TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-41730-1

Job Description: C360112. Mt.Kisko, NY

For:
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CASE NARRATIVE

Client: Carlin, Simpson and Associates

Project: C360112. Mt.Kisko, NY

Report Number: 460-41730-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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.

RECEIPT

The samples were received on 6/26/2012 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.9º C and 3.1º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-41730-1 through 460-41730-23 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 06/27/2012 and 06/28/2012.

The matrix spike(MS) recoveries for antimony in batch 117597 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix duplicate %RPD for manganese, lead associated with batch 117597 were outside the control limits

The matrix spike(MS) recoveries for magnesium, antimony in batch 117600 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Chromium and Lead exceeded the rpd limit for the duplicate of sample 460-41730-17. Lead and Manganese exceeded the rpd limit for the duplicate of sample 460-41730-5.

Refer to the QC report for details.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-41730-1 through 460-41730-16(4X), 460-41730-17(10X) and 460-41730-17 through 460-41730-23(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-41730-1 through 460-41730-23 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 06/27/2012.

The matrix spike(MS) recoveries for mercury in batch 117626 was outside control limits. The associated laboratory control sample

(LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analyses.

All other quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Samples 460-41730-1 through 460-41730-18 and 460-41730-20 through 460-41730-23 were analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 06/29/2012 and analyzed on 07/02/2012.

The closing calibration verification (CCV) for analytical batch 118507 exceeded control criteria for 4,4-DDD on the primary column. The data have been qualified and reported.

The closing calibration verification (CCV) for analytical batch 118507 exceeded control criteria for Heptachlor & Methoxychlor on the secondary column. The data have been qualified and reported.

The continuing calibration verification (CCV) for analytical batch 118612 exceeded control criteria for 4,4-'DDE, 4,4-'DDD, 4,4-'DDT, alpha-BHC, beta-BHC, delta-BHC, and Methoxyclor. The failures confirm on multiple analysis batches. The data have been qualified and reported.

The %RPD between the primary and confirmation column exceeded 40% for DDD, DDE, Dieldrin, Endrin Ketone, and methoxyclor for the following sample(s): F-23 (460-41730-17). The lower values have been reported and qualified in accordance with the laboratory's SOP.

The matrix spike (MS) recoveries for batch 118077 were outside control limits for 4,4'-DDD & 4,4'_DDE on the rear column. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike duplicate (MSD) recoveries for batch 118077 were outside control limits for 4,4-'DDE on the primary column. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-41730-1 through 460-41730-18 and 460-41730-20 through 460-41730-23 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 06/29/2012 and analyzed on 07/01/2012 and 07/02/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 118069 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The surrogate on the primary column was outside control limits. The results on the secondary column were within control limits. Sample results reported from the secondary column.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 118068 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-41730-1 through 460-41730-18 and 460-41730-20 through 460-41730-23 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 06/27/2012 and analyzed on 07/02/2012 and 07/03/2012.

Methylene Chloride was detected in method blank LB3 460-117585/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank LB3 460-117585/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B”

flagged. Methylene Chloride was detected in method blank MB 460-117746/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-118221/5 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. Methylene Chloride was detected in method blank MB 460-118221/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone and Methylene Chloride were detected in method blank MB 460-118368/5 at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 118221 were outside control limits for multiple analytes. The MS/MSD %RPD was outside control limits for Acetone. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 118368 exceeded control limits for the following analyte: Chlorobromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of 1,1,2-Trichloroethane, 4-Methyl-2-pentanone, and 1,1,2,2-Tetrachloroethane were outside control limits in batch 118537. The MS/MSD % RPD for 1,4-Dioxane was also outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

The following sample was diluted due to the abundance of non-target analytes: F-20 (460-41730-14). Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target and non-target analytes within the calibration range: F-23 (460-41730-17). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-41730-1 through 460-41730-18 and 460-41730-20 through 460-41730-23 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 07/03/2012 and analyzed on 07/06/2012 and 07/08/2012.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 118530 was outside control limits for 2,4-Dinitrophenol, 3,3'-Dichlorobenzieine and 4,6-Dinitro-2-methylphenol. The %RPD did not calculate (NC) for Hexachlorocyclopentadiene due to matrix interference. The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 118530 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 118529 were outside control limits for Benzo(a)pyrene, Hexachlorocyclopentadiene and/or Hexachloroethane. The laboratory control sample (LCS) and matrix spike/matrix spike duplicate (MS/MSD) for batch 118529 were outside advisory limits for the following analytes: 1,2,4,5-Tetrachlorobenzene. The matrix spike/matrix spike duplicate (MS/MSD) were also outside advisory limits for 2,3,4,6-Tetrachlorophenol.

Refer to the QC report for details.

Samples 460-41730-7(2X), 460-41730-14(2X) and 460-41730-17(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples 460-41730-1 through 460-41730-23 were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 07/07/2012, 07/09/2012 and 07/10/2012.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-41730-1 through 460-41730-23 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 06/29/2012 and 06/30/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-41730-1	SL-10	Solid	06/25/2012 0835	06/26/2012 1845
460-41730-2	SF-26	Solid	06/25/2012 0955	06/26/2012 1845
460-41730-3	SF-27	Solid	06/25/2012 1050	06/26/2012 1845
460-41730-4	SF-28	Solid	06/25/2012 1130	06/26/2012 1845
460-41730-5	SF-29	Solid	06/25/2012 1204	06/26/2012 1845
460-41730-5MS	SF-29	Solid	06/25/2012 1204	06/26/2012 1845
460-41730-5MSD	SF-29	Solid	06/25/2012 1204	06/26/2012 1845
460-41730-5DU	SF-29	Solid	06/25/2012 1204	06/26/2012 1845
460-41730-6	SF-30	Solid	06/25/2012 1345	06/26/2012 1845
460-41730-7	SF-31	Solid	06/26/2012 0840	06/26/2012 1845
460-41730-8	SF-32	Solid	06/26/2012 0930	06/26/2012 1845
460-41730-9	SF-33	Solid	06/26/2012 1015	06/26/2012 1845
460-41730-10	FD-H	Solid	06/25/2012 0000	06/26/2012 1845
460-41730-11	F-17	Solid	06/25/2012 1038	06/26/2012 1845
460-41730-12	F-18	Solid	06/25/2012 1250	06/26/2012 1845
460-41730-13	F-19	Solid	06/25/2012 1255	06/26/2012 1845
460-41730-14	F-20	Solid	06/25/2012 1300	06/26/2012 1845
460-41730-15	F-21	Solid	06/26/2012 0920	06/26/2012 1845
460-41730-16	F-22	Solid	06/26/2012 1124	06/26/2012 1845
460-41730-17	F-23	Solid	06/26/2012 1132	06/26/2012 1845
460-41730-17MS	F-23	Solid	06/26/2012 1132	06/26/2012 1845
460-41730-17MSD	F-23	Solid	06/26/2012 1132	06/26/2012 1845
460-41730-17DU	F-23	Solid	06/26/2012 1132	06/26/2012 1845
460-41730-18	F-24	Solid	06/26/2012 1310	06/26/2012 1845
460-41730-19	F-25	Solid	06/26/2012 1315	06/26/2012 1845
460-41730-20	F-26	Solid	06/26/2012 1322	06/26/2012 1845
460-41730-21	F-27	Solid	06/26/2012 1355	06/26/2012 1845
460-41730-22	F-28	Solid	06/26/2012 1420	06/26/2012 1845
460-41730-23	FD-J	Solid	06/26/2012 0000	06/26/2012 1845

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-1	**SL-10**					
2-Butanone		5.9	J	11	ug/Kg	8260B
Acetone		35	B	11	ug/Kg	8260B
Carbon disulfide		0.23	J	1.1	ug/Kg	8260B
cis-1,2-Dichloroethene		0.17	J	1.1	ug/Kg	8260B
Methylene Chloride		1.2	B	1.1	ug/Kg	8260B
Aluminum		10700		43.8	mg/Kg	6010B
Arsenic		2.5		1.1	mg/Kg	6010B
Barium		160		43.8	mg/Kg	6010B
Calcium		2100		1100	mg/Kg	6010B
Chromium		30.3		2.2	mg/Kg	6010B
Cobalt		8.5	J	11.0	mg/Kg	6010B
Copper		16.5		5.5	mg/Kg	6010B
Iron		20600		32.9	mg/Kg	6010B
Lead		13.6		1.1	mg/Kg	6010B
Magnesium		5050		1100	mg/Kg	6010B
Manganese		323		3.3	mg/Kg	6010B
Nickel		18.8		8.8	mg/Kg	6010B
Potassium		2240		1100	mg/Kg	6010B
Vanadium		33.5		11.0	mg/Kg	6010B
Zinc		57.9		6.6	mg/Kg	6010B
Mercury		0.18		0.036	mg/Kg	7471A
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-2	**SF-26**					
2-Butanone		9.3	J	13	ug/Kg	8260B
4-Methyl-2-pentanone		1.2	J	13	ug/Kg	8260B
Acetone		43	B	13	ug/Kg	8260B
Carbon disulfide		0.57	J	1.3	ug/Kg	8260B
Methylene Chloride		1.4	B	1.3	ug/Kg	8260B
Toluene		0.30	J	1.3	ug/Kg	8260B
Aluminum		12500		49.0	mg/Kg	6010B
Arsenic		2.6		1.2	mg/Kg	6010B
Barium		109		49.0	mg/Kg	6010B
Beryllium		0.21	J	0.49	mg/Kg	6010B
Cadmium		0.29	J	1.2	mg/Kg	6010B
Calcium		2010		1220	mg/Kg	6010B
Chromium		26.9		2.4	mg/Kg	6010B
Cobalt		8.8	J	12.2	mg/Kg	6010B
Copper		31.8		6.1	mg/Kg	6010B
Iron		21400		36.7	mg/Kg	6010B
Lead		35.2		1.2	mg/Kg	6010B
Magnesium		4890		1220	mg/Kg	6010B
Manganese		252		3.7	mg/Kg	6010B
Nickel		19.7		9.8	mg/Kg	6010B
Potassium		2230		1220	mg/Kg	6010B
Silver		1.2	J	2.4	mg/Kg	6010B
Vanadium		34.2		12.2	mg/Kg	6010B
Zinc		90.5		7.3	mg/Kg	6010B
Mercury		0.22		0.038	mg/Kg	7471A
Percent Moisture		19.1		1.0	%	Moisture
Percent Solids		80.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-3	**SF-27**					
2-Butanone		3.9	J	11	ug/Kg	8260B
Acetone		29	B	11	ug/Kg	8260B
Carbon disulfide		0.20	J	1.1	ug/Kg	8260B
cis-1,2-Dichloroethene		0.25	J	1.1	ug/Kg	8260B
Methylene Chloride		1.2	B	1.1	ug/Kg	8260B
Aluminum		13000		40.8	mg/Kg	6010B
Arsenic		4.3		1.0	mg/Kg	6010B
Barium		93.3		40.8	mg/Kg	6010B
Beryllium		0.29	J	0.41	mg/Kg	6010B
Calcium		1490		1020	mg/Kg	6010B
Chromium		30.0		2.0	mg/Kg	6010B
Cobalt		7.6	J	10.2	mg/Kg	6010B
Copper		17.7		5.1	mg/Kg	6010B
Iron		24700		30.6	mg/Kg	6010B
Lead		8.6		1.0	mg/Kg	6010B
Magnesium		4830		1020	mg/Kg	6010B
Manganese		292		3.1	mg/Kg	6010B
Nickel		18.3		8.2	mg/Kg	6010B
Potassium		1610		1020	mg/Kg	6010B
Vanadium		35.5		10.2	mg/Kg	6010B
Zinc		48.7		6.1	mg/Kg	6010B
Percent Moisture		14.0		1.0	%	Moisture
Percent Solids		86.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-4	**SF-28**					
2-Butanone		3.6	J	10	ug/Kg	8260B
Acetone		41	B	10	ug/Kg	8260B
Carbon disulfide		0.20	J	1.0	ug/Kg	8260B
Methylene Chloride		1.1	B	1.0	ug/Kg	8260B
Aluminum		12100		42.1	mg/Kg	6010B
Arsenic		3.1		1.1	mg/Kg	6010B
Barium		130		42.1	mg/Kg	6010B
Cadmium		0.18	J	1.1	mg/Kg	6010B
Calcium		2360		1050	mg/Kg	6010B
Chromium		30.4		2.1	mg/Kg	6010B
Cobalt		10.4	J	10.5	mg/Kg	6010B
Copper		27.5		5.3	mg/Kg	6010B
Iron		24700		31.6	mg/Kg	6010B
Lead		7.9		1.1	mg/Kg	6010B
Magnesium		6200		1050	mg/Kg	6010B
Manganese		368		3.2	mg/Kg	6010B
Nickel		22.8		8.4	mg/Kg	6010B
Potassium		3470		1050	mg/Kg	6010B
Vanadium		36.8		10.5	mg/Kg	6010B
Zinc		58.7		6.3	mg/Kg	6010B
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-5	**SF-29**					
2-Butanone		3.4	J	11	ug/Kg	8260B
Acetone		16	B	11	ug/Kg	8260B
Carbon disulfide		0.19	J	1.1	ug/Kg	8260B
Methylene Chloride		1.2	B	1.1	ug/Kg	8260B
Toluene		0.28	J	1.1	ug/Kg	8260B
Pyrene		52	J	390	ug/Kg	8270C
Aluminum		10800		46.4	mg/Kg	6010B
Arsenic		2.4		1.2	mg/Kg	6010B
Barium		103		46.4	mg/Kg	6010B
Cadmium		0.24	J	1.2	mg/Kg	6010B
Calcium		2020		1160	mg/Kg	6010B
Chromium		25.8		2.3	mg/Kg	6010B
Cobalt		8.0	J	11.6	mg/Kg	6010B
Copper		30.4		5.8	mg/Kg	6010B
Iron		19000		34.8	mg/Kg	6010B
Lead		20.7		1.2	mg/Kg	6010B
Magnesium		4670		1160	mg/Kg	6010B
Manganese		353		3.5	mg/Kg	6010B
Nickel		18.2		9.3	mg/Kg	6010B
Potassium		2370		1160	mg/Kg	6010B
Silver		0.71	J	2.3	mg/Kg	6010B
Vanadium		30.5		11.6	mg/Kg	6010B
Zinc		71.6		7.0	mg/Kg	6010B
Mercury		0.21		0.039	mg/Kg	7471A
Percent Moisture		15.5		1.0	%	Moisture
Percent Solids		84.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-6	**SF-30**					
2-Butanone		4.2	J	12	ug/Kg	8260B
4-Methyl-2-pentanone		1.0	J	12	ug/Kg	8260B
Acetone		37	B	12	ug/Kg	8260B
Carbon disulfide		0.22	J	1.2	ug/Kg	8260B
Methylene Chloride		1.4	B	1.2	ug/Kg	8260B
Aluminum		9810		43.9	mg/Kg	6010B
Arsenic		2.1		1.1	mg/Kg	6010B
Barium		102		43.9	mg/Kg	6010B
Cadmium		0.43	J	1.1	mg/Kg	6010B
Calcium		3340		1100	mg/Kg	6010B
Chromium		26.0		2.2	mg/Kg	6010B
Cobalt		8.6	J	11.0	mg/Kg	6010B
Copper		23.9		5.5	mg/Kg	6010B
Iron		17800		32.9	mg/Kg	6010B
Lead		12.1		1.1	mg/Kg	6010B
Magnesium		5480		1100	mg/Kg	6010B
Manganese		234		3.3	mg/Kg	6010B
Nickel		19.1		8.8	mg/Kg	6010B
Potassium		2460		1100	mg/Kg	6010B
Silver		0.22	J	2.2	mg/Kg	6010B
Vanadium		30.3		11.0	mg/Kg	6010B
Zinc		137		6.6	mg/Kg	6010B
Mercury		0.15		0.034	mg/Kg	7471A
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-7	**SF-31**					
2-Butanone		6.6	J	12	ug/Kg	8260B
Acetone		37	B	12	ug/Kg	8260B
Carbon disulfide		0.34	J	1.2	ug/Kg	8260B
Methylene Chloride		1.6	B	1.2	ug/Kg	8260B
Acenaphthene		660	J	770	ug/Kg	8270C
Dibenzofuran		420	J	770	ug/Kg	8270C
Fluorene		950		770	ug/Kg	8270C
Fluoranthene		15000		770	ug/Kg	8270C
Anthracene		2100		770	ug/Kg	8270C
Carbazole		870		770	ug/Kg	8270C
Phenanthrene		11000		770	ug/Kg	8270C
Pyrene		15000		770	ug/Kg	8270C
Chrysene		6000		770	ug/Kg	8270C
Benzo[k]fluoranthene		2000		77	ug/Kg	8270C
Benzo[g,h,i]perylene		2700		770	ug/Kg	8270C
Benzo[b]fluoranthene		5800		77	ug/Kg	8270C
Benzo[a]pyrene		4700		77	ug/Kg	8270C
Benzo[a]anthracene		6300		77	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		3100		77	ug/Kg	8270C
Dibenz(a,h)anthracene		750		77	ug/Kg	8270C
Aluminum		9540		44.9	mg/Kg	6010B
Arsenic		1.8		1.1	mg/Kg	6010B
Barium		89.4		44.9	mg/Kg	6010B
Cadmium		0.31	J	1.1	mg/Kg	6010B
Calcium		1510		1120	mg/Kg	6010B
Chromium		25.5		2.2	mg/Kg	6010B
Cobalt		6.3	J	11.2	mg/Kg	6010B
Copper		45.6		5.6	mg/Kg	6010B
Iron		16500		33.7	mg/Kg	6010B
Lead		30.4		1.1	mg/Kg	6010B
Magnesium		4190		1120	mg/Kg	6010B
Manganese		158		3.4	mg/Kg	6010B
Nickel		16.2		9.0	mg/Kg	6010B
Potassium		1530		1120	mg/Kg	6010B
Silver		1.4	J	2.2	mg/Kg	6010B
Vanadium		25.9		11.2	mg/Kg	6010B
Zinc		102		6.7	mg/Kg	6010B
Mercury		0.17		0.037	mg/Kg	7471A
Cyanide, Total		0.16	J	0.58	mg/Kg	9012A
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-8	**SF-32**					
2-Butanone		19		19	ug/Kg	8260B
Acetone		83	B	19	ug/Kg	8260B
Carbon disulfide		1.4	J	1.9	ug/Kg	8260B
Methylene Chloride		2.2	B	1.9	ug/Kg	8260B
Toluene		6.2		1.9	ug/Kg	8260B
Aluminum		9720		50.6	mg/Kg	6010B
Arsenic		3.6		1.3	mg/Kg	6010B
Barium		91.4		50.6	mg/Kg	6010B
Cadmium		0.37	J	1.3	mg/Kg	6010B
Calcium		3050		1260	mg/Kg	6010B
Chromium		24.3		2.5	mg/Kg	6010B
Cobalt		5.1	J	12.6	mg/Kg	6010B
Copper		17.1		6.3	mg/Kg	6010B
Iron		13200		37.9	mg/Kg	6010B
Lead		14.9		1.3	mg/Kg	6010B
Magnesium		3050		1260	mg/Kg	6010B
Manganese		151		3.8	mg/Kg	6010B
Nickel		13.0		10.1	mg/Kg	6010B
Potassium		1410		1260	mg/Kg	6010B
Vanadium		26.4		12.6	mg/Kg	6010B
Zinc		46.7		7.6	mg/Kg	6010B
Mercury		0.089		0.045	mg/Kg	7471A
Percent Moisture		29.4		1.0	%	Moisture
Percent Solids		70.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-9	**SF-33**					
2-Butanone		4.4	J	9.9	ug/Kg	8260B
Acetone		29	B	9.9	ug/Kg	8260B
Carbon disulfide		0.16	J	0.99	ug/Kg	8260B
Methylene Chloride		1.1	B	0.99	ug/Kg	8260B
Aluminum		10600		40.4	mg/Kg	6010B
Arsenic		1.6		1.0	mg/Kg	6010B
Barium		106		40.4	mg/Kg	6010B
Cadmium		0.20	J	1.0	mg/Kg	6010B
Calcium		1970		1010	mg/Kg	6010B
Chromium		23.8		2.0	mg/Kg	6010B
Cobalt		7.7	J	10.1	mg/Kg	6010B
Copper		17.0		5.0	mg/Kg	6010B
Iron		17800		30.3	mg/Kg	6010B
Lead		4.7		1.0	mg/Kg	6010B
Magnesium		4200		1010	mg/Kg	6010B
Manganese		226		3.0	mg/Kg	6010B
Nickel		16.5		8.1	mg/Kg	6010B
Potassium		2930		1010	mg/Kg	6010B
Vanadium		30.2		10.1	mg/Kg	6010B
Zinc		41.7		6.1	mg/Kg	6010B
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-10	**FD-H**					
Acetone		44	B	12	ug/Kg	8260B
Methylene Chloride		1.6	B	1.2	ug/Kg	8260B
Aluminum		12700		42.6	mg/Kg	6010B
Arsenic		3.5		1.1	mg/Kg	6010B
Barium		93.7		42.6	mg/Kg	6010B
Beryllium		0.33	J	0.43	mg/Kg	6010B
Calcium		1840		1070	mg/Kg	6010B
Chromium		27.5		2.1	mg/Kg	6010B
Cobalt		6.5	J	10.7	mg/Kg	6010B
Copper		18.0		5.3	mg/Kg	6010B
Iron		20100		32.0	mg/Kg	6010B
Lead		8.2		1.1	mg/Kg	6010B
Magnesium		3940		1070	mg/Kg	6010B
Manganese		304		3.2	mg/Kg	6010B
Nickel		16.8		8.5	mg/Kg	6010B
Potassium		1310		1070	mg/Kg	6010B
Vanadium		29.2		10.7	mg/Kg	6010B
Zinc		49.1		6.4	mg/Kg	6010B
Mercury		0.046		0.032	mg/Kg	7471A
Cyanide, Total		0.12	J	0.59	mg/Kg	9012A
Percent Moisture		14.6		1.0	%	Moisture
Percent Solids		85.4		1.0	%	Moisture
460-41730-11	**F-17**					
Methylene Chloride		1.3	B	1.1	ug/Kg	8260B
Aluminum		7540		42.4	mg/Kg	6010B
Arsenic		1.4		1.1	mg/Kg	6010B
Barium		65.9		42.4	mg/Kg	6010B
Cadmium		0.17	J	1.1	mg/Kg	6010B
Calcium		2510		1060	mg/Kg	6010B
Chromium		17.0		2.1	mg/Kg	6010B
Cobalt		6.5	J	10.6	mg/Kg	6010B
Copper		15.5		5.3	mg/Kg	6010B
Iron		15200		31.8	mg/Kg	6010B
Lead		7.9		1.1	mg/Kg	6010B
Magnesium		4060		1060	mg/Kg	6010B
Manganese		274		3.2	mg/Kg	6010B
Nickel		15.1		8.5	mg/Kg	6010B
Potassium		1840		1060	mg/Kg	6010B
Vanadium		20.8		10.6	mg/Kg	6010B
Zinc		38.5		6.4	mg/Kg	6010B
Mercury		0.025	J	0.032	mg/Kg	7471A
Percent Moisture		6.6		1.0	%	Moisture
Percent Solids		93.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-12	**F-18**					
Methylene Chloride		1.3	B	1.1	ug/Kg	8260B
Aluminum		6340		42.2	mg/Kg	6010B
Arsenic		1.8		1.1	mg/Kg	6010B
Barium		62.8		42.2	mg/Kg	6010B
Calcium		2880		1060	mg/Kg	6010B
Chromium		15.9		2.1	mg/Kg	6010B
Cobalt		6.4	J	10.6	mg/Kg	6010B
Copper		14.5		5.3	mg/Kg	6010B
Iron		12400		31.7	mg/Kg	6010B
Lead		4.5		1.1	mg/Kg	6010B
Magnesium		3840		1060	mg/Kg	6010B
Manganese		187		3.2	mg/Kg	6010B
Nickel		13.1		8.4	mg/Kg	6010B
Potassium		1840		1060	mg/Kg	6010B
Vanadium		18.4		10.6	mg/Kg	6010B
Zinc		29.0		6.3	mg/Kg	6010B
Percent Moisture		8.9		1.0	%	Moisture
Percent Solids		91.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-13	**F-19**					
2-Butanone		44		12	ug/Kg	8260B
Acetone		190	B	12	ug/Kg	8260B
Carbon disulfide		2.6		1.2	ug/Kg	8260B
Isopropylbenzene		0.20	J	1.2	ug/Kg	8260B
Methylcyclohexane		2.0		1.2	ug/Kg	8260B
Methylene Chloride		1.4	B	1.2	ug/Kg	8260B
Toluene		0.30	J	1.2	ug/Kg	8260B
Aroclor 1262		27	J	78	ug/Kg	8082
Aluminum		5270		44.0	mg/Kg	6010B
Arsenic		1.2		1.1	mg/Kg	6010B
Barium		76.4		44.0	mg/Kg	6010B
Cadmium		0.34	J	1.1	mg/Kg	6010B
Calcium		2930		1100	mg/Kg	6010B
Chromium		12.2		2.2	mg/Kg	6010B
Cobalt		3.7	J	11.0	mg/Kg	6010B
Copper		16.6		5.5	mg/Kg	6010B
Iron		11000		33.0	mg/Kg	6010B
Lead		28.5		1.1	mg/Kg	6010B
Magnesium		3900		1100	mg/Kg	6010B
Manganese		88.2		3.3	mg/Kg	6010B
Nickel		9.4		8.8	mg/Kg	6010B
Potassium		1360		1100	mg/Kg	6010B
Silver		4.4		2.2	mg/Kg	6010B
Vanadium		13.1		11.0	mg/Kg	6010B
Zinc		83.7		6.6	mg/Kg	6010B
Mercury		1.4		0.037	mg/Kg	7471A
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-14	**F-20**					
1,4-Dichlorobenzene		160	J	220	ug/Kg	8260B
2-Butanone		620	J	1100	ug/Kg	8260B
Acetone		1900		1100	ug/Kg	8260B
Carbon disulfide		260		220	ug/Kg	8260B
Ethylbenzene		59	J	220	ug/Kg	8260B
Isopropylbenzene		130	J	220	ug/Kg	8260B
Methyl acetate		1700		440	ug/Kg	8260B
Methylcyclohexane		370		220	ug/Kg	8260B
Toluene		360		220	ug/Kg	8260B
Trichloroethene		37	J	220	ug/Kg	8260B
Xylenes, Total		650	J	660	ug/Kg	8260B
2-Methylnaphthalene		280	J	780	ug/Kg	8270C
Dibenzofuran		95	J	780	ug/Kg	8270C
Fluorene		100	J	780	ug/Kg	8270C
Fluoranthene		180	J	780	ug/Kg	8270C
Phenanthrene		270	J	780	ug/Kg	8270C
Pyrene		220	J	780	ug/Kg	8270C
Chrysene		180	J	780	ug/Kg	8270C
Benzo[g,h,i]perylene		70	J	780	ug/Kg	8270C
Benzo[b]fluoranthene		89		78	ug/Kg	8270C
Benzo[a]pyrene		91		78	ug/Kg	8270C
Benzo[a]anthracene		90		78	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		65	J	78	ug/Kg	8270C
Dieldrin		9.0		7.9	ug/Kg	8081A
Aroclor 1262		300		79	ug/Kg	8082
Aluminum		10500		45.6	mg/Kg	6010B
Arsenic		2.3		1.1	mg/Kg	6010B
Barium		112		45.6	mg/Kg	6010B
Beryllium		0.16	J	0.46	mg/Kg	6010B
Cadmium		0.33	J	1.1	mg/Kg	6010B
Calcium		3500		1140	mg/Kg	6010B
Chromium		29.7		2.3	mg/Kg	6010B
Cobalt		8.4	J	11.4	mg/Kg	6010B
Copper		23.7		5.7	mg/Kg	6010B
Iron		20100		34.2	mg/Kg	6010B
Lead		23.6		1.1	mg/Kg	6010B
Magnesium		4940		1140	mg/Kg	6010B
Manganese		289		3.4	mg/Kg	6010B
Nickel		19.8		9.1	mg/Kg	6010B
Potassium		2600		1140	mg/Kg	6010B
Silver		1.0	J	2.3	mg/Kg	6010B
Vanadium		34.4		11.4	mg/Kg	6010B
Zinc		92.4		6.8	mg/Kg	6010B
Mercury		0.41		0.039	mg/Kg	7471A
Cyanide, Total		0.25	J	0.59	mg/Kg	9012A
Percent Moisture		15.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Solids		84.4		1.0	%	Moisture
460-41730-15	**F-21**					
Methylene Chloride		0.98	J B	1.2	ug/Kg	8260B
Aluminum		6010		43.1	mg/Kg	6010B
Arsenic		1.7		1.1	mg/Kg	6010B
Barium		53.1		43.1	mg/Kg	6010B
Calcium		2860		1080	mg/Kg	6010B
Chromium		14.3		2.2	mg/Kg	6010B
Cobalt		5.3	J	10.8	mg/Kg	6010B
Copper		13.1		5.4	mg/Kg	6010B
Iron		11600		32.3	mg/Kg	6010B
Lead		4.0		1.1	mg/Kg	6010B
Magnesium		3810		1080	mg/Kg	6010B
Manganese		191		3.2	mg/Kg	6010B
Nickel		12.1		8.6	mg/Kg	6010B
Potassium		1590		1080	mg/Kg	6010B
Vanadium		17.0		10.8	mg/Kg	6010B
Zinc		25.8		6.5	mg/Kg	6010B
Percent Moisture		11.5		1.0	%	Moisture
Percent Solids		88.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-16	**F-22**					
2-Butanone		2.2	J	13	ug/Kg	8260B
Acetone		27	B	13	ug/Kg	8260B
Methylene Chloride		1.6	B	1.3	ug/Kg	8260B
Toluene		0.23	J	1.3	ug/Kg	8260B
Aroclor 1260		23	J	72	ug/Kg	8082
Aluminum		7540		40.3	mg/Kg	6010B
Arsenic		2.1		1.0	mg/Kg	6010B
Barium		157		40.3	mg/Kg	6010B
Cadmium		0.61	J	1.0	mg/Kg	6010B
Calcium		1660		1010	mg/Kg	6010B
Chromium		19.7		2.0	mg/Kg	6010B
Cobalt		5.8	J	10.1	mg/Kg	6010B
Copper		46.7		5.0	mg/Kg	6010B
Iron		14500		30.2	mg/Kg	6010B
Lead		108		1.0	mg/Kg	6010B
Magnesium		3660		1010	mg/Kg	6010B
Manganese		222		3.0	mg/Kg	6010B
Nickel		13.1		8.1	mg/Kg	6010B
Potassium		2160		1010	mg/Kg	6010B
Silver		5.0		2.0	mg/Kg	6010B
Vanadium		21.5		10.1	mg/Kg	6010B
Zinc		136		6.0	mg/Kg	6010B
Mercury		1.2		0.032	mg/Kg	7471A
Percent Moisture		7.3		1.0	%	Moisture
Percent Solids		92.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-17	**F-23**					
1,2-Dichlorobenzene		1100		440	ug/Kg	8260B
1,3-Dichlorobenzene		83	J	440	ug/Kg	8260B
1,4-Dichlorobenzene		1400		440	ug/Kg	8260B
Acetone		2600		2200	ug/Kg	8260B
Carbon disulfide		250	J	440	ug/Kg	8260B
Ethylbenzene		91	J	440	ug/Kg	8260B
Isopropylbenzene		220	J	440	ug/Kg	8260B
Methyl acetate		3300		880	ug/Kg	8260B
Methylcyclohexane		86	J	440	ug/Kg	8260B
Toluene		8600		440	ug/Kg	8260B
Trichloroethene		74	J	440	ug/Kg	8260B
Xylenes, Total		890	J	1300	ug/Kg	8260B
2-Methylnaphthalene		320	J	1700	ug/Kg	8270C
Fluoranthene		350	J	1700	ug/Kg	8270C
Phenanthrene		360	J	1700	ug/Kg	8270C
Pyrene		640	J	1700	ug/Kg	8270C
Chrysene		350	J	1700	ug/Kg	8270C
Benzo[b]fluoranthene		250		170	ug/Kg	8270C
Benzo[a]anthracene		230		170	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		2200		1700	ug/Kg	8270C
4,4'-DDD		23	p	17	ug/Kg	8081A
4,4'-DDE		57	p	17	ug/Kg	8081A
4,4'-DDT		28		17	ug/Kg	8081A
Dieldrin		8.4	J p	17	ug/Kg	8081A
Endrin ketone		6.3	J p	17	ug/Kg	8081A
Methoxychlor		9.3	J p	17	ug/Kg	8081A
Aroclor 1254		440		170	ug/Kg	8082
Aluminum		7920		92.5	mg/Kg	6010B
Arsenic		10		2.3	mg/Kg	6010B
Barium		1190		92.5	mg/Kg	6010B
Cadmium		15.1		2.3	mg/Kg	6010B
Calcium		14400		2310	mg/Kg	6010B
Chromium		36.0		4.6	mg/Kg	6010B
Cobalt		5.7	J	23.1	mg/Kg	6010B
Copper		718		11.6	mg/Kg	6010B
Iron		19600		69.4	mg/Kg	6010B
Lead		544		2.3	mg/Kg	6010B
Magnesium		4140		2310	mg/Kg	6010B
Manganese		170		6.9	mg/Kg	6010B
Nickel		28.9		18.5	mg/Kg	6010B
Potassium		1490	J	2310	mg/Kg	6010B
Selenium		3.3	J	4.6	mg/Kg	6010B
Silver		56.4		4.6	mg/Kg	6010B
Vanadium		23.3		23.1	mg/Kg	6010B
Zinc		2850		34.7	mg/Kg	6010B
Mercury		3.6		0.083	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Cyanide, Total		0.83	J	1.3	mg/Kg	9012A
Percent Moisture		60.3		1.0	%	Moisture
Percent Solids		39.7		1.0	%	Moisture
460-41730-18	**F-24**					
Methylene Chloride		1.0	J B	1.1	ug/Kg	8260B
Aluminum		7000		39.8	mg/Kg	6010B
Arsenic		1.6		0.99	mg/Kg	6010B
Barium		73.2		39.8	mg/Kg	6010B
Cadmium		0.16	J	0.99	mg/Kg	6010B
Calcium		1780		994	mg/Kg	6010B
Chromium		16.7		2.0	mg/Kg	6010B
Cobalt		6.6	J	9.9	mg/Kg	6010B
Copper		14.4		5.0	mg/Kg	6010B
Iron		13400		29.8	mg/Kg	6010B
Lead		6.3		0.99	mg/Kg	6010B
Magnesium		3980		994	mg/Kg	6010B
Manganese		273		3.0	mg/Kg	6010B
Nickel		13.9		8.0	mg/Kg	6010B
Potassium		2000		994	mg/Kg	6010B
Vanadium		20.3		9.9	mg/Kg	6010B
Zinc		31.8		6.0	mg/Kg	6010B
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-19	**F-25**					
Aluminum		10100		39.3	mg/Kg	6010B
Arsenic		2.0		0.98	mg/Kg	6010B
Barium		107		39.3	mg/Kg	6010B
Beryllium		0.15	J	0.39	mg/Kg	6010B
Cadmium		0.28	J	0.98	mg/Kg	6010B
Calcium		2120		983	mg/Kg	6010B
Chromium		23.3		2.0	mg/Kg	6010B
Cobalt		7.9	J	9.8	mg/Kg	6010B
Copper		20.1		4.9	mg/Kg	6010B
Iron		18500		29.5	mg/Kg	6010B
Lead		17.3		0.98	mg/Kg	6010B
Magnesium		4420		983	mg/Kg	6010B
Manganese		404		2.9	mg/Kg	6010B
Nickel		17.3		7.9	mg/Kg	6010B
Potassium		2300		983	mg/Kg	6010B
Silver		0.52	J	2.0	mg/Kg	6010B
Vanadium		29.0		9.8	mg/Kg	6010B
Zinc		68.6		5.9	mg/Kg	6010B
Mercury		0.23		0.037	mg/Kg	7471A
Percent Moisture		10.0		1.0	%	Moisture
Percent Solids		90.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-20	**F-26**					
2-Butanone		5.6	J	11	ug/Kg	8260B
Acetone		38	B	11	ug/Kg	8260B
Carbon disulfide		0.25	J	1.1	ug/Kg	8260B
Methylene Chloride		1.2	B	1.1	ug/Kg	8260B
Aluminum		11100		40.9	mg/Kg	6010B
Arsenic		2.2		1.0	mg/Kg	6010B
Barium		118		40.9	mg/Kg	6010B
Cadmium		0.19	J	1.0	mg/Kg	6010B
Calcium		4810		1020	mg/Kg	6010B
Chromium		27.2		2.0	mg/Kg	6010B
Cobalt		8.9	J	10.2	mg/Kg	6010B
Copper		18.7		5.1	mg/Kg	6010B
Iron		20300		30.7	mg/Kg	6010B
Lead		6.5		1.0	mg/Kg	6010B
Magnesium		5390		1020	mg/Kg	6010B
Manganese		265		3.1	mg/Kg	6010B
Nickel		19.6		8.2	mg/Kg	6010B
Potassium		2920		1020	mg/Kg	6010B
Vanadium		34.8		10.2	mg/Kg	6010B
Zinc		42.7		6.1	mg/Kg	6010B
Percent Moisture		11.9		1.0	%	Moisture
Percent Solids		88.1		1.0	%	Moisture
460-41730-21	**F-27**					
Methylene Chloride		1.5	B	1.5	ug/Kg	8260B
Aluminum		4970		40.4	mg/Kg	6010B
Arsenic		1.2		1.0	mg/Kg	6010B
Barium		37.1	J	40.4	mg/Kg	6010B
Calcium		1220		1010	mg/Kg	6010B
Chromium		11.4		2.0	mg/Kg	6010B
Cobalt		4.2	J	10.1	mg/Kg	6010B
Copper		9.1		5.1	mg/Kg	6010B
Iron		8830		30.3	mg/Kg	6010B
Lead		3.5		1.0	mg/Kg	6010B
Magnesium		2250		1010	mg/Kg	6010B
Manganese		208		3.0	mg/Kg	6010B
Nickel		9.8		8.1	mg/Kg	6010B
Potassium		951	J	1010	mg/Kg	6010B
Vanadium		12.9		10.1	mg/Kg	6010B
Zinc		18.8		6.1	mg/Kg	6010B
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41730-22	**F-28**					
Methylene Chloride		1.1	B	1.1	ug/Kg	8260B
Aluminum		6930		39.9	mg/Kg	6010B
Arsenic		1.5		1.0	mg/Kg	6010B
Barium		46.2		39.9	mg/Kg	6010B
Beryllium		0.16	J	0.40	mg/Kg	6010B
Cadmium		0.18	J	1.0	mg/Kg	6010B
Calcium		1360		997	mg/Kg	6010B
Chromium		14.4		2.0	mg/Kg	6010B
Cobalt		6.1	J	10	mg/Kg	6010B
Copper		13.4		5.0	mg/Kg	6010B
Iron		12300		29.9	mg/Kg	6010B
Lead		5.3		1.0	mg/Kg	6010B
Magnesium		3230		997	mg/Kg	6010B
Manganese		140		3.0	mg/Kg	6010B
Nickel		13.5		8.0	mg/Kg	6010B
Potassium		1260		997	mg/Kg	6010B
Vanadium		17.9		10	mg/Kg	6010B
Zinc		28.2		6.0	mg/Kg	6010B
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture
460-41730-23	**FD-J**					
Methylene Chloride		1.4	B	1.3	ug/Kg	8260B
Aluminum		4840		41.6	mg/Kg	6010B
Arsenic		1.1		1.0	mg/Kg	6010B
Barium		34.0	J	41.6	mg/Kg	6010B
Calcium		1190		1040	mg/Kg	6010B
Chromium		10.5		2.1	mg/Kg	6010B
Cobalt		4.0	J	10.4	mg/Kg	6010B
Copper		9.0		5.2	mg/Kg	6010B
Iron		9090		31.2	mg/Kg	6010B
Lead		2.9		1.0	mg/Kg	6010B
Magnesium		2240		1040	mg/Kg	6010B
Manganese		159		3.1	mg/Kg	6010B
Nickel		9.4		8.3	mg/Kg	6010B
Potassium		924	J	1040	mg/Kg	6010B
Vanadium		12.5		10.4	mg/Kg	6010B
Zinc		19.0		6.2	mg/Kg	6010B
Percent Moisture		10.1		1.0	%	Moisture
Percent Solids		89.9		1.0	%	Moisture

METHOD SUMMARY

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
TCL VOA + 10	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
TCL BNA + 25 TICs	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
TCL Pesticides (OLM04.2)	TAL EDI	SW846 8081A	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
PCBs	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
TAL Metals	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Cyanide, Total and/or Amenable	TAL EDI	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation	TAL EDI		SW846 9012A
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

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: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Zhao, Chunxin	CZ
SW846 8081A	Manlangit, Ferdie	FM
SW846 8081A	Selby, Calista	CS
SW846 8082	Selby, Calista	CS
SW846 6010B	Chang, Churn Der	CDC
SW846 7471A	Sheikh, Razia B	RBS
SW846 7471A	Staib, Thomas	TS
SW846 9012A	Vu, Huan	HV
EPA Moisture	Armbruster, Chris	CHA
EPA Moisture	Bobo, Steve	SB
EPA Moisture	Chang, Ryan	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61785.d
Dilution:	1.0			Initial Weight/Volume:	5.51 g
Analysis Date:	07/02/2012 0816			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0304				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.095	U	0.095	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		13	U	13	53
2-Butanone		5.9	J	0.66	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.21	U	0.21	11
Acetone		35	B	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.45	U	0.45	1.1
Carbon disulfide		0.23	J	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.35	U	0.35	1.1
Chloroform		0.25	U	0.25	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.17	J	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.2	B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.30	U	0.30	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61785.d
Dilution:	1.0			Initial Weight/Volume:	5.51 g
Analysis Date:	07/02/2012 0816			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0304				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.36	U	0.36	1.1
Xylenes, Total		0.71	U	0.71	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61785.d
Dilution:	1.0			Initial Weight/Volume:	5.51 g
Analysis Date:	07/02/2012 0816			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0304				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61786.d
Dilution:	1.0			Initial Weight/Volume:	4.81 g
Analysis Date:	07/02/2012 0841			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0305				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.17	U	0.17	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2,4-Trichlorobenzene		0.24	U	0.24	1.3
1,2-Dibromo-3-Chloropropane		0.57	U	0.57	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,2-Dichloroethane		0.23	U	0.23	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,4-Dioxane		16	U	16	64
2-Butanone		9.3	J	0.81	13
2-Hexanone		0.17	U	0.17	13
4-Methyl-2-pentanone		1.2	J	0.26	13
Acetone		43	B	2.2	13
Benzene		0.19	U	0.19	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.41	U	0.41	1.3
Bromoform		0.22	U	0.22	1.3
Bromomethane		0.55	U	0.55	1.3
Carbon disulfide		0.57	J	0.19	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Chlorobenzene		0.23	U	0.23	1.3
Chloroethane		0.42	U	0.42	1.3
Chloroform		0.31	U	0.31	1.3
Chloromethane		0.21	U	0.21	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
Cyclohexane		0.17	U	0.17	1.3
Dibromochloromethane		0.13	U	0.13	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Ethylbenzene		0.22	U	0.22	1.3
Freon TF		0.14	U	0.14	1.3
Isopropylbenzene		0.14	U	0.14	1.3
Methyl acetate		0.41	U	0.41	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Methylene Chloride		1.4	B	0.19	1.3
MTBE		0.14	U	0.14	1.3
Styrene		0.36	U	0.36	1.3
Tetrachloroethene		0.15	U	0.15	1.3
Toluene		0.30	J	0.18	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61786.d
Dilution:	1.0			Initial Weight/Volume:	4.81 g
Analysis Date:	07/02/2012 0841			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0305				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
Trichloroethene		0.15	U	0.15	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
Vinyl chloride		0.44	U	0.44	1.3
Xylenes, Total		0.86	U	0.86	3.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61786.d
Dilution:	1.0			Initial Weight/Volume:	4.81 g
Analysis Date:	07/02/2012 0841			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0305				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61787.d
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	07/02/2012 0906			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.097	U	0.097	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	54
2-Butanone		3.9	J	0.68	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		29	B	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.47	U	0.47	1.1
Carbon disulfide		0.20	J	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.36	U	0.36	1.1
Chloroform		0.26	U	0.26	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.25	J	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.2	B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.30	U	0.30	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61787.d
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	07/02/2012 0906			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.37	U	0.37	1.1
Xylenes, Total		0.73	U	0.73	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 130
Bromofluorobenzene	108		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61787.d
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	07/02/2012 0906			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0306				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61788.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	07/02/2012 0931			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0307				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,2-Dichloroethane		0.18	U	0.18	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,4-Dioxane		13	U	13	50
2-Butanone		3.6	J	0.63	10
2-Hexanone		0.13	U	0.13	10
4-Methyl-2-pentanone		0.20	U	0.20	10
Acetone		41	B	1.7	10
Benzene		0.15	U	0.15	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0
Bromoform		0.17	U	0.17	1.0
Bromomethane		0.43	U	0.43	1.0
Carbon disulfide		0.20	J	0.15	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Chlorobenzene		0.18	U	0.18	1.0
Chloroethane		0.33	U	0.33	1.0
Chloroform		0.24	U	0.24	1.0
Chloromethane		0.16	U	0.16	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
Cyclohexane		0.13	U	0.13	1.0
Dibromochloromethane		0.10	U	0.10	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Ethylbenzene		0.17	U	0.17	1.0
Freon TF		0.11	U	0.11	1.0
Isopropylbenzene		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Methylene Chloride		1.1	B	0.15	1.0
MTBE		0.11	U	0.11	1.0
Styrene		0.28	U	0.28	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61788.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	07/02/2012 0931			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0307				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Trichloroethene		0.12	U	0.12	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
Vinyl chloride		0.34	U	0.34	1.0
Xylenes, Total		0.67	U	0.67	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61788.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	07/02/2012 0931			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0307				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61814.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	07/02/2012 2058			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0308				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.098	U	0.098	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	54
2-Butanone		3.4	J	0.69	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		16	B	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U *	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.47	U	0.47	1.1
Carbon disulfide		0.19	J	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.36	U	0.36	1.1
Chloroform		0.26	U	0.26	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.2	B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.31	U	0.31	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.28	J	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5
Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61814.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	07/02/2012 2058			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0308				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.37	U	0.37	1.1
Xylenes, Total		0.73	U	0.73	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61814.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	07/02/2012 2058			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0308				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61789.d
Dilution:	1.0			Initial Weight/Volume:	4.57 g
Analysis Date:	07/02/2012 0956			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0310				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.16	U	0.16	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2,4-Trichlorobenzene		0.24	U	0.24	1.2
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.22	U	0.22	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.14	U	0.14	1.2
1,4-Dioxane		16	U	16	62
2-Butanone		4.2	J	0.79	12
2-Hexanone		0.16	U	0.16	12
4-Methyl-2-pentanone		1.0	J	0.25	12
Acetone		37	B	2.1	12
Benzene		0.19	U	0.19	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.40	U	0.40	1.2
Bromoform		0.21	U	0.21	1.2
Bromomethane		0.54	U	0.54	1.2
Carbon disulfide		0.22	J	0.19	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Chlorobenzene		0.22	U	0.22	1.2
Chloroethane		0.41	U	0.41	1.2
Chloroform		0.30	U	0.30	1.2
Chloromethane		0.20	U	0.20	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
Cyclohexane		0.16	U	0.16	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Ethylbenzene		0.21	U	0.21	1.2
Freon TF		0.14	U	0.14	1.2
Isopropylbenzene		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		1.4	B	0.19	1.2
MTBE		0.14	U	0.14	1.2
Styrene		0.35	U	0.35	1.2
Tetrachloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61789.d
Dilution:	1.0			Initial Weight/Volume:	4.57 g
Analysis Date:	07/02/2012 0956			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0310				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.15	U	0.15	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
Vinyl chloride		0.42	U	0.42	1.2
Xylenes, Total		0.84	U	0.84	3.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61789.d
Dilution:	1.0			Initial Weight/Volume:	4.57 g
Analysis Date:	07/02/2012 0956			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0310				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61790.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	07/02/2012 1021			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0311				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.18	U	0.18	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
1,3-Dichlorobenzene		0.18	U	0.18	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,4-Dioxane		15	U	15	58
2-Butanone		6.6	J	0.73	12
2-Hexanone		0.15	U	0.15	12
4-Methyl-2-pentanone		0.23	U	0.23	12
Acetone		37	B	1.9	12
Benzene		0.17	U	0.17	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2
Bromoform		0.20	U	0.20	1.2
Bromomethane		0.49	U	0.49	1.2
Carbon disulfide		0.34	J	0.17	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Chlorobenzene		0.21	U	0.21	1.2
Chloroethane		0.38	U	0.38	1.2
Chloroform		0.28	U	0.28	1.2
Chloromethane		0.18	U	0.18	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
Cyclohexane		0.15	U	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.25	U	0.25	1.2
Ethylbenzene		0.20	U	0.20	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		1.6	B	0.17	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.32	U	0.32	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61790.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	07/02/2012 1021			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0311				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.14	U	0.14	1.2
Trichlorofluoromethane		0.18	U	0.18	1.2
Vinyl chloride		0.39	U	0.39	1.2
Xylenes, Total		0.77	U	0.77	3.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	92		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61790.d
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Analysis Date:	07/02/2012 1021			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0311				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61791.d
Dilution:	1.0			Initial Weight/Volume:	3.69 g
Analysis Date:	07/02/2012 1046			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0312				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.25	U	0.25	1.9
1,1,2,2-Tetrachloroethane		0.17	U	0.17	1.9
1,1,2-Trichloroethane		0.27	U	0.27	1.9
1,1-Dichloroethane		0.21	U	0.21	1.9
1,1-Dichloroethene		0.36	U	0.36	1.9
1,2,3-Trichlorobenzene		0.31	U	0.31	1.9
1,2,4-Trichlorobenzene		0.36	U	0.36	1.9
1,2-Dibromo-3-Chloropropane		0.84	U	0.84	1.9
1,2-Dibromoethane		0.29	U	0.29	1.9
1,2-Dichlorobenzene		0.19	U	0.19	1.9
1,2-Dichloroethane		0.35	U	0.35	1.9
1,2-Dichloropropane		0.29	U	0.29	1.9
1,3-Dichlorobenzene		0.31	U	0.31	1.9
1,4-Dichlorobenzene		0.21	U	0.21	1.9
1,4-Dioxane		24	U	24	96
2-Butanone		19		1.2	19
2-Hexanone		0.25	U	0.25	19
4-Methyl-2-pentanone		0.38	U	0.38	19
Acetone		83	B	3.2	19
Benzene		0.29	U	0.29	1.9
Bromochloromethane		0.21	U	0.21	1.9
Bromodichloromethane		0.61	U	0.61	1.9
Bromoform		0.33	U	0.33	1.9
Bromomethane		0.83	U	0.83	1.9
Carbon disulfide		1.4	J	0.29	1.9
Carbon tetrachloride		0.29	U	0.29	1.9
Chlorobenzene		0.35	U	0.35	1.9
Chloroethane		0.63	U	0.63	1.9
Chloroform		0.46	U	0.46	1.9
Chloromethane		0.31	U	0.31	1.9
cis-1,2-Dichloroethene		0.21	U	0.21	1.9
cis-1,3-Dichloropropene		0.27	U	0.27	1.9
Cyclohexane		0.25	U	0.25	1.9
Dibromochloromethane		0.19	U	0.19	1.9
Dichlorodifluoromethane		0.42	U	0.42	1.9
Ethylbenzene		0.33	U	0.33	1.9
Freon TF		0.21	U	0.21	1.9
Isopropylbenzene		0.21	U	0.21	1.9
Methyl acetate		0.61	U	0.61	1.9
Methylcyclohexane		0.19	U	0.19	1.9
Methylene Chloride		2.2	B	0.29	1.9
MTBE		0.21	U	0.21	1.9
Styrene		0.54	U	0.54	1.9
Tetrachloroethene		0.23	U	0.23	1.9
Toluene		6.2		0.27	1.9
trans-1,2-Dichloroethene		0.25	U	0.25	1.9

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8 | Date Sampled: 06/26/2012 0930
Client Matrix: Solid | % Moisture: 29.4 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61791.d
Dilution:	1.0			Initial Weight/Volume:	3.69 g
Analysis Date:	07/02/2012 1046			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0312				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.19	U	0.19	1.9
Trichloroethene		0.23	U	0.23	1.9
Trichlorofluoromethane		0.31	U	0.31	1.9
Vinyl chloride		0.65	U	0.65	1.9
Xylenes, Total		1.3	U	1.3	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Bromofluorobenzene	103		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61791.d
Dilution:	1.0			Initial Weight/Volume:	3.69 g
Analysis Date:	07/02/2012 1046			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0312				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
64-17-5	Ethanol	1.45	830	J
80-56-8	.alpha.-Pinene	8.80	200	J N
	C10H20 Cycloalkane	9.65	13	J
127-91-3	.beta.-Pinene	9.83	230	J N
	C10H18 Cycloalkene	10.26	42	J
99-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-methyl	10.67	17	J N
	C10H18 Cycloalkene-1	10.82	53	J
5989-27-5	D-Limonene	10.89	45	J N
99-87-6	4-Isopropyltoluene	11.00	390	
	Unknown	13.04	16	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61816.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	07/02/2012 2148			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0313				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.13	U	0.13	0.99
1,1,2,2-Tetrachloroethane		0.089	U	0.089	0.99
1,1,2-Trichloroethane		0.14	U	0.14	0.99
1,1-Dichloroethane		0.11	U	0.11	0.99
1,1-Dichloroethene		0.19	U	0.19	0.99
1,2,3-Trichlorobenzene		0.16	U	0.16	0.99
1,2,4-Trichlorobenzene		0.19	U	0.19	0.99
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	0.99
1,2-Dibromoethane		0.15	U	0.15	0.99
1,2-Dichlorobenzene		0.099	U	0.099	0.99
1,2-Dichloroethane		0.18	U	0.18	0.99
1,2-Dichloropropane		0.15	U	0.15	0.99
1,3-Dichlorobenzene		0.16	U	0.16	0.99
1,4-Dichlorobenzene		0.11	U	0.11	0.99
1,4-Dioxane		13	U	13	50
2-Butanone		4.4	J	0.63	9.9
2-Hexanone		0.13	U	0.13	9.9
4-Methyl-2-pentanone		0.20	U	0.20	9.9
Acetone		29	B	1.7	9.9
Benzene		0.15	U	0.15	0.99
Bromochloromethane		0.11	U *	0.11	0.99
Bromodichloromethane		0.32	U	0.32	0.99
Bromoform		0.17	U	0.17	0.99
Bromomethane		0.43	U	0.43	0.99
Carbon disulfide		0.16	J	0.15	0.99
Carbon tetrachloride		0.15	U	0.15	0.99
Chlorobenzene		0.18	U	0.18	0.99
Chloroethane		0.33	U	0.33	0.99
Chloroform		0.24	U	0.24	0.99
Chloromethane		0.16	U	0.16	0.99
cis-1,2-Dichloroethene		0.11	U	0.11	0.99
cis-1,3-Dichloropropene		0.14	U	0.14	0.99
Cyclohexane		0.13	U	0.13	0.99
Dibromochloromethane		0.099	U	0.099	0.99
Dichlorodifluoromethane		0.22	U	0.22	0.99
Ethylbenzene		0.17	U	0.17	0.99
Freon TF		0.11	U	0.11	0.99
Isopropylbenzene		0.11	U	0.11	0.99
Methyl acetate		0.32	U	0.32	0.99
Methylcyclohexane		0.099	U	0.099	0.99
Methylene Chloride		1.1	B	0.15	0.99
MTBE		0.11	U	0.11	0.99
Styrene		0.28	U	0.28	0.99
Tetrachloroethene		0.12	U	0.12	0.99
Toluene		0.14	U	0.14	0.99
trans-1,2-Dichloroethene		0.13	U	0.13	0.99

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61816.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	07/02/2012 2148			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0313				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
Trichloroethene		0.12	U	0.12	0.99
Trichlorofluoromethane		0.16	U	0.16	0.99
Vinyl chloride		0.34	U	0.34	0.99
Xylenes, Total		0.67	U	0.67	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61816.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	07/02/2012 2148			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0313				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61817.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	07/02/2012 2213			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,4-Dioxane		15	U	15	59
2-Butanone		0.75	U	0.75	12
2-Hexanone		0.15	U	0.15	12
4-Methyl-2-pentanone		0.24	U	0.24	12
Acetone		44	B	2.0	12
Benzene		0.18	U	0.18	1.2
Bromochloromethane		0.13	U *	0.13	1.2
Bromodichloromethane		0.38	U	0.38	1.2
Bromoform		0.20	U	0.20	1.2
Bromomethane		0.51	U	0.51	1.2
Carbon disulfide		0.18	U	0.18	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Chlorobenzene		0.21	U	0.21	1.2
Chloroethane		0.39	U	0.39	1.2
Chloroform		0.29	U	0.29	1.2
Chloromethane		0.19	U	0.19	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
Cyclohexane		0.15	U	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Ethylbenzene		0.20	U	0.20	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.13	U	0.13	1.2
Methyl acetate		0.38	U	0.38	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		1.6	B	0.18	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.33	U	0.33	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Toluene		0.17	U	0.17	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61817.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	07/02/2012 2213			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.14	U	0.14	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
Vinyl chloride		0.40	U	0.40	1.2
Xylenes, Total		0.80	U	0.80	3.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6

Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61817.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	07/02/2012 2213			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61818.d
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	07/02/2012 2238			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
1,1-Dichloroethane		0.13	U	0.13	1.1
1,1-Dichloroethene		0.22	U	0.22	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.22	U	0.22	1.1
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.21	U	0.21	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.13	U	0.13	1.1
1,4-Dioxane		14	U	14	57
2-Butanone		0.72	U	0.72	11
2-Hexanone		0.15	U	0.15	11
4-Methyl-2-pentanone		0.23	U	0.23	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.13	U *	0.13	1.1
Bromodichloromethane		0.37	U	0.37	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.49	U	0.49	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.21	U	0.21	1.1
Chloroethane		0.38	U	0.38	1.1
Chloroform		0.27	U	0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.13	U	0.13	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
Cyclohexane		0.15	U	0.15	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.13	U	0.13	1.1
Isopropylbenzene		0.13	U	0.13	1.1
Methyl acetate		0.37	U	0.37	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.3	B	0.17	1.1
MTBE		0.13	U	0.13	1.1
Styrene		0.32	U	0.32	1.1
Tetrachloroethene		0.14	U	0.14	1.1
Toluene		0.16	U	0.16	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61818.d
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	07/02/2012 2238			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.14	U	0.14	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.39	U	0.39	1.1
Xylenes, Total		0.76	U	0.76	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Bromofluorobenzene	80		70 - 130
Toluene-d8 (Surr)	75		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61818.d
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	07/02/2012 2238			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0314				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61819.d
Dilution:	1.0			Initial Weight/Volume:	4.90 g
Analysis Date:	07/02/2012 2303			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0315				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	56
2-Butanone		0.71	U	0.71	11
2-Hexanone		0.15	U	0.15	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U *	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.48	U	0.48	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.37	U	0.37	1.1
Chloroform		0.27	U	0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
Cyclohexane		0.15	U	0.15	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.3	B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.31	U	0.31	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61819.d
Dilution:	1.0			Initial Weight/Volume:	4.90 g
Analysis Date:	07/02/2012 2303			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0315				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.38	U	0.38	1.1
Xylenes, Total		0.75	U	0.75	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61819.d
Dilution:	1.0			Initial Weight/Volume:	4.90 g
Analysis Date:	07/02/2012 2303			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0315				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13 | Date Sampled: 06/25/2012 1255
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61820.d
Dilution:	1.0			Initial Weight/Volume:	4.92 g
Analysis Date:	07/02/2012 2328			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0316				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,4-Dioxane		15	U	15	59
2-Butanone		44		0.75	12
2-Hexanone		0.15	U	0.15	12
4-Methyl-2-pentanone		0.24	U	0.24	12
Acetone		190	B	2.0	12
Benzene		0.18	U	0.18	1.2
Bromochloromethane		0.13	U *	0.13	1.2
Bromodichloromethane		0.38	U	0.38	1.2
Bromoform		0.20	U	0.20	1.2
Bromomethane		0.51	U	0.51	1.2
Carbon disulfide		2.6		0.18	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Chlorobenzene		0.21	U	0.21	1.2
Chloroethane		0.39	U	0.39	1.2
Chloroform		0.28	U	0.28	1.2
Chloromethane		0.19	U	0.19	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
Cyclohexane		0.15	U	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Ethylbenzene		0.20	U	0.20	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.20	J	0.13	1.2
Methyl acetate		0.38	U	0.38	1.2
Methylcyclohexane		2.0		0.12	1.2
Methylene Chloride		1.4	B	0.18	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.33	U	0.33	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Toluene		0.30	J	0.17	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13 | Date Sampled: 06/25/2012 1255
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61820.d
Dilution:	1.0			Initial Weight/Volume:	4.92 g
Analysis Date:	07/02/2012 2328			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0316				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.14	U	0.14	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
Vinyl chloride		0.40	U	0.40	1.2
Xylenes, Total		0.79	U	0.79	3.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61820.d
Dilution:	1.0			Initial Weight/Volume:	4.92 g
Analysis Date:	07/02/2012 2328			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0316				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-117582	Lab File ID:	e05041.d
Dilution:	50			Initial Weight/Volume:	2.71 g
Analysis Date:	07/03/2012 2245			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0213				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		14	U	14	220
1,1,2,2-Tetrachloroethane		34	U	34	220
1,1,2-Trichloroethane		41	U	41	220
1,1-Dichloroethane		28	U	28	220
1,1-Dichloroethene		19	U	19	220
1,2,3-Trichlorobenzene		110	U	110	220
1,2,4-Trichlorobenzene		75	U	75	220
1,2-Dibromo-3-Chloropropane		87	U	87	220
1,2-Dibromoethane		60	U	60	220
1,2-Dichlorobenzene		45	U	45	220
1,2-Dichloroethane		41	U	41	220
1,2-Dichloropropane		19	U	19	220
1,3-Dichlorobenzene		30	U	30	220
1,4-Dichlorobenzene		160	J	51	220
1,4-Dioxane		7900	U	7900	11000
2-Butanone		620	J	510	1100
2-Hexanone		110	U	110	1100
4-Methyl-2-pentanone		220	U	220	1100
Acetone		1900		590	1100
Benzene		18	U	18	220
Bromochloromethane		60	U	60	220
Bromodichloromethane		27	U	27	220
Bromoform		42	U	42	220
Bromomethane		40	U	40	220
Carbon disulfide		260		27	220
Carbon tetrachloride		12	U	12	220
Chlorobenzene		24	U	24	220
Chloroethane		37	U	37	220
Chloroform		17	U	17	220
Chloromethane		21	U	21	220
cis-1,2-Dichloroethene		39	U	39	220
cis-1,3-Dichloropropene		40	U	40	220
Cyclohexane		35	U	35	220
Dibromochloromethane		44	U	44	220
Dichlorodifluoromethane		47	U	47	220
Ethylbenzene		59	J	21	220
Freon TF		18	U	18	220
Isopropylbenzene		130	J	17	220
Methyl acetate		1700		73	440
Methylcyclohexane		370		30	220
Methylene Chloride		40	U	40	220
MTBE		30	U	30	220
Styrene		26	U	26	220
Tetrachloroethene		21	U	21	220
Toluene		360		33	220
trans-1,2-Dichloroethene		28	U	28	220

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14 | Date Sampled: 06/25/2012 1300
Client Matrix: Solid | % Moisture: 15.6 | Date Received: 06/26/2012 1845

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-117582	Lab File ID:	e05041.d
Dilution:	50			Initial Weight/Volume:	2.71 g
Analysis Date:	07/03/2012 2245			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0213				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		53	U	53	220
Trichloroethene		37	J	20	220
Trichlorofluoromethane		32	U	32	220
Vinyl chloride		32	U	32	220
Xylenes, Total		650	J	78	660

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		75 - 135
Toluene-d8 (Surr)	89		59 - 150
Bromofluorobenzene	90		72 - 133

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61803.d
Dilution:	1.0			Initial Weight/Volume:	4.63 g
Analysis Date:	07/02/2012 1552			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0318				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.16	U	0.16	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,2-Dichloroethane		0.22	U	0.22	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,4-Dioxane		15	U	15	61
2-Butanone		0.77	U	0.77	12
2-Hexanone		0.16	U	0.16	12
4-Methyl-2-pentanone		0.24	U	0.24	12
Acetone		2.1	U	2.1	12
Benzene		0.18	U	0.18	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2
Bromoform		0.21	U	0.21	1.2
Bromomethane		0.52	U	0.52	1.2
Carbon disulfide		0.18	U	0.18	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Chlorobenzene		0.22	U	0.22	1.2
Chloroethane		0.40	U	0.40	1.2
Chloroform		0.29	U	0.29	1.2
Chloromethane		0.20	U	0.20	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
Cyclohexane		0.16	U	0.16	1.2
Dibromochloromethane		0.12	U	0.12	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Ethylbenzene		0.21	U	0.21	1.2
Freon TF		0.13	U	0.13	1.2
Isopropylbenzene		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Methylene Chloride		0.98	J B	0.18	1.2
MTBE		0.13	U	0.13	1.2
Styrene		0.34	U	0.34	1.2
Tetrachloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61803.d
Dilution:	1.0			Initial Weight/Volume:	4.63 g
Analysis Date:	07/02/2012 1552			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0318				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Trichloroethene		0.15	U	0.15	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
Vinyl chloride		0.42	U	0.42	1.2
Xylenes, Total		0.82	U	0.82	3.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61803.d
Dilution:	1.0			Initial Weight/Volume:	4.63 g
Analysis Date:	07/02/2012 1552			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0318				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61804.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	07/02/2012 1617			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0319				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.17	U	0.17	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3
1,1,2-Trichloroethane		0.19	U	0.19	1.3
1,1-Dichloroethane		0.15	U	0.15	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2,4-Trichlorobenzene		0.25	U	0.25	1.3
1,2-Dibromo-3-Chloropropane		0.59	U	0.59	1.3
1,2-Dibromoethane		0.20	U	0.20	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,2-Dichloroethane		0.24	U	0.24	1.3
1,2-Dichloropropane		0.20	U	0.20	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.15	U	0.15	1.3
1,4-Dioxane		17	U	17	67
2-Butanone		2.2	J	0.85	13
2-Hexanone		0.17	U	0.17	13
4-Methyl-2-pentanone		0.27	U	0.27	13
Acetone		27	B	2.3	13
Benzene		0.20	U	0.20	1.3
Bromochloromethane		0.15	U	0.15	1.3
Bromodichloromethane		0.43	U	0.43	1.3
Bromoform		0.23	U	0.23	1.3
Bromomethane		0.58	U	0.58	1.3
Carbon disulfide		0.20	U	0.20	1.3
Carbon tetrachloride		0.20	U	0.20	1.3
Chlorobenzene		0.24	U	0.24	1.3
Chloroethane		0.44	U	0.44	1.3
Chloroform		0.32	U	0.32	1.3
Chloromethane		0.21	U	0.21	1.3
cis-1,2-Dichloroethene		0.15	U	0.15	1.3
cis-1,3-Dichloropropene		0.19	U	0.19	1.3
Cyclohexane		0.17	U	0.17	1.3
Dibromochloromethane		0.13	U	0.13	1.3
Dichlorodifluoromethane		0.30	U	0.30	1.3
Ethylbenzene		0.23	U	0.23	1.3
Freon TF		0.15	U	0.15	1.3
Isopropylbenzene		0.15	U	0.15	1.3
Methyl acetate		0.43	U	0.43	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Methylene Chloride		1.6	B	0.20	1.3
MTBE		0.15	U	0.15	1.3
Styrene		0.38	U	0.38	1.3
Tetrachloroethene		0.16	U	0.16	1.3
Toluene		0.23	J	0.19	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16 | Date Sampled: 06/26/2012 1124
Client Matrix: Solid | % Moisture: 7.3 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61804.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	07/02/2012 1617			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0319				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
Trichloroethene		0.16	U	0.16	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
Vinyl chloride		0.46	U	0.46	1.3
Xylenes, Total		0.90	U	0.90	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61804.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	07/02/2012 1617			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0319				

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
64-17-5	Ethanol	1.46	250	J
80-56-8	.alpha.-Pinene	8.80	55	J N
555-10-2	.beta.-Phellandrene	9.78	20	J N
127-91-3	.beta.-Pinene	9.83	16	J N
5989-27-5	D-Limonene	10.89	63	J N

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-117582	Lab File ID:	e05042.d
Dilution:	50			Initial Weight/Volume:	2.88 g
Analysis Date:	07/03/2012 2308			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0214				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		27	U	27	440
1,1,2,2-Tetrachloroethane		69	U	69	440
1,1,2-Trichloroethane		82	U	82	440
1,1-Dichloroethane		57	U	57	440
1,1-Dichloroethene		39	U	39	440
1,2,3-Trichlorobenzene		220	U	220	440
1,2,4-Trichlorobenzene		150	U	150	440
1,2-Dibromo-3-Chloropropane		180	U	180	440
1,2-Dibromoethane		120	U	120	440
1,2-Dichlorobenzene		1100		90	440
1,2-Dichloroethane		83	U	83	440
1,2-Dichloropropane		38	U	38	440
1,3-Dichlorobenzene		83	J	59	440
1,4-Dichlorobenzene		1400		100	440
1,4-Dioxane		16000	U	16000	22000
2-Butanone		1000	U	1000	2200
2-Hexanone		220	U	220	2200
4-Methyl-2-pentanone		430	U	430	2200
Acetone		2600		1200	2200
Benzene		36	U	36	440
Bromochloromethane		120	U	120	440
Bromodichloromethane		55	U	55	440
Bromoform		84	U	84	440
Bromomethane		79	U	79	440
Carbon disulfide		250	J	55	440
Carbon tetrachloride		25	U	25	440
Chlorobenzene		48	U	48	440
Chloroethane		74	U	74	440
Chloroform		34	U	34	440
Chloromethane		42	U	42	440
cis-1,2-Dichloroethene		78	U	78	440
cis-1,3-Dichloropropene		81	U	81	440
Cyclohexane		69	U	69	440
Dibromochloromethane		87	U	87	440
Dichlorodifluoromethane		94	U	94	440
Ethylbenzene		91	J	42	440
Freon TF		36	U	36	440
Isopropylbenzene		220	J	34	440
Methyl acetate		3300		150	880
Methylcyclohexane		86	J	59	440
Methylene Chloride		80	U	80	440
MTBE		60	U	60	440
Styrene		52	U	52	440
Tetrachloroethene		43	U	43	440
Toluene		8600		65	440
trans-1,2-Dichloroethene		56	U	56	440

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17 | Date Sampled: 06/26/2012 1132
Client Matrix: Solid | % Moisture: 60.3 | Date Received: 06/26/2012 1845

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-117582	Lab File ID:	e05042.d
Dilution:	50			Initial Weight/Volume:	2.88 g
Analysis Date:	07/03/2012 2308			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0214				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		110	U	110	440
Trichloroethene		74	J	40	440
Trichlorofluoromethane		64	U	64	440
Vinyl chloride		63	U	63	440
Xylenes, Total		890	J	160	1300

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 135
Toluene-d8 (Surr)	85		59 - 150
Bromofluorobenzene	84		72 - 133

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61821.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	07/02/2012 2353			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0321				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.15	U	0.15	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	57
2-Butanone		0.71	U	0.71	11
2-Hexanone		0.15	U	0.15	11
4-Methyl-2-pentanone		0.23	U	0.23	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U *	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.49	U	0.49	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.37	U	0.37	1.1
Chloroform		0.27	U	0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
Cyclohexane		0.15	U	0.15	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.0	J B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.32	U	0.32	1.1
Tetrachloroethene		0.14	U	0.14	1.1
Toluene		0.16	U	0.16	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61821.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	07/02/2012 2353			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0321				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.14	U	0.14	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.38	U	0.38	1.1
Xylenes, Total		0.76	U	0.76	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18 | Date Sampled: 06/26/2012 1310
Client Matrix: Solid | % Moisture: 9.4 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61821.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	07/02/2012 2353			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0321				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61822.d
Dilution:	1.0			Initial Weight/Volume:	5.34 g
Analysis Date:	07/03/2012 0018			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		13	U	13	53
2-Butanone		5.6	J	0.67	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.21	U	0.21	11
Acetone		38	B	1.8	11
Benzene		0.16	U	0.16	1.1
Bromochloromethane		0.12	U *	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1
Bromoform		0.18	U	0.18	1.1
Bromomethane		0.46	U	0.46	1.1
Carbon disulfide		0.25	J	0.16	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Chlorobenzene		0.19	U	0.19	1.1
Chloroethane		0.35	U	0.35	1.1
Chloroform		0.26	U	0.26	1.1
Chloromethane		0.17	U	0.17	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Ethylbenzene		0.18	U	0.18	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.2	B	0.16	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.30	U	0.30	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61822.d
Dilution:	1.0			Initial Weight/Volume:	5.34 g
Analysis Date:	07/03/2012 0018			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
Vinyl chloride		0.36	U	0.36	1.1
Xylenes, Total		0.71	U	0.71	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61822.d
Dilution:	1.0			Initial Weight/Volume:	5.34 g
Analysis Date:	07/03/2012 0018			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61823.d
Dilution:	1.0			Initial Weight/Volume:	3.90 g
Analysis Date:	07/03/2012 0043			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.19	U	0.19	1.5
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.5
1,1,2-Trichloroethane		0.20	U	0.20	1.5
1,1-Dichloroethane		0.16	U	0.16	1.5
1,1-Dichloroethene		0.28	U	0.28	1.5
1,2,3-Trichlorobenzene		0.23	U	0.23	1.5
1,2,4-Trichlorobenzene		0.28	U	0.28	1.5
1,2-Dibromo-3-Chloropropane		0.64	U	0.64	1.5
1,2-Dibromoethane		0.22	U	0.22	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,2-Dichloroethane		0.26	U	0.26	1.5
1,2-Dichloropropane		0.22	U	0.22	1.5
1,3-Dichlorobenzene		0.23	U	0.23	1.5
1,4-Dichlorobenzene		0.16	U	0.16	1.5
1,4-Dioxane		18	U	18	73
2-Butanone		0.91	U	0.91	15
2-Hexanone		0.19	U	0.19	15
4-Methyl-2-pentanone		0.29	U	0.29	15
Acetone		2.5	U	2.5	15
Benzene		0.22	U	0.22	1.5
Bromochloromethane		0.16	U *	0.16	1.5
Bromodichloromethane		0.46	U	0.46	1.5
Bromoform		0.25	U	0.25	1.5
Bromomethane		0.62	U	0.62	1.5
Carbon disulfide		0.22	U	0.22	1.5
Carbon tetrachloride		0.22	U	0.22	1.5
Chlorobenzene		0.26	U	0.26	1.5
Chloroethane		0.48	U	0.48	1.5
Chloroform		0.35	U	0.35	1.5
Chloromethane		0.23	U	0.23	1.5
cis-1,2-Dichloroethene		0.16	U	0.16	1.5
cis-1,3-Dichloropropene		0.20	U	0.20	1.5
Cyclohexane		0.19	U	0.19	1.5
Dibromochloromethane		0.15	U	0.15	1.5
Dichlorodifluoromethane		0.32	U	0.32	1.5
Ethylbenzene		0.25	U	0.25	1.5
Freon TF		0.16	U	0.16	1.5
Isopropylbenzene		0.16	U	0.16	1.5
Methyl acetate		0.46	U	0.46	1.5
Methylcyclohexane		0.15	U	0.15	1.5
Methylene Chloride		1.5	B	0.22	1.5
MTBE		0.16	U	0.16	1.5
Styrene		0.41	U	0.41	1.5
Tetrachloroethene		0.17	U	0.17	1.5
Toluene		0.20	U	0.20	1.5
trans-1,2-Dichloroethene		0.19	U	0.19	1.5

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21 | Date Sampled: 06/26/2012 1355
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61823.d
Dilution:	1.0			Initial Weight/Volume:	3.90 g
Analysis Date:	07/03/2012 0043			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
Trichloroethene		0.17	U	0.17	1.5
Trichlorofluoromethane		0.23	U	0.23	1.5
Vinyl chloride		0.49	U	0.49	1.5
Xylenes, Total		0.97	U	0.97	4.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61823.d
Dilution:	1.0			Initial Weight/Volume:	3.90 g
Analysis Date:	07/03/2012 0043			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22 | Date Sampled: 06/26/2012 1420
Client Matrix: Solid | % Moisture: 10.4 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61824.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	07/03/2012 0108			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.14	U	0.14	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,4-Dioxane		14	U	14	55
2-Butanone		0.70	U	0.70	11
2-Hexanone		0.14	U	0.14	11
4-Methyl-2-pentanone		0.22	U	0.22	11
Acetone		1.9	U	1.9	11
Benzene		0.17	U	0.17	1.1
Bromochloromethane		0.12	U *	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1
Bromoform		0.19	U	0.19	1.1
Bromomethane		0.48	U	0.48	1.1
Carbon disulfide		0.17	U	0.17	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Chlorobenzene		0.20	U	0.20	1.1
Chloroethane		0.37	U	0.37	1.1
Chloroform		0.27	U	0.27	1.1
Chloromethane		0.18	U	0.18	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
Cyclohexane		0.14	U	0.14	1.1
Dibromochloromethane		0.11	U	0.11	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Ethylbenzene		0.19	U	0.19	1.1
Freon TF		0.12	U	0.12	1.1
Isopropylbenzene		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Methylene Chloride		1.1	B	0.17	1.1
MTBE		0.12	U	0.12	1.1
Styrene		0.31	U	0.31	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22 | Date Sampled: 06/26/2012 1420
Client Matrix: Solid | % Moisture: 10.4 | Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61824.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	07/03/2012 0108			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Trichloroethene		0.13	U	0.13	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
Vinyl chloride		0.38	U	0.38	1.1
Xylenes, Total		0.74	U	0.74	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61824.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	07/03/2012 0108			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61825.d
Dilution:	1.0			Initial Weight/Volume:	4.41 g
Analysis Date:	07/03/2012 0133			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		0.16	U	0.16	1.3
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.20	U	0.20	1.3
1,2,4-Trichlorobenzene		0.24	U	0.24	1.3
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,2-Dichloroethane		0.23	U	0.23	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
1,3-Dichlorobenzene		0.20	U	0.20	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,4-Dioxane		16	U	16	63
2-Butanone		0.79	U	0.79	13
2-Hexanone		0.16	U	0.16	13
4-Methyl-2-pentanone		0.25	U	0.25	13
Acetone		2.1	U	2.1	13
Benzene		0.19	U	0.19	1.3
Bromochloromethane		0.14	U *	0.14	1.3
Bromodichloromethane		0.40	U	0.40	1.3
Bromoform		0.21	U	0.21	1.3
Bromomethane		0.54	U	0.54	1.3
Carbon disulfide		0.19	U	0.19	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Chlorobenzene		0.23	U	0.23	1.3
Chloroethane		0.42	U	0.42	1.3
Chloroform		0.30	U	0.30	1.3
Chloromethane		0.20	U	0.20	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
Cyclohexane		0.16	U	0.16	1.3
Dibromochloromethane		0.13	U	0.13	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Ethylbenzene		0.21	U	0.21	1.3
Freon TF		0.14	U	0.14	1.3
Isopropylbenzene		0.14	U	0.14	1.3
Methyl acetate		0.40	U	0.40	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Methylene Chloride		1.4	B	0.19	1.3
MTBE		0.14	U	0.14	1.3
Styrene		0.35	U	0.35	1.3
Tetrachloroethene		0.15	U	0.15	1.3
Toluene		0.18	U	0.18	1.3
trans-1,2-Dichloroethene		0.16	U	0.16	1.3

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61825.d
Dilution:	1.0			Initial Weight/Volume:	4.41 g
Analysis Date:	07/03/2012 0133			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
Trichloroethene		0.15	U	0.15	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
Vinyl chloride		0.43	U	0.43	1.3
Xylenes, Total		0.84	U	0.84	3.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-117585	Lab File ID:	o61825.d
Dilution:	1.0			Initial Weight/Volume:	4.41 g
Analysis Date:	07/03/2012 0133			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0420				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9
Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78043.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1441			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		65	U	65	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9
Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78043.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1441			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
1,4-Dioxane		28	U	28	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	92		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78043.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1441			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	8.81	480	J
	Unknown-2	11.10	440	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78047.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1602			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		55	U	55	410
2-Chlorophenol		54	U	54	410
2-Methylphenol		70	U	70	410
4-Methylphenol		80	U	80	410
Benzaldehyde		48	U	48	410
Acetophenone		63	U	63	410
Bis(2-chloroethyl)ether		5.6	U	5.6	41
2,2'-oxybis[1-chloropropane]		45	U	45	410
N-Nitrosodi-n-propylamine		6.8	U	6.8	41
Nitrobenzene		5.8	U	5.8	41
Hexachloroethane		4.5	U	4.5	41
Isophorone		49	U	49	410
2-Nitrophenol		46	U	46	410
2,4-Dimethylphenol		100	U	100	410
2,4-Dichlorophenol		60	U	60	410
Bis(2-chloroethoxy)methane		53	U	53	410
Naphthalene		47	U	47	410
4-Chloroaniline		110	U	110	410
Hexachlorobutadiene		10	U	10	83
Caprolactam		94	U	94	410
4-Chloro-3-methylphenol		62	U	62	410
2-Methylnaphthalene		52	U	52	410
Hexachlorobenzene		5.6	U	5.6	41
Hexachlorocyclopentadiene		48	U	48	410
2,4,6-Trichlorophenol		48	U	48	410
2,4,5-Trichlorophenol		53	U	53	410
Diphenyl		55	U	55	410
2-Chloronaphthalene		46	U	46	410
2-Nitroaniline		170	U	170	830
2,6-Dinitrotoluene		12	U	12	83
Dimethyl phthalate		48	U	48	410
Acenaphthylene		48	U	48	410
3-Nitroaniline		140	U	140	830
Acenaphthene		59	U	59	410
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		48	U	48	410
Diethyl phthalate		49	U	49	410
Fluorene		52	U	52	410
Fluoranthene		54	U	54	410
Di-n-butyl phthalate		50	U	50	410
2,4-Dinitrotoluene		13	U	13	83
4-Chlorophenyl phenyl ether		48	U	48	410
4-Nitroaniline		130	U	130	830
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		40	U	40	410

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78047.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1602			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		63	U	63	410
Anthracene		50	U	50	410
Carbazole		48	U	48	410
Phenanthrene		52	U	52	410
Pentachlorophenol		120	U	120	1200
Pyrene		34	U	34	410
Chrysene		48	U	48	410
Benzo[k]fluoranthene		3.1	U	3.1	41
Benzo[g,h,i]perylene		30	U	30	410
Benzo[b]fluoranthene		2.6	U	2.6	41
Benzo[a]pyrene		2.9	U	2.9	41
Benzo[a]anthracene		2.8	U	2.8	41
N-Nitrosodiphenylamine		40	U	40	410
Butyl benzyl phthalate		37	U	37	410
Bis(2-ethylhexyl) phthalate		140	U	140	410
Di-n-octyl phthalate		26	U	26	410
Indeno[1,2,3-cd]pyrene		7.6	U	7.6	41
Dibenz(a,h)anthracene		5.1	U	5.1	41
3,3'-Dichlorobenzidine		140	U	140	830
1,2,4,5-Tetrachlorobenzene		55	U *	55	410
2,3,4,6-Tetrachlorophenol		53	U	53	410
1,4-Dioxane		30	U	30	410

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	96		41 - 118
Terphenyl-d14	103		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	101		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78047.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1602			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **11**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Aldehyde	11.81	780	J
	Unknown Alkane-1	12.05	460	J
	Unknown-1	12.18	620	J
	Unknown-2	12.69	340	J
	Unknown Alkane-2	12.94	650	J
	Unknown-3	13.63	440	J
	Unknown Alkane-3	13.88	460	J
	Unknown-4	14.12	1700	J
	Unknown-5	14.23	450	J
	Unknown-6	15.29	560	J
	Unknown-7	15.72	430	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78031.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1039			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		66	U	66	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		43	U	43	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78031.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1039			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
1,4-Dioxane		28	U	28	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	94		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	86		10 - 120
2-Fluorophenol	104		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78031.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1039			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78032.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1059			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		63	U	63	370
4-Methylphenol		73	U	73	370
Benzaldehyde		43	U	43	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		98	U	98	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78032.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1059			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	94		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	97		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78032.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1059			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5
Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78049.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1642			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		67	U	67	390
4-Methylphenol		77	U	77	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.5	U	9.5	79
Caprolactam		90	U	90	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	790
2,6-Dinitrotoluene		12	U	12	79
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	79
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5
Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78049.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1642			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		50	U	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		52	J	33	390
Chrysene		46	U	46	390
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	790
1,2,4,5-Tetrachlorobenzene		53	U	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390
1,4-Dioxane		28	U	28	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	54		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	101		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	52		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78049.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1642			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	12.94	320	J
	Unknown-1	14.14	520	J
	Unknown-2	14.18	340	J
	Unknown-3	15.72	610	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4
Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78033.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1119			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		46	U	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	380

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78033.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1119			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U *	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380
1,4-Dioxane		27	U	27	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	94		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	94		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78033.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1119			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.80	320	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78054.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1824			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	770
2-Chlorophenol		100	U	100	770
2-Methylphenol		130	U	130	770
4-Methylphenol		150	U	150	770
Benzaldehyde		91	U	91	770
Acetophenone		120	U	120	770
Bis(2-chloroethyl)ether		11	U	11	77
2,2'-oxybis[1-chloropropane]		85	U	85	770
N-Nitrosodi-n-propylamine		13	U	13	77
Nitrobenzene		11	U	11	77
Hexachloroethane		8.6	U	8.6	77
Isophorone		93	U	93	770
2-Nitrophenol		86	U	86	770
2,4-Dimethylphenol		190	U	190	770
2,4-Dichlorophenol		110	U	110	770
Bis(2-chloroethoxy)methane		100	U	100	770
Naphthalene		89	U	89	770
4-Chloroaniline		200	U	200	770
Hexachlorobutadiene		19	U	19	160
Caprolactam		180	U	180	770
4-Chloro-3-methylphenol		120	U	120	770
2-Methylnaphthalene		99	U	99	770
Hexachlorobenzene		11	U	11	77
Hexachlorocyclopentadiene		91	U	91	770
2,4,6-Trichlorophenol		90	U	90	770
2,4,5-Trichlorophenol		100	U	100	770
Diphenyl		100	U	100	770
2-Chloronaphthalene		86	U	86	770
2-Nitroaniline		320	U	320	1600
2,6-Dinitrotoluene		23	U	23	160
Dimethyl phthalate		91	U	91	770
Acenaphthylene		91	U	91	770
3-Nitroaniline		270	U	270	1600
Acenaphthene		660	J	110	770
4-Nitrophenol		500	U	500	2300
2,4-Dinitrophenol		440	U	440	2300
Dibenzofuran		420	J	90	770
Diethyl phthalate		92	U	92	770
Fluorene		950		99	770
Fluoranthene		15000		100	770
Di-n-butyl phthalate		95	U	95	770
2,4-Dinitrotoluene		25	U	25	160
4-Chlorophenyl phenyl ether		90	U	90	770
4-Nitroaniline		240	U	240	1600
4,6-Dinitro-2-methylphenol		210	U	210	2300
4-Bromophenyl phenyl ether		76	U	76	770

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78054.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1824			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	770
Anthracene		2100		94	770
Carbazole		870		91	770
Phenanthrene		11000		98	770
Pentachlorophenol		230	U	230	2300
Pyrene		15000		65	770
Chrysene		6000		90	770
Benzo[k]fluoranthene		2000		5.9	77
Benzo[g,h,i]perylene		2700		57	770
Benzo[b]fluoranthene		5800		4.9	77
Benzo[a]pyrene		4700		5.5	77
Benzo[a]anthracene		6300		5.4	77
N-Nitrosodiphenylamine		76	U	76	770
Butyl benzyl phthalate		71	U	71	770
Bis(2-ethylhexyl) phthalate		260	U	260	770
Di-n-octyl phthalate		49	U	49	770
Indeno[1,2,3-cd]pyrene		3100		14	77
Dibenz(a,h)anthracene		750		9.7	77
3,3'-Dichlorobenzidine		270	U	270	1600
1,2,4,5-Tetrachlorobenzene		100	U *	100	770
2,3,4,6-Tetrachlorophenol		100	U	100	770
1,4-Dioxane		56	U	56	770

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	92		41 - 118
Terphenyl-d14	99		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	87		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78054.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1824			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **11**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C15H12 PAH-1	8.47	1000	J
	C15H12 PAH-2	8.50	1400	J
	C15H10 PAH	8.57	1500	J
	C16H12 PAH	8.77	1000	J
84-65-1	9,10-Anthracenedione	8.79	730	J N
	C17H12 PAH-1	9.71	1500	J
	C17H12 PAH-2	9.77	870	J
	C17H12 PAH-3	9.80	1100	J
	C18H14 PAH	10.12	780	J
	C20H12 PAH-1	12.10	2600	J
	C20H12 PAH-2	12.27	1600	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4
Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78034.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1139			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		63	U	63	470
2-Chlorophenol		62	U	62	470
2-Methylphenol		80	U	80	470
4-Methylphenol		92	U	92	470
Benzaldehyde		55	U	55	470
Acetophenone		72	U	72	470
Bis(2-chloroethyl)ether		6.4	U	6.4	47
2,2'-oxybis[1-chloropropane]		52	U	52	470
N-Nitrosodi-n-propylamine		7.8	U	7.8	47
Nitrobenzene		6.7	U	6.7	47
Hexachloroethane		5.2	U	5.2	47
Isophorone		57	U	57	470
2-Nitrophenol		52	U	52	470
2,4-Dimethylphenol		120	U	120	470
2,4-Dichlorophenol		69	U	69	470
Bis(2-chloroethoxy)methane		60	U	60	470
Naphthalene		54	U	54	470
4-Chloroaniline		120	U	120	470
Hexachlorobutadiene		11	U	11	95
Caprolactam		110	U	110	470
4-Chloro-3-methylphenol		71	U	71	470
2-Methylnaphthalene		60	U	60	470
Hexachlorobenzene		6.4	U	6.4	47
Hexachlorocyclopentadiene		55	U	55	470
2,4,6-Trichlorophenol		55	U	55	470
2,4,5-Trichlorophenol		60	U	60	470
Diphenyl		63	U	63	470
2-Chloronaphthalene		52	U	52	470
2-Nitroaniline		200	U	200	950
2,6-Dinitrotoluene		14	U	14	95
Dimethyl phthalate		56	U	56	470
Acenaphthylene		55	U	55	470
3-Nitroaniline		170	U	170	950
Acenaphthene		68	U	68	470
4-Nitrophenol		300	U	300	1400
2,4-Dinitrophenol		270	U	270	1400
Dibenzofuran		55	U	55	470
Diethyl phthalate		56	U	56	470
Fluorene		60	U	60	470
Fluoranthene		62	U	62	470
Di-n-butyl phthalate		58	U	58	470
2,4-Dinitrotoluene		15	U	15	95
4-Chlorophenyl phenyl ether		55	U	55	470
4-Nitroaniline		150	U	150	950
4,6-Dinitro-2-methylphenol		130	U	130	1400
4-Bromophenyl phenyl ether		46	U	46	470

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78034.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1139			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		72	U	72	470
Anthracene		57	U	57	470
Carbazole		55	U	55	470
Phenanthrene		60	U	60	470
Pentachlorophenol		140	U	140	1400
Pyrene		39	U	39	470
Chrysene		55	U	55	470
Benzo[k]fluoranthene		3.6	U	3.6	47
Benzo[g,h,i]perylene		35	U	35	470
Benzo[b]fluoranthene		3.0	U	3.0	47
Benzo[a]pyrene		3.3	U	3.3	47
Benzo[a]anthracene		3.3	U	3.3	47
N-Nitrosodiphenylamine		46	U	46	470
Butyl benzyl phthalate		43	U	43	470
Bis(2-ethylhexyl) phthalate		160	U	160	470
Di-n-octyl phthalate		30	U	30	470
Indeno[1,2,3-cd]pyrene		8.7	U	8.7	47
Dibenz(a,h)anthracene		5.9	U	5.9	47
3,3'-Dichlorobenzidine		160	U	160	950
1,2,4,5-Tetrachlorobenzene		63	U *	63	470
2,3,4,6-Tetrachlorophenol		61	U	61	470
1,4-Dioxane		34	U	34	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	104		41 - 118
Terphenyl-d14	104		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	105		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78034.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1139			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **13**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	8.92	1900	J N
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.21	950	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	9.66	1500	J N
	Unknown-1	11.32	820	J
	Unknown Aldehyde-1	11.80	600	J
	Unknown Alkane	12.05	420	J
	Unknown-2	12.18	630	J
	C20H12 PAH	12.26	750	J
	Unknown Aldehyde-2	13.63	390	J
	Unknown-3	14.11	1200	J
	Unknown-4	14.37	1600	J
	Unknown-5	14.57	5100	J
	Unknown-6	15.29	1400	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6
Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78035.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1159			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78035.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1159			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	100		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	110		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78035.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1159			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78036.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1219			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		45	U	45	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.4	U	6.4	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		45	U	45	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		49	U	49	390
Fluoranthene		51	U	51	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78036.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1219			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390
1,4-Dioxane		28	U	28	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	103		41 - 118
Terphenyl-d14	105		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	98		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78036.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1219			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6
Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78037.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1240			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.6	U	8.6	72
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6
Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78037.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1240			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U *	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350
1,4-Dioxane		26	U	26	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	106		41 - 118
Terphenyl-d14	113		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	107		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78037.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1240			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78038.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1300			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	360
2-Chlorophenol		48	U	48	360
2-Methylphenol		62	U	62	360
4-Methylphenol		71	U	71	360
Benzaldehyde		43	U	43	360
Acetophenone		56	U	56	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
Nitrobenzene		5.2	U	5.2	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		44	U	44	360
2-Nitrophenol		41	U	41	360
2,4-Dimethylphenol		90	U	90	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		96	U	96	360
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	360
4-Chloro-3-methylphenol		55	U	55	360
2-Methylnaphthalene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorocyclopentadiene		43	U	43	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		49	U	49	360
2-Chloronaphthalene		41	U	41	360
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		45	U	45	360
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		99	U	99	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12 | Date Sampled: 06/25/2012 1250
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78038.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1300			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.8	U	2.8	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U *	49	360
2,3,4,6-Tetrachlorophenol		47	U	47	360
1,4-Dioxane		26	U	26	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	99		41 - 118
Terphenyl-d14	100		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	107		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78038.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1300			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2
Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78055.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1844			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		66	U	66	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.3	U	5.3	38
2,2'-oxybis[1-chloropropane]		43	U	43	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		45	U	45	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		50	U	50	380
Hexachlorobenzene		5.3	U	5.3	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		52	U	52	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		46	U	46	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		48	U	48	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2
Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78055.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1844			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	380
Anthracene		47	U	47	380
Carbazole		46	U	46	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		29	U	29	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	38
Dibenz(a,h)anthracene		4.9	U	4.9	38
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
1,4-Dioxane		28	U	28	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	102		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	91		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78055.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1844			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.22	370	J N
	Unknown Sterol	13.04	1400	J
601-53-6	Cholestan-3-one, (5.beta.)-	13.17	2000	J N
	Unknown-1	13.31	460	J
	Unknown-2	13.96	860	J
	Unknown-3	14.08	980	J
	Unknown-4	15.17	530	J
	Unknown-5	15.54	520	J
	Unknown-6	15.58	680	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-119055	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78084.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/08/2012 0943			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		110	U	110	780
2-Chlorophenol		100	U	100	780
2-Methylphenol		130	U	130	780
4-Methylphenol		150	U	150	780
Benzaldehyde		92	U	92	780
Acetophenone		120	U	120	780
Bis(2-chloroethyl)ether		11	U	11	78
2,2'-oxybis[1-chloropropane]		87	U	87	780
N-Nitrosodi-n-propylamine		13	U	13	78
Nitrobenzene		11	U	11	78
Hexachloroethane		8.7	U	8.7	78
Isophorone		95	U	95	780
2-Nitrophenol		87	U	87	780
2,4-Dimethylphenol		190	U	190	780
2,4-Dichlorophenol		110	U	110	780
Bis(2-chloroethoxy)methane		100	U	100	780
Naphthalene		91	U	91	780
4-Chloroaniline		210	U	210	780
Hexachlorobutadiene		19	U	19	160
Caprolactam		180	U	180	780
4-Chloro-3-methylphenol		120	U	120	780
2-Methylnaphthalene		280	J	100	780
Hexachlorobenzene		11	U	11	78
Hexachlorocyclopentadiene		92	U	92	780
2,4,6-Trichlorophenol		92	U	92	780
2,4,5-Trichlorophenol		100	U	100	780
Diphenyl		100	U	100	780
2-Chloronaphthalene		87	U	87	780
2-Nitroaniline		330	U	330	1600
2,6-Dinitrotoluene		24	U	24	160
Dimethyl phthalate		93	U	93	780
Acenaphthylene		93	U	93	780
3-Nitroaniline		280	U	280	1600
Acenaphthene		110	U	110	780
4-Nitrophenol		500	U	500	2400
2,4-Dinitrophenol		450	U	450	2400
Dibenzofuran		95	J	92	780
Diethyl phthalate		93	U	93	780
Fluorene		100	J	100	780
Fluoranthene		180	J	100	780
Di-n-butyl phthalate		97	U	97	780
2,4-Dinitrotoluene		26	U	26	160
4-Chlorophenyl phenyl ether		92	U	92	780
4-Nitroaniline		240	U	240	1600
4,6-Dinitro-2-methylphenol		210	U	210	2400
4-Bromophenyl phenyl ether		78	U	78	780

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14 | Date Sampled: 06/25/2012 1300
Client Matrix: Solid | % Moisture: 15.6 | Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-119055	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78084.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/08/2012 0943			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	780
Anthracene		95	U	95	780
Carbazole		93	U	93	780
Phenanthrene		270	J	100	780
Pentachlorophenol		230	U	230	2400
Pyrene		220	J	66	780
Chrysene		180	J	91	780
Benzo[k]fluoranthene		5.9	U	5.9	78
Benzo[g,h,i]perylene		70	J	58	780
Benzo[b]fluoranthene		89		4.9	78
Benzo[a]pyrene		91		5.5	78
Benzo[a]anthracene		90		5.5	78
N-Nitrosodiphenylamine		77	U	77	780
Butyl benzyl phthalate		72	U	72	780
Bis(2-ethylhexyl) phthalate		260	U	260	780
Di-n-octyl phthalate		50	U	50	780
Indeno[1,2,3-cd]pyrene		65	J	15	78
Dibenz(a,h)anthracene		9.9	U	9.9	78
3,3'-Dichlorobenzidine		270	U	270	1600
1,2,4,5-Tetrachlorobenzene		110	U *	110	780
2,3,4,6-Tetrachlorophenol		100	U	100	780
1,4-Dioxane		57	U	57	780

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	62		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	65		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-119055	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78084.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/08/2012 0943			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	7.50	4100	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	8.92	17000	J N
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.22	8700	J N
	Unknown Alkane-5	10.52	4700	J
	Unknown Alkane-6	11.00	3600	J
	Unknown Alkane-7	11.38	4800	J
	Unknown-1	12.20	3700	J
7616-22-0	.gamma.-Tocopherol	12.87	4300	J N
360-68-9	Cholestan-3-ol, (3.beta.,5.beta.)-	13.15	200000	J N
15600-08-5	Cholestan-3-one	13.33	150000	J N
	Unknown Sterol-1	13.47	12000	J
17608-41-2	Cholestan-3.beta.-ol	13.57	8900	J N
	Unknown-2	13.72	15000	J
601-54-7	Cholest-5-en-3-one	13.81	6400	J N
	Unknown-3	13.86	5000	J
	Unknown Sterol-2	14.01	62000	J
	Unknown-4	14.08	7000	J
1000210-86-9	17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	14.17	25000	J N
	Unknown Sterol-3	14.23	5400	J
	Unknown Sterol-4	14.38	3400	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78039.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1320			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78039.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1320			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		38 - 105
Phenol-d5	90		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	94		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78039.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1320			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3
Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78052.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1743			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		70	U	70	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		39	U	39	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		41	U	41	360
4-Chloroaniline		94	U	94	360
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		42	U	42	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	360

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3
Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78052.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1743			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		43	U	43	360
Carbazole		42	U	42	360
Phenanthrene		45	U	45	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		26	U	26	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	720
1,2,4,5-Tetrachlorobenzene		48	U *	48	360
2,3,4,6-Tetrachlorophenol		46	U	46	360
1,4-Dioxane		26	U	26	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	108		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	92		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78052.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	07/06/2012 1743			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Aldehyde	11.81	310	J
	Unknown Alkane-1	12.06	350	J
	Unknown Alkane-2	12.94	710	J
	Unknown-1	13.65	500	J
	Unknown-2	14.14	620	J
	Unknown-3	14.36	570	J
	Unknown-4	14.61	570	J
	Unknown-5	14.72	300	J
	Unknown-6	14.97	1100	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3
Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31662.d
Dilution:	2.0			Initial Weight/Volume:	14.99 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		220	U	220	1700
2-Chlorophenol		220	U	220	1700
2-Methylphenol		280	U	280	1700
4-Methylphenol		330	U	330	1700
Benzaldehyde		200	U	200	1700
Acetophenone		260	U	260	1700
Bis(2-chloroethyl)ether		23	U	23	170
2,2'-oxybis[1-chloropropane]		180	U	180	1700
N-Nitrosodi-n-propylamine		28	U	28	170
Nitrobenzene		24	U	24	170
Hexachloroethane		19	U	19	170
Isophorone		200	U	200	1700
2-Nitrophenol		190	U	190	1700
2,4-Dimethylphenol		410	U	410	1700
2,4-Dichlorophenol		240	U	240	1700
Bis(2-chloroethoxy)methane		220	U	220	1700
Naphthalene		190	U	190	1700
4-Chloroaniline		440	U	440	1700
Hexachlorobutadiene		41	U	41	340
Caprolactam		380	U	380	1700
4-Chloro-3-methylphenol		250	U	250	1700
2-Methylnaphthalene		320	J	210	1700
Hexachlorobenzene		23	U	23	170
Hexachlorocyclopentadiene		200	U	200	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		220	U	220	1700
Diphenyl		220	U	220	1700
2-Chloronaphthalene		190	U	190	1700
2-Nitroaniline		700	U	700	3400
2,6-Dinitrotoluene		50	U	50	340
Dimethyl phthalate		200	U	200	1700
Acenaphthylene		200	U	200	1700
3-Nitroaniline		590	U	590	3400
Acenaphthene		240	U	240	1700
4-Nitrophenol		1100	U	1100	5000
2,4-Dinitrophenol		950	U	950	5000
Dibenzofuran		200	U	200	1700
Diethyl phthalate		200	U	200	1700
Fluorene		210	U	210	1700
Fluoranthene		350	J	220	1700
Di-n-butyl phthalate		210	U	210	1700
2,4-Dinitrotoluene		55	U	55	340
4-Chlorophenyl phenyl ether		200	U	200	1700
4-Nitroaniline		520	U	520	3400
4,6-Dinitro-2-methylphenol		450	U	450	5000
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31662.d
Dilution:	2.0			Initial Weight/Volume:	14.99 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		260	U	260	1700
Anthracene		200	U	200	1700
Carbazole		200	U	200	1700
Phenanthrene		360	J	210	1700
Pentachlorophenol		500	U	500	5000
Pyrene		640	J	140	1700
Chrysene		350	J	190	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		120	U	120	1700
Benzo[b]fluoranthene		250		11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		230		12	170
N-Nitrosodiphenylamine		160	U	160	1700
Butyl benzyl phthalate		150	U	150	1700
Bis(2-ethylhexyl) phthalate		2200		560	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		31	U	31	170
Dibenz(a,h)anthracene		21	U	21	170
3,3'-Dichlorobenzidine		590	U	590	3400
1,2,4,5-Tetrachlorobenzene		220	U	220	1700
2,3,4,6-Tetrachlorophenol		220	U	220	1700
1,4-Dioxane		120	U	120	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	73		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17 | Date Sampled: 06/26/2012 1132
Client Matrix: Solid | % Moisture: 60.3 | Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31662.d
Dilution:	2.0			Initial Weight/Volume:	14.99 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000293-16-6	18-Norabietane	9.18	31000	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	10.03	22000	J N
	Unknown-1	11.84	28000	J
747-90-0	Cholesta-3,5-diene	12.50	21000	J N
	Unknown Sterol-1	13.42	1100000	J
601-53-6	Cholestan-3-one, (5.beta.)-	13.57	450000	J N
	Unknown Sterol-2	13.60	160000	J
15600-08-5	Cholestan-3-one	13.74	40000	J N
	Unknown Sterol-3	13.85	75000	J
	Unknown Sterol-4	13.99	100000	J
601-57-0	Cholest-4-en-3-one	14.09	49000	J N
	Unknown Sterol-5	14.14	26000	J
	Unknown Sterol-6	14.27	300000	J
	Unknown-2	14.34	41000	J
	Unknown Sterol-7	14.44	150000	J
	Unknown Sterol-8	14.49	110000	J
	Unknown-3	14.65	46000	J
	Unknown Sterol-9	14.71	22000	J
	Unknown-4	14.82	24000	J
	Unknown-5	14.88	31000	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78048.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1622			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	360
2-Chlorophenol		48	U	48	360
2-Methylphenol		62	U	62	360
4-Methylphenol		72	U	72	360
Benzaldehyde		43	U	43	360
Acetophenone		56	U	56	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
Nitrobenzene		5.2	U	5.2	36
Hexachloroethane		4.1	U	4.1	36
Isophorone		44	U	44	360
2-Nitrophenol		41	U	41	360
2,4-Dimethylphenol		90	U	90	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		97	U	97	360
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	360
4-Chloro-3-methylphenol		55	U	55	360
2-Methylnaphthalene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorocyclopentadiene		43	U	43	360
2,4,6-Trichlorophenol		43	U	43	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		49	U	49	360
2-Chloronaphthalene		41	U	41	360
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Fluorene		47	U	47	360
Fluoranthene		49	U	49	360
Di-n-butyl phthalate		45	U	45	360
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		99	U	99	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4
Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78048.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1622			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	360
Chrysene		43	U	43	360
Benzo[k]fluoranthene		2.8	U	2.8	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U *	49	360
2,3,4,6-Tetrachlorophenol		47	U	47	360
1,4-Dioxane		27	U	27	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	93		41 - 118
Terphenyl-d14	104		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	96		37 - 125
2-Fluorobiphenyl	72		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78048.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1622			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **7**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	12.94	440	J
	Unknown Sterol	13.02	3300	J
	Unknown-1	13.16	1700	J
	Unknown-2	13.30	400	J
	Unknown-3	13.38	370	J
	Unknown-4	14.00	650	J
	Unknown-5	14.07	490	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9
Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78040.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1340			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		58	U	58	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		42	U	42	370
N-Nitrosodi-n-propylamine		6.3	U	6.3	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		46	U	46	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		93	U	93	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	370
4-Chloro-3-methylphenol		57	U	57	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78040.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1340			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		46	U	46	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.7	U	2.7	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U *	51	370
2,3,4,6-Tetrachlorophenol		49	U	49	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	101		41 - 118
Terphenyl-d14	96		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	98		37 - 125
2-Fluorobiphenyl	72		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78040.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1340			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78041.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1401			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78041.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1401			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		38 - 105
Phenol-d5	99		41 - 118
Terphenyl-d14	100		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	97		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78041.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/06/2012 1401			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78042.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1421			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		63	U	63	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		98	U	98	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78042.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1421			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	95		41 - 118
Terphenyl-d14	99		16 - 151
2,4,6-Tribromophenol	62		10 - 120
2-Fluorophenol	101		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-118529	Lab File ID:	u78042.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1421			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1
Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31657.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1526			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		63	U	63	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		56	U	56	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		44	U	44	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		90	U	90	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		47	U	47	370
Naphthalene		42	U	42	370
4-Chloroaniline		97	U	97	370
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	370
4-Chloro-3-methylphenol		55	U	55	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		47	U	47	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	370
Acenaphthylene		43	U	43	370
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	370

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1
Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31657.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1526			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		43	U	43	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U	49	370
2,3,4,6-Tetrachlorophenol		48	U	48	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	63		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1
Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-118530	Lab File ID:	p31657.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	07/06/2012 1526			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.95	390	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1228			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.4	U	1.4	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		0.93	U	0.93	7.8
4,4'-DDE		1.5	U	1.5	7.8
4,4'-DDT		0.98	U	0.98	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.6	U	1.6	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		1.9	U	1.9	7.8
Endrin ketone		1.1	U	1.1	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.87	U	0.87	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	89		40 - 150
DCB Decachlorobiphenyl	100		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1228			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		40 - 150
DCB Decachlorobiphenyl	95		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1242			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.8	U	1.8	8.3
alpha-BHC		1.5	U	1.5	8.3
beta-BHC		1.1	U	1.1	8.3
delta-BHC		1.3	U	1.3	8.3
gamma-BHC (Lindane)		0.96	U	0.96	8.3
Chlordane		18	U	18	83
4,4'-DDD		0.99	U	0.99	8.3
4,4'-DDE		1.6	U	1.6	8.3
4,4'-DDT		1.0	U	1.0	8.3
Dieldrin		1.6	U	1.6	8.3
Endosulfan I		1.7	U	1.7	8.3
Endosulfan II		1.2	U	1.2	8.3
Endosulfan sulfate		1.1	U	1.1	8.3
Endrin		1.2	U	1.2	8.3
Endrin aldehyde		2.1	U	2.1	8.3
Endrin ketone		1.2	U	1.2	8.3
Heptachlor		1.2	U	1.2	8.3
Heptachlor epoxide		1.7	U	1.7	8.3
Methoxychlor		0.92	U	0.92	8.3
Toxaphene		17	U	17	83

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1242			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	91		40 - 150
DCB Decachlorobiphenyl	97		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1256			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.4	U	1.4	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		0.93	U	0.93	7.8
4,4'-DDE		1.5	U	1.5	7.8
4,4'-DDT		0.97	U	0.97	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.6	U	1.6	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		1.9	U	1.9	7.8
Endrin ketone		1.1	U	1.1	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.87	U	0.87	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 150
DCB Decachlorobiphenyl	93		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1256			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 150
DCB Decachlorobiphenyl	87		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1310			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.5
alpha-BHC		1.4	U	1.4	7.5
beta-BHC		1.0	U	1.0	7.5
delta-BHC		1.1	U	1.1	7.5
gamma-BHC (Lindane)		0.87	U	0.87	7.5
Chlordane		16	U	16	75
4,4'-DDD		0.89	U	0.89	7.5
4,4'-DDE		1.4	U	1.4	7.5
4,4'-DDT		0.94	U	0.94	7.5
Dieldrin		1.4	U	1.4	7.5
Endosulfan I		1.6	U	1.6	7.5
Endosulfan II		1.1	U	1.1	7.5
Endosulfan sulfate		0.96	U	0.96	7.5
Endrin		1.0	U	1.0	7.5
Endrin aldehyde		1.9	U	1.9	7.5
Endrin ketone		1.1	U	1.1	7.5
Heptachlor		1.1	U	1.1	7.5
Heptachlor epoxide		1.5	U	1.5	7.5
Methoxychlor		0.83	U	0.83	7.5
Toxaphene		16	U	16	75

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		40 - 150
DCB Decachlorobiphenyl	77		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1310			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		40 - 150
DCB Decachlorobiphenyl	71		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1323			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.9
alpha-BHC		1.5	U	1.5	7.9
beta-BHC		1.1	U	1.1	7.9
delta-BHC		1.2	U	1.2	7.9
gamma-BHC (Lindane)		0.92	U	0.92	7.9
Chlordane		17	U	17	79
4,4'-DDD		0.95	U	0.95	7.9
4,4'-DDE		1.5	U	1.5	7.9
4,4'-DDT		0.99	U	0.99	7.9
Dieldrin		1.5	U	1.5	7.9
Endosulfan I		1.7	U	1.7	7.9
Endosulfan II		1.2	U	1.2	7.9
Endosulfan sulfate		1.0	U	1.0	7.9
Endrin		1.1	U	1.1	7.9
Endrin aldehyde		2.0	U	2.0	7.9
Endrin ketone		1.2	U	1.2	7.9
Heptachlor		1.1	U	1.1	7.9
Heptachlor epoxide		1.6	U	1.6	7.9
Methoxychlor		0.89	U	0.89	7.9
Toxaphene		17	U	17	79

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		40 - 150
DCB Decachlorobiphenyl	80		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1323			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	65		40 - 150
DCB Decachlorobiphenyl	74		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1337			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.89	U	0.89	7.6
Chlordane		17	U	17	76
4,4'-DDD		0.91	U	0.91	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.96	U	0.96	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.2	U	1.2	7.6
Endosulfan sulfate		0.98	U	0.98	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.86	U	0.86	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		40 - 150
DCB Decachlorobiphenyl	94		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1337			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		40 - 150
DCB Decachlorobiphenyl	86		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1351			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.4	U	1.4	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		0.93	U	0.93	7.8
4,4'-DDE		1.5	U	1.5	7.8
4,4'-DDT		0.98	U	0.98	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.6	U	1.6	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		1.9	U	1.9	7.8
Endrin ketone		1.2	U	1.2	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.87	U	0.87	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	99		40 - 150
DCB Decachlorobiphenyl	100		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1351			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		40 - 150
DCB Decachlorobiphenyl	93		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1405			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		2.1	U	2.1	9.5
alpha-BHC		1.8	U	1.8	9.5
beta-BHC		1.3	U	1.3	9.5
delta-BHC		1.4	U	1.4	9.5
gamma-BHC (Lindane)		1.1	U	1.1	9.5
Chlordane		21	U	21	95
4,4'-DDD		1.1	U	1.1	9.5
4,4'-DDE		1.8	U	1.8	9.5
4,4'-DDT		1.2	U	1.2	9.5
Dieldrin		1.8	U	1.8	9.5
Endosulfan I		2.0	U	2.0	9.5
Endosulfan II		1.4	U	1.4	9.5
Endosulfan sulfate		1.2	U	1.2	9.5
Endrin		1.3	U	1.3	9.5
Endrin aldehyde		2.4	U	2.4	9.5
Endrin ketone		1.4	U	1.4	9.5
Heptachlor		1.4	U	1.4	9.5
Heptachlor epoxide		1.9	U	1.9	9.5
Methoxychlor		1.1	U	1.1	9.5
Toxaphene		20	U	20	95

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		40 - 150
DCB Decachlorobiphenyl	93		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1405			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		40 - 150
DCB Decachlorobiphenyl	85		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1419			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.88	U	0.88	7.6
Chlordane		16	U	16	76
4,4'-DDD		0.90	U	0.90	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.95	U	0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.97	U	0.97	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		40 - 150
DCB Decachlorobiphenyl	97		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1419			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		40 - 150
DCB Decachlorobiphenyl	89		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6

Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1432			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.5	U	1.5	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		0.94	U	0.94	7.8
4,4'-DDE		1.5	U	1.5	7.8
4,4'-DDT		0.98	U	0.98	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.7	U	1.7	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		2.0	U	2.0	7.8
Endrin ketone		1.2	U	1.2	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.88	U	0.88	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 150
DCB Decachlorobiphenyl	94		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6

Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1432			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 150
DCB Decachlorobiphenyl	85		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1446			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.2
alpha-BHC		1.3	U	1.3	7.2
beta-BHC		0.97	U	0.97	7.2
delta-BHC		1.1	U	1.1	7.2
gamma-BHC (Lindane)		0.84	U	0.84	7.2
Chlordane		16	U	16	72
4,4'-DDD		0.86	U	0.86	7.2
4,4'-DDE		1.4	U	1.4	7.2
4,4'-DDT		0.90	U	0.90	7.2
Dieldrin		1.4	U	1.4	7.2
Endosulfan I		1.5	U	1.5	7.2
Endosulfan II		1.1	U	1.1	7.2
Endosulfan sulfate		0.92	U	0.92	7.2
Endrin		1.0	U	1.0	7.2
Endrin aldehyde		1.8	U	1.8	7.2
Endrin ketone		1.1	U	1.1	7.2
Heptachlor		1.0	U	1.0	7.2
Heptachlor epoxide		1.4	U	1.4	7.2
Methoxychlor		0.80	U	0.80	7.2
Toxaphene		15	U	15	72

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		40 - 150
DCB Decachlorobiphenyl	113		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1446			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	97		40 - 150
DCB Decachlorobiphenyl	103		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1500			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.4
alpha-BHC		1.4	U	1.4	7.4
beta-BHC		1.0	U	1.0	7.4
delta-BHC		1.1	U	1.1	7.4
gamma-BHC (Lindane)		0.86	U	0.86	7.4
Chlordane		16	U	16	74
4,4'-DDD		0.88	U	0.88	7.4
4,4'-DDE		1.4	U	1.4	7.4
4,4'-DDT		0.92	U	0.92	7.4
Dieldrin		1.4	U	1.4	7.4
Endosulfan I		1.5	U	1.5	7.4
Endosulfan II		1.1	U	1.1	7.4
Endosulfan sulfate		0.94	U	0.94	7.4
Endrin		1.0	U	1.0	7.4
Endrin aldehyde		1.8	U	1.8	7.4
Endrin ketone		1.1	U	1.1	7.4
Heptachlor		1.1	U	1.1	7.4
Heptachlor epoxide		1.5	U	1.5	7.4
Methoxychlor		0.82	U	0.82	7.4
Toxaphene		15	U	15	74

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		40 - 150
DCB Decachlorobiphenyl	105		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1500			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 150
DCB Decachlorobiphenyl	95		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1514			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.8
alpha-BHC		1.4	U	1.4	7.8
beta-BHC		1.1	U	1.1	7.8
delta-BHC		1.2	U	1.2	7.8
gamma-BHC (Lindane)		0.91	U	0.91	7.8
Chlordane		17	U	17	78
4,4'-DDD		0.93	U	0.93	7.8
4,4'-DDE		1.5	U	1.5	7.8
4,4'-DDT		0.98	U	0.98	7.8
Dieldrin		1.5	U	1.5	7.8
Endosulfan I		1.6	U	1.6	7.8
Endosulfan II		1.2	U	1.2	7.8
Endosulfan sulfate		1.0	U	1.0	7.8
Endrin		1.1	U	1.1	7.8
Endrin aldehyde		1.9	U	1.9	7.8
Endrin ketone		1.1	U	1.1	7.8
Heptachlor		1.1	U	1.1	7.8
Heptachlor epoxide		1.6	U	1.6	7.8
Methoxychlor		0.87	U	0.87	7.8
Toxaphene		16	U	16	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 150
DCB Decachlorobiphenyl	90		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1514			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 150
DCB Decachlorobiphenyl	84		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1528			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.9
alpha-BHC		1.5	U	1.5	7.9
beta-BHC		1.1	U	1.1	7.9
delta-BHC		1.2	U	1.2	7.9
gamma-BHC (Lindane)		0.92	U	0.92	7.9
Chlordane		17	U	17	79
4,4'-DDD		0.95	U	0.95	7.9
4,4'-DDE		1.5	U	1.5	7.9
4,4'-DDT		0.99	U	0.99	7.9
Dieldrin		9.0		1.5	7.9
Endosulfan I		1.7	U	1.7	7.9
Endosulfan II		1.2	U	1.2	7.9
Endosulfan sulfate		1.0	U	1.0	7.9
Endrin		1.1	U	1.1	7.9
Endrin aldehyde		2.0	U	2.0	7.9
Endrin ketone		1.2	U	1.2	7.9
Heptachlor		1.1	U	1.1	7.9
Heptachlor epoxide		1.6	U	1.6	7.9
Methoxychlor		0.89	U	0.89	7.9
Toxaphene		17	U	17	79

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 150
DCB Decachlorobiphenyl	89		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1528			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		40 - 150
DCB Decachlorobiphenyl	87		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1541			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.1	U	1.1	7.6
gamma-BHC (Lindane)		0.88	U	0.88	7.6
Chlordane		16	U	16	76
4,4'-DDD		0.90	U	0.90	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.95	U	0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.97	U	0.97	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 150
DCB Decachlorobiphenyl	85		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1541			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 150
DCB Decachlorobiphenyl	78		53 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16 | Date Sampled: 06/26/2012 1124
Client Matrix: Solid | % Moisture: 7.3 | Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1555			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.2
alpha-BHC		1.3	U	1.3	7.2
beta-BHC		0.98	U	0.98	7.2
delta-BHC		1.1	U	1.1	7.2
gamma-BHC (Lindane)		0.84	U	0.84	7.2
Chlordane		16	U	16	72
4,4'-DDD		0.86	U	0.86	7.2
4,4'-DDE		1.4	U	1.4	7.2
4,4'-DDT		0.90	U	0.90	7.2
Dieldrin		1.4	U	1.4	7.2
Endosulfan I		1.5	U	1.5	7.2
Endosulfan II		1.1	U	1.1	7.2
Endosulfan sulfate		0.93	U	0.93	7.2
Endrin		1.0	U	1.0	7.2
Endrin aldehyde		1.8	U	1.8	7.2
Endrin ketone		1.1	U	1.1	7.2
Heptachlor		1.0	U	1.0	7.2
Heptachlor epoxide		1.5	U	1.5	7.2
Methoxychlor		0.81	U	0.81	7.2
Toxaphene		15	U	15	72

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 150
DCB Decachlorobiphenyl	84		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1555			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 150
DCB Decachlorobiphenyl	76		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-118077	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1019			Injection Volume:	1 uL
Prep Date:	06/29/2012 1602			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		3.7	U	3.7	17
alpha-BHC		3.1	U	3.1	17
beta-BHC		2.3	U	2.3	17
delta-BHC		2.6	U	2.6	17
gamma-BHC (Lindane)		2.0	U	2.0	17
Chlordane		36	U	36	170
4,4'-DDD		23	p	2.0	17
4,4'-DDE		57	p	3.3	17
4,4'-DDT		28		2.1	17
Dieldrin		8.4	J p	3.2	17
Endosulfan I		3.5	U	3.5	17
Endosulfan II		2.5	U	2.5	17
Endosulfan sulfate		2.2	U	2.2	17
Endrin		2.4	U	2.4	17
Endrin aldehyde		4.2	U	4.2	17
Endrin ketone		6.3	J p	2.5	17
Heptachlor		2.4	U	2.4	17
Heptachlor epoxide		3.4	U	3.4	17
Methoxychlor		9.3	J p	1.9	17
Toxaphene		35	U	35	170

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	58	p	40 - 150
DCB Decachlorobiphenyl	86		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-118077	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1019			Injection Volume:	1 uL
Prep Date:	06/29/2012 1602			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	104		40 - 150
DCB Decachlorobiphenyl	79		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1609			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.4
alpha-BHC		1.4	U	1.4	7.4
beta-BHC		1.0	U	1.0	7.4
delta-BHC		1.1	U	1.1	7.4
gamma-BHC (Lindane)		0.86	U	0.86	7.4
Chlordane		16	U	16	74
4,4'-DDD		0.88	U	0.88	7.4
4,4'-DDE		1.4	U	1.4	7.4
4,4'-DDT		0.92	U	0.92	7.4
Dieldrin		1.4	U	1.4	7.4
Endosulfan I		1.6	U	1.6	7.4
Endosulfan II		1.1	U	1.1	7.4
Endosulfan sulfate		0.95	U	0.95	7.4
Endrin		1.0	U	1.0	7.4
Endrin aldehyde		1.8	U	1.8	7.4
Endrin ketone		1.1	U	1.1	7.4
Heptachlor		1.1	U	1.1	7.4
Heptachlor epoxide		1.5	U	1.5	7.4
Methoxychlor		0.83	U	0.83	7.4
Toxaphene		15	U	15	74

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		40 - 150
DCB Decachlorobiphenyl	103		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1609			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	89		40 - 150
DCB Decachlorobiphenyl	92		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1623			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.88	U	0.88	7.6
Chlordane		16	U	16	76
4,4'-DDD		0.91	U	0.91	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.95	U	0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.98	U	0.98	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	109		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1623			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	93		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1637			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.6
alpha-BHC		1.4	U	1.4	7.6
beta-BHC		1.0	U	1.0	7.6
delta-BHC		1.2	U	1.2	7.6
gamma-BHC (Lindane)		0.88	U	0.88	7.6
Chlordane		16	U	16	76
4,4'-DDD		0.90	U	0.90	7.6
4,4'-DDE		1.5	U	1.5	7.6
4,4'-DDT		0.95	U	0.95	7.6
Dieldrin		1.5	U	1.5	7.6
Endosulfan I		1.6	U	1.6	7.6
Endosulfan II		1.1	U	1.1	7.6
Endosulfan sulfate		0.97	U	0.97	7.6
Endrin		1.1	U	1.1	7.6
Endrin aldehyde		1.9	U	1.9	7.6
Endrin ketone		1.1	U	1.1	7.6
Heptachlor		1.1	U	1.1	7.6
Heptachlor epoxide		1.5	U	1.5	7.6
Methoxychlor		0.85	U	0.85	7.6
Toxaphene		16	U	16	76

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1637			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		40 - 150
DCB Decachlorobiphenyl	93		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1650			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.5
alpha-BHC		1.4	U	1.4	7.5
beta-BHC		1.0	U	1.0	7.5
delta-BHC		1.1	U	1.1	7.5
gamma-BHC (Lindane)		0.87	U	0.87	7.5
Chlordane		16	U	16	75
4,4'-DDD		0.89	U	0.89	7.5
4,4'-DDE		1.5	U	1.5	7.5
4,4'-DDT		0.94	U	0.94	7.5
Dieldrin		1.4	U	1.4	7.5
Endosulfan I		1.6	U	1.6	7.5
Endosulfan II		1.1	U	1.1	7.5
Endosulfan sulfate		0.96	U	0.96	7.5
Endrin		1.0	U	1.0	7.5
Endrin aldehyde		1.9	U	1.9	7.5
Endrin ketone		1.1	U	1.1	7.5
Heptachlor		1.1	U	1.1	7.5
Heptachlor epoxide		1.5	U	1.5	7.5
Methoxychlor		0.84	U	0.84	7.5
Toxaphene		16	U	16	75

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		40 - 150
DCB Decachlorobiphenyl	92		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-118074	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1650			Injection Volume:	1 uL
Prep Date:	06/29/2012 1551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		40 - 150
DCB Decachlorobiphenyl	83		53 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23 | Date Sampled: 06/26/2012 0000
Client Matrix: Solid | % Moisture: 10.1 | Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-118077	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1033			Injection Volume:	1 uL
Prep Date:	06/29/2012 1602			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.4
alpha-BHC		1.4	U	1.4	7.4
beta-BHC		1.0	U	1.0	7.4
delta-BHC		1.1	U	1.1	7.4
gamma-BHC (Lindane)		0.87	U	0.87	7.4
Chlordane		16	U	16	74
4,4'-DDD		0.89	U	0.89	7.4
4,4'-DDE		1.4	U	1.4	7.4
4,4'-DDT		0.93	U	0.93	7.4
Dieldrin		1.4	U	1.4	7.4
Endosulfan I		1.6	U	1.6	7.4
Endosulfan II		1.1	U	1.1	7.4
Endosulfan sulfate		0.96	U	0.96	7.4
Endrin		1.0	U	1.0	7.4
Endrin aldehyde		1.9	U	1.9	7.4
Endrin ketone		1.1	U	1.1	7.4
Heptachlor		1.1	U	1.1	7.4
Heptachlor epoxide		1.5	U	1.5	7.4
Methoxychlor		0.83	U	0.83	7.4
Toxaphene		16	U	16	74

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		40 - 150
DCB Decachlorobiphenyl	90		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-118077	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 1033			Injection Volume:	1 uL
Prep Date:	06/29/2012 1602			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 150
DCB Decachlorobiphenyl	85		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1329			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		23	U	23	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/25/2012 0835
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1329			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1345			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	83
Aroclor 1221		25	U	25	83
Aroclor 1232		47	U	47	83
Aroclor 1242		16	U	16	83
Aroclor 1248		22	U	22	83
Aroclor 1254		28	U	28	83
Aroclor 1260		9.2	U	9.2	83
Aroclor 1262		14	U	14	83
Aroclor 1268		14	U	14	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1345			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1401			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		23	U	23	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3
Client Matrix: Solid
% Moisture: 14.0

Date Sampled: 06/25/2012 1050
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1401			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1417			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	75
Aroclor 1221		23	U	23	75
Aroclor 1232		42	U	42	75
Aroclor 1242		14	U	14	75
Aroclor 1248		20	U	20	75
Aroclor 1254		26	U	26	75
Aroclor 1260		8.3	U	8.3	75
Aroclor 1262		13	U	13	75
Aroclor 1268		13	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/25/2012 1130
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1417			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1433			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	79
Aroclor 1221		24	U	24	79
Aroclor 1232		45	U	45	79
Aroclor 1242		15	U	15	79
Aroclor 1248		21	U	21	79
Aroclor 1254		27	U	27	79
Aroclor 1260		8.8	U	8.8	79
Aroclor 1262		14	U	14	79
Aroclor 1268		14	U	14	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	45		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5
Client Matrix: Solid
% Moisture: 15.5

Date Sampled: 06/25/2012 1204
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1433			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	45		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1449			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.5	U	8.5	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6
Client Matrix: Solid
% Moisture: 12.4

Date Sampled: 06/25/2012 1345
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1449			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1505			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		24	U	24	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3

Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1505			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1521			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	95
Aroclor 1221		29	U	29	95
Aroclor 1232		54	U	54	95
Aroclor 1242		18	U	18	95
Aroclor 1248		25	U	25	95
Aroclor 1254		32	U	32	95
Aroclor 1260		11	U	11	95
Aroclor 1262		16	U	16	95
Aroclor 1268		16	U	16	95

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8
Client Matrix: Solid
% Moisture: 29.4

Date Sampled: 06/26/2012 0930
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1521			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9 | Date Sampled: 06/26/2012 1015
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1537			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.5	U	8.5	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9
Client Matrix: Solid
% Moisture: 11.6

Date Sampled: 06/26/2012 1015
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1537			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1553			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		24	U	24	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6

Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1553			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	68		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1609			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	72
Aroclor 1221		22	U	22	72
Aroclor 1232		41	U	41	72
Aroclor 1242		14	U	14	72
Aroclor 1248		19	U	19	72
Aroclor 1254		24	U	24	72
Aroclor 1260		8.0	U	8.0	72
Aroclor 1262		12	U	12	72
Aroclor 1268		12	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11
Client Matrix: Solid
% Moisture: 6.6

Date Sampled: 06/25/2012 1038
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1609			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1625			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	73
Aroclor 1221		22	U	22	73
Aroclor 1232		42	U	42	73
Aroclor 1242		14	U	14	73
Aroclor 1248		20	U	20	73
Aroclor 1254		25	U	25	73
Aroclor 1260		8.2	U	8.2	73
Aroclor 1262		13	U	13	73
Aroclor 1268		13	U	13	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 06/25/2012 1250
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1625			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1641			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		24	U	24	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		27	J	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 06/25/2012 1255
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1641			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1657			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	79
Aroclor 1221		24	U	24	79
Aroclor 1232		45	U	45	79
Aroclor 1242		15	U	15	79
Aroclor 1248		21	U	21	79
Aroclor 1254		27	U	27	79
Aroclor 1260		8.8	U	8.8	79
Aroclor 1262		300		14	79
Aroclor 1268		14	U	14	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/25/2012 1300
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1657			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1712			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.4	U	8.4	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	54		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/26/2012 0920
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1712			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1729			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	72
Aroclor 1221		22	U	22	72
Aroclor 1232		41	U	41	72
Aroclor 1242		14	U	14	72
Aroclor 1248		19	U	19	72
Aroclor 1254		25	U	25	72
Aroclor 1260		23	J	8.0	72
Aroclor 1262		12	U	12	72
Aroclor 1268		12	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16
Client Matrix: Solid
% Moisture: 7.3

Date Sampled: 06/26/2012 1124
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1729			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118069	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 0603			Injection Volume:	
Prep Date:	06/29/2012 1542			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		32	U	32	170
Aroclor 1221		51	U	51	170
Aroclor 1232		96	U	96	170
Aroclor 1242		32	U	32	170
Aroclor 1248		45	U	45	170
Aroclor 1254		440		58	170
Aroclor 1260		19	U	19	170
Aroclor 1262		29	U	29	170
Aroclor 1268		29	U	29	170

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17
Client Matrix: Solid
% Moisture: 60.3

Date Sampled: 06/26/2012 1132
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118069	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 0603			Injection Volume:	
Prep Date:	06/29/2012 1542			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1744			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	74
Aroclor 1221		22	U	22	74
Aroclor 1232		42	U	42	74
Aroclor 1242		14	U	14	74
Aroclor 1248		20	U	20	74
Aroclor 1254		25	U	25	74
Aroclor 1260		8.3	U	8.3	74
Aroclor 1262		13	U	13	74
Aroclor 1268		13	U	13	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18
Client Matrix: Solid
% Moisture: 9.4

Date Sampled: 06/26/2012 1310
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1744			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20 | Date Sampled: 06/26/2012 1322
Client Matrix: Solid | % Moisture: 11.9 | Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1816			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.5	U	8.5	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9

Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1816			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1800			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.5	U	8.5	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/26/2012 1355
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1800			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22 | Date Sampled: 06/26/2012 1420
Client Matrix: Solid | % Moisture: 10.4 | Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1832			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	75
Aroclor 1221		23	U	23	75
Aroclor 1232		42	U	42	75
Aroclor 1242		14	U	14	75
Aroclor 1248		20	U	20	75
Aroclor 1254		26	U	26	75
Aroclor 1260		8.3	U	8.3	75
Aroclor 1262		13	U	13	75
Aroclor 1268		13	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118068	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/01/2012 1832			Injection Volume:	
Prep Date:	06/29/2012 1534			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	56		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118069	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 0619			Injection Volume:	
Prep Date:	06/29/2012 1542			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	74
Aroclor 1221		22	U	22	74
Aroclor 1232		42	U	42	74
Aroclor 1242		14	U	14	74
Aroclor 1248		20	U	20	74
Aroclor 1254		25	U	25	74
Aroclor 1260		8.3	U	8.3	74
Aroclor 1262		13	U	13	74
Aroclor 1268		13	U	13	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 06/26/2012 0000
Date Received: 06/26/2012 1845

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-118069	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	07/02/2012 0619			Injection Volume:	
Prep Date:	06/29/2012 1542			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1 | Date Sampled: 06/25/2012 0835
Client Matrix: Solid | % Moisture: 13.9 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 2014			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10700		20.0	43.8
Antimony		1.4	U	1.4	2.2
Arsenic		2.5		1.0	1.1
Barium		160		1.2	43.8
Beryllium		0.16	U	0.16	0.44
Cadmium		0.16	U	0.16	1.1
Calcium		2100		77.6	1100
Chromium		30.3		0.94	2.2
Cobalt		8.5	J	0.93	11.0
Copper		16.5		2.1	5.5
Iron		20600		13.3	32.9
Lead		13.6		0.94	1.1
Magnesium		5050		78.9	1100
Manganese		323		0.96	3.3
Nickel		18.8		0.96	8.8
Potassium		2240		117	1100
Selenium		1.4	U	1.4	2.2
Silver		0.22	U	0.22	2.2
Sodium		173	U	173	1100
Thallium		1.2	U	1.2	2.2
Vanadium		33.5		0.84	11.0
Zinc		57.9		1.2	6.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	06/27/2012 1443			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.18		0.024	0.036

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2
Client Matrix: Solid
% Moisture: 19.1

Date Sampled: 06/25/2012 0955
Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	06/27/2012 2018			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		12500		22.3	49.0
Antimony		1.5	U	1.5	2.4
Arsenic		2.6		1.2	1.2
Barium		109		1.4	49.0
Beryllium		0.21	J	0.18	0.49
Cadmium		0.29	J	0.18	1.2
Calcium		2010		86.6	1220
Chromium		26.9		1.1	2.4
Cobalt		8.8	J	1.0	12.2
Copper		31.8		2.4	6.1
Iron		21400		14.8	36.7
Lead		35.2		1.1	1.2
Magnesium		4890		88.1	1220
Manganese		252		1.1	3.7
Nickel		19.7		1.1	9.8
Potassium		2230		131	1220
Selenium		1.6	U	1.6	2.4
Silver		1.2	J	0.24	2.4
Sodium		193	U	193	1220
Thallium		1.4	U	1.4	2.4
Vanadium		34.2		0.94	12.2
Zinc		90.5		1.3	7.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	06/27/2012 1445			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.22		0.025	0.038

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3 | Date Sampled: 06/25/2012 1050
Client Matrix: Solid | % Moisture: 14.0 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.14 g
Analysis Date:	06/27/2012 2053			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		13000		18.6	40.8
Antimony		1.3	U	1.3	2.0
Arsenic		4.3		0.96	1.0
Barium		93.3		1.2	40.8
Beryllium		0.29	J	0.15	0.41
Cadmium		0.15	U	0.15	1.0
Calcium		1490		72.2	1020
Chromium		30.0		0.88	2.0
Cobalt		7.6	J	0.87	10.2
Copper		17.7		2.0	5.1
Iron		24700		12.3	30.6
Lead		8.6		0.88	1.0
Magnesium		4830		73.4	1020
Manganese		292		0.90	3.1
Nickel		18.3		0.90	8.2
Potassium		1610		109	1020
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		161	U	161	1020
Thallium		1.2	U	1.2	2.0
Vanadium		35.5		0.78	10.2
Zinc		48.7		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/27/2012 1447			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	U	0.025	0.037

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4 | Date Sampled: 06/25/2012 1130
Client Matrix: Solid | % Moisture: 10.4 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 2057			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		12100		19.2	42.1
Antimony		1.3	U	1.3	2.1
Arsenic		3.1		0.99	1.1
Barium		130		1.2	42.1
Beryllium		0.15	U	0.15	0.42
Cadmium		0.18	J	0.16	1.1
Calcium		2360		74.5	1050
Chromium		30.4		0.91	2.1
Cobalt		10.4	J	0.90	10.5
Copper		27.5		2.0	5.3
Iron		24700		12.7	31.6
Lead		7.9		0.91	1.1
Magnesium		6200		75.8	1050
Manganese		368		0.93	3.2
Nickel		22.8		0.93	8.4
Potassium		3470		113	1050
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		166	U	166	1050
Thallium		1.2	U	1.2	2.1
Vanadium		36.8		0.81	10.5
Zinc		58.7		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.71 g
Analysis Date:	06/27/2012 1449			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.021	U	0.021	0.031

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5 | Date Sampled: 06/25/2012 1204
Client Matrix: Solid | % Moisture: 15.5 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	06/27/2012 2039			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10800		21.1	46.4
Antimony		1.4	U	1.4	2.3
Arsenic		2.4		1.1	1.2
Barium		103		1.3	46.4
Beryllium		0.17	U	0.17	0.46
Cadmium		0.24	J	0.17	1.2
Calcium		2020		82.2	1160
Chromium		25.8		1.0	2.3
Cobalt		8.0	J	0.99	11.6
Copper		30.4		2.3	5.8
Iron		19000		14.0	34.8
Lead		20.7		1.0	1.2
Magnesium		4670		83.5	1160
Manganese		353		1.0	3.5
Nickel		18.2		1.0	9.3
Potassium		2370		124	1160
Selenium		1.5	U	1.5	2.3
Silver		0.71	J	0.23	2.3
Sodium		183	U	183	1160
Thallium		1.3	U	1.3	2.3
Vanadium		30.5		0.89	11.6
Zinc		71.6		1.3	7.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1426			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.21		0.026	0.039

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6 | Date Sampled: 06/25/2012 1345
Client Matrix: Solid | % Moisture: 12.4 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/27/2012 2101			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9810		20.0	43.9
Antimony		1.4	U	1.4	2.2
Arsenic		2.1		1.0	1.1
Barium		102		1.3	43.9
Beryllium		0.16	U	0.16	0.44
Cadmium		0.43	J	0.16	1.1
Calcium		3340		77.7	1100
Chromium		26.0		0.94	2.2
Cobalt		8.6	J	0.94	11.0
Copper		23.9		2.1	5.5
Iron		17800		13.3	32.9
Lead		12.1		0.94	1.1
Magnesium		5480		79.0	1100
Manganese		234		0.97	3.3
Nickel		19.1		0.97	8.8
Potassium		2460		117	1100
Selenium		1.4	U	1.4	2.2
Silver		0.22	J	0.22	2.2
Sodium		173	U	173	1100
Thallium		1.2	U	1.2	2.2
Vanadium		30.3		0.84	11.0
Zinc		137		1.2	6.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/27/2012 1450			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.15		0.023	0.034

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7
Client Matrix: Solid
% Moisture: 14.3
Date Sampled: 06/26/2012 0840
Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/27/2012 2104			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9540		20.4	44.9
Antimony		1.4	U	1.4	2.2
Arsenic		1.8		1.1	1.1
Barium		89.4		1.3	44.9
Beryllium		0.16	U	0.16	0.45
Cadmium		0.31	J	0.17	1.1
Calcium		1510		79.4	1120
Chromium		25.5		0.97	2.2
Cobalt		6.3	J	0.96	11.2
Copper		45.6		2.2	5.6
Iron		16500		13.6	33.7
Lead		30.4		0.97	1.1
Magnesium		4190		80.8	1120
Manganese		158		0.99	3.4
Nickel		16.2		0.99	9.0
Potassium		1530		120	1120
Selenium		1.5	U	1.5	2.2
Silver		1.4	J	0.22	2.2
Sodium		177	U	177	1120
Thallium		1.3	U	1.3	2.2
Vanadium		25.9		0.86	11.2
Zinc		102		1.2	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/27/2012 1452			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.17		0.025	0.037

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8 | Date Sampled: 06/26/2012 0930
Client Matrix: Solid | % Moisture: 29.4 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/27/2012 2115			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9720		23.0	50.6
Antimony		1.6	U	1.6	2.5
Arsenic		3.6		1.2	1.3
Barium		91.4		1.4	50.6
Beryllium		0.18	U	0.18	0.51
Cadmium		0.37	J	0.19	1.3
Calcium		3050		89.5	1260
Chromium		24.3		1.1	2.5
Cobalt		5.1	J	1.1	12.6
Copper		17.1		2.5	6.3
Iron		13200		15.3	37.9
Lead		14.9		1.1	1.3
Magnesium		3050		91.0	1260
Manganese		151		1.1	3.8
Nickel		13.0		1.1	10.1
Potassium		1410		135	1260
Selenium		1.7	U	1.7	2.5
Silver		0.25	U	0.25	2.5
Sodium		200	U	200	1260
Thallium		1.4	U	1.4	2.5
Vanadium		26.4		0.97	12.6
Zinc		46.7		1.4	7.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	06/27/2012 1454			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.089		0.030	0.045

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9 | Date Sampled: 06/26/2012 1015
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/27/2012 2118			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10600		18.4	40.4
Antimony		1.3	U	1.3	2.0
Arsenic		1.6		0.95	1.0
Barium		106		1.2	40.4
Beryllium		0.15	U	0.15	0.40
Cadmium		0.20	J	0.15	1.0
Calcium		1970		71.5	1010
Chromium		23.8		0.87	2.0
Cobalt		7.7	J	0.86	10.1
Copper		17.0		2.0	5.0
Iron		17800		12.2	30.3
Lead		4.7		0.87	1.0
Magnesium		4200		72.7	1010
Manganese		226		0.89	3.0
Nickel		16.5		0.89	8.1
Potassium		2930		108	1010
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		160	U	160	1010
Thallium		1.1	U	1.1	2.0
Vanadium		30.2		0.78	10.1
Zinc		41.7		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.69 g
Analysis Date:	06/27/2012 1500			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	U	0.022	0.032

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10
Client Matrix: Solid
% Moisture: 14.6
Date Sampled: 06/25/2012 0000
Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	06/27/2012 2122			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		12700		19.4	42.6
Antimony		1.3	U	1.3	2.1
Arsenic		3.5		1.0	1.1
Barium		93.7		1.2	42.6
Beryllium		0.33	J	0.15	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		1840		75.4	1070
Chromium		27.5		0.92	2.1
Cobalt		6.5	J	0.91	10.7
Copper		18.0		2.1	5.3
Iron		20100		12.9	32.0
Lead		8.2		0.92	1.1
Magnesium		3940		76.7	1070
Manganese		304		0.94	3.2
Nickel		16.8		0.94	8.5
Potassium		1310		114	1070
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		168	U	168	1070
Thallium		1.2	U	1.2	2.1
Vanadium		29.2		0.82	10.7
Zinc		49.1		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.72 g
Analysis Date:	06/27/2012 1502			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.046		0.021	0.032

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11 | Date Sampled: 06/25/2012 1038
Client Matrix: Solid | % Moisture: 6.6 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	06/27/2012 2126			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7540		19.3	42.4
Antimony		1.3	U	1.3	2.1
Arsenic		1.4		1.0	1.1
Barium		65.9		1.2	42.4
Beryllium		0.15	U	0.15	0.42
Cadmium		0.17	J	0.16	1.1
Calcium		2510		75.1	1060
Chromium		17.0		0.91	2.1
Cobalt		6.5	J	0.90	10.6
Copper		15.5		2.1	5.3
Iron		15200		12.8	31.8
Lead		7.9		0.91	1.1
Magnesium		4060		76.3	1060
Manganese		274		0.93	3.2
Nickel		15.1		0.93	8.5
Potassium		1840		113	1060
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		168	U	168	1060
Thallium		1.2	U	1.2	2.1
Vanadium		20.8		0.81	10.6
Zinc		38.5		1.1	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/27/2012 1504			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	J	0.021	0.032

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12 | Date Sampled: 06/25/2012 1250
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/27/2012 2129			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6340		19.2	42.2
Antimony		1.3	U	1.3	2.1
Arsenic		1.8		0.99	1.1
Barium		62.8		1.2	42.2
Beryllium		0.15	U	0.15	0.42
Cadmium		0.16	U	0.16	1.1
Calcium		2880		74.7	1060
Chromium		15.9		0.91	2.1
Cobalt		6.4	J	0.90	10.6
Copper		14.5		2.0	5.3
Iron		12400		12.8	31.7
Lead		4.5		0.91	1.1
Magnesium		3840		76.0	1060
Manganese		187		0.93	3.2
Nickel		13.1		0.93	8.4
Potassium		1840		113	1060
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		167	U	167	1060
Thallium		1.2	U	1.2	2.1
Vanadium		18.4		0.81	10.6
Zinc		29.0		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	06/27/2012 1506			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023	U	0.023	0.034

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13 | Date Sampled: 06/25/2012 1255
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 2133			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5270		20.0	44.0
Antimony		1.4	U	1.4	2.2
Arsenic		1.2		1.0	1.1
Barium		76.4		1.3	44.0
Beryllium		0.16	U	0.16	0.44
Cadmium		0.34	J	0.16	1.1
Calcium		2930		77.8	1100
Chromium		12.2		0.95	2.2
Cobalt		3.7	J	0.94	11.0
Copper		16.6		2.1	5.5
Iron		11000		13.3	33.0
Lead		28.5		0.95	1.1
Magnesium		3900		79.1	1100
Manganese		88.2		0.97	3.3
Nickel		9.4		0.97	8.8
Potassium		1360		118	1100
Selenium		1.5	U	1.5	2.2
Silver		4.4		0.22	2.2
Sodium		174	U	174	1100
Thallium		1.2	U	1.2	2.2
Vanadium		13.1		0.84	11.0
Zinc		83.7		1.2	6.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/27/2012 1508			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.4		0.025	0.037

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14 | Date Sampled: 06/25/2012 1300
Client Matrix: Solid | % Moisture: 15.6 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/27/2012 2136			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10500		20.7	45.6
Antimony		1.4	U	1.4	2.3
Arsenic		2.3		1.1	1.1
Barium		112		1.3	45.6
Beryllium		0.16	J	0.16	0.46
Cadmium		0.33	J	0.17	1.1
Calcium		3500		80.6	1140
Chromium		29.7		0.98	2.3
Cobalt		8.4	J	0.97	11.4
Copper		23.7		2.2	5.7
Iron		20100		13.8	34.2
Lead		23.6		0.98	1.1
Magnesium		4940		82.0	1140
Manganese		289		1.0	3.4
Nickel		19.8		1.0	9.1
Potassium		2600		122	1140
Selenium		1.5	U	1.5	2.3
Silver		1.0	J	0.23	2.3
Sodium		180	U	180	1140
Thallium		1.3	U	1.3	2.3
Vanadium		34.4		0.87	11.4
Zinc		92.4		1.2	6.8

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1510			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.41		0.026	0.039

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15 | Date Sampled: 06/26/2012 0920
Client Matrix: Solid | % Moisture: 11.5 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	06/27/2012 2140			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6010		19.6	43.1
Antimony		1.3	U	1.3	2.2
Arsenic		1.7		1.0	1.1
Barium		53.1		1.2	43.1
Beryllium		0.16	U	0.16	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		2860		76.2	1080
Chromium		14.3		0.93	2.2
Cobalt		5.3	J	0.92	10.8
Copper		13.1		2.1	5.4
Iron		11600		13.0	32.3
Lead		4.0		0.93	1.1
Magnesium		3810		77.5	1080
Manganese		191		0.95	3.2
Nickel		12.1		0.95	8.6
Potassium		1590		115	1080
Selenium		1.4	U	1.4	2.2
Silver		0.22	U	0.22	2.2
Sodium		170	U	170	1080
Thallium		1.2	U	1.2	2.2
Vanadium		17.0		0.83	10.8
Zinc		25.8		1.2	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1512			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	U	0.025	0.037

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16 | Date Sampled: 06/26/2012 1124
Client Matrix: Solid | % Moisture: 7.3 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	06/27/2012 2144			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7540		18.3	40.3
Antimony		1.3	U	1.3	2.0
Arsenic		2.1		0.95	1.0
Barium		157		1.1	40.3
Beryllium		0.15	U	0.15	0.40
Cadmium		0.61	J	0.15	1.0
Calcium		1660		71.4	1010
Chromium		19.7		0.87	2.0
Cobalt		5.8	J	0.86	10.1
Copper		46.7		2.0	5.0
Iron		14500		12.2	30.2
Lead		108		0.87	1.0
Magnesium		3660		72.6	1010
Manganese		222		0.89	3.0
Nickel		13.1		0.89	8.1
Potassium		2160		108	1010
Selenium		1.3	U	1.3	2.0
Silver		5.0		0.20	2.0
Sodium		159	U	159	1010
Thallium		1.1	U	1.1	2.0
Vanadium		21.5		0.77	10.1
Zinc		136		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/27/2012 1513			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.2		0.022	0.032

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17 | Date Sampled: 06/26/2012 1132
Client Matrix: Solid | % Moisture: 60.3 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117861	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1126			Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7920		42.1	92.5
Antimony		2.9	U	2.9	4.6
Arsenic		10		2.2	2.3
Barium		1190		2.6	92.5
Beryllium		0.33	U	0.33	0.93
Cadmium		15.1		0.34	2.3
Calcium		14400		164	2310
Chromium		36.0		2.0	4.6
Cobalt		5.7	J	2.0	23.1
Copper		718		4.5	11.6
Iron		19600		28.0	69.4
Lead		544		2.0	2.3
Magnesium		4140		167	2310
Manganese		170		2.0	6.9
Nickel		28.9		2.0	18.5
Potassium		1490	J	248	2310
Selenium		3.3	J	3.1	4.6
Silver		56.4		0.46	4.6
Sodium		366	U	366	2310
Thallium		2.6	U	2.6	4.6
Vanadium		23.3		1.8	23.1

Analysis Method:	6010B	Analysis Batch:	460-117861	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	10			Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1321			Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Zinc		2850		6.2	34.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2009			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		3.6		0.055	0.083

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18 | Date Sampled: 06/26/2012 1310
Client Matrix: Solid | % Moisture: 9.4 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.11 g
Analysis Date:	06/27/2012 2147			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7000		18.1	39.8
Antimony		1.2	U	1.2	2.0
Arsenic		1.6		0.93	0.99
Barium		73.2		1.1	39.8
Beryllium		0.14	U	0.14	0.40
Cadmium		0.16	J	0.15	0.99
Calcium		1780		70.4	994
Chromium		16.7		0.85	2.0
Cobalt		6.6	J	0.85	9.9
Copper		14.4		1.9	5.0
Iron		13400		12.0	29.8
Lead		6.3		0.85	0.99
Magnesium		3980		71.6	994
Manganese		273		0.87	3.0
Nickel		13.9		0.87	8.0
Potassium		2000		106	994
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		157	U	157	994
Thallium		1.1	U	1.1	2.0
Vanadium		20.3		0.76	9.9
Zinc		31.8		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/27/2012 2015			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	U	0.022	0.033

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-25**

Lab Sample ID: 460-41730-19 | Date Sampled: 06/26/2012 1315
Client Matrix: Solid | % Moisture: 10.0 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.13 g
Analysis Date:	06/27/2012 2158			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10100		17.9	39.3
Antimony		1.2	U	1.2	2.0
Arsenic		2.0		0.92	0.98
Barium		107		1.1	39.3
Beryllium		0.15	J	0.14	0.39
Cadmium		0.28	J	0.15	0.98
Calcium		2120		69.6	983
Chromium		23.3		0.85	2.0
Cobalt		7.9	J	0.84	9.8
Copper		20.1		1.9	4.9
Iron		18500		11.9	29.5
Lead		17.3		0.85	0.98
Magnesium		4420		70.8	983
Manganese		404		0.87	2.9
Nickel		17.3		0.87	7.9
Potassium		2300		105	983
Selenium		1.3	U	1.3	2.0
Silver		0.52	J	0.20	2.0
Sodium		155	U	155	983
Thallium		1.1	U	1.1	2.0
Vanadium		29.0		0.76	9.8
Zinc		68.6		1.1	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2017			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.23		0.024	0.037

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20
Client Matrix: Solid
% Moisture: 11.9
Date Sampled: 06/26/2012 1322
Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.11 g
Analysis Date:	06/27/2012 2201			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11100		18.6	40.9
Antimony		1.3	U	1.3	2.0
Arsenic		2.2		0.96	1.0
Barium		118		1.2	40.9
Beryllium		0.15	U	0.15	0.41
Cadmium		0.19	J	0.15	1.0
Calcium		4810		72.4	1020
Chromium		27.2		0.88	2.0
Cobalt		8.9	J	0.87	10.2
Copper		18.7		2.0	5.1
Iron		20300		12.4	30.7
Lead		6.5		0.88	1.0
Magnesium		5390		73.6	1020
Manganese		265		0.90	3.1
Nickel		19.6		0.90	8.2
Potassium		2920		109	1020
Selenium		1.4	U	1.4	2.0
Silver		0.20	U	0.20	2.0
Sodium		162	U	162	1020
Thallium		1.2	U	1.2	2.0
Vanadium		34.8		0.79	10.2
Zinc		42.7		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	06/27/2012 2019			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023	U	0.023	0.035

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21 | Date Sampled: 06/26/2012 1355
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/27/2012 2205			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4970		18.4	40.4
Antimony		1.3	U	1.3	2.0
Arsenic		1.2		0.95	1.0
Barium		37.1	J	1.2	40.4
Beryllium		0.15	U	0.15	0.40
Cadmium		0.15	U	0.15	1.0
Calcium		1220		71.6	1010
Chromium		11.4		0.87	2.0
Cobalt		4.2	J	0.86	10.1
Copper		9.1		2.0	5.1
Iron		8830		12.2	30.3
Lead		3.5		0.87	1.0
Magnesium		2250		72.8	1010
Manganese		208		0.89	3.0
Nickel		9.8		0.89	8.1
Potassium		951	J	108	1010
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		160	U	160	1010
Thallium		1.1	U	1.1	2.0
Vanadium		12.9		0.78	10.1
Zinc		18.8		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/27/2012 2021			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	U	0.024	0.036

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/26/2012 1420
Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/27/2012 2209			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6930		18.1	39.9
Antimony		1.2	U	1.2	2.0
Arsenic		1.5		0.94	1.0
Barium		46.2		1.1	39.9
Beryllium		0.16	J	0.14	0.40
Cadmium		0.18	J	0.15	1.0
Calcium		1360		70.6	997
Chromium		14.4		0.86	2.0
Cobalt		6.1	J	0.85	10
Copper		13.4		1.9	5.0
Iron		12300		12.1	29.9
Lead		5.3		0.86	1.0
Magnesium		3230		71.8	997
Manganese		140		0.88	3.0
Nickel		13.5		0.88	8.0
Potassium		1260		107	997
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		157	U	157	997
Thallium		1.1	U	1.1	2.0
Vanadium		17.9		0.77	10
Zinc		28.2		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	06/27/2012 2023			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023	U	0.023	0.035

Client: Carlin, Simpson and Associates | Job Number: 460-41730-1

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23 | Date Sampled: 06/26/2012 0000
Client Matrix: Solid | % Moisture: 10.1 | Date Received: 06/26/2012 1845

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117763	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	06/27/2012 2212			Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4840		18.9	41.6
Antimony		1.3	U	1.3	2.1
Arsenic		1.1		0.98	1.0
Barium		34.0	J	1.2	41.6
Beryllium		0.15	U	0.15	0.42
Cadmium		0.15	U	0.15	1.0
Calcium		1190		73.6	1040
Chromium		10.5		0.89	2.1
Cobalt		4.0	J	0.89	10.4
Copper		9.0		2.0	5.2
Iron		9090		12.6	31.2
Lead		2.9		0.89	1.0
Magnesium		2240		74.8	1040
Manganese		159		0.91	3.1
Nickel		9.4		0.91	8.3
Potassium		924	J	111	1040
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		164	U	164	1040
Thallium		1.2	U	1.2	2.1
Vanadium		12.5		0.80	10.4
Zinc		19.0		1.1	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2029			Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	U	0.024	0.037

General Chemistry

Client Sample ID: **SL-10**

Lab Sample ID: 460-41730-1 Date Sampled: 06/25/2012 0835
Client Matrix: Solid % Moisture: 13.9 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1648						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118134	Analysis Date: 06/30/2012 1124						DryWt Corrected: N
Percent Solids	86.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118134	Analysis Date: 06/30/2012 1124						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-26**

Lab Sample ID: 460-41730-2 Date Sampled: 06/25/2012 0955
Client Matrix: Solid % Moisture: 19.1 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.067	U	mg/Kg	0.067	0.62	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1649						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N
Percent Solids	80.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-27**

Lab Sample ID: 460-41730-3 Date Sampled: 06/25/2012 1050
Client Matrix: Solid % Moisture: 14.0 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1650						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N
Percent Solids	86.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-28**

Lab Sample ID: 460-41730-4 Date Sampled: 06/25/2012 1130
Client Matrix: Solid % Moisture: 10.4 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.56	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1652						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-29**

Lab Sample ID: 460-41730-5 Date Sampled: 06/25/2012 1204
Client Matrix: Solid % Moisture: 15.5 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.064	U	mg/Kg	0.064	0.59	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1645						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	84.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-30**

Lab Sample ID: 460-41730-6 Date Sampled: 06/25/2012 1345
Client Matrix: Solid % Moisture: 12.4 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.062	U	mg/Kg	0.062	0.57	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1657						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-31**

Lab Sample ID: 460-41730-7 Date Sampled: 06/26/2012 0840
Client Matrix: Solid % Moisture: 14.3 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.16	J	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-119062	Analysis Date: 07/09/2012 1337						DryWt Corrected: Y
Prep Batch: 460-119056	Prep Date: 07/09/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-32**

Lab Sample ID: 460-41730-8 Date Sampled: 06/26/2012 0930
Client Matrix: Solid % Moisture: 29.4 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.076	U	mg/Kg	0.076	0.71	1.0	9012A
Analysis Batch: 460-119062	Analysis Date: 07/09/2012 1339						DryWt Corrected: Y
Prep Batch: 460-119056	Prep Date: 07/09/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	70.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-33**

Lab Sample ID: 460-41730-9 Date Sampled: 06/26/2012 1015
Client Matrix: Solid % Moisture: 11.6 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-119062	Analysis Date: 07/09/2012 1334						DryWt Corrected: Y
Prep Batch: 460-119056	Prep Date: 07/09/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **FD-H**

Lab Sample ID: 460-41730-10 Date Sampled: 06/25/2012 0000
Client Matrix: Solid % Moisture: 14.6 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.12	J	mg/Kg	0.063	0.59	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1653						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	85.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-17**

Lab Sample ID: 460-41730-11 Date Sampled: 06/25/2012 1038
Client Matrix: Solid % Moisture: 6.6 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.058	U	mg/Kg	0.058	0.54	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1654						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	93.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-18**

Lab Sample ID: 460-41730-12 Date Sampled: 06/25/2012 1250
Client Matrix: Solid % Moisture: 8.9 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.059	U	mg/Kg	0.059	0.55	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1655						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	91.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-19**

Lab Sample ID: 460-41730-13 Date Sampled: 06/25/2012 1255
Client Matrix: Solid % Moisture: 14.2 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1656						DryWt Corrected: Y
Prep Batch: 460-118916	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118076	Analysis Date: 06/29/2012 1555						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-20**

Lab Sample ID: 460-41730-14 Date Sampled: 06/25/2012 1300

Client Matrix: Solid % Moisture: 15.6 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.25	J	mg/Kg	0.064	0.59	1.0	9012A
Analysis Batch: 460-118941	Analysis Date: 07/07/2012 1638						DryWt Corrected: Y
Prep Batch: 460-118918	Prep Date: 07/07/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	84.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-21**

Lab Sample ID: 460-41730-15 Date Sampled: 06/26/2012 0920
Client Matrix: Solid % Moisture: 11.5 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-119062	Analysis Date: 07/09/2012 1338						DryWt Corrected: Y
Prep Batch: 460-119056	Prep Date: 07/09/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	88.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-22**

Lab Sample ID: 460-41730-16 Date Sampled: 06/26/2012 1124
Client Matrix: Solid % Moisture: 7.3 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.058	U	mg/Kg	0.058	0.54	1.0	9012A
Analysis Batch: 460-119062	Analysis Date: 07/09/2012 1336						DryWt Corrected: Y
Prep Batch: 460-119056	Prep Date: 07/09/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	92.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-23**

Lab Sample ID: 460-41730-17 Date Sampled: 06/26/2012 1132
Client Matrix: Solid % Moisture: 60.3 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.83	J	mg/Kg	0.14	1.3	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1347						DryWt Corrected: Y
Prep Batch: 460-119162	Prep Date: 07/10/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	60.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	39.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-24**

Lab Sample ID: 460-41730-18 Date Sampled: 06/26/2012 1310

Client Matrix: Solid % Moisture: 9.4 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.55	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1351						DryWt Corrected: Y
Prep Batch: 460-119162	Prep Date: 07/10/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-25**

Lab Sample ID: 460-41730-19 Date Sampled: 06/26/2012 1315
Client Matrix: Solid % Moisture: 10.0 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.56	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1352						DryWt Corrected: Y
Prep Batch: 460-119162	Prep Date: 07/10/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118134	Analysis Date: 06/30/2012 1124						DryWt Corrected: N
Percent Solids	90.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118134	Analysis Date: 06/30/2012 1124						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-26**

Lab Sample ID: 460-41730-20 Date Sampled: 06/26/2012 1322
Client Matrix: Solid % Moisture: 11.9 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1420						DryWt Corrected: Y
Prep Batch: 460-119193	Prep Date: 07/10/2012 1000						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	88.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-27**

Lab Sample ID: 460-41730-21 Date Sampled: 06/26/2012 1355
Client Matrix: Solid % Moisture: 11.7 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1421						DryWt Corrected: Y
Prep Batch: 460-119193	Prep Date: 07/10/2012 1000						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-28**

Lab Sample ID: 460-41730-22 Date Sampled: 06/26/2012 1420
Client Matrix: Solid % Moisture: 10.4 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.56	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1422						DryWt Corrected: Y
Prep Batch: 460-119193	Prep Date: 07/10/2012 1000						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

General Chemistry

Client Sample ID: **FD-J**

Lab Sample ID: 460-41730-23 Date Sampled: 06/26/2012 0000
Client Matrix: Solid % Moisture: 10.1 Date Received: 06/26/2012 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.56	1.0	9012A
Analysis Batch: 460-119244	Analysis Date: 07/10/2012 1424						DryWt Corrected: Y
Prep Batch: 460-119193	Prep Date: 07/10/2012 1000						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N
Percent Solids	89.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-118055	Analysis Date: 06/29/2012 1336						DryWt Corrected: N

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8260B TCL VOA + 10

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-41730-1	SL-10	112	95	98
460-41730-2	SF-26	112	93	98
460-41730-3	SF-27	127	105	108
460-41730-4	SF-28	108	94	97
460-41730-5	SF-29	109	93	100
460-41730-6	SF-30	110	96	97
460-41730-7	SF-31	115	92	98
460-41730-8	SF-32	122	96	103
460-41730-9	SF-33	106	95	101
460-41730-10	FD-H	113	96	102
460-41730-11	F-17	87	75	80
460-41730-12	F-18	110	96	101
460-41730-13	F-19	108	94	102
460-41730-15	F-21	110	93	99
460-41730-16	F-22	115	93	102
460-41730-18	F-24	113	94	99
460-41730-20	F-26	109	95	102
460-41730-21	F-27	105	95	99
460-41730-22	F-28	108	96	102
460-41730-23	FD-J	107	97	100
MB 460-117746/5		120	98	100
MB 460-118221/5		108	94	99
MB 460-118368/5		106	95	98
LB3 460-117585/1-A		106	99	98
LCS 460-117746/3		103	97	100
LCS 460-118221/3		100	96	103
LCS 460-118368/3		105	94	100
LCSD 460-117746/4		104	97	101
LCSD 460-118368/4		104	96	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8260B TCL VOA + 10

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-41730-5 MS	SF-29 MS	110	94	103
460-41730-5 MSD	SF-29 MSD	102	95	104

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-41730-14	F-20	98	89	90
460-41730-17	F-23	97	85	84
MB 460-118537/4		107	106	104
LCS 460-118537/3		106	107	104
460-41730-17 MS	F-23 MS	93	89	85
460-41730-17 MSD	F-23 MSD	93	89	84

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8270C TCL BNA + 25 TICs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-41730-1	SL-10	92	87	71	73	59	88
460-41730-2	SF-26	101	96	82	83	75	103
460-41730-3	SF-27	104	94	73	77	86	80
460-41730-4	SF-28	97	94	76	84	75	92
460-41730-5	SF-29	67	71	54	52	58	101
460-41730-6	SF-30	94	94	72	78	69	87
460-41730-7	SF-31	87	92	78	79	71	99
460-41730-8	SF-32	105	104	76	87	76	104
460-41730-9	SF-33	110	100	77	85	76	94
460-41730-10	FD-H	98	103	80	77	75	105
460-41730-11	F-17	107	106	80	80	75	113
460-41730-12	F-18	107	99	79	81	64	100
460-41730-13	F-19	91	89	71	79	71	102
460-41730-14	F-20	65	68	65	74	59	62
460-41730-15	F-21	94	90	65	63	61	93
460-41730-16	F-22	92	89	77	79	67	108
460-41730-17	F-23	77	76	78	83	61	73
460-41730-18	F-24	96	93	68	72	65	104
460-41730-20	F-26	98	101	73	72	64	96
460-41730-21	F-27	97	99	74	77	59	100
460-41730-22	F-28	101	95	77	82	62	99
460-41730-23	FD-J	76	76	79	85	63	90
MB 460-118529/1-A		93	91	69	71	85	92
MB 460-118530/1-A		76	79	71	75	74	88
LCS 460-118529/2-A		80	76	66	66	75	78
LCS 460-118530/2-A		69	69	68	75	71	71
460-41730-5 MS	SF-29 MS	64	75	48	57	66	88
460-41730-17 MS	F-23 MS	80	83	78	94	69	76
460-41730-5 MSD	SF-29 MSD	56	62	47	55	64	91

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8270C TCL BNA + 25 TICs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-41730-17 MSD	F-23 MSD	75	79	73	89	65	67

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8081A_TCL Pesticides (OLM04.2)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-41730-1	SL-10	88	89	100	95
460-41730-2	SF-26	92	91	104	97
460-41730-3	SF-27	80	80	93	87
460-41730-4	SF-28	64	63	77	71
460-41730-5	SF-29	65	67	80	74
460-41730-6	SF-30	81	81	94	86
460-41730-7	SF-31	86	99	100	93
460-41730-8	SF-32	83	85	93	85
460-41730-9	SF-33	83	83	97	89
460-41730-10	FD-H	84	84	94	85
460-41730-11	F-17	98	97	113	103
460-41730-12	F-18	86	84	105	95
460-41730-13	F-19	80	78	90	84
460-41730-14	F-20	57	71	87	89
460-41730-15	F-21	80	78	85	78
460-41730-16	F-22	77	75	84	76
460-41730-17	F-23	58p	104	79	86
460-41730-18	F-24	92	89	103	92
460-41730-20	F-26	95	93	109	98
460-41730-21	F-27	94	92	104	93
460-41730-22	F-28	83	82	92	83
460-41730-23	FD-J	86	75	90	85
MB 460-118074/1-A		118	113	129	118
MB 460-118077/1-A		123	112	129	117
LCS 460-118074/2-A		123	112	125	117
LCS 460-118077/2-A		115	119	126	116
460-41730-5 MS	SF-29 MS	125	110	121	111
460-41730-17 MS	F-23 MS	82	94	93	93
460-41730-5 MSD	SF-29 MSD	127	112	122	114

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8081A_TCL Pesticides (OLM04.2)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-41730-17 MSD	F-23 MSD	82	87	90	93

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8082 PCBs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-41730-1	SL-10	81	81
460-41730-2	SF-26	81	77
460-41730-3	SF-27	72	69
460-41730-4	SF-28	55	52
460-41730-5	SF-29	45	45
460-41730-6	SF-30	72	69
460-41730-7	SF-31	82	79
460-41730-8	SF-32	75	72
460-41730-9	SF-33	77	75
460-41730-10	FD-H	71	68
460-41730-11	F-17	86	83
460-41730-12	F-18	93	90
460-41730-13	F-19	59	60
460-41730-14	F-20	76	92
460-41730-15	F-21	52	54
460-41730-16	F-22	61	61
460-41730-17	F-23	65	82
460-41730-18	F-24	89	86
460-41730-20	F-26	97	94
460-41730-21	F-27	101	98
460-41730-22	F-28	57	56
460-41730-23	FD-J	67	72
MB 460-118068/1-A		94	95
MB 460-118069/1-A		111	103
LCS 460-118068/2-A		83	83
LCS 460-118069/2-A		123	113
460-41730-5 MS	SF-29 MS	52	50
460-41730-17 MS	F-23 MS	29X	31
460-41730-5 MSD	SF-29 MSD	57	54

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Surrogate Recovery Report

8082 PCBs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-41730-17 MSD	F-23 MSD	27X	31

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117582

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	460-117582	Lab File ID:	e05043.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.30 g
Analysis Date:	07/03/2012 2331			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0351				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	460-117582	Lab File ID:	e05044.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	07/03/2012 2355			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0351				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	92	102	78 - 118	12	30		
1,1,2,2-Tetrachloroethane	342	335	86 - 145	0	30	F	F
1,1,2-Trichloroethane	134	142	77 - 120	8	30	F	F
1,1-Dichloroethane	94	96	79 - 119	3	30		
1,1-Dichloroethene	102	106	68 - 138	6	30		
1,2,3-Trichlorobenzene	101	108	36 - 207	9	30		
1,2,4-Trichlorobenzene	101	107	62 - 144	8	30		
1,2-Dibromo-3-Chloropropane	103	111	62 - 127	10	30		
1,2-Dibromoethane	97	103	76 - 120	8	30		
1,2-Dichlorobenzene	97	103	83 - 123	8	30		
1,2-Dichloroethane	99	106	81 - 121	9	30		
1,2-Dichloropropane	101	108	78 - 118	9	30		
1,3-Dichlorobenzene	97	103	83 - 123	8	30		
1,4-Dichlorobenzene	96	102	84 - 124	7	30		
1,4-Dioxane	77	116	54 - 147	43	30		F
2-Butanone	110	109	70 - 139	1	30		
2-Hexanone	113	122	62 - 123	10	30		
4-Methyl-2-pentanone	182	188	69 - 124	5	30	F	F
Acetone	104	93	48 - 177	6	30		
Benzene	98	107	71 - 118	11	30		
Bromochloromethane	99	106	81 - 121	9	30		
Bromodichloromethane	94	102	78 - 118	10	30		
Bromoform	87	96	76 - 133	13	30		
Bromomethane	81	102	58 - 164	25	30		
Carbon disulfide	96	102	70 - 120	8	30		
Carbon tetrachloride	92	101	64 - 130	11	30		
Chlorobenzene	99	104	69 - 124	7	30		
Chloroethane	79	88	66 - 144	12	30		
Chloroform	99	106	81 - 122	9	30		
Chloromethane	102	106	52 - 144	5	30		
cis-1,2-Dichloroethene	98	107	78 - 118	11	30		
cis-1,3-Dichloropropene	94	103	75 - 120	11	30		
Cyclohexane	104	110	69 - 128	8	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117582

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	460-117582	Lab File ID:	e05043.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.30 g
Analysis Date:	07/03/2012 2331			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0351				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	460-117582	Lab File ID:	e05044.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	3.23 g
Analysis Date:	07/03/2012 2355			Final Weight/Volume:	10 mL
Prep Date:	06/27/2012 0351				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibromochloromethane	89	99	78 - 118	13	30		
Dichlorodifluoromethane	107	107	41 - 149	2	30		
Ethylbenzene	99	108	78 - 124	11	30		
Freon TF	98	102	50 - 128	6	30		
Isopropylbenzene	99	105	80 - 143	8	30		
Methyl acetate	102	100	72 - 165	0	30		
Methylcyclohexane	102	108	80 - 134	8	30		
Methylene Chloride	90	100	78 - 118	13	30		
MTBE	93	99	65 - 143	8	30		
Styrene	99	105	73 - 126	9	30		
Tetrachloroethene	99	106	78 - 136	9	30		
Toluene	86	98	79 - 136	7	30		
trans-1,2-Dichloroethene	93	95	73 - 119	4	30		
trans-1,3-Dichloropropene	94	105	73 - 118	13	30		
Trichloroethene	99	103	82 - 122	7	30		
Trichlorofluoromethane	86	91	60 - 148	8	30		
Vinyl chloride	107	113	55 - 154	7	30		
Xylenes, Total	98	104	78 - 126	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	93	75 - 135
Toluene-d8 (Surr)	89	89	59 - 150
Bromofluorobenzene	85	84	72 - 133

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117582

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-17	Units:	ug/Kg	MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	07/03/2012 2331			Analysis Date:	07/03/2012 2355
Prep Date:	06/27/2012 0351			Prep Date:	06/27/2012 0351
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	27	U	7640	7810	7030		7950	
1,1,2,2-Tetrachloroethane	69	U	7640	7810	26100	F	26200	F
1,1,2-Trichloroethane	82	U	7640	7810	10200	F	11100	F
1,1-Dichloroethane	57	U	7640	7810	7210		7460	
1,1-Dichloroethene	39	U	7640	7810	7770		8270	
1,2,3-Trichlorobenzene	220	U	7640	7810	7700		8460	
1,2,4-Trichlorobenzene	150	U	7640	7810	7730		8360	
1,2-Dibromo-3-Chloropropane	180	U	7640	7810	7840		8660	
1,2-Dibromoethane	120	U	7640	7810	7430		8030	
1,2-Dichlorobenzene	1100		7640	7810	8480		9140	
1,2-Dichloroethane	83	U	7640	7810	7570		8310	
1,2-Dichloropropane	38	U	7640	7810	7690		8430	
1,3-Dichlorobenzene	83	J	7640	7810	7490		8090	
1,4-Dichlorobenzene	1400		7640	7810	8670		9340	
1,4-Dioxane	16000	U	57300	58600	43900		67700	F
2-Butanone	1000	U	7640	7810	8400		8510	
2-Hexanone	220	U	7640	7810	8630		9520	
4-Methyl-2-pentanone	430	U	7640	7810	13900	F	14700	F
Acetone	2600		7640	7810	10600		9940	
Benzene	36	U	7640	7810	7470		8330	
Bromochloromethane	120	U	7640	7810	7560		8260	
Bromodichloromethane	55	U	7640	7810	7210		7970	
Bromoform	84	U	7640	7810	6610		7520	
Bromomethane	79	U	7640	7810	6180		7980	
Carbon disulfide	250	J	7640	7810	7570		8180	
Carbon tetrachloride	25	U	7640	7810	7060		7860	
Chlorobenzene	48	U	7640	7810	7540		8090	
Chloroethane	74	U	7640	7810	6070		6860	
Chloroform	34	U	7640	7810	7540		8280	
Chloromethane	42	U	7640	7810	7810		8250	
cis-1,2-Dichloroethene	78	U	7640	7810	7470		8320	
cis-1,3-Dichloropropene	81	U	7640	7810	7210		8070	
Cyclohexane	69	U	7640	7810	7910		8550	
Dibromochloromethane	87	U	7640	7810	6780		7690	
Dichlorodifluoromethane	94	U	7640	7810	8190		8330	
Ethylbenzene	91	J	7640	7810	7690		8560	
Freon TF	36	U	7640	7810	7510		7960	
Isopropylbenzene	220	J	7640	7810	7760		8420	
Methyl acetate	3300		7640	7810	11100		11100	
Methylcyclohexane	86	J	7640	7810	7880		8550	
Methylene Chloride	80	U	7640	7810	6870		7830	
MTBE	60	U	7640	7810	7130		7760	
Styrene	52	U	7640	7810	7530		8200	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117582

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-17	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	07/03/2012 2331		
Prep Date:	06/27/2012 0351		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid
Dilution:	100
Analysis Date:	07/03/2012 2355
Prep Date:	06/27/2012 0351
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Tetrachloroethene	43	U	7640	7810	7600	8300
Toluene	8600		7640	7810	15200	16300
trans-1,2-Dichloroethene	56	U	7640	7810	7090	7410
trans-1,3-Dichloropropene	110	U	7640	7810	7220	8230
Trichloroethene	74	J	7640	7810	7610	8120
Trichlorofluoromethane	64	U	7640	7810	6560	7130
Vinyl chloride	63	U	7640	7810	8210	8800
Xylenes, Total	890	J	22900	23400	23300	25400

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-117585

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-117585/1-A	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61613.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/27/2012 2207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0303				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,4-Dioxane	13	U	13	50
2-Butanone	0.63	U	0.63	10
2-Hexanone	0.13	U	0.13	10
4-Methyl-2-pentanone	0.20	U	0.20	10
Acetone	3.28	J	1.7	10
Benzene	0.15	U	0.15	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Cyclohexane	0.13	U	0.13	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Ethylbenzene	0.17	U	0.17	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	1.24		0.15	1.0
MTBE	0.11	U	0.11	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-117585

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-117585/1-A	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61613.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/27/2012 2207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0303				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Bromofluorobenzene	98	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-117585

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117585

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61794.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.42 g
Analysis Date:	07/02/2012 1201			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0308				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61795.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.33 g
Analysis Date:	07/02/2012 1232			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0309				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	104	99	78 - 117	3	30		
1,1,2,2-Tetrachloroethane	79	82	79 - 122	4	30		
1,1,2-Trichloroethane	87	88	73 - 118	3	30		
1,1-Dichloroethane	101	95	76 - 125	4	30		
1,1-Dichloroethene	102	96	71 - 126	5	30		
1,2,3-Trichlorobenzene	64	53	75 - 121	17	30	F	F
1,2,4-Trichlorobenzene	64	54	80 - 120	15	30	F	F
1,2-Dibromo-3-Chloropropane	69	71	74 - 118	4	30	F	F
1,2-Dibromoethane	88	88	75 - 117	2	30		
1,2-Dichlorobenzene	76	71	80 - 120	5	30	F	F
1,2-Dichloroethane	100	98	76 - 118	1	30		
1,2-Dichloropropane	97	97	82 - 122	2	30		
1,3-Dichlorobenzene	74	70	80 - 120	4	30	F	F
1,4-Dichlorobenzene	74	68	80 - 120	8	30	F	F
1,4-Dioxane	116	96	69 - 131	16	30		
2-Butanone	99	121	77 - 117	19	30		F
2-Hexanone	72	79	70 - 122	11	30		
4-Methyl-2-pentanone	89	95	68 - 120	8	30		
Acetone	107	181	27 - 164	35	30		F
Benzene	98	95	77 - 117	2	30		
Bromochloromethane	122	118	74 - 125	2	30		
Bromodichloromethane	102	100	79 - 119	0	30		
Bromoform	80	71	59 - 125	10	30		
Bromomethane	92	77	54 - 142	15	30		
Carbon disulfide	71	66	72 - 128	5	30	F	F
Carbon tetrachloride	97	93	79 - 118	2	30		
Chlorobenzene	86	84	80 - 120	0	30		
Chloroethane	98	84	56 - 146	13	30		
Chloroform	108	103	77 - 120	4	30		
Chloromethane	105	95	50 - 151	9	30		
cis-1,2-Dichloroethene	99	97	80 - 120	0	30		
cis-1,3-Dichloropropene	87	84	80 - 123	1	30		
Cyclohexane	84	80	80 - 121	3	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117585

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61794.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.42 g
Analysis Date:	07/02/2012 1201			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0308				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-117585	Lab File ID:	o61795.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.33 g
Analysis Date:	07/02/2012 1232			Final Weight/Volume:	5 mL
Prep Date:	06/27/2012 0309				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibromochloromethane	75	73	68 - 120	1	30		
Dichlorodifluoromethane	86	75	52 - 144	12	30		
Ethylbenzene	87	85	81 - 121	0	30		
Freon TF	110	106	73 - 123	2	30		
Isopropylbenzene	83	79	65 - 129	3	30		
Methyl acetate	221	259	73 - 137	18	30	F	F
Methylcyclohexane	76	75	78 - 118	0	30	F	F
Methylene Chloride	115	110	74 - 137	2	30		
MTBE	96	102	78 - 120	8	30		
Styrene	81	78	82 - 122	2	30	F	F
Tetrachloroethene	88	90	80 - 120	3	30		
Toluene	81	81	75 - 115	1	30		
trans-1,2-Dichloroethene	96	90	75 - 122	4	30		
trans-1,3-Dichloropropene	65	65	67 - 121	2	30	F	F
Trichloroethene	98	96	79 - 119	0	30		
Trichlorofluoromethane	94	83	61 - 139	10	30		
Vinyl chloride	95	82	67 - 133	12	30		
Xylenes, Total	83	80	82 - 122	3	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	102	70 - 130
Toluene-d8 (Surr)	94	95	70 - 130
Bromofluorobenzene	103	104	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117585

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	MSD Lab Sample ID:	460-41730-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/02/2012 1201		Analysis Date:	07/02/2012 1232	
Prep Date:	06/27/2012 0308		Prep Date:	06/27/2012 0309	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	0.14	U	21.8	22.2	22.7		22.0	
1,1,2,2-Tetrachloroethane	0.098	U	21.8	22.2	17.3		18.1	
1,1,2-Trichloroethane	0.15	U	21.8	22.2	19.0		19.5	
1,1-Dichloroethane	0.12	U	21.8	22.2	22.1		21.2	
1,1-Dichloroethene	0.21	U	21.8	22.2	22.3		21.3	
1,2,3-Trichlorobenzene	0.17	U	21.8	22.2	14.0	F	11.8	F
1,2,4-Trichlorobenzene	0.21	U	21.8	22.2	13.9	F	12.0	F
1,2-Dibromo-3-Chloropropane	0.48	U	21.8	22.2	15.1	F	15.7	F
1,2-Dibromoethane	0.16	U	21.8	22.2	19.1		19.6	
1,2-Dichlorobenzene	0.11	U	21.8	22.2	16.7	F	15.8	F
1,2-Dichloroethane	0.20	U	21.8	22.2	21.7		21.9	
1,2-Dichloropropane	0.16	U	21.8	22.2	21.1		21.5	
1,3-Dichlorobenzene	0.17	U	21.8	22.2	16.2	F	15.6	F
1,4-Dichlorobenzene	0.12	U	21.8	22.2	16.2	F	15.0	F
1,4-Dioxane	14	U	164	167	189		160	
2-Butanone	3.4	J	21.8	22.2	25.1		30.2	F
2-Hexanone	0.14	U	21.8	22.2	15.8		17.5	
4-Methyl-2-pentanone	0.22	J	21.8	22.2	20.0		21.7	
Acetone	16		21.8	22.2	39.6		56.4	F
Benzene	0.16	U	21.8	22.2	21.4		21.1	
Bromochloromethane	0.12	U	21.8	22.2	26.7		26.2	
Bromodichloromethane	0.35	U	21.8	22.2	22.2		22.2	
Bromoform	0.19	U	21.8	22.2	17.5		15.9	
Bromomethane	0.47	U	21.8	22.2	20.0		17.2	
Carbon disulfide	0.19	J	21.8	22.2	15.6	F	14.9	F
Carbon tetrachloride	0.16	U	21.8	22.2	21.1		20.7	
Chlorobenzene	0.20	U	21.8	22.2	18.7		18.7	
Chloroethane	0.36	U	21.8	22.2	21.4		18.8	
Chloroform	0.26	U	21.8	22.2	23.6		22.8	
Chloromethane	0.17	U	21.8	22.2	23.0		21.1	
cis-1,2-Dichloroethene	0.12	U	21.8	22.2	21.6		21.5	
cis-1,3-Dichloropropene	0.15	U	21.8	22.2	19.0		18.8	
Cyclohexane	0.14	U	21.8	22.2	18.3		17.8	
Dibromochloromethane	0.11	U	21.8	22.2	16.4		16.2	
Dichlorodifluoromethane	0.24	U	21.8	22.2	18.8		16.8	
Ethylbenzene	0.19	U	21.8	22.2	18.9		18.9	
Freon TF	0.12	U	21.8	22.2	24.0		23.6	
Isopropylbenzene	0.12	U	21.8	22.2	18.1		17.6	
Methyl acetate	0.35	U	21.8	22.2	48.3	F	57.6	F
Methylcyclohexane	0.11	U	21.8	22.2	16.7	F	16.6	F
Methylene Chloride	1.2		21.8	22.2	26.2		25.7	
MTBE	0.12	U	21.8	22.2	21.0		22.7	
Styrene	0.31	U	21.8	22.2	17.8	F	17.4	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-117585

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41730-5	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/02/2012 1201		
Prep Date:	06/27/2012 0308		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/02/2012 1232
Prep Date:	06/27/2012 0309
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Tetrachloroethene	0.13	U	21.8	22.2	19.3		19.9	
Toluene	0.28	J	21.8	22.2	18.1		18.2	
trans-1,2-Dichloroethene	0.14	U	21.8	22.2	20.9		20.0	
trans-1,3-Dichloropropene	0.11	U	21.8	22.2	14.1	F	14.4	F
Trichloroethene	0.13	U	21.8	22.2	21.4		21.4	
Trichlorofluoromethane	0.17	U	21.8	22.2	20.4		18.5	
Vinyl chloride	0.37	U	21.8	22.2	20.7		18.3	
Xylenes, Total	0.73	U	65.5	66.6	54.5		53.1	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117746

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117746/5	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61605.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1848	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,4-Dioxane	13	U	13	50
2-Butanone	0.63	U	0.63	10
2-Hexanone	0.13	U	0.13	10
4-Methyl-2-pentanone	0.20	U	0.20	10
Acetone	1.7	U	1.7	10
Benzene	0.15	U	0.15	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Cyclohexane	0.13	U	0.13	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Ethylbenzene	0.17	U	0.17	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	0.644	J	0.15	1.0
MTBE	0.11	U	0.11	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117746

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117746/5	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61605.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1848	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	70 - 130
Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Method Blank TICs- Batch: 460-117746

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-117746

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117746/3	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61602.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1732	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-117746/4	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61603.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1757	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	111	115	78 - 117	3	30		
1,1,2,2-Tetrachloroethane	87	92	79 - 122	6	30		
1,1,2-Trichloroethane	89	96	73 - 118	8	30		
1,1-Dichloroethane	105	105	76 - 125	1	30		
1,1-Dichloroethene	108	108	71 - 126	0	30		
1,2,3-Trichlorobenzene	99	100	75 - 121	2	30		
1,2,4-Trichlorobenzene	102	105	80 - 120	3	30		
1,2-Dibromo-3-Chloropropane	83	86	74 - 118	3	30		
1,2-Dibromoethane	91	98	75 - 117	8	30		
1,2-Dichlorobenzene	99	101	80 - 120	3	30		
1,2-Dichloroethane	104	106	76 - 118	3	30		
1,2-Dichloropropane	99	103	82 - 122	4	30		
1,3-Dichlorobenzene	96	100	80 - 120	4	30		
1,4-Dichlorobenzene	94	99	80 - 120	6	30		
1,4-Dioxane	105	91	69 - 131	14	30		
2-Butanone	85	83	77 - 117	2	30		
2-Hexanone	84	82	70 - 122	3	30		
4-Methyl-2-pentanone	93	90	68 - 120	3	30		
Acetone	121	125	27 - 164	4	30		
Benzene	102	106	77 - 117	4	30		
Bromochloromethane	122	130	74 - 125	6	30		*
Bromodichloromethane	107	108	79 - 119	1	30		
Bromoform	87	90	59 - 125	4	30		
Bromomethane	119	115	54 - 142	3	30		
Carbon disulfide	104	101	72 - 128	3	30		
Carbon tetrachloride	109	113	79 - 118	4	30		
Chlorobenzene	97	103	80 - 120	5	30		
Chloroethane	111	109	56 - 146	2	30		
Chloroform	109	110	77 - 120	1	30		
Chloromethane	136	131	50 - 151	3	30		
cis-1,2-Dichloroethene	106	108	80 - 120	2	30		
cis-1,3-Dichloropropene	100	106	80 - 123	6	30		
Cyclohexane	107	105	80 - 121	2	30		
Dibromochloromethane	82	86	68 - 120	5	30		
Dichlorodifluoromethane	122	121	52 - 144	1	30		
Ethylbenzene	102	103	81 - 121	2	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-117746

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117746/3	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61602.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1732	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-117746/4	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61603.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2012 1757	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Freon TF	110	111	73 - 123	1	30		
Isopropylbenzene	101	105	65 - 129	4	30		
Methyl acetate	100	100	73 - 137	0	30		
Methylcyclohexane	105	103	78 - 118	1	30		
Methylene Chloride	127	133	74 - 137	4	30		
MTBE	96	96	78 - 120	0	30		
Styrene	98	102	82 - 122	3	30		
Tetrachloroethene	105	110	80 - 120	4	30		
Toluene	94	99	75 - 115	5	30		
trans-1,2-Dichloroethene	108	114	75 - 122	5	30		
trans-1,3-Dichloropropene	73	78	67 - 121	6	30		
Trichloroethene	103	111	79 - 119	7	30		
Trichlorofluoromethane	112	112	61 - 139	0	30		
Vinyl chloride	114	113	67 - 133	1	30		
Xylenes, Total	98	101	82 - 122	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	104	70 - 130
Bromofluorobenzene	100	101	70 - 130
Toluene-d8 (Surr)	97	97	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-117746

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117746/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-117746/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/27/2012 1732			Analysis Date:	06/27/2012 1757
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
1,1,1-Trichloroethane	20.0	20.0	22.2	23.0	
1,1,2,2-Tetrachloroethane	20.0	20.0	17.3	18.3	
1,1,2-Trichloroethane	20.0	20.0	17.8	19.2	
1,1-Dichloroethane	20.0	20.0	20.9	21.1	
1,1-Dichloroethene	20.0	20.0	21.6	21.7	
1,2,3-Trichlorobenzene	20.0	20.0	19.7	20.1	
1,2,4-Trichlorobenzene	20.0	20.0	20.4	20.9	
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.7	17.2	
1,2-Dibromoethane	20.0	20.0	18.1	19.6	
1,2-Dichlorobenzene	20.0	20.0	19.8	20.3	
1,2-Dichloroethane	20.0	20.0	20.7	21.3	
1,2-Dichloropropane	20.0	20.0	19.7	20.5	
1,3-Dichlorobenzene	20.0	20.0	19.2	20.0	
1,4-Dichlorobenzene	20.0	20.0	18.8	19.9	
1,4-Dioxane	150	150	157	137	
2-Butanone	20.0	20.0	16.9	16.5	
2-Hexanone	20.0	20.0	16.9	16.5	
4-Methyl-2-pentanone	20.0	20.0	18.7	18.1	
Acetone	20.0	20.0	24.1	25.0	
Benzene	20.0	20.0	20.3	21.1	
Bromochloromethane	20.0	20.0	24.4	25.9	*
Bromodichloromethane	20.0	20.0	21.3	21.6	
Bromoform	20.0	20.0	17.4	18.0	
Bromomethane	20.0	20.0	23.7	22.9	
Carbon disulfide	20.0	20.0	20.7	20.2	
Carbon tetrachloride	20.0	20.0	21.7	22.6	
Chlorobenzene	20.0	20.0	19.4	20.5	
Chloroethane	20.0	20.0	22.2	21.9	
Chloroform	20.0	20.0	21.8	22.0	
Chloromethane	20.0	20.0	27.2	26.3	
cis-1,2-Dichloroethene	20.0	20.0	21.2	21.7	
cis-1,3-Dichloropropene	20.0	20.0	20.0	21.2	
Cyclohexane	20.0	20.0	21.3	20.9	
Dibromochloromethane	20.0	20.0	16.5	17.3	
Dichlorodifluoromethane	20.0	20.0	24.4	24.2	
Ethylbenzene	20.0	20.0	20.4	20.7	
Freon TF	20.0	20.0	21.9	22.2	
Isopropylbenzene	20.0	20.0	20.2	21.1	
Methyl acetate	20.0	20.0	20.0	20.1	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-117746

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117746/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-117746/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/27/2012 1732			Analysis Date:	06/27/2012 1757
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Methylcyclohexane	20.0	20.0	20.9	20.7
Methylene Chloride	20.0	20.0	25.4	26.5
MTBE	20.0	20.0	19.1	19.2
Styrene	20.0	20.0	19.7	20.3
Tetrachloroethene	20.0	20.0	21.0	21.9
Toluene	20.0	20.0	18.8	19.9
trans-1,2-Dichloroethene	20.0	20.0	21.7	22.8
trans-1,3-Dichloropropene	20.0	20.0	14.6	15.6
Trichloroethene	20.0	20.0	20.6	22.1
Trichlorofluoromethane	20.0	20.0	22.5	22.5
Vinyl chloride	20.0	20.0	22.9	22.6
Xylenes, Total	60.0	60.0	58.7	60.4

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118221

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118221/5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61784.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 0751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,4-Dioxane	13	U	13	50
2-Butanone	0.63	U	0.63	10
2-Hexanone	0.13	U	0.13	10
4-Methyl-2-pentanone	0.20	U	0.20	10
Acetone	4.80	J	1.7	10
Benzene	0.15	U	0.15	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Cyclohexane	0.13	U	0.13	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Ethylbenzene	0.17	U	0.17	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	0.959	J	0.15	1.0
MTBE	0.11	U	0.11	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118221

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118221/5	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61784.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 0751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 130
Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	94	70 - 130

Method Blank TICs- Batch: 460-118221

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118221

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-118221/3	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61780.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 0518	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	20.0	21.9	109	78 - 117	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	79 - 122	
1,1,2-Trichloroethane	20.0	18.9	95	73 - 118	
1,1-Dichloroethane	20.0	19.6	98	76 - 125	
1,1-Dichloroethene	20.0	20.6	103	71 - 126	
1,2,3-Trichlorobenzene	20.0	19.7	99	75 - 121	
1,2,4-Trichlorobenzene	20.0	19.5	98	80 - 120	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	74 - 118	
1,2-Dibromoethane	20.0	21.0	105	75 - 117	
1,2-Dichlorobenzene	20.0	19.4	97	80 - 120	
1,2-Dichloroethane	20.0	20.7	104	76 - 118	
1,2-Dichloropropane	20.0	20.2	101	82 - 122	
1,3-Dichlorobenzene	20.0	19.4	97	80 - 120	
1,4-Dichlorobenzene	20.0	19.3	96	80 - 120	
1,4-Dioxane	150	149	99	69 - 131	
2-Butanone	20.0	22.1	110	77 - 117	
2-Hexanone	20.0	18.3	91	70 - 122	
4-Methyl-2-pentanone	20.0	22.1	110	68 - 120	
Acetone	20.0	28.7	144	27 - 164	
Benzene	20.0	21.9	110	77 - 117	
Bromochloromethane	20.0	24.7	124	74 - 125	
Bromodichloromethane	20.0	21.2	106	79 - 119	
Bromoform	20.0	19.7	98	59 - 125	
Bromomethane	20.0	21.5	107	54 - 142	
Carbon disulfide	20.0	19.9	100	72 - 128	
Carbon tetrachloride	20.0	22.8	114	79 - 118	
Chlorobenzene	20.0	20.1	100	80 - 120	
Chloroethane	20.0	19.7	98	56 - 146	
Chloroform	20.0	20.8	104	77 - 120	
Chloromethane	20.0	24.5	123	50 - 151	
cis-1,2-Dichloroethene	20.0	21.0	105	80 - 120	
cis-1,3-Dichloropropene	20.0	21.5	108	80 - 123	
Cyclohexane	20.0	21.2	106	80 - 121	
Dibromochloromethane	20.0	17.9	90	68 - 120	
Dichlorodifluoromethane	20.0	21.3	107	52 - 144	
Ethylbenzene	20.0	20.8	104	81 - 121	
Freon TF	20.0	22.6	113	73 - 123	
Isopropylbenzene	20.0	20.4	102	65 - 129	
Methyl acetate	20.0	23.2	116	73 - 137	
Methylcyclohexane	20.0	22.8	114	78 - 118	
Methylene Chloride	20.0	24.0	120	74 - 137	
MTBE	20.0	21.4	107	78 - 120	
Styrene	20.0	19.9	99	82 - 122	
Tetrachloroethene	20.0	23.2	116	80 - 120	
Toluene	20.0	19.6	98	75 - 115	
trans-1,2-Dichloroethene	20.0	21.3	106	75 - 122	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118221

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-118221/3	Analysis Batch:	460-118221	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61780.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 0518	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	20.0	16.9	84	67 - 121	
Trichloroethene	20.0	23.1	115	79 - 119	
Trichlorofluoromethane	20.0	20.3	101	61 - 139	
Vinyl chloride	20.0	20.8	104	67 - 133	
Xylenes, Total	60.0	59.5	99	82 - 122	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 130
Bromofluorobenzene	103	70 - 130
Toluene-d8 (Surr)	96	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118368

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118368/5	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61812.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1952	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.13	U	0.13	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,4-Dioxane	13	U	13	50
2-Butanone	0.63	U	0.63	10
2-Hexanone	0.13	U	0.13	10
4-Methyl-2-pentanone	0.20	U	0.20	10
Acetone	4.32	J	1.7	10
Benzene	0.15	U	0.15	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0
Bromoform	0.17	U	0.17	1.0
Bromomethane	0.43	U	0.43	1.0
Carbon disulfide	0.15	U	0.15	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Chlorobenzene	0.18	U	0.18	1.0
Chloroethane	0.33	U	0.33	1.0
Chloroform	0.24	U	0.24	1.0
Chloromethane	0.16	U	0.16	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Cyclohexane	0.13	U	0.13	1.0
Dibromochloromethane	0.10	U	0.10	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Ethylbenzene	0.17	U	0.17	1.0
Freon TF	0.11	U	0.11	1.0
Isopropylbenzene	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Methylene Chloride	1.35		0.15	1.0
MTBE	0.11	U	0.11	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118368

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118368/5	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61812.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1952	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Trichloroethene	0.12	U	0.12	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Vinyl chloride	0.34	U	0.34	1.0
Xylenes, Total	0.67	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Bromofluorobenzene	98	70 - 130
Toluene-d8 (Surr)	95	70 - 130

Method Blank TICs- Batch: 460-118368

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-118368

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-118368/3	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61808.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1754	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-118368/4	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61809.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1819	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	108	111	78 - 117	3	30		
1,1,2,2-Tetrachloroethane	86	85	79 - 122	1	30		
1,1,2-Trichloroethane	91	93	73 - 118	2	30		
1,1-Dichloroethane	106	104	76 - 125	2	30		
1,1-Dichloroethene	100	104	71 - 126	3	30		
1,2,3-Trichlorobenzene	104	102	75 - 121	2	30		
1,2,4-Trichlorobenzene	103	105	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	82	80	74 - 118	2	30		
1,2-Dibromoethane	100	98	75 - 117	2	30		
1,2-Dichlorobenzene	99	98	80 - 120	1	30		
1,2-Dichloroethane	110	108	76 - 118	1	30		
1,2-Dichloropropane	101	102	82 - 122	1	30		
1,3-Dichlorobenzene	97	95	80 - 120	3	30		
1,4-Dichlorobenzene	95	94	80 - 120	1	30		
1,4-Dioxane	99	111	69 - 131	11	30		
2-Butanone	101	89	77 - 117	12	30		
2-Hexanone	79	83	70 - 122	4	30		
4-Methyl-2-pentanone	96	89	68 - 120	7	30		
Acetone	133	131	27 - 164	1	30		
Benzene	106	107	77 - 117	1	30		
Bromochloromethane	137	134	74 - 125	2	30	*	*
Bromodichloromethane	115	115	79 - 119	0	30		
Bromoform	98	94	59 - 125	4	30		
Bromomethane	114	110	54 - 142	3	30		
Carbon disulfide	95	97	72 - 128	1	30		
Carbon tetrachloride	110	112	79 - 118	2	30		
Chlorobenzene	100	101	80 - 120	0	30		
Chloroethane	105	104	56 - 146	1	30		
Chloroform	115	109	77 - 120	5	30		
Chloromethane	129	128	50 - 151	0	30		
cis-1,2-Dichloroethene	112	112	80 - 120	0	30		
cis-1,3-Dichloropropene	104	110	80 - 123	5	30		
Cyclohexane	90	93	80 - 121	3	30		
Dibromochloromethane	91	87	68 - 120	4	30		
Dichlorodifluoromethane	100	103	52 - 144	2	30		
Ethylbenzene	102	99	81 - 121	3	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-118368

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-118368/3	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61808.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1754	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-118368/4	Analysis Batch:	460-118368	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o61809.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2012 1819	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Freon TF	100	106	73 - 123	6	30		
Isopropylbenzene	97	98	65 - 129	2	30		
Methyl acetate	118	119	73 - 137	1	30		
Methylcyclohexane	94	98	78 - 118	4	30		
Methylene Chloride	136	134	74 - 137	1	30		
MTBE	102	102	78 - 120	0	30		
Styrene	100	98	82 - 122	2	30		
Tetrachloroethene	104	106	80 - 120	2	30		
Toluene	95	95	75 - 115	0	30		
trans-1,2-Dichloroethene	109	111	75 - 122	1	30		
trans-1,3-Dichloropropene	76	79	67 - 121	3	30		
Trichloroethene	108	109	79 - 119	1	30		
Trichlorofluoromethane	97	98	61 - 139	2	30		
Vinyl chloride	103	102	67 - 133	1	30		
Xylenes, Total	97	98	82 - 122	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	104	70 - 130
Bromofluorobenzene	100	101	70 - 130
Toluene-d8 (Surr)	94	96	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-118368

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-118368/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-118368/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/02/2012 1754			Analysis Date:	07/02/2012 1819
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
1,1,1-Trichloroethane	20.0	20.0	21.6		22.2	
1,1,2,2-Tetrachloroethane	20.0	20.0	17.3		17.1	
1,1,2-Trichloroethane	20.0	20.0	18.2		18.6	
1,1-Dichloroethane	20.0	20.0	21.2		20.8	
1,1-Dichloroethene	20.0	20.0	20.1		20.8	
1,2,3-Trichlorobenzene	20.0	20.0	20.8		20.5	
1,2,4-Trichlorobenzene	20.0	20.0	20.7		21.0	
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.4		16.0	
1,2-Dibromoethane	20.0	20.0	20.0		19.6	
1,2-Dichlorobenzene	20.0	20.0	19.8		19.6	
1,2-Dichloroethane	20.0	20.0	22.0		21.7	
1,2-Dichloropropane	20.0	20.0	20.2		20.5	
1,3-Dichlorobenzene	20.0	20.0	19.5		19.0	
1,4-Dichlorobenzene	20.0	20.0	19.0		18.9	
1,4-Dioxane	150	150	149		166	
2-Butanone	20.0	20.0	20.2		17.8	
2-Hexanone	20.0	20.0	15.9		16.6	
4-Methyl-2-pentanone	20.0	20.0	19.2		17.9	
Acetone	20.0	20.0	26.5		26.3	
Benzene	20.0	20.0	21.1		21.4	
Bromochloromethane	20.0	20.0	27.3	*	26.8	*
Bromodichloromethane	20.0	20.0	23.0		23.0	
Bromoform	20.0	20.0	19.5		18.7	
Bromomethane	20.0	20.0	22.7		21.9	
Carbon disulfide	20.0	20.0	19.1		19.4	
Carbon tetrachloride	20.0	20.0	22.0		22.4	
Chlorobenzene	20.0	20.0	20.0		20.1	
Chloroethane	20.0	20.0	21.0		20.8	
Chloroform	20.0	20.0	22.9		21.8	
Chloromethane	20.0	20.0	25.8		25.6	
cis-1,2-Dichloroethene	20.0	20.0	22.4		22.4	
cis-1,3-Dichloropropene	20.0	20.0	20.9		21.9	
Cyclohexane	20.0	20.0	18.1		18.6	
Dibromochloromethane	20.0	20.0	18.2		17.5	
Dichlorodifluoromethane	20.0	20.0	20.0		20.5	
Ethylbenzene	20.0	20.0	20.4		19.8	
Freon TF	20.0	20.0	19.9		21.3	
Isopropylbenzene	20.0	20.0	19.4		19.7	
Methyl acetate	20.0	20.0	23.6		23.8	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-118368

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-118368/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-118368/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/02/2012 1754			Analysis Date:	07/02/2012 1819
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Methylcyclohexane	20.0	20.0	18.7	19.6
Methylene Chloride	20.0	20.0	27.1	26.8
MTBE	20.0	20.0	20.4	20.4
Styrene	20.0	20.0	20.0	19.7
Tetrachloroethene	20.0	20.0	20.8	21.2
Toluene	20.0	20.0	19.0	19.0
trans-1,2-Dichloroethene	20.0	20.0	21.9	22.1
trans-1,3-Dichloropropene	20.0	20.0	15.3	15.7
Trichloroethene	20.0	20.0	21.6	21.8
Trichlorofluoromethane	20.0	20.0	19.4	19.7
Vinyl chloride	20.0	20.0	20.7	20.5
Xylenes, Total	60.0	60.0	58.5	58.7

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118537

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118537/4	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e05040.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	07/03/2012 2217	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	6.2	U	6.2	100
1,1,2,2-Tetrachloroethane	16	U	16	100
1,1,2-Trichloroethane	19	U	19	100
1,1-Dichloroethane	13	U	13	100
1,1-Dichloroethene	8.8	U	8.8	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,2-Dibromoethane	28	U	28	100
1,2-Dichlorobenzene	21	U	21	100
1,2-Dichloroethane	19	U	19	100
1,2-Dichloropropane	8.6	U	8.6	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,4-Dioxane	3600	U	3600	5000
2-Butanone	230	U	230	500
2-Hexanone	50	U	50	500
4-Methyl-2-pentanone	99	U	99	500
Acetone	270	U	270	500
Benzene	8.3	U	8.3	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100
Bromoform	19	U	19	100
Bromomethane	18	U	18	100
Carbon disulfide	13	U	13	100
Carbon tetrachloride	5.7	U	5.7	100
Chlorobenzene	11	U	11	100
Chloroethane	17	U	17	100
Chloroform	7.9	U	7.9	100
Chloromethane	9.7	U	9.7	100
cis-1,2-Dichloroethene	18	U	18	100
cis-1,3-Dichloropropene	18	U	18	100
Cyclohexane	16	U	16	100
Dibromochloromethane	20	U	20	100
Dichlorodifluoromethane	22	U	22	100
Ethylbenzene	9.6	U	9.6	100
Freon TF	8.2	U	8.2	100
Isopropylbenzene	7.7	U	7.7	100
Methyl acetate	34	U	34	200
Methylcyclohexane	14	U	14	100
Methylene Chloride	18	U	18	100
MTBE	14	U	14	100
Styrene	12	U	12	100
Tetrachloroethene	9.7	U	9.7	100
Toluene	15	U	15	100

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118537

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-118537/4	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e05040.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	07/03/2012 2217	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,2-Dichloroethene	13	U	13	100
trans-1,3-Dichloropropene	24	U	24	100
Trichloroethene	9.2	U	9.2	100
Trichlorofluoromethane	15	U	15	100
Vinyl chloride	14	U	14	100
Xylenes, Total	36	U	36	300

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	75 - 135
Bromofluorobenzene	104	72 - 133
Toluene-d8 (Surr)	106	59 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118537

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-118537/3	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e05037.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	07/03/2012 2056	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	2000	2000	100	78 - 118	
1,1,2,2-Tetrachloroethane	2000	2070	103	86 - 145	
1,1,2-Trichloroethane	2000	2080	104	77 - 120	
1,1-Dichloroethane	2000	1920	96	79 - 119	
1,1-Dichloroethene	2000	2030	102	68 - 138	
1,2,3-Trichlorobenzene	2000	2190	109	36 - 207	
1,2,4-Trichlorobenzene	2000	2120	106	62 - 144	
1,2-Dibromo-3-Chloropropane	2000	2240	112	62 - 127	
1,2-Dibromoethane	2000	2100	105	76 - 120	
1,2-Dichlorobenzene	2000	2080	104	83 - 123	
1,2-Dichloroethane	2000	2080	104	81 - 121	
1,2-Dichloropropane	2000	2070	103	78 - 118	
1,3-Dichlorobenzene	2000	2070	104	83 - 123	
1,4-Dichlorobenzene	2000	2050	102	84 - 124	
1,4-Dioxane	15000	16800	112	54 - 147	
2-Butanone	2000	2130	106	70 - 139	
2-Hexanone	2000	2310	116	62 - 123	
4-Methyl-2-pentanone	2000	2190	110	69 - 124	
Acetone	2000	2050	103	48 - 177	
Benzene	2000	2070	104	71 - 118	
Bromochloromethane	2000	2120	106	81 - 121	
Bromodichloromethane	2000	2050	102	78 - 118	
Bromoform	2000	2040	102	76 - 133	
Bromomethane	2000	2090	104	58 - 154	
Carbon disulfide	2000	1950	98	70 - 120	
Carbon tetrachloride	2000	2090	104	64 - 130	
Chlorobenzene	2000	2060	103	69 - 124	
Chloroethane	2000	1840	92	66 - 144	
Chloroform	2000	2050	103	81 - 122	
Chloromethane	2000	2100	105	52 - 144	
cis-1,2-Dichloroethene	2000	2130	107	78 - 118	
cis-1,3-Dichloropropene	2000	2010	100	75 - 120	
Cyclohexane	2000	2160	108	69 - 128	
Dibromochloromethane	2000	2050	103	78 - 118	
Dichlorodifluoromethane	2000	2160	108	41 - 149	
Ethylbenzene	2000	2160	108	78 - 124	
Freon TF	2000	2020	101	50 - 128	
Isopropylbenzene	2000	2110	105	80 - 143	
Methyl acetate	2000	2240	112	72 - 165	
Methylcyclohexane	2000	2120	106	80 - 134	
Methylene Chloride	2000	2020	101	78 - 118	
MTBE	2000	2030	102	65 - 143	
Styrene	2000	2130	106	73 - 126	
Tetrachloroethene	2000	2090	104	78 - 136	
Toluene	2000	2040	102	79 - 136	
trans-1,2-Dichloroethene	2000	1950	97	73 - 119	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118537

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-118537/3	Analysis Batch:	460-118537	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e05037.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	07/03/2012 2056	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	2000	2100	105	73 - 118	
Trichloroethene	2000	2100	105	82 - 122	
Trichlorofluoromethane	2000	2150	108	60 - 148	
Vinyl chloride	2000	2110	106	55 - 154	
Xylenes, Total	6000	6710	112	78 - 126	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	75 - 135
Bromofluorobenzene	104	72 - 133
Toluene-d8 (Surr)	107	59 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118529

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-118529/1-A	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1012	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118529

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-118529/1-A	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1012	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330
1,4-Dioxane	24	U	24	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	91	41 - 118
Terphenyl-d14	92	16 - 151
2,4,6-Tribromophenol	85	10 - 120
2-Fluorophenol	93	37 - 125
2-Fluorobiphenyl	71	40 - 109

Method Blank TICs- Batch: 460-118529

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.93	3270	A J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118529

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-118529/2-A	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 0952	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	5100	77	54 - 115	
2-Chlorophenol	6670	5550	83	56 - 110	
2-Methylphenol	6670	5620	84	54 - 117	
4-Methylphenol	6670	5240	79	47 - 103	
Benzaldehyde	3330	1780	54	10 - 160	
Acetophenone	3330	2330	70	40 - 95	
Bis(2-chloroethyl)ether	3330	2500	75	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2430	73	45 - 102	
N-Nitrosodi-n-propylamine	3330	2570	77	42 - 107	
Nitrobenzene	3330	2230	67	42 - 106	
Hexachloroethane	3330	2220	67	45 - 90	
Isophorone	3330	2370	71	48 - 97	
2-Nitrophenol	6670	5280	79	55 - 101	
2,4-Dimethylphenol	6670	5940	89	56 - 112	
2,4-Dichlorophenol	6670	5530	83	58 - 115	
Bis(2-chloroethoxy)methane	3330	2530	76	51 - 100	
Naphthalene	3330	2390	72	53 - 94	
4-Chloroaniline	3330	1670	50	10 - 96	
Hexachlorobutadiene	3330	2460	74	45 - 98	
Caprolactam	3330	1370	41	10 - 127	
4-Chloro-3-methylphenol	6670	5520	83	55 - 117	
2-Methylnaphthalene	3330	2530	76	51 - 98	
Hexachlorobenzene	3330	2620	79	43 - 104	
Hexachlorocyclopentadiene	3330	1780	53	24 - 98	
2,4,6-Trichlorophenol	6670	5580	84	53 - 118	
2,4,5-Trichlorophenol	6670	5760	86	50 - 115	
Diphenyl	3330	2530	76	50 - 105	
2-Chloronaphthalene	3330	2690	81	51 - 102	
2-Nitroaniline	3330	2670	80	51 - 109	
2,6-Dinitrotoluene	3330	2970	89	51 - 115	
Dimethyl phthalate	3330	2620	79	52 - 112	
Acenaphthylene	3330	2600	78	51 - 103	
3-Nitroaniline	3330	2030	61	32 - 104	
Acenaphthene	3330	2390	72	46 - 100	
4-Nitrophenol	6670	4880	73	45 - 114	
2,4-Dinitrophenol	6670	2330	35	10 - 129	
Dibenzofuran	3330	2510	75	52 - 106	
Diethyl phthalate	3330	2500	75	52 - 114	
Fluorene	3330	2540	76	51 - 108	
Fluoranthene	3330	2700	81	49 - 108	
Di-n-butyl phthalate	3330	2520	76	50 - 108	
2,4-Dinitrotoluene	3330	2810	84	53 - 110	
4-Chlorophenyl phenyl ether	3330	2740	82	50 - 106	
4-Nitroaniline	3330	2660	80	45 - 106	
4,6-Dinitro-2-methylphenol	6670	3030	45	10 - 110	
4-Bromophenyl phenyl ether	3330	2820	84	44 - 102	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118529

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-118529/2-A	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 0952	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2160	65	30 - 100	
Anthracene	3330	2870	86	50 - 107	
Carbazole	3330	2450	74	49 - 104	
Phenanthrene	3330	2690	81	48 - 108	
Pentachlorophenol	6670	4570	68	19 - 113	
Pyrene	3330	2510	75	49 - 116	
Chrysene	3330	2420	73	45 - 114	
Benzo[k]fluoranthene	3330	2650	79	35 - 115	
Benzo[g,h,i]perylene	3330	2630	79	43 - 106	
Benzo[b]fluoranthene	3330	2500	75	33 - 96	
Benzo[a]pyrene	3330	2810	84	36 - 89	
Benzo[a]anthracene	3330	2470	74	46 - 112	
N-Nitrosodiphenylamine	3330	2580	77	49 - 106	
Butyl benzyl phthalate	3330	2640	79	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2430	73	49 - 119	
Di-n-octyl phthalate	3330	2560	77	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2640	79	43 - 109	
Dibenz(a,h)anthracene	3330	2720	82	43 - 107	
3,3'-Dichlorobenzidine	3330	2010	60	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2210	66	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2550	77	70 - 130	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	66	38 - 105
Phenol-d5	76	41 - 118
Terphenyl-d14	78	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	80	37 - 125
2-Fluorobiphenyl	66	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118529

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78050.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1703			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78051.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	74	66	54 - 115	11	30		
2-Chlorophenol	73	61	56 - 110	17	30		
2-Methylphenol	82	70	54 - 117	16	30		
4-Methylphenol	84	68	47 - 103	21	30		
Benzaldehyde	76	68	10 - 160	11	30		
Acetophenone	64	53	40 - 95	20	30		
Bis(2-chloroethyl)ether	62	56	44 - 101	11	30		
2,2'-oxybis[1-chloropropane]	62	51	45 - 102	19	30		
N-Nitrosodi-n-propylamine	73	64	42 - 107	13	30		
Nitrobenzene	53	53	42 - 106	0	30		
Hexachloroethane	47	42	45 - 90	11	30		F
Isophorone	69	68	48 - 97	1	30		
2-Nitrophenol	66	59	55 - 101	10	30		
2,4-Dimethylphenol	84	82	56 - 112	3	30		
2,4-Dichlorophenol	77	75	58 - 115	3	30		
Bis(2-chloroethoxy)methane	68	66	51 - 100	3	30		
Naphthalene	56	53	53 - 94	4	30		
4-Chloroaniline	51	45	10 - 96	12	30		
Hexachlorobutadiene	49	47	45 - 98	4	30		
Caprolactam	52	51	10 - 127	2	30		
4-Chloro-3-methylphenol	80	80	55 - 117	1	30		
2-Methylnaphthalene	70	65	51 - 98	7	30		
Hexachlorobenzene	84	85	43 - 104	2	30		
Hexachlorocyclopentadiene	22	27	24 - 98	22	30	F	
2,4,6-Trichlorophenol	81	81	53 - 118	0	30		
2,4,5-Trichlorophenol	84	83	50 - 115	1	30		
Diphenyl	73	72	50 - 105	1	30		
2-Chloronaphthalene	76	73	51 - 102	4	30		
2-Nitroaniline	92	90	51 - 109	2	30		
2,6-Dinitrotoluene	93	90	51 - 115	4	30		
Dimethyl phthalate	85	84	52 - 112	0	30		
Acenaphthylene	77	77	51 - 103	0	30		
3-Nitroaniline	71	66	32 - 104	7	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118529

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78050.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1703			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78051.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	79	70	46 - 100	12	30		
4-Nitrophenol	89	82	45 - 114	8	30		
2,4-Dinitrophenol	55	54	10 - 129	2	30		
Dibenzofuran	82	80	52 - 106	3	30		
Diethyl phthalate	85	82	52 - 114	4	30		
Fluorene	86	81	51 - 108	6	30		
Fluoranthene	87	81	49 - 108	7	30		
Di-n-butyl phthalate	91	86	50 - 108	5	30		
2,4-Dinitrotoluene	92	88	53 - 110	4	30		
4-Chlorophenyl phenyl ether	86	80	50 - 106	7	30		
4-Nitroaniline	83	71	45 - 106	16	30		
4,6-Dinitro-2-methylphenol	68	64	10 - 110	5	30		
4-Bromophenyl phenyl ether	88	80	44 - 102	9	30		
Atrazine	70	65	30 - 100	6	30		
Anthracene	90	82	50 - 107	9	30		
Carbazole	82	82	49 - 104	0	30		
Phenanthrene	88	85	48 - 108	4	30		
Pentachlorophenol	25	25	19 - 113	0	30		
Pyrene	96	90	49 - 116	6	30		
Chrysene	90	81	45 - 114	11	30		
Benzo[k]fluoranthene	98	80	35 - 115	20	30		
Benzo[g,h,i]perylene	97	94	43 - 106	3	30		
Benzo[b]fluoranthene	82	76	33 - 96	7	30		
Benzo[a]pyrene	94	78	36 - 89	18	30	F	
Benzo[a]anthracene	89	80	46 - 112	10	30		
N-Nitrosodiphenylamine	85	82	49 - 106	4	30		
Butyl benzyl phthalate	93	88	49 - 117	5	30		
Bis(2-ethylhexyl) phthalate	95	85	49 - 119	11	30		
Di-n-octyl phthalate	97	81	40 - 106	17	30		
Indeno[1,2,3-cd]pyrene	91	85	43 - 109	7	30		
Dibenz(a,h)anthracene	98	88	43 - 107	10	30		
3,3'-Dichlorobenzidine	70	58	24 - 105	20	30		
1,2,4,5-Tetrachlorobenzene	60	60	70 - 130	1	30	F	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118529

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78050.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2012 1703			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118966	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-118529	Lab File ID:	u78051.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1723			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1952			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	62	62	70 - 130	0	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	48	47	38 - 105
Phenol-d5	75	62	41 - 118
Terphenyl-d14	88	91	16 - 151
2,4,6-Tribromophenol	66	64	10 - 120
2-Fluorophenol	64	56	37 - 125
2-Fluorobiphenyl	57	55	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118529

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	MSD Lab Sample ID:	460-41730-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/06/2012 1703		Analysis Date:	07/06/2012 1723	
Prep Date:	07/03/2012 1952		Prep Date:	07/03/2012 1952	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	52	U	7870	7890	5840		5210	
2-Chlorophenol	51	U	7870	7890	5710		4830	
2-Methylphenol	67	U	7870	7890	6480		5520	
4-Methylphenol	77	U	7870	7890	6600		5360	
Benzaldehyde	46	U	3940	3950	2990		2670	
Acetophenone	60	U	3940	3950	2530		2070	
Bis(2-chloroethyl)ether	5.3	U	3940	3950	2450		2190	
2,2'-oxybis[1-chloropropane]	43	U	3940	3950	2430		2000	
N-Nitrosodi-n-propylamine	6.5	U	3940	3950	2860		2510	
Nitrobenzene	5.6	U	3940	3950	2090		2090	
Hexachloroethane	4.3	U	3940	3950	1850		1660	F
Isophorone	47	U	3940	3950	2710		2670	
2-Nitrophenol	44	U	7870	7890	5190		4670	
2,4-Dimethylphenol	96	U	7870	7890	6620		6450	
2,4-Dichlorophenol	57	U	7870	7890	6050		5890	
Bis(2-chloroethoxy)methane	50	U	3940	3950	2700		2610	
Naphthalene	45	U	3940	3950	2200		2110	
4-Chloroaniline	100	U	3940	3950	2000		1770	
Hexachlorobutadiene	9.5	U	3940	3950	1920		1840	
Caprolactam	90	U	3940	3950	2050		2000	
4-Chloro-3-methylphenol	59	U	7870	7890	6310		6280	
2-Methylnaphthalene	50	U	3940	3950	2750		2560	
Hexachlorobenzene	5.3	U	3940	3950	3300		3360	
Hexachlorocyclopentadiene	46	U	3940	3950	849	F	1060	
2,4,6-Trichlorophenol	46	U	7870	7890	6410		6410	
2,4,5-Trichlorophenol	50	U	7870	7890	6580		6550	
Diphenyl	52	U	3940	3950	2870		2850	
2-Chloronaphthalene	44	U	3940	3950	2980		2880	
2-Nitroaniline	160	U	3940	3950	3620		3560	
2,6-Dinitrotoluene	12	U	3940	3950	3680		3540	
Dimethyl phthalate	46	U	3940	3950	3330		3330	
Acenaphthylene	46	U	3940	3950	3030		3030	
3-Nitroaniline	140	U	3940	3950	2810		2610	
Acenaphthene	57	U	3940	3950	3110		2770	
4-Nitrophenol	250	U	7870	7890	7040		6510	
2,4-Dinitrophenol	220	U	7870	7890	4360		4290	
Dibenzofuran	46	U	3940	3950	3220		3140	
Diethyl phthalate	47	U	3940	3950	3360		3230	
Fluorene	50	U	3940	3950	3380		3200	
Fluoranthene	52	U	3940	3950	3430		3190	
Di-n-butyl phthalate	48	U	3940	3950	3580		3410	
2,4-Dinitrotoluene	13	U	3940	3950	3610		3480	
4-Chlorophenyl phenyl ether	46	U	3940	3950	3370		3160	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118529

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/06/2012 1703		
Prep Date:	07/03/2012 1952		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/06/2012 1723
Prep Date:	07/03/2012 1952
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	120	U	3940	3950	3260		2790	
4,6-Dinitro-2-methylphenol	110	U	7870	7890	5330		5060	
4-Bromophenyl phenyl ether	39	U	3940	3950	3470		3160	
Atrazine	60	U	3940	3950	2740		2580	
Anthracene	47	U	3940	3950	3530		3220	
Carbazole	46	U	3940	3950	3240		3240	
Phenanthrene	50	U	3940	3950	3480		3350	
Pentachlorophenol	120	U	7870	7890	2000		2000	
Pyrene	52	J	3940	3950	3840		3610	
Chrysene	46	U	3940	3950	3540		3180	
Benzo[k]fluoranthene	3.0	U	3940	3950	3860		3150	
Benzo[g,h,i]perylene	29	U	3940	3950	3810		3710	
Benzo[b]fluoranthene	2.5	U	3940	3950	3220		3000	
Benzo[a]pyrene	2.8	U	3940	3950	3700	F	3090	
Benzo[a]anthracene	2.7	U	3940	3950	3490		3150	
N-Nitrosodiphenylamine	39	U	3940	3950	3360		3240	
Butyl benzyl phthalate	36	U	3940	3950	3660		3480	
Bis(2-ethylhexyl) phthalate	130	U	3940	3950	3740		3360	
Di-n-octyl phthalate	25	U	3940	3950	3810		3210	
Indeno[1,2,3-cd]pyrene	7.3	U	3940	3950	3590		3350	
Dibenz(a,h)anthracene	4.9	U	3940	3950	3870		3490	
3,3'-Dichlorobenzidine	140	U	3940	3950	2770		2270	
1,2,4,5-Tetrachlorobenzene	53	U	3940	3950	2350	F	2380	F
2,3,4,6-Tetrachlorophenol	51	U	3940	3950	2440	F	2440	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118530

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-118530/1-A	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1106	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118530

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-118530/1-A	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1106	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330
1,4-Dioxane	24	U	24	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	71	38 - 105
Phenol-d5	79	41 - 118
Terphenyl-d14	88	16 - 151
2,4,6-Tribromophenol	74	10 - 120
2-Fluorophenol	76	37 - 125
2-Fluorobiphenyl	75	40 - 109

Method Blank TICs- Batch: 460-118530

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.00	2620	A J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118530

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-118530/2-A	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31644.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	4800	72	54 - 115	
2-Chlorophenol	6670	4890	73	56 - 110	
2-Methylphenol	6670	4900	73	54 - 117	
4-Methylphenol	6670	5070	76	47 - 103	
Benzaldehyde	3330	1740	52	10 - 160	
Acetophenone	3330	2550	77	40 - 95	
Bis(2-chloroethyl)ether	3330	2380	71	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2640	79	45 - 102	
N-Nitrosodi-n-propylamine	3330	2680	81	42 - 107	
Nitrobenzene	3330	2590	78	42 - 106	
Hexachloroethane	3330	2420	73	45 - 90	
Isophorone	3330	2470	74	48 - 97	
2-Nitrophenol	6670	5110	77	55 - 101	
2,4-Dimethylphenol	6670	4980	75	56 - 112	
2,4-Dichlorophenol	6670	4860	73	58 - 115	
Bis(2-chloroethoxy)methane	3330	2660	80	51 - 100	
Naphthalene	3330	2640	79	53 - 94	
4-Chloroaniline	3330	1550	47	10 - 96	
Hexachlorobutadiene	3330	2460	74	45 - 98	
Caprolactam	3330	2420	73	10 - 127	
4-Chloro-3-methylphenol	6670	5020	75	55 - 117	
2-Methylnaphthalene	3330	2550	76	51 - 98	
Hexachlorobenzene	3330	2730	82	43 - 104	
Hexachlorocyclopentadiene	3330	2080	62	24 - 98	
2,4,6-Trichlorophenol	6670	5110	77	53 - 118	
2,4,5-Trichlorophenol	6670	5260	79	50 - 115	
Diphenyl	3330	2870	86	50 - 105	
2-Chloronaphthalene	3330	2670	80	51 - 102	
2-Nitroaniline	3330	2530	76	51 - 109	
2,6-Dinitrotoluene	3330	2700	81	51 - 115	
Dimethyl phthalate	3330	2660	80	52 - 112	
Acenaphthylene	3330	2710	81	51 - 103	
3-Nitroaniline	3330	1780	53	32 - 104	
Acenaphthene	3330	2760	83	46 - 100	
4-Nitrophenol	6670	4500	67	45 - 114	
2,4-Dinitrophenol	6670	2300	35	10 - 129	
Dibenzofuran	3330	2700	81	52 - 106	
Diethyl phthalate	3330	2630	79	52 - 114	
Fluorene	3330	2680	81	51 - 108	
Fluoranthene	3330	2590	78	49 - 108	
Di-n-butyl phthalate	3330	2640	79	50 - 108	
2,4-Dinitrotoluene	3330	2660	80	53 - 110	
4-Chlorophenyl phenyl ether	3330	2690	81	50 - 106	
4-Nitroaniline	3330	2290	69	45 - 106	
4,6-Dinitro-2-methylphenol	6670	3650	55	10 - 110	
4-Bromophenyl phenyl ether	3330	2790	84	44 - 102	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118530

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-118530/2-A	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31644.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2130	64	30 - 100	
Anthracene	3330	2730	82	50 - 107	
Carbazole	3330	2680	80	49 - 104	
Phenanthrene	3330	2750	82	48 - 108	
Pentachlorophenol	6670	4870	73	19 - 113	
Pyrene	3330	2660	80	49 - 116	
Chrysene	3330	2880	86	45 - 114	
Benzo[k]fluoranthene	3330	2820	85	35 - 115	
Benzo[g,h,i]perylene	3330	3210	96	43 - 106	
Benzo[b]fluoranthene	3330	2480	74	33 - 96	
Benzo[a]pyrene	3330	2780	83	36 - 89	
Benzo[a]anthracene	3330	2600	78	46 - 112	
N-Nitrosodiphenylamine	3330	2900	87	49 - 106	
Butyl benzyl phthalate	3330	2540	76	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2400	72	49 - 119	
Di-n-octyl phthalate	3330	2310	69	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3210	96	43 - 109	
Dibenz(a,h)anthracene	3330	3220	97	43 - 107	
3,3'-Dichlorobenzidine	3330	2110	63	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2490	75	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2490	75	70 - 130	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	68	38 - 105
Phenol-d5	69	41 - 118
Terphenyl-d14	71	16 - 151
2,4,6-Tribromophenol	71	10 - 120
2-Fluorophenol	69	37 - 125
2-Fluorobiphenyl	75	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118530

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31663.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1747			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31664.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1810			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	81	79	54 - 115	2	30		
2-Chlorophenol	80	78	56 - 110	3	30		
2-Methylphenol	84	83	54 - 117	0	30		
4-Methylphenol	87	86	47 - 103	0	30		
Benzaldehyde	99	100	10 - 160	1	30		
Acetophenone	84	84	40 - 95	1	30		
Bis(2-chloroethyl)ether	77	74	44 - 101	4	30		
2,2'-oxybis[1-chloropropane]	84	81	45 - 102	3	30		
N-Nitrosodi-n-propylamine	92	88	42 - 107	3	30		
Nitrobenzene	87	85	42 - 106	3	30		
Hexachloroethane	69	65	45 - 90	5	30		
Isophorone	86	83	48 - 97	3	30		
2-Nitrophenol	81	75	55 - 101	8	30		
2,4-Dimethylphenol	89	86	56 - 112	2	30		
2,4-Dichlorophenol	80	77	58 - 115	4	30		
Bis(2-chloroethoxy)methane	88	85	51 - 100	4	30		
Naphthalene	77	73	53 - 94	5	30		
4-Chloroaniline	53	55	10 - 96	5	30		
Hexachlorobutadiene	73	70	45 - 98	5	30		
Caprolactam	115	107	10 - 127	7	30		
4-Chloro-3-methylphenol	80	79	55 - 117	1	30		
2-Methylnaphthalene	76	75	51 - 98	1	30		
Hexachlorobenzene	88	80	43 - 104	9	30		
Hexachlorocyclopentadiene	0	0	24 - 98	NC	30	U F	U F
2,4,6-Trichlorophenol	85	79	53 - 118	7	30		
2,4,5-Trichlorophenol	85	81	50 - 115	5	30		
Diphenyl	102	99	50 - 105	2	30		
2-Chloronaphthalene	90	87	51 - 102	3	30		
2-Nitroaniline	95	94	51 - 109	1	30		
2,6-Dinitrotoluene	94	90	51 - 115	4	30		
Dimethyl phthalate	99	101	52 - 112	3	30		
Acenaphthylene	89	88	51 - 103	1	30		
3-Nitroaniline	70	75	32 - 104	7	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118530

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31663.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1747			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31664.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1810			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	91	91	46 - 100	0	30		
4-Nitrophenol	74	76	45 - 114	4	30		
2,4-Dinitrophenol	35	19	10 - 129	61	30		J F
Dibenzofuran	88	86	52 - 106	2	30		
Diethyl phthalate	96	96	52 - 114	0	30		
Fluorene	84	84	51 - 108	0	30		
Fluoranthene	80	77	49 - 108	3	30		
Di-n-butyl phthalate	100	95	50 - 108	5	30		
2,4-Dinitrotoluene	97	98	53 - 110	1	30		
4-Chlorophenyl phenyl ether	85	83	50 - 106	3	30		
4-Nitroaniline	64	66	45 - 106	4	30		
4,6-Dinitro-2-methylphenol	58	33	10 - 110	56	30		F
4-Bromophenyl phenyl ether	92	83	44 - 102	11	30		
Atrazine	67	66	30 - 100	2	30		
Anthracene	90	85	50 - 107	5	30		
Carbazole	91	83	49 - 104	8	30		
Phenanthrene	93	86	48 - 108	7	30		
Pentachlorophenol	75	64	19 - 113	17	30		
Pyrene	75	68	49 - 116	9	30		
Chrysene	89	86	45 - 114	3	30		
Benzo[k]fluoranthene	79	69	35 - 115	13	30		
Benzo[g,h,i]perylene	148	141	43 - 106	5	30	F	F
Benzo[b]fluoranthene	68	71	33 - 96	4	30		
Benzo[a]pyrene	84	83	36 - 89	1	30		
Benzo[a]anthracene	86	81	46 - 112	6	30		
N-Nitrosodiphenylamine	107	103	49 - 106	3	30	F	
Butyl benzyl phthalate	92	86	49 - 117	6	30		
Bis(2-ethylhexyl) phthalate	93	89	49 - 119	3	30		
Di-n-octyl phthalate	67	60	40 - 106	10	30		
Indeno[1,2,3-cd]pyrene	141	141	43 - 109	0	30	F	F
Dibenz(a,h)anthracene	126	121	43 - 107	4	30	F	F
3,3'-Dichlorobenzidine	16	25	24 - 105	44	30	J F	J F
1,2,4,5-Tetrachlorobenzene	82	78	70 - 130	5	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118530

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31663.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	07/06/2012 1747			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118849	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-118530	Lab File ID:	p31664.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/06/2012 1810			Final Weight/Volume:	1 mL
Prep Date:	07/03/2012 1953			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	69	67	70 - 130	3	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	78	73	38 - 105
Phenol-d5	83	79	41 - 118
Terphenyl-d14	76	67	16 - 151
2,4,6-Tribromophenol	69	65	10 - 120
2-Fluorophenol	80	75	37 - 125
2-Fluorobiphenyl	94	89	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118530

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units: ug/Kg	MSD Lab Sample ID:	460-41730-17	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	2.0		Dilution:	2.0	
Analysis Date:	07/06/2012 1747		Analysis Date:	07/06/2012 1810	
Prep Date:	07/03/2012 1953		Prep Date:	07/03/2012 1953	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	220	U	16800	16800	13600		13300	
2-Chlorophenol	220	U	16800	16800	13500		13100	
2-Methylphenol	280	U	16800	16800	14000		14000	
4-Methylphenol	330	U	16800	16800	14500		14500	
Benzaldehyde	200	U	8380	8410	8330		8390	
Acetophenone	260	U	8380	8410	7080		7020	
Bis(2-chloroethyl)ether	23	U	8380	8410	6430		6180	
2,2'-oxybis[1-chloropropane]	180	U	8380	8410	7040		6810	
N-Nitrosodi-n-propylamine	28	U	8380	8410	7680		7430	
Nitrobenzene	24	U	8380	8410	7290		7110	
Hexachloroethane	19	U	8380	8410	5760		5490	
Isophorone	200	U	8380	8410	7200		6970	
2-Nitrophenol	190	U	16800	16800	13600		12600	
2,4-Dimethylphenol	410	U	16800	16800	14800		14500	
2,4-Dichlorophenol	240	U	16800	16800	13400		12900	
Bis(2-chloroethoxy)methane	220	U	8380	8410	7380		7110	
Naphthalene	190	U	8380	8410	6480		6140	
4-Chloroaniline	440	U	8380	8410	4410		4630	
Hexachlorobutadiene	41	U	8380	8410	6150		5840	
Caprolactam	380	U	8380	8410	9600		8970	
4-Chloro-3-methylphenol	250	U	16800	16800	13500		13400	
2-Methylnaphthalene	320	J	8380	8410	6690		6610	
Hexachlorobenzene	23	U	8380	8410	7340		6680	
Hexachlorocyclopentadiene	200	U	8380	8410	200	U F	200	U F
2,4,6-Trichlorophenol	200	U	16800	16800	14300		13300	
2,4,5-Trichlorophenol	220	U	16800	16800	14300		13600	
Diphenyl	220	U	8380	8410	8530		8330	
2-Chloronaphthalene	190	U	8380	8410	7580		7340	
2-Nitroaniline	700	U	8380	8410	7930		7870	
2,6-Dinitrotoluene	50	U	8380	8410	7890		7550	
Dimethyl phthalate	200	U	8380	8410	8310		8530	
Acenaphthylene	200	U	8380	8410	7490		7380	
3-Nitroaniline	590	U	8380	8410	5890		6290	
Acenaphthene	240	U	8380	8410	7650		7620	
4-Nitrophenol	1100	U	16800	16800	12400		12900	
2,4-Dinitrophenol	950	U	16800	16800	5940		3180	J F
Dibenzofuran	200	U	8380	8410	7380		7250	
Diethyl phthalate	200	U	8380	8410	8050		8030	
Fluorene	210	U	8380	8410	7070		7100	
Fluoranthene	350	J	8380	8410	7060		6860	
Di-n-butyl phthalate	210	U	8380	8410	8410		8030	
2,4-Dinitrotoluene	55	U	8380	8410	8170		8280	
4-Chlorophenyl phenyl ether	200	U	8380	8410	7130		6940	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118530

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units:	ug/Kg	MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	2.0			Dilution:	2.0
Analysis Date:	07/06/2012 1747			Analysis Date:	07/06/2012 1810
Prep Date:	07/03/2012 1953			Prep Date:	07/03/2012 1953
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	520	U	8380	8410	5370		5580	
4,6-Dinitro-2-methylphenol	450	U	16800	16800	9720		5470	F
4-Bromophenyl phenyl ether	170	U	8380	8410	7740		6960	
Atrazine	260	U	8380	8410	5650		5540	
Anthracene	200	U	8380	8410	7500		7160	
Carbazole	200	U	8380	8410	7600		7010	
Phenanthrene	360	J	8380	8410	8120		7580	
Pentachlorophenol	500	U	16800	16800	12600		10700	
Pyrene	640	J	8380	8410	6920		6360	
Chrysene	350	J	8380	8410	7780		7550	
Benzo[k]fluoranthene	13	U	8380	8410	6610		5800	
Benzo[g,h,i]perylene	120	U	8380	8410	12400	F	11900	F
Benzo[b]fluoranthene	250		8380	8410	5940		6210	
Benzo[a]pyrene	12	U	8380	8410	7030		6980	
Benzo[a]anthracene	230		8380	8410	7440		7010	
N-Nitrosodiphenylamine	160	U	8380	8410	8950	F	8690	
Butyl benzyl phthalate	150	U	8380	8410	7700		7250	
Bis(2-ethylhexyl) phthalate	2200		8380	8410	10000		9700	
Di-n-octyl phthalate	110	U	8380	8410	5610		5060	
Indeno[1,2,3-cd]pyrene	31	U	8380	8410	11800	F	11800	F
Dibenz(a,h)anthracene	21	U	8380	8410	10600	F	10200	F
3,3'-Dichlorobenzidine	590	U	8380	8410	1360	J F	2130	J F
1,2,4,5-Tetrachlorobenzene	220	U	8380	8410	6880		6510	
2,3,4,6-Tetrachlorophenol	220	U	8380	8410	5750	F	5600	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118074

Method: 8081A
Preparation: 3541

Lab Sample ID:	MB 460-118074/1-A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xr135660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1704	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	1.5	U	1.5	6.7
alpha-BHC	1.2	U	1.2	6.7
beta-BHC	0.91	U	0.91	6.7
delta-BHC	1.0	U	1.0	6.7
gamma-BHC (Lindane)	0.78	U	0.78	6.7
Chlordane	15	U	15	67
4,4'-DDD	0.80	U	0.80	6.7
4,4'-DDE	1.3	U	1.3	6.7
4,4'-DDT	0.84	U	0.84	6.7
Dieldrin	1.3	U	1.3	6.7
Endosulfan I	1.4	U	1.4	6.7
Endosulfan II	1.0	U	1.0	6.7
Endosulfan sulfate	0.86	U	0.86	6.7
Endrin	0.94	U	0.94	6.7
Endrin aldehyde	1.7	U	1.7	6.7
Endrin ketone	0.99	U	0.99	6.7
Heptachlor	0.96	U	0.96	6.7
Heptachlor epoxide	1.4	U	1.4	6.7
Methoxychlor	0.75	U	0.75	6.7
Toxaphene	14	U	14	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	118	40 - 150
DCB Decachlorobiphenyl	129	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	113	40 - 150
DCB Decachlorobiphenyl	118	53 - 150

Lab Control Sample - Batch: 460-118074 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-118074/2-A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xf135637.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1147	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	145	109	58 - 143	
alpha-BHC	133	135	101	58 - 138	
beta-BHC	133	137	103	60 - 139	
delta-BHC	133	132	99	60 - 141	
gamma-BHC (Lindane)	133	135	101	58 - 136	
4,4'-DDD	133	154	115	63 - 150	
4,4'-DDE	133	153	114	58 - 150	
4,4'-DDT	133	151	113	57 - 150	
Dieldrin	133	132	99	55 - 128	
Endosulfan I	133	144	108	60 - 138	
Endosulfan II	133	137	103	59 - 133	
Endosulfan sulfate	133	130	98	56 - 133	
Endrin	133	144	108	61 - 150	
Endrin aldehyde	133	129	97	55 - 122	
Endrin ketone	133	140	105	62 - 139	
Heptachlor	133	165	123	58 - 137	
Heptachlor epoxide	133	143	107	59 - 136	
Methoxychlor	133	158	119	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	123	40 - 150
DCB Decachlorobiphenyl	125	53 - 150

Lab Control Sample - Batch: 460-118074 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-118074/2-A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xr135637.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1147	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	129	97	58 - 143	
alpha-BHC	133	125	94	58 - 138	
beta-BHC	133	130	97	60 - 139	
delta-BHC	133	121	91	60 - 141	
gamma-BHC (Lindane)	133	123	93	58 - 136	
4,4'-DDD	133	154	115	63 - 150	
4,4'-DDE	133	142	107	58 - 150	
4,4'-DDT	133	137	103	57 - 150	
Dieldrin	133	129	97	55 - 128	
Endosulfan I	133	139	104	60 - 138	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118074

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-118074/2-A	Analysis Batch:	460-118973	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xr135637.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1147	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	135	101	59 - 133	
Endosulfan sulfate	133	130	98	56 - 133	
Endrin	133	142	106	61 - 150	
Endrin aldehyde	133	124	93	55 - 122	
Endrin ketone	133	137	103	62 - 139	
Heptachlor	133	125	93	58 - 137	
Heptachlor epoxide	133	131	98	59 - 136	
Methoxychlor	133	129	97	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	40 - 150
DCB Decachlorobiphenyl	117	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118074

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118507	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xf135703.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	07/03/2012 0856			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118507	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xf135704.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/03/2012 0910			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	106	108	58 - 143	2	30		
alpha-BHC	99	100	58 - 138	1	30		
beta-BHC	99	101	60 - 139	2	30		
delta-BHC	99	100	60 - 141	1	30		
gamma-BHC (Lindane)	99	100	58 - 136	1	30		
4,4'-DDD	117	118	63 - 150	1	30		
4,4'-DDE	108	110	58 - 150	2	30		
4,4'-DDT	113	114	57 - 150	1	30		
Dieldrin	96	97	55 - 128	2	30		
Endosulfan I	104	106	60 - 138	2	30		
Endosulfan II	104	104	59 - 133	0	30		
Endosulfan sulfate	98	98	56 - 133	1	30		
Endrin	108	109	61 - 150	1	30		
Endrin aldehyde	94	94	55 - 122	0	30		
Endrin ketone	104	105	62 - 139	1	30		
Heptachlor	123	126	58 - 137	2	30		
Heptachlor epoxide	104	105	59 - 136	2	30		
Methoxychlor	119	120	42 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	125	127	40 - 150
DCB Decachlorobiphenyl	121	122	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118074

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118507	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xr135703.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	07/03/2012 0856			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118507	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-118074	Lab File ID:	xr135704.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/03/2012 0910			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1551			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	97	99	58 - 143	2	30		
alpha-BHC	96	97	58 - 138	2	30		
beta-BHC	97	98	60 - 139	1	30		
delta-BHC	94	96	60 - 141	2	30		
gamma-BHC (Lindane)	94	96	58 - 136	2	30		
4,4'-DDD	112	114	63 - 150	1	30		
4,4'-DDE	98	102	58 - 150	4	30		
4,4'-DDT	106	106	57 - 150	0	30		
Dieldrin	93	95	55 - 128	2	30		
Endosulfan I	101	103	60 - 138	2	30		
Endosulfan II	101	103	59 - 133	2	30		
Endosulfan sulfate	94	96	56 - 133	2	30		
Endrin	105	107	61 - 150	1	30		
Endrin aldehyde	91	92	55 - 122	1	30		
Endrin ketone	99	101	62 - 139	2	30		
Heptachlor	95	97	58 - 137	2	30		
Heptachlor epoxide	98	99	59 - 136	2	30		
Methoxychlor	100	102	42 - 150	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	110	112	40 - 150
DCB Decachlorobiphenyl	111	114	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118074

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/03/2012 0856		
Prep Date:	06/29/2012 1551		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/03/2012 0910
Prep Date:	06/29/2012 1551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	158	158	168	170
alpha-BHC	1.5	U	158	158	156	158
beta-BHC	1.1	U	158	158	155	159
delta-BHC	1.2	U	158	158	157	158
gamma-BHC (Lindane)	0.92	U	158	158	157	158
4,4'-DDD	0.95	U	158	158	185	187
4,4'-DDE	1.5	U	158	158	170	174
4,4'-DDT	0.99	U	158	158	178	180
Dieldrin	1.5	U	158	158	151	153
Endosulfan I	1.7	U	158	158	164	167
Endosulfan II	1.2	U	158	158	163	163
Endosulfan sulfate	1.0	U	158	158	154	155
Endrin	1.1	U	158	158	169	171
Endrin aldehyde	2.0	U	158	158	148	148
Endrin ketone	1.2	U	158	158	164	166
Heptachlor	1.1	U	158	158	194	198
Heptachlor epoxide	1.6	U	158	158	163	166
Methoxychlor	0.89	U	158	158	187	189

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118074

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/03/2012 0856		
Prep Date:	06/29/2012 1551		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/03/2012 0910
Prep Date:	06/29/2012 1551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	158	158	153	156
alpha-BHC	1.5	U	158	158	151	154
beta-BHC	1.1	U	158	158	153	155
delta-BHC	1.2	U	158	158	148	151
gamma-BHC (Lindane)	0.92	U	158	158	148	152
4,4'-DDD	0.95	U	158	158	177	179
4,4'-DDE	1.5	U	158	158	155	161
4,4'-DDT	0.99	U	158	158	167	167
Dieldrin	1.5	U	158	158	147	150
Endosulfan I	1.7	U	158	158	159	162
Endosulfan II	1.2	U	158	158	159	162
Endosulfan sulfate	1.0	U	158	158	149	151
Endrin	1.1	U	158	158	166	168
Endrin aldehyde	2.0	U	158	158	144	145
Endrin ketone	1.2	U	158	158	157	160
Heptachlor	1.1	U	158	158	150	153
Heptachlor epoxide	1.6	U	158	158	154	156
Methoxychlor	0.89	U	158	158	157	161

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118077

Method: 8081A
Preparation: 3541

Lab Sample ID:	MB 460-118077/1-A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WR703650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1443	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	1.5	U	1.5	6.7
alpha-BHC	1.2	U	1.2	6.7
beta-BHC	0.91	U	0.91	6.7
delta-BHC	1.0	U	1.0	6.7
gamma-BHC (Lindane)	0.78	U	0.78	6.7
Chlordane	15	U	15	67
4,4'-DDD	0.80	U	0.80	6.7
4,4'-DDE	1.3	U	1.3	6.7
4,4'-DDT	0.84	U	0.84	6.7
Dieldrin	1.3	U	1.3	6.7
Endosulfan I	1.4	U	1.4	6.7
Endosulfan II	1.0	U	1.0	6.7
Endosulfan sulfate	0.86	U	0.86	6.7
Endrin	0.94	U	0.94	6.7
Endrin aldehyde	1.7	U	1.7	6.7
Endrin ketone	0.99	U	0.99	6.7
Heptachlor	0.96	U	0.96	6.7
Heptachlor epoxide	1.4	U	1.4	6.7
Methoxychlor	0.75	U	0.75	6.7
Toxaphene	14	U	14	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	123	40 - 150
DCB Decachlorobiphenyl	129	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	40 - 150
DCB Decachlorobiphenyl	117	53 - 150

Lab Control Sample - Batch: 460-118077 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-118077/2-A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WF703628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0938	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	144	108	58 - 143	
alpha-BHC	133	147	110	58 - 138	
beta-BHC	133	149	112	60 - 139	
delta-BHC	133	143	107	60 - 141	
gamma-BHC (Lindane)	133	145	109	58 - 136	
4,4'-DDD	133	159	119	63 - 150	
4,4'-DDE	133	152	114	58 - 150	
4,4'-DDT	133	154	115	57 - 150	
Dieldrin	133	133	100	55 - 128	
Endosulfan I	133	144	108	60 - 138	
Endosulfan II	133	142	107	59 - 133	
Endosulfan sulfate	133	135	101	56 - 133	
Endrin	133	147	110	61 - 150	
Endrin aldehyde	133	135	101	55 - 122	
Endrin ketone	133	147	111	62 - 139	
Heptachlor	133	156	117	58 - 137	
Heptachlor epoxide	133	140	105	59 - 136	
Methoxychlor	133	171	128	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	119	40 - 150
DCB Decachlorobiphenyl	126	53 - 150

Lab Control Sample - Batch: 460-118077 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-118077/2-A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WR703628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0938	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	142	106	58 - 143	
alpha-BHC	133	142	106	58 - 138	
beta-BHC	133	143	107	60 - 139	
delta-BHC	133	142	107	60 - 141	
gamma-BHC (Lindane)	133	142	107	58 - 136	
4,4'-DDD	133	153	115	63 - 150	
4,4'-DDE	133	144	108	58 - 150	
4,4'-DDT	133	150	113	57 - 150	
Dieldrin	133	129	97	55 - 128	
Endosulfan I	133	142	106	60 - 138	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118077

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-118077/2-A	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WR703628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0938	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	137	103	59 - 133	
Endosulfan sulfate	133	134	100	56 - 133	
Endrin	133	140	105	61 - 150	
Endrin aldehyde	133	135	101	55 - 122	
Endrin ketone	133	146	110	62 - 139	
Heptachlor	133	143	107	58 - 137	
Heptachlor epoxide	133	140	105	59 - 136	
Methoxychlor	133	147	110	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	40 - 150
DCB Decachlorobiphenyl	116	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118077

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WR703629.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	07/02/2012 0951			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WR703630.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1005			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	72	71	58 - 143	2	30		
alpha-BHC	77	77	58 - 138	0	30		
beta-BHC	76	73	60 - 139	3	30		
delta-BHC	77	74	60 - 141	3	30		
gamma-BHC (Lindane)	77	76	58 - 136	2	30		
4,4'-DDD	83	81	63 - 150	2	30		
4,4'-DDE	72	70	58 - 150	3	30		
4,4'-DDT	74	70	57 - 150	5	30		
Dieldrin	68	66	55 - 128	3	30		
Endosulfan I	73	72	60 - 138	2	30		
Endosulfan II	73	71	59 - 133	3	30		
Endosulfan sulfate	77	75	56 - 133	2	30		
Endrin	82	80	61 - 150	3	30		
Endrin aldehyde	58	57	55 - 122	3	30		
Endrin ketone	84	82	62 - 139	2	30		
Heptachlor	72	68	58 - 137	6	30		
Heptachlor epoxide	76	74	59 - 136	2	30		
Methoxychlor	83	83	42 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	94	87	40 - 150
DCB Decachlorobiphenyl	93	93	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118077

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WF703629.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	07/02/2012 0951			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118612	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-118077	Lab File ID:	WF703630.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 1005			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1602			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	72	70	58 - 143	3	30		
alpha-BHC	77	72	58 - 138	6	30		
beta-BHC	72	72	60 - 139	1	30		
delta-BHC	73	74	60 - 141	2	30		
gamma-BHC (Lindane)	76	73	58 - 136	4	30		
4,4'-DDD	61	64	63 - 150	4	30	F	
4,4'-DDE	45	48	58 - 150	3	30	F	F
4,4'-DDT	60	58	57 - 150	3	30		
Dieldrin	57	56	55 - 128	1	30		
Endosulfan I	70	69	60 - 138	2	30		
Endosulfan II	66	65	59 - 133	2	30		
Endosulfan sulfate	69	68	56 - 133	1	30		
Endrin	68	66	61 - 150	3	30		
Endrin aldehyde	56	55	55 - 122	2	30		
Endrin ketone	76	74	62 - 139	2	30		
Heptachlor	67	63	58 - 137	6	30		
Heptachlor epoxide	70	69	59 - 136	2	30		
Methoxychlor	58	58	42 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	82	82	40 - 150
DCB Decachlorobiphenyl	93	90	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118077

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/02/2012 0951		
Prep Date:	06/29/2012 1602		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/02/2012 1005
Prep Date:	06/29/2012 1602
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	3.7	U	336	336	243	239
alpha-BHC	3.1	U	336	336	260	260
beta-BHC	2.3	U	336	336	255	246
delta-BHC	2.6	U	336	336	259	250
gamma-BHC (Lindane)	2.0	U	336	336	260	256
4,4'-DDD	23		336	336	301	295
4,4'-DDE	100		336	336	299	291
4,4'-DDT	28		336	336	278	263
Dieldrin	19	J	336	336	236	230
Endosulfan I	3.5	U	336	336	247	243
Endosulfan II	2.5	U	336	336	245	238
Endosulfan sulfate	3.5	U	336	336	258	253
Endrin	11	U	336	336	276	269
Endrin aldehyde	4.2	U	336	336	196	191
Endrin ketone	9.7	J	336	336	288	283
Heptachlor	2.4	U	336	336	242	229
Heptachlor epoxide	3.4	U	336	336	254	250
Methoxychlor	31	J	336	336	288	290

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118077

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units:	ug/Kg	MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/02/2012 0951			Analysis Date:	07/02/2012 1005
Prep Date:	06/29/2012 1602			Prep Date:	06/29/2012 1602
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aldrin	3.7	U	336	336	242		234	
alpha-BHC	3.1	U	336	336	259		243	
beta-BHC	2.3	U	336	336	243		242	
delta-BHC	2.6	U	336	336	246		250	
gamma-BHC (Lindane)	2.0	U	336	336	256		246	
4,4'-DDD	38		336	336	243	F	253	
4,4'-DDE	57		336	336	256	F	265	F
4,4'-DDT	24		336	336	224		218	
Dieldrin	8.4		336	336	212		209	
Endosulfan I	3.5	U	336	336	237		233	
Endosulfan II	2.5	U	336	336	223		220	
Endosulfan sulfate	2.2	J	336	336	237		234	
Endrin	2.4	J	336	336	239		233	
Endrin aldehyde	4.2	U	336	336	188		185	
Endrin ketone	6.3	J	336	336	263		258	
Heptachlor	2.4	U	336	336	224		211	
Heptachlor epoxide	3.4	U	336	336	236		232	
Methoxychlor	9.3		336	336	227		225	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118068

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-118068/1-A	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vr475957.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/01/2012 1225	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118068

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-118068/2-A	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vr475958.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/01/2012 1241	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	313	94	60 - 144	
Aroclor 1260	333	314	94	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	30 - 150

Lab Control Sample - Batch: 460-118068

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-118068/2-A	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vf475958.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/01/2012 1241	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	301	90	60 - 144	
Aroclor 1260	333	309	93	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118068

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vf475959.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	07/01/2012 1257			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vf475960.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/01/2012 1313			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	45	48	60 - 144	6	30	F	F
Aroclor 1260	46	50	63 - 143	7	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	52	57	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118068

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vr475959.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	07/01/2012 1257			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118309	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118068	Lab File ID:	vr475960.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/01/2012 1313			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1534			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	45	48	60 - 144	6	30	F	F
Aroclor 1260	46	49	63 - 143	7	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	50	54	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118068

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/01/2012 1257		
Prep Date:	06/29/2012 1534		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/01/2012 1313
Prep Date:	06/29/2012 1534
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	15	U	394	395	179	F	190	F
Aroclor 1260	8.8	U	394	395	183	F	196	F

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118068

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-5	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/01/2012 1257		
Prep Date:	06/29/2012 1534		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/01/2012 1313
Prep Date:	06/29/2012 1534
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	15	U	394	395	178	F	189	F
Aroclor 1260	8.8	U	394	395	182	F	195	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118069

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-118069/1-A	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vr475988.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0355	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Lab Control Sample - Batch: 460-118069

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-118069/2-A	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vr475989.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0411	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	457	137	60 - 144	
Aroclor 1260	333	368	110	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	123	30 - 150

Lab Control Sample - Batch: 460-118069

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-118069/2-A	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vf475989.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	07/02/2012 0411	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	360	108	60 - 144	
Aroclor 1260	333	358	107	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118069

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vf475990.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	07/02/2012 0427			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vf475991.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	07/02/2012 0443			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	41	35	60 - 144	14	30	F	F
Aroclor 1260	30	27	63 - 143	9	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	31	31	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118069

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vr475990.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	07/02/2012 0427			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-118238	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-118069	Lab File ID:	vr475991.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	07/02/2012 0443			Final Weight/Volume:	10 mL
Prep Date:	06/29/2012 1542			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	38	34	60 - 144	12	30	F	F
Aroclor 1260	33	33	63 - 143	1	30	F	F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	29	X	27	X	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118069

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/02/2012 0427		
Prep Date:	06/29/2012 1542		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/02/2012 0443
Prep Date:	06/29/2012 1542
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	32	U	838	840	340	F	295	F
Aroclor 1260	19	U	838	840	252	F	230	F

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118069

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41730-17	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	07/02/2012 0427		
Prep Date:	06/29/2012 1542		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	07/02/2012 0443
Prep Date:	06/29/2012 1542
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	32	U	838	840	321	F	283	F
Aroclor 1260	19	U	838	840	276	F	274	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-117597/1-A ^2	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/27/2012 1906	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

LCS-Certified Reference Material - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	06/27/2012 1856	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	6319	63	45 - 154	
Antimony	112	184.7	165	20 - 253	
Arsenic	235	230.9	98	71 - 129	
Barium	250	252.7	101	74 - 126	
Beryllium	92.4	96.61	105	74 - 125	
Cadmium	189	207.3	110	73 - 126	
Calcium	6770	7077	105	74 - 125	
Chromium	127	136.3	108	70 - 129	
Cobalt	176	196.3	111	74 - 125	
Copper	122	130.0	107	75 - 125	
Iron	13000	11740	91	33 - 167	
Lead	102	109.2	107	71 - 128	
Magnesium	2960	2596	88	66 - 134	
Manganese	330	352.7	107	75 - 124	
Nickel	117	133.3	114	73 - 127	
Potassium	2840	2257	79	62 - 137	
Selenium	109	107.9	99	66 - 134	
Silver	46.8	46.00	98	66 - 133	
Sodium	545	525.0	96	52 - 147	J
Thallium	156	172.7	110	68 - 131	
Vanadium	118	122.4	104	68 - 131	
Zinc	181	184.8	102	69 - 130	

Matrix Spike - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-G MS ^4	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	06/27/2012 1845	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	21900		209	27130	2502	75 - 125	4
Antimony	1.3	U	52.1	35.60	68	75 - 125	F
Arsenic	2.9		209	190.9	90	75 - 125	
Barium	51.0		209	252.8	97	75 - 125	
Beryllium	0.53		5.21	5.49	95	75 - 125	
Cadmium	0.15	U	5.21	5.06	97	75 - 125	
Calcium	352	J	2090	2357	96	75 - 125	
Chromium	18.2		20.9	36.60	88	75 - 125	
Cobalt	7.5	J	52.1	56.85	95	75 - 125	
Copper	5.1		26.1	29.97	96	75 - 125	
Iron	16200		104	15780	-391	75 - 125	4
Lead	7.2		52.1	58.68	99	75 - 125	
Magnesium	787	J	2090	2836	98	75 - 125	
Manganese	132		52.1	173.5	80	75 - 125	
Nickel	9.7		52.1	61.48	99	75 - 125	
Potassium	274	J	2090	2188	92	75 - 125	
Selenium	1.4	U	209	186.5	89	75 - 125	
Silver	0.20	U	5.21	4.61	88	75 - 125	
Sodium	162	U	2090	1938	93	75 - 125	
Thallium	1.2	U	209	210.8	101	75 - 125	
Vanadium	23.9		52.1	74.26	97	75 - 125	
Zinc	13.4		52.1	64.31	98	75 - 125	

Post Digestion Spike - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-E PDS	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 1848	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	21900		409	22200	NC	75 - 125	
Antimony	1.3	U	102	90.31	88	75 - 125	
Arsenic	2.9		409	376.5	91	75 - 125	
Barium	51.0		409	447.9	97	75 - 125	
Beryllium	0.53		10.2	10.22	95	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Post Digestion Spike - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-E PDS	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 1848	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.15	U	10.2	9.90	97	75 - 125	
Calcium	352	J	4090	4248	95	75 - 125	
Chromium	18.2		40.9	58.46	98	75 - 125	
Cobalt	7.5	J	102	106.5	97	75 - 125	
Copper	5.1		51.2	53.53	95	75 - 125	
Iron	16200		205	16290	NC	75 - 125	
Lead	7.2		102	107.6	98	75 - 125	
Magnesium	787	J	4090	4571	92	75 - 125	
Manganese	132		102	232.6	99	75 - 125	
Nickel	9.7		102	110.0	98	75 - 125	
Potassium	274	J	4090	3941	90	75 - 125	
Selenium	1.4	U	409	367.7	90	75 - 125	
Silver	0.20	U	10.2	9.46	92	75 - 125	
Sodium	162	U	4090	3775	92	75 - 125	
Thallium	1.2	U	409	411.9	101	75 - 125	
Vanadium	23.9		102	121.4	95	75 - 125	
Zinc	13.4		102	110.6	95	75 - 125	

Duplicate - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-F DU ^4	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	06/27/2012 1834	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	21900		20550	6	20	
Antimony	1.3	U	1.3	NC	20	U
Arsenic	2.9		3.03	3	20	
Barium	51.0		47.84	6	20	
Beryllium	0.53		0.532	1	20	
Cadmium	0.15	U	0.16	NC	20	U
Calcium	352	J	391.2	11	20	J
Chromium	18.2		17.46	4	20	
Cobalt	7.5	J	6.40	16	20	J
Copper	5.1		5.70	12	20	
Iron	16200		17320	7	20	
Lead	7.2		7.82	8	20	
Magnesium	787	J	995.5	23	20	J
Manganese	132		121.0	8	20	
Nickel	9.7		9.76	0.7	20	
Potassium	274	J	330.3	19	20	J
Selenium	1.4	U	1.4	NC	20	U
Silver	0.20	U	0.21	NC	20	U
Sodium	162	U	170	NC	20	U
Thallium	1.2	U	1.2	NC	20	U
Vanadium	23.9		27.06	12	20	
Zinc	13.4		14.63	9	20	

Serial Dilution - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-E SD ^20	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 1841	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	21900		21950	0.19	10	
Antimony	1.3	U	6.3	NC	10	U
Arsenic	2.9		4.8	NC	10	U
Barium	51.0		50.67	NC	10	J
Beryllium	0.53		0.74	NC	10	U
Cadmium	0.15	U	0.76	NC	10	U
Calcium	352	J	376.6	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Serial Dilution - Batch: 460-117597

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41706-B-2-E SD ^20	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117597	Lab File ID:	06272012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 1841	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0739				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	18.2		17.56	NC	10	
Cobalt	7.5	J	7.80	NC	10	J
Copper	5.1		9.9	NC	10	U
Iron	16200		16180	0.05	10	
Lead	7.2		8.06	NC	10	
Magnesium	787	J	801.6	NC	10	J
Manganese	132		132.1	0.34	10	
Nickel	9.7		10.11	NC	10	J
Potassium	274	J	547	NC	10	U
Selenium	1.4	U	6.8	NC	10	U
Silver	0.20	U	1.0	NC	10	U
Sodium	162	U	808	NC	10	U
Thallium	1.2	U	5.8	NC	10	U
Vanadium	23.9		23.54	NC	10	J
Zinc	13.4		16.09	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-117600/1-A ^2	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/27/2012 2032	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

LCS-Certified Reference Material - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	06/27/2012 2021	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9810	6295	64	45 - 154	
Antimony	110	181.0	165	20 - 253	
Arsenic	230	228.7	99	71 - 129	
Barium	245	252.2	103	74 - 126	
Beryllium	90.6	91.30	101	74 - 125	
Cadmium	185	197.3	106	73 - 126	
Calcium	6640	6705	101	74 - 125	
Chromium	124	131.1	106	70 - 129	
Cobalt	173	189.9	110	74 - 125	
Copper	119	119.7	100	75 - 125	
Iron	12700	11820	93	33 - 167	
Lead	100	108.0	108	71 - 128	
Magnesium	2900	2555	88	66 - 134	
Manganese	323	355.9	110	75 - 124	
Nickel	115	127.0	111	73 - 127	
Potassium	2790	2198	79	62 - 137	
Selenium	107	105.1	98	66 - 134	
Silver	45.9	45.55	99	66 - 133	
Sodium	534	501.0	94	52 - 147	J
Thallium	153	172.2	112	68 - 131	
Vanadium	116	120.0	104	68 - 131	
Zinc	178	179.5	101	69 - 130	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/27/2012 2047	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10800		223	10070	-309	75 - 125	4
Antimony	1.4	U	55.8	38.99	70	75 - 125	F
Arsenic	2.4		223	201.1	89	75 - 125	
Barium	103		223	308.4	92	75 - 125	
Beryllium	0.17	U	5.58	5.23	94	75 - 125	
Cadmium	0.24	J	5.58	5.49	94	75 - 125	
Calcium	2020		2230	3968	87	75 - 125	
Chromium	25.8		22.3	45.76	89	75 - 125	
Cobalt	8.0	J	55.8	60.20	94	75 - 125	
Copper	30.4		27.9	56.12	92	75 - 125	
Iron	19000		112	17140	-1693	75 - 125	4
Lead	20.7		55.8	77.02	101	75 - 125	
Magnesium	4670		2230	6121	65	75 - 125	F
Manganese	353		55.8	276.5	-138	75 - 125	4
Nickel	18.2		55.8	69.99	93	75 - 125	
Potassium	2370		2230	4167	81	75 - 125	
Selenium	1.5	U	223	196.5	88	75 - 125	
Silver	0.71	J	5.58	6.06	96	75 - 125	
Sodium	183	U	2230	2045	92	75 - 125	
Thallium	1.3	U	223	224.4	100	75 - 125	
Vanadium	30.5		55.8	79.59	88	75 - 125	
Zinc	71.6		55.8	123.4	93	75 - 125	

Post Digestion Spike - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	06/27/2012 2050	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10800		464	10930	NC	75 - 125	
Antimony	1.4	U	116	102.4	88	75 - 125	
Arsenic	2.4		464	425.6	91	75 - 125	
Barium	103		464	547.4	96	75 - 125	
Beryllium	0.17	U	11.6	10.90	94	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Post Digestion Spike - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	06/27/2012 2050	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.24	J	11.6	11.39	96	75 - 125	
Calcium	2020		4640	6359	94	75 - 125	
Chromium	25.8		46.4	70.78	97	75 - 125	
Cobalt	8.0	J	116	120.3	97	75 - 125	
Copper	30.4		58.0	83.68	92	75 - 125	
Iron	19000		232	18830	NC	75 - 125	
Lead	20.7		116	133.8	97	75 - 125	
Magnesium	4670		4640	8874	91	75 - 125	
Manganese	353		116	460.0	92	75 - 125	
Nickel	18.2		116	132.2	98	75 - 125	
Potassium	2370		4640	6414	87	75 - 125	
Selenium	1.5	U	464	418.0	90	75 - 125	
Silver	0.71	J	11.6	11.57	94	75 - 125	
Sodium	183	U	4640	4242	91	75 - 125	
Thallium	1.3	U	464	469.7	101	75 - 125	
Vanadium	30.5		116	140.2	95	75 - 125	
Zinc	71.6		116	179.2	93	75 - 125	

Duplicate - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/27/2012 2036	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	10800		10140	6	20	
Antimony	1.4	U	1.4	NC	20	U
Arsenic	2.4		1.90	25	20	
Barium	103		115.6	11	20	
Beryllium	0.17	U	0.16	NC	20	U
Cadmium	0.24	J	0.260	10	20	J
Calcium	2020		1707	17	20	
Chromium	25.8		24.60	5	20	
Cobalt	8.0	J	7.61	5	20	J
Copper	30.4		30.86	1	20	
Iron	19000		18540	3	20	
Lead	20.7		32.73	45	20	F
Magnesium	4670		4980	6	20	
Manganese	353		240.5	38	20	F
Nickel	18.2		17.88	2	20	
Potassium	2370		2525	6	20	
Selenium	1.5	U	1.5	NC	20	U
Silver	0.71	J	1.24	55	20	J
Sodium	183	U	178	NC	20	U
Thallium	1.3	U	1.3	NC	20	U
Vanadium	30.5		28.97	5	20	
Zinc	71.6		87.24	20	20	

Serial Dilution - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	06/27/2012 2043	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	10800		10820	0.57	10	
Antimony	1.4	U	7.2	NC	10	U
Arsenic	2.4		5.5	NC	10	U
Barium	103		103.9	0.54	10	J
Beryllium	0.17	U	0.84	NC	10	U
Cadmium	0.24	J	0.86	NC	10	U
Calcium	2020		2028	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Serial Dilution - Batch: 460-117600

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117763	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117600	Lab File ID:	06272012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	06/27/2012 2043	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	25.8		25.42	NC	10	
Cobalt	8.0	J	8.54	NC	10	J
Copper	30.4		25.60	NC	10	J
Iron	19000		19260	1.2	10	
Lead	20.7		21.15	NC	10	
Magnesium	4670		4746	1.5	10	J
Manganese	353		357.0	1.0	10	
Nickel	18.2		18.37	NC	10	J
Potassium	2370		2358	NC	10	J
Selenium	1.5	U	7.7	NC	10	U
Silver	0.71	J	1.2	NC	10	U
Sodium	183	U	917	NC	10	U
Thallium	1.3	U	6.6	NC	10	U
Vanadium	30.5		30.22	NC	10	J
Zinc	71.6		72.14	0.76	10	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-117761/1-A ^2	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/28/2012 1154	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

LCS-Certified Reference Material - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/28/2012 1144	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10100	5828	58	45 - 154	
Antimony	113	175.9	156	20 - 253	
Arsenic	237	218.0	92	71 - 129	
Barium	252	237.6	94	74 - 126	
Beryllium	93.3	88.54	95	74 - 125	
Cadmium	191	188.3	99	73 - 126	
Calcium	6840	6634	97	74 - 125	
Chromium	128	122.5	96	70 - 129	
Cobalt	178	179.8	101	74 - 125	
Copper	123	118.2	96	75 - 125	
Iron	13100	11010	84	33 - 167	
Lead	103	101.7	99	71 - 128	
Magnesium	2990	2410	81	66 - 134	
Manganese	333	327.0	98	75 - 124	
Nickel	118	119.6	101	73 - 127	
Potassium	2870	2104	73	62 - 137	
Selenium	110	100.6	91	66 - 134	
Silver	47.3	42.92	91	66 - 133	
Sodium	550	490.4	89	52 - 147	J
Thallium	158	165.7	105	68 - 131	
Vanadium	119	110.7	93	68 - 131	
Zinc	183	171.8	94	69 - 130	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	06/28/2012 1133	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7920		499	10130	443	75 - 125	4
Antimony	2.9	U	125	100.6	81	75 - 125	
Arsenic	10		499	477.2	94	75 - 125	
Barium	1190		499	1734	108	75 - 125	
Beryllium	0.33	U	12.5	12.48	100	75 - 125	
Cadmium	15.1		12.5	27.21	97	75 - 125	
Calcium	14400		4990	24360	199	75 - 125	F
Chromium	36.0		49.9	89.43	107	75 - 125	
Cobalt	5.7	J	125	132.4	102	75 - 125	
Copper	718		62.4	747.5	47	75 - 125	4
Iron	19600		250	22060	975	75 - 125	4
Lead	544		125	703.1	128	75 - 125	4
Magnesium	4140		4990	12100	159	75 - 125	F
Manganese	170		125	337.3	134	75 - 125	F
Nickel	28.9		125	157.4	103	75 - 125	
Potassium	1490	J	4990	6417	99	75 - 125	
Selenium	3.3	J	499	465.4	93	75 - 125	
Silver	56.4		12.5	66.46	81	75 - 125	4
Sodium	366	U	4990	5009	100	75 - 125	
Thallium	2.6	U	499	527.3	106	75 - 125	
Vanadium	23.3		125	146.9	99	75 - 125	

Post Digestion Spike - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1137	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7920		925	8588	72	75 - 125	W
Antimony	2.9	U	231	212.2	92	75 - 125	
Arsenic	10		925	872.7	93	75 - 125	
Barium	1190		925	2081	96	75 - 125	
Beryllium	0.33	U	23.1	22.60	98	75 - 125	
Cadmium	15.1		23.1	37.64	97	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Post Digestion Spike - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1137	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	14400		9250	22850	91	75 - 125	
Chromium	36.0		92.5	126.5	98	75 - 125	
Cobalt	5.7	J	231	236.3	100	75 - 125	
Copper	718		116	796.3	68	75 - 125	W
Iron	19600		463	19730	NC	75 - 125	
Lead	544		231	759.3	93	75 - 125	
Magnesium	4140		9250	12680	92	75 - 125	
Manganese	170		231	395.8	98	75 - 125	
Nickel	28.9		231	259.6	100	75 - 125	
Potassium	1490	J	9250	9944	91	75 - 125	
Selenium	3.3	J	925	856.9	92	75 - 125	
Silver	56.4		23.1	77.78	92	75 - 125	
Sodium	366	U	9250	8958	97	75 - 125	
Thallium	2.6	U	925	958.7	104	75 - 125	
Vanadium	23.3		231	244.5	96	75 - 125	

Matrix Spike - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	06/28/2012 1328	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Zinc	2850	125	3181	263	75 - 125	4

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Post Digestion Spike - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1332	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7370		2310	9828	106	75 - 125	
Antimony	7.2	U	578	550.0	95	75 - 125	
Arsenic	11.2		2310	2207	95	75 - 125	
Barium	1140		2310	3483	101	75 - 125	
Beryllium	0.83	U	57.8	55.86	97	75 - 125	
Cadmium	14.5		57.8	72.86	101	75 - 125	
Calcium	13100		23100	36130	100	75 - 125	
Chromium	34.1		231	264.4	100	75 - 125	
Cobalt	5.6	J	578	591.2	101	75 - 125	
Copper	640		289	944.1	105	75 - 125	
Iron	18800		1160	20410	NC	75 - 125	
Lead	524		578	1119	103	75 - 125	
Magnesium	4040	J	23100	26110	95	75 - 125	
Manganese	159		578	745.1	101	75 - 125	
Nickel	27.4	J	578	614.7	102	75 - 125	
Potassium	1450	J	23100	22780	92	75 - 125	
Selenium	7.6	U	2310	2165	94	75 - 125	
Silver	54.3		57.8	111.1	98	75 - 125	
Sodium	914	U	23100	22490	97	75 - 125	
Thallium	6.5	U	2310	2465	107	75 - 125	
Vanadium	22.0	J	578	580.9	97	75 - 125	
Zinc	2850		578	3504	113	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/28/2012 1122	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	7920		8223	4	20	
Antimony	2.9	U	3.0	NC	20	U
Arsenic	10		9.90	0.5	20	
Barium	1190		1429	18	20	
Beryllium	0.33	U	0.35	NC	20	U
Cadmium	15.1		14.29	6	20	
Calcium	14400		12880	11	20	
Chromium	36.0		45.22	23	20	F
Cobalt	5.7	J	5.74	0.7	20	J
Copper	718		777.2	8	20	
Iron	19600		19840	1	20	
Lead	544		706.6	26	20	F
Magnesium	4140		4032	3	20	
Manganese	170		159.8	6	20	
Nickel	28.9		30.45	5	20	
Potassium	1490	J	1678	12	20	J
Selenium	3.3	J	3.2	NC	20	U
Silver	56.4		66.67	17	20	
Sodium	366	U	379	NC	20	U
Thallium	2.6	U	2.7	NC	20	U
Vanadium	23.3		25.55	9	20	

Serial Dilution - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1130	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	7920		7783	1.8	10	
Antimony	2.9	U	14.3	NC	10	U
Arsenic	10		10.9	NC	10	U
Barium	1190		1187	0.56	10	
Beryllium	0.33	U	1.7	NC	10	U
Cadmium	15.1		15.12	NC	10	
Calcium	14400		14210	1.5	10	
Chromium	36.0		34.03	NC	10	

Serial Dilution - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1130	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cobalt	5.7	J	9.9	NC	10	U
Copper	718		700.8	2.4	10	
Iron	19600		19690	0.31	10	
Lead	544		549.5	1.1	10	
Magnesium	4140		4211	NC	10	J
Manganese	170		170.3	0.20	10	
Nickel	28.9		29.45	NC	10	J
Potassium	1490	J	1402	NC	10	J
Selenium	3.3	J	15.3	NC	10	U
Silver	56.4		54.34	3.7	10	
Sodium	366	U	1830	NC	10	U
Thallium	2.6	U	13.1	NC	10	U
Vanadium	23.3		22.64	NC	10	J

Duplicate - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/28/2012 1310	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Zinc	2850	2922	2	20	

Serial Dilution - Batch: 460-117761

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117861	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117761	Lab File ID:	06282012.asc
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	06/28/2012 1325	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/28/2012 0633				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Zinc	2850	2865	0.45	10	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117626

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-117626/1-A	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1422	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-117626

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1424	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.4	12.70	102	51 - 148	

Matrix Spike - Batch: 460-117626

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1429	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.21	0.197	0.517	156	75 - 125	F

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-117626

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1428	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.21	0.217	4	20	

Serial Dilution - Batch: 460-117626

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-5	Analysis Batch:	460-117692	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117626	Lab File ID:	117626hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 1515	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1017				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.21	0.13	NC		U

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-117715

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-117715/10-A	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2005	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-117715

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2007	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.4	11.47	92	51 - 148	

Matrix Spike - Batch: 460-117715

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2013	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	3.6	0.420	3.06	-133	75 - 125	4

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-117715

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2012	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	3.6	3.85	6	20	

Serial Dilution - Batch: 460-117715

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41730-17	Analysis Batch:	460-117735	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-117715	Lab File ID:	117715HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/27/2012 2104	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/27/2012 1708				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	3.6	0.28	101		U

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118916

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118916/1-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118916	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1639	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118916

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118916/2-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118916	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1640	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.26	101	90 - 110	

High Level Control Sample - Batch: 460-118916

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118916/3-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118916	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1641	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.92	99	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118916

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-5	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118916	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1642			Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-5	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118916	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1644			Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	104	102	85 - 115	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118916

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-5	Units:	mg/Kg	MSD Lab Sample ID:	460-41730-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/07/2012 1642			Analysis Date:	07/07/2012 1644
Prep Date:	07/07/2012 0630			Prep Date:	07/07/2012 0630
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	0.064	U	11.8	11.8	12.27	12.12

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-118918

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118918/1-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118918	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1628	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118918

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118918/2-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118918	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1629	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.27	102	90 - 110	

High Level Control Sample - Batch: 460-118918

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118918/3-A	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118918	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1630	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.94	99	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118918

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41709-E-5-E MS	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118918	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1631			Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41709-E-5-F MSD	Analysis Batch:	460-118941	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118918	Lab File ID:	C120707.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/07/2012 1635			Final Weight/Volume:	50.0 mL
Prep Date:	07/07/2012 0630				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	102	101	85 - 115	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118918

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41709-E-5-E MS	Units:	mg/Kg	MSD Lab Sample ID:	460-41709-E-5-F MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/07/2012 1631			Analysis Date:	07/07/2012 1635
Prep Date:	07/07/2012 0630			Prep Date:	07/07/2012 0630
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	0.065	U	12.0	12.0	12.15	12.10

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-119056

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-119056/1-A	Analysis Batch:	460-119062	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119056	Lab File ID:	C120709.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/09/2012 1325	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/09/2012 0930				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-119056

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-119056/2-A	Analysis Batch:	460-119062	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119056	Lab File ID:	C120709.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/09/2012 1326	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/09/2012 0930				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.24	99	90 - 110	

High Level Control Sample - Batch: 460-119056

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-119056/3-A	Analysis Batch:	460-119062	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119056	Lab File ID:	C120709.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/09/2012 1330	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/09/2012 0930				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.68	97	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119056

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41733-A-1-J MS	Analysis Batch:	460-119062	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119056	Lab File ID:	C120709.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/09/2012 1331			Final Weight/Volume:	50.0 mL
Prep Date:	07/09/2012 0930				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41733-A-1-K MSD	Analysis Batch:	460-119062	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119056	Lab File ID:	C120709.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/09/2012 1332			Final Weight/Volume:	50.0 mL
Prep Date:	07/09/2012 0930				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	97	97	85 - 115	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119056

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41733-A-1-J MS	Units:	mg/Kg	MSD Lab Sample ID:	460-41733-A-1-K MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/09/2012 1331			Analysis Date:	07/09/2012 1332
Prep Date:	07/09/2012 0930			Prep Date:	07/09/2012 0930
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	0.076	U	14.1	14.1	13.70	13.71

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-119162

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-119162/1-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119162	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1341	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 0630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-119162

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-119162/2-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119162	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1343	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.28	102	90 - 110	

High Level Control Sample - Batch: 460-119162

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-119162/3-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119162	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1344	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.99	100	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119162

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-17	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119162	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1345			Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 0630				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-17	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119162	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1346			Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 0630				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	96	97	85 - 115	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119162

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-17	Units:	mg/Kg	MSD Lab Sample ID:	460-41730-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/10/2012 1345			Analysis Date:	07/10/2012 1346
Prep Date:	07/10/2012 0630			Prep Date:	07/10/2012 0630
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	0.83	J	25.2	25.2	24.99	25.24

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Method Blank - Batch: 460-119193

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-119193/1-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119193	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1412	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 1000				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-119193

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-119193/2-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119193	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1413	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 1000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.28	102	90 - 110	

High Level Control Sample - Batch: 460-119193

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-119193/3-A	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119193	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1414	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 1000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	10.05	100	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119193

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-20	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119193	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1418			Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41730-20	Analysis Batch:	460-119244	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-119193	Lab File ID:	C120710.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	07/10/2012 1419			Final Weight/Volume:	50.0 mL
Prep Date:	07/10/2012 1000				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	104	104	85 - 115	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-119193

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41730-20	Units:	mg/Kg	MSD Lab Sample ID:	460-41730-20
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/10/2012 1418			Analysis Date:	07/10/2012 1419
Prep Date:	07/10/2012 1000			Prep Date:	07/10/2012 1000
Leach Date:	N/A			Leach Date:	N/A

	Sample		MS Spike	MSD Spike	MS	MSD
Analyte	Result/Qual		Amount	Amount	Result/Qual	Result/Qual
Cyanide, Total	0.061	U	11.4	11.4	11.78	11.76

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-118055

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41730-12	Analysis Batch:	460-118055	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:	06/29/2012 1336	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	8.9	9.2	3	20	
Percent Solids	91.1	90.8	0.3	20	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-118076

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41789-A-13 DU	Analysis Batch:	460-118076	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:	06/29/2012 1555	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	10.9	9.0	19	20	
Percent Solids	89.1	91.0	2	20	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Duplicate - Batch: 460-118134

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41843-A-1 DU	Analysis Batch:	460-118134	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:	06/30/2012 1124	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	12.8	13.0	1	20	
Percent Solids	87.2	87.0	0.1	20	

DATA REPORTING QUALIFIERS

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

DATA REPORTING QUALIFIERS

Client: Carlin, Simpson and Associates Job Number: 460-41730-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	W	PS: Post-digestion spike was outside control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-117582					
460-41730-14	F-20	T	Solid	5035	
460-41730-17	F-23	T	Solid	5035	
460-41730-17MS	Matrix Spike	T	Solid	5035	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-117585					
LB3 460-117585/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-41730-1	SL-10	T	Solid	5035	
460-41730-2	SF-26	T	Solid	5035	
460-41730-3	SF-27	T	Solid	5035	
460-41730-4	SF-28	T	Solid	5035	
460-41730-5	SF-29	T	Solid	5035	
460-41730-5MS	Matrix Spike	T	Solid	5035	
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	5035	
460-41730-6	SF-30	T	Solid	5035	
460-41730-7	SF-31	T	Solid	5035	
460-41730-8	SF-32	T	Solid	5035	
460-41730-9	SF-33	T	Solid	5035	
460-41730-10	FD-H	T	Solid	5035	
460-41730-11	F-17	T	Solid	5035	
460-41730-12	F-18	T	Solid	5035	
460-41730-13	F-19	T	Solid	5035	
460-41730-15	F-21	T	Solid	5035	
460-41730-16	F-22	T	Solid	5035	
460-41730-18	F-24	T	Solid	5035	
460-41730-20	F-26	T	Solid	5035	
460-41730-21	F-27	T	Solid	5035	
460-41730-22	F-28	T	Solid	5035	
460-41730-23	FD-J	T	Solid	5035	
Analysis Batch:460-117746					
LCS 460-117746/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-117746/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-117746/5	Method Blank	T	Solid	8260B	
LB3 460-117585/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-117585

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-118221					
LCS 460-118221/3	Lab Control Sample	T	Solid	8260B	
MB 460-118221/5	Method Blank	T	Solid	8260B	
460-41730-1	SL-10	T	Solid	8260B	460-117585
460-41730-2	SF-26	T	Solid	8260B	460-117585
460-41730-3	SF-27	T	Solid	8260B	460-117585
460-41730-4	SF-28	T	Solid	8260B	460-117585
460-41730-5MS	Matrix Spike	T	Solid	8260B	460-117585
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	8260B	460-117585
460-41730-6	SF-30	T	Solid	8260B	460-117585
460-41730-7	SF-31	T	Solid	8260B	460-117585
460-41730-8	SF-32	T	Solid	8260B	460-117585
460-41730-15	F-21	T	Solid	8260B	460-117585
460-41730-16	F-22	T	Solid	8260B	460-117585
Analysis Batch:460-118368					
LCS 460-118368/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-118368/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-118368/5	Method Blank	T	Solid	8260B	
460-41730-5	SF-29	T	Solid	8260B	460-117585
460-41730-9	SF-33	T	Solid	8260B	460-117585
460-41730-10	FD-H	T	Solid	8260B	460-117585
460-41730-11	F-17	T	Solid	8260B	460-117585
460-41730-12	F-18	T	Solid	8260B	460-117585
460-41730-13	F-19	T	Solid	8260B	460-117585
460-41730-18	F-24	T	Solid	8260B	460-117585
460-41730-20	F-26	T	Solid	8260B	460-117585
460-41730-21	F-27	T	Solid	8260B	460-117585
460-41730-22	F-28	T	Solid	8260B	460-117585
460-41730-23	FD-J	T	Solid	8260B	460-117585
Analysis Batch:460-118537					
LCS 460-118537/3	Lab Control Sample	T	Solid	8260B	
MB 460-118537/4	Method Blank	T	Solid	8260B	
460-41730-14	F-20	T	Solid	8260B	460-117582
460-41730-17	F-23	T	Solid	8260B	460-117582
460-41730-17MS	Matrix Spike	T	Solid	8260B	460-117582
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	8260B	460-117582

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-118529					
LCS 460-118529/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118529/1-A	Method Blank	T	Solid	3541	
460-41730-1	SL-10	T	Solid	3541	
460-41730-2	SF-26	T	Solid	3541	
460-41730-3	SF-27	T	Solid	3541	
460-41730-4	SF-28	T	Solid	3541	
460-41730-5	SF-29	T	Solid	3541	
460-41730-5MS	Matrix Spike	T	Solid	3541	
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-6	SF-30	T	Solid	3541	
460-41730-7	SF-31	T	Solid	3541	
460-41730-8	SF-32	T	Solid	3541	
460-41730-9	SF-33	T	Solid	3541	
460-41730-10	FD-H	T	Solid	3541	
460-41730-11	F-17	T	Solid	3541	
460-41730-12	F-18	T	Solid	3541	
460-41730-13	F-19	T	Solid	3541	
460-41730-14	F-20	T	Solid	3541	
460-41730-15	F-21	T	Solid	3541	
460-41730-16	F-22	T	Solid	3541	
460-41730-18	F-24	T	Solid	3541	
460-41730-20	F-26	T	Solid	3541	
460-41730-21	F-27	T	Solid	3541	
460-41730-22	F-28	T	Solid	3541	
Prep Batch: 460-118530					
LCS 460-118530/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118530/1-A	Method Blank	T	Solid	3541	
460-41730-17	F-23	T	Solid	3541	
460-41730-17MS	Matrix Spike	T	Solid	3541	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-23	FD-J	T	Solid	3541	
Analysis Batch:460-118849					
LCS 460-118530/2-A	Lab Control Sample	T	Solid	8270C	460-118530
MB 460-118530/1-A	Method Blank	T	Solid	8270C	460-118530
460-41730-17	F-23	T	Solid	8270C	460-118530
460-41730-17MS	Matrix Spike	T	Solid	8270C	460-118530
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	8270C	460-118530
460-41730-23	FD-J	T	Solid	8270C	460-118530

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-118966					
LCS 460-118529/2-A	Lab Control Sample	T	Solid	8270C	460-118529
MB 460-118529/1-A	Method Blank	T	Solid	8270C	460-118529
460-41730-1	SL-10	T	Solid	8270C	460-118529
460-41730-2	SF-26	T	Solid	8270C	460-118529
460-41730-3	SF-27	T	Solid	8270C	460-118529
460-41730-4	SF-28	T	Solid	8270C	460-118529
460-41730-5	SF-29	T	Solid	8270C	460-118529
460-41730-5MS	Matrix Spike	T	Solid	8270C	460-118529
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	8270C	460-118529
460-41730-6	SF-30	T	Solid	8270C	460-118529
460-41730-7	SF-31	T	Solid	8270C	460-118529
460-41730-8	SF-32	T	Solid	8270C	460-118529
460-41730-9	SF-33	T	Solid	8270C	460-118529
460-41730-10	FD-H	T	Solid	8270C	460-118529
460-41730-11	F-17	T	Solid	8270C	460-118529
460-41730-12	F-18	T	Solid	8270C	460-118529
460-41730-13	F-19	T	Solid	8270C	460-118529
460-41730-15	F-21	T	Solid	8270C	460-118529
460-41730-16	F-22	T	Solid	8270C	460-118529
460-41730-18	F-24	T	Solid	8270C	460-118529
460-41730-20	F-26	T	Solid	8270C	460-118529
460-41730-21	F-27	T	Solid	8270C	460-118529
460-41730-22	F-28	T	Solid	8270C	460-118529
Analysis Batch:460-119055					
460-41730-14	F-20	T	Solid	8270C	460-118529

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-118068					
LCS 460-118068/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118068/1-A	Method Blank	T	Solid	3541	
460-41730-1	SL-10	T	Solid	3541	
460-41730-2	SF-26	T	Solid	3541	
460-41730-3	SF-27	T	Solid	3541	
460-41730-4	SF-28	T	Solid	3541	
460-41730-5	SF-29	T	Solid	3541	
460-41730-5MS	Matrix Spike	T	Solid	3541	
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-6	SF-30	T	Solid	3541	
460-41730-7	SF-31	T	Solid	3541	
460-41730-8	SF-32	T	Solid	3541	
460-41730-9	SF-33	T	Solid	3541	
460-41730-10	FD-H	T	Solid	3541	
460-41730-11	F-17	T	Solid	3541	
460-41730-12	F-18	T	Solid	3541	
460-41730-13	F-19	T	Solid	3541	
460-41730-14	F-20	T	Solid	3541	
460-41730-15	F-21	T	Solid	3541	
460-41730-16	F-22	T	Solid	3541	
460-41730-18	F-24	T	Solid	3541	
460-41730-20	F-26	T	Solid	3541	
460-41730-21	F-27	T	Solid	3541	
460-41730-22	F-28	T	Solid	3541	
Prep Batch: 460-118069					
LCS 460-118069/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118069/1-A	Method Blank	T	Solid	3541	
460-41730-17	F-23	T	Solid	3541	
460-41730-17MS	Matrix Spike	T	Solid	3541	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-23	FD-J	T	Solid	3541	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-118074					
LCS 460-118074/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118074/1-A	Method Blank	T	Solid	3541	
460-41730-1	SL-10	T	Solid	3541	
460-41730-2	SF-26	T	Solid	3541	
460-41730-3	SF-27	T	Solid	3541	
460-41730-4	SF-28	T	Solid	3541	
460-41730-5	SF-29	T	Solid	3541	
460-41730-5MS	Matrix Spike	T	Solid	3541	
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-6	SF-30	T	Solid	3541	
460-41730-7	SF-31	T	Solid	3541	
460-41730-8	SF-32	T	Solid	3541	
460-41730-9	SF-33	T	Solid	3541	
460-41730-10	FD-H	T	Solid	3541	
460-41730-11	F-17	T	Solid	3541	
460-41730-12	F-18	T	Solid	3541	
460-41730-13	F-19	T	Solid	3541	
460-41730-14	F-20	T	Solid	3541	
460-41730-15	F-21	T	Solid	3541	
460-41730-16	F-22	T	Solid	3541	
460-41730-18	F-24	T	Solid	3541	
460-41730-20	F-26	T	Solid	3541	
460-41730-21	F-27	T	Solid	3541	
460-41730-22	F-28	T	Solid	3541	
Prep Batch: 460-118077					
LCS 460-118077/2-A	Lab Control Sample	T	Solid	3541	
MB 460-118077/1-A	Method Blank	T	Solid	3541	
460-41730-17	F-23	T	Solid	3541	
460-41730-17MS	Matrix Spike	T	Solid	3541	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41730-23	FD-J	T	Solid	3541	
Analysis Batch:460-118238					
LCS 460-118069/2-A	Lab Control Sample	T	Solid	8082	460-118069
MB 460-118069/1-A	Method Blank	T	Solid	8082	460-118069
460-41730-17	F-23	T	Solid	8082	460-118069
460-41730-17MS	Matrix Spike	T	Solid	8082	460-118069
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	8082	460-118069
460-41730-23	FD-J	T	Solid	8082	460-118069

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-118309					
LCS 460-118068/2-A	Lab Control Sample	T	Solid	8082	460-118068
MB 460-118068/1-A	Method Blank	T	Solid	8082	460-118068
460-41730-1	SL-10	T	Solid	8082	460-118068
460-41730-2	SF-26	T	Solid	8082	460-118068
460-41730-3	SF-27	T	Solid	8082	460-118068
460-41730-4	SF-28	T	Solid	8082	460-118068
460-41730-5	SF-29	T	Solid	8082	460-118068
460-41730-5MS	Matrix Spike	T	Solid	8082	460-118068
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	8082	460-118068
460-41730-6	SF-30	T	Solid	8082	460-118068
460-41730-7	SF-31	T	Solid	8082	460-118068
460-41730-8	SF-32	T	Solid	8082	460-118068
460-41730-9	SF-33	T	Solid	8082	460-118068
460-41730-10	FD-H	T	Solid	8082	460-118068
460-41730-11	F-17	T	Solid	8082	460-118068
460-41730-12	F-18	T	Solid	8082	460-118068
460-41730-13	F-19	T	Solid	8082	460-118068
460-41730-14	F-20	T	Solid	8082	460-118068
460-41730-15	F-21	T	Solid	8082	460-118068
460-41730-16	F-22	T	Solid	8082	460-118068
460-41730-18	F-24	T	Solid	8082	460-118068
460-41730-20	F-26	T	Solid	8082	460-118068
460-41730-21	F-27	T	Solid	8082	460-118068
460-41730-22	F-28	T	Solid	8082	460-118068
Analysis Batch:460-118507					
460-41730-5MS	Matrix Spike	T	Solid	8081A	460-118074
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	8081A	460-118074
Analysis Batch:460-118612					
LCS 460-118077/2-A	Lab Control Sample	T	Solid	8081A	460-118077
MB 460-118077/1-A	Method Blank	T	Solid	8081A	460-118077
460-41730-17	F-23	T	Solid	8081A	460-118077
460-41730-17MS	Matrix Spike	T	Solid	8081A	460-118077
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	8081A	460-118077
460-41730-23	FD-J	T	Solid	8081A	460-118077

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-118973					
LCS 460-118074/2-A	Lab Control Sample	T	Solid	8081A	460-118074
MB 460-118074/1-A	Method Blank	T	Solid	8081A	460-118074
460-41730-1	SL-10	T	Solid	8081A	460-118074
460-41730-2	SF-26	T	Solid	8081A	460-118074
460-41730-3	SF-27	T	Solid	8081A	460-118074
460-41730-4	SF-28	T	Solid	8081A	460-118074
460-41730-5	SF-29	T	Solid	8081A	460-118074
460-41730-6	SF-30	T	Solid	8081A	460-118074
460-41730-7	SF-31	T	Solid	8081A	460-118074
460-41730-8	SF-32	T	Solid	8081A	460-118074
460-41730-9	SF-33	T	Solid	8081A	460-118074
460-41730-10	FD-H	T	Solid	8081A	460-118074
460-41730-11	F-17	T	Solid	8081A	460-118074
460-41730-12	F-18	T	Solid	8081A	460-118074
460-41730-13	F-19	T	Solid	8081A	460-118074
460-41730-14	F-20	T	Solid	8081A	460-118074
460-41730-15	F-21	T	Solid	8081A	460-118074
460-41730-16	F-22	T	Solid	8081A	460-118074
460-41730-18	F-24	T	Solid	8081A	460-118074
460-41730-20	F-26	T	Solid	8081A	460-118074
460-41730-21	F-27	T	Solid	8081A	460-118074
460-41730-22	F-28	T	Solid	8081A	460-118074

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-117597					
LCSSRM 460-117597/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-117597/1-A ^2	Method Blank	T	Solid	3050B	
460-41706-B-2-F DU ^4	Duplicate	T	Solid	3050B	
460-41706-B-2-G MS ^4	Matrix Spike	T	Solid	3050B	
460-41730-1	SL-10	T	Solid	3050B	
460-41730-2	SF-26	T	Solid	3050B	
Prep Batch: 460-117600					
LCSSRM 460-117600/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-117600/1-A ^2	Method Blank	T	Solid	3050B	
460-41730-3	SF-27	T	Solid	3050B	
460-41730-4	SF-28	T	Solid	3050B	
460-41730-5	SF-29	T	Solid	3050B	
460-41730-5DU	Duplicate	T	Solid	3050B	
460-41730-5MS	Matrix Spike	T	Solid	3050B	
460-41730-6	SF-30	T	Solid	3050B	
460-41730-7	SF-31	T	Solid	3050B	
460-41730-8	SF-32	T	Solid	3050B	
460-41730-9	SF-33	T	Solid	3050B	
460-41730-10	FD-H	T	Solid	3050B	
460-41730-11	F-17	T	Solid	3050B	
460-41730-12	F-18	T	Solid	3050B	
460-41730-13	F-19	T	Solid	3050B	
460-41730-14	F-20	T	Solid	3050B	
460-41730-15	F-21	T	Solid	3050B	
460-41730-16	F-22	T	Solid	3050B	
460-41730-18	F-24	T	Solid	3050B	
460-41730-19	F-25	T	Solid	3050B	
460-41730-20	F-26	T	Solid	3050B	
460-41730-21	F-27	T	Solid	3050B	
460-41730-22	F-28	T	Solid	3050B	
460-41730-23	FD-J	T	Solid	3050B	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-117626					
LCSSRM 460-117626/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-117626/1-A	Method Blank	T	Solid	7471A	
460-41730-1	SL-10	T	Solid	7471A	
460-41730-2	SF-26	T	Solid	7471A	
460-41730-3	SF-27	T	Solid	7471A	
460-41730-4	SF-28	T	Solid	7471A	
460-41730-5	SF-29	T	Solid	7471A	
460-41730-5DU	Duplicate	T	Solid	7471A	
460-41730-5MS	Matrix Spike	T	Solid	7471A	
460-41730-6	SF-30	T	Solid	7471A	
460-41730-7	SF-31	T	Solid	7471A	
460-41730-8	SF-32	T	Solid	7471A	
460-41730-9	SF-33	T	Solid	7471A	
460-41730-10	FD-H	T	Solid	7471A	
460-41730-11	F-17	T	Solid	7471A	
460-41730-12	F-18	T	Solid	7471A	
460-41730-13	F-19	T	Solid	7471A	
460-41730-14	F-20	T	Solid	7471A	
460-41730-15	F-21	T	Solid	7471A	
460-41730-16	F-22	T	Solid	7471A	
Analysis Batch:460-117692					
LCSSRM 460-117626/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	460-117626
MB 460-117626/1-A	Method Blank	T	Solid	7471A	460-117626
460-41730-1	SL-10	T	Solid	7471A	460-117626
460-41730-2	SF-26	T	Solid	7471A	460-117626
460-41730-3	SF-27	T	Solid	7471A	460-117626
460-41730-4	SF-28	T	Solid	7471A	460-117626
460-41730-5	SF-29	T	Solid	7471A	460-117626
460-41730-5DU	Duplicate	T	Solid	7471A	460-117626
460-41730-5MS	Matrix Spike	T	Solid	7471A	460-117626
460-41730-6	SF-30	T	Solid	7471A	460-117626
460-41730-7	SF-31	T	Solid	7471A	460-117626
460-41730-8	SF-32	T	Solid	7471A	460-117626
460-41730-9	SF-33	T	Solid	7471A	460-117626
460-41730-10	FD-H	T	Solid	7471A	460-117626
460-41730-11	F-17	T	Solid	7471A	460-117626
460-41730-12	F-18	T	Solid	7471A	460-117626
460-41730-13	F-19	T	Solid	7471A	460-117626
460-41730-14	F-20	T	Solid	7471A	460-117626
460-41730-15	F-21	T	Solid	7471A	460-117626
460-41730-16	F-22	T	Solid	7471A	460-117626

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-117715					
LCSSRM 460-117715/11-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-117715/10-A	Method Blank	T	Solid	7471A	
460-41730-17	F-23	T	Solid	7471A	
460-41730-17DU	Duplicate	T	Solid	7471A	
460-41730-17MS	Matrix Spike	T	Solid	7471A	
460-41730-18	F-24	T	Solid	7471A	
460-41730-19	F-25	T	Solid	7471A	
460-41730-20	F-26	T	Solid	7471A	
460-41730-21	F-27	T	Solid	7471A	
460-41730-22	F-28	T	Solid	7471A	
460-41730-23	FD-J	T	Solid	7471A	
Analysis Batch:460-117735					
LCSSRM 460-117715/11-A	LCS-Certified Reference Material	T	Solid	7471A	460-117715
MB 460-117715/10-A	Method Blank	T	Solid	7471A	460-117715
460-41730-17	F-23	T	Solid	7471A	460-117715
460-41730-17DU	Duplicate	T	Solid	7471A	460-117715
460-41730-17MS	Matrix Spike	T	Solid	7471A	460-117715
460-41730-18	F-24	T	Solid	7471A	460-117715
460-41730-19	F-25	T	Solid	7471A	460-117715
460-41730-20	F-26	T	Solid	7471A	460-117715
460-41730-21	F-27	T	Solid	7471A	460-117715
460-41730-22	F-28	T	Solid	7471A	460-117715
460-41730-23	FD-J	T	Solid	7471A	460-117715
Prep Batch: 460-117761					
LCSSRM 460-117761/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-117761/1-A ^2	Method Blank	T	Solid	3050B	
460-41730-17	F-23	T	Solid	3050B	
460-41730-17DU	Duplicate	T	Solid	3050B	
460-41730-17MS	Matrix Spike	T	Solid	3050B	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-117763					
LCSSRM 460-117597/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-117597
MB 460-117597/1-A ^2	Method Blank	T	Solid	6010B	460-117597
LCSSRM 460-117600/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-117600
MB 460-117600/1-A ^2	Method Blank	T	Solid	6010B	460-117600
460-41706-B-2-F DU ^4	Duplicate	T	Solid	6010B	460-117597
460-41706-B-2-G MS ^4	Matrix Spike	T	Solid	6010B	460-117597
460-41730-1	SL-10	T	Solid	6010B	460-117597
460-41730-2	SF-26	T	Solid	6010B	460-117597
460-41730-3	SF-27	T	Solid	6010B	460-117600
460-41730-4	SF-28	T	Solid	6010B	460-117600
460-41730-5	SF-29	T	Solid	6010B	460-117600
460-41730-5DU	Duplicate	T	Solid	6010B	460-117600
460-41730-5MS	Matrix Spike	T	Solid	6010B	460-117600
460-41730-6	SF-30	T	Solid	6010B	460-117600
460-41730-7	SF-31	T	Solid	6010B	460-117600
460-41730-8	SF-32	T	Solid	6010B	460-117600
460-41730-9	SF-33	T	Solid	6010B	460-117600
460-41730-10	FD-H	T	Solid	6010B	460-117600
460-41730-11	F-17	T	Solid	6010B	460-117600
460-41730-12	F-18	T	Solid	6010B	460-117600
460-41730-13	F-19	T	Solid	6010B	460-117600
460-41730-14	F-20	T	Solid	6010B	460-117600
460-41730-15	F-21	T	Solid	6010B	460-117600
460-41730-16	F-22	T	Solid	6010B	460-117600
460-41730-18	F-24	T	Solid	6010B	460-117600
460-41730-19	F-25	T	Solid	6010B	460-117600
460-41730-20	F-26	T	Solid	6010B	460-117600
460-41730-21	F-27	T	Solid	6010B	460-117600
460-41730-22	F-28	T	Solid	6010B	460-117600
460-41730-23	FD-J	T	Solid	6010B	460-117600
Analysis Batch:460-117861					
LCSSRM 460-117761/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-117761
MB 460-117761/1-A ^2	Method Blank	T	Solid	6010B	460-117761
460-41730-17	F-23	T	Solid	6010B	460-117761
460-41730-17DU	Duplicate	T	Solid	6010B	460-117761
460-41730-17MS	Matrix Spike	T	Solid	6010B	460-117761

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-118055					
460-41730-5	SF-29	T	Solid	Moisture	
460-41730-5MSMS	Matrix Spike	T	Solid	Moisture	
460-41730-5MSDMSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-41730-7	SF-31	T	Solid	Moisture	
460-41730-8	SF-32	T	Solid	Moisture	
460-41730-9	SF-33	T	Solid	Moisture	
460-41730-10	FD-H	T	Solid	Moisture	
460-41730-11	F-17	T	Solid	Moisture	
460-41730-12	F-18	T	Solid	Moisture	
460-41730-12DU	Duplicate	T	Solid	Moisture	
460-41730-14	F-20	T	Solid	Moisture	
460-41730-15	F-21	T	Solid	Moisture	
460-41730-16	F-22	T	Solid	Moisture	
460-41730-17	F-23	T	Solid	Moisture	
460-41730-17MS	Matrix Spike	T	Solid	Moisture	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-41730-18	F-24	T	Solid	Moisture	
460-41730-20	F-26	T	Solid	Moisture	
460-41730-21	F-27	T	Solid	Moisture	
460-41730-22	F-28	T	Solid	Moisture	
460-41730-23	FD-J	T	Solid	Moisture	
Analysis Batch:460-118076					
460-41730-2	SF-26	T	Solid	Moisture	
460-41730-3	SF-27	T	Solid	Moisture	
460-41730-4	SF-28	T	Solid	Moisture	
460-41730-6	SF-30	T	Solid	Moisture	
460-41730-13	F-19	T	Solid	Moisture	
460-41789-A-13 DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-118134					
460-41730-1	SL-10	T	Solid	Moisture	
460-41730-19	F-25	T	Solid	Moisture	
460-41843-A-1 DU	Duplicate	T	Solid	Moisture	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-118916					
HLCS 460-118916/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118916/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118916/1-A	Method Blank	T	Solid	9012A	
460-41730-1	SL-10	T	Solid	9012A	
460-41730-2	SF-26	T	Solid	9012A	
460-41730-3	SF-27	T	Solid	9012A	
460-41730-4	SF-28	T	Solid	9012A	
460-41730-5	SF-29	T	Solid	9012A	
460-41730-5MS	Matrix Spike	T	Solid	9012A	
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41730-6	SF-30	T	Solid	9012A	
460-41730-10	FD-H	T	Solid	9012A	
460-41730-11	F-17	T	Solid	9012A	
460-41730-12	F-18	T	Solid	9012A	
460-41730-13	F-19	T	Solid	9012A	
Prep Batch: 460-118918					
HLCS 460-118918/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118918/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118918/1-A	Method Blank	T	Solid	9012A	
460-41709-E-5-E MS	Matrix Spike	T	Solid	9012A	
460-41709-E-5-F MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41730-14	F-20	T	Solid	9012A	

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-118941					
HLCS 460-118916/3-A	High Level Control Sample	T	Solid	9012A	460-118916
LLCS 460-118916/2-A	Low Level Control Sample	T	Solid	9012A	460-118916
MB 460-118916/1-A	Method Blank	T	Solid	9012A	460-118916
HLCS 460-118918/3-A	High Level Control Sample	T	Solid	9012A	460-118918
LLCS 460-118918/2-A	Low Level Control Sample	T	Solid	9012A	460-118918
MB 460-118918/1-A	Method Blank	T	Solid	9012A	460-118918
460-41709-E-5-E MS	Matrix Spike	T	Solid	9012A	460-118918
460-41709-E-5-F MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118918
460-41730-1	SL-10	T	Solid	9012A	460-118916
460-41730-2	SF-26	T	Solid	9012A	460-118916
460-41730-3	SF-27	T	Solid	9012A	460-118916
460-41730-4	SF-28	T	Solid	9012A	460-118916
460-41730-5	SF-29	T	Solid	9012A	460-118916
460-41730-5MS	Matrix Spike	T	Solid	9012A	460-118916
460-41730-5MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118916
460-41730-6	SF-30	T	Solid	9012A	460-118916
460-41730-10	FD-H	T	Solid	9012A	460-118916
460-41730-11	F-17	T	Solid	9012A	460-118916
460-41730-12	F-18	T	Solid	9012A	460-118916
460-41730-13	F-19	T	Solid	9012A	460-118916
460-41730-14	F-20	T	Solid	9012A	460-118918
Prep Batch: 460-119056					
HLCS 460-119056/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-119056/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-119056/1-A	Method Blank	T	Solid	9012A	
460-41730-7	SF-31	T	Solid	9012A	
460-41730-8	SF-32	T	Solid	9012A	
460-41730-9	SF-33	T	Solid	9012A	
460-41730-15	F-21	T	Solid	9012A	
460-41730-16	F-22	T	Solid	9012A	
460-41733-A-1-J MS	Matrix Spike	T	Solid	9012A	
460-41733-A-1-K MSD	Matrix Spike Duplicate	T	Solid	9012A	
Analysis Batch:460-119062					
HLCS 460-119056/3-A	High Level Control Sample	T	Solid	9012A	460-119056
LLCS 460-119056/2-A	Low Level Control Sample	T	Solid	9012A	460-119056
MB 460-119056/1-A	Method Blank	T	Solid	9012A	460-119056
460-41730-7	SF-31	T	Solid	9012A	460-119056
460-41730-8	SF-32	T	Solid	9012A	460-119056
460-41730-9	SF-33	T	Solid	9012A	460-119056
460-41730-15	F-21	T	Solid	9012A	460-119056
460-41730-16	F-22	T	Solid	9012A	460-119056
460-41733-A-1-J MS	Matrix Spike	T	Solid	9012A	460-119056
460-41733-A-1-K MSD	Matrix Spike Duplicate	T	Solid	9012A	460-119056

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-119162					
HLCS 460-119162/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-119162/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-119162/1-A	Method Blank	T	Solid	9012A	
460-41730-17	F-23	T	Solid	9012A	
460-41730-17MS	Matrix Spike	T	Solid	9012A	
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41730-18	F-24	T	Solid	9012A	
460-41730-19	F-25	T	Solid	9012A	
Prep Batch: 460-119193					
HLCS 460-119193/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-119193/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-119193/1-A	Method Blank	T	Solid	9012A	
460-41730-20	F-26	T	Solid	9012A	
460-41730-20MS	Matrix Spike	T	Solid	9012A	
460-41730-20MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41730-21	F-27	T	Solid	9012A	
460-41730-22	F-28	T	Solid	9012A	
460-41730-23	FD-J	T	Solid	9012A	
Analysis Batch:460-119244					
HLCS 460-119162/3-A	High Level Control Sample	T	Solid	9012A	460-119162
LLCS 460-119162/2-A	Low Level Control Sample	T	Solid	9012A	460-119162
MB 460-119162/1-A	Method Blank	T	Solid	9012A	460-119162
HLCS 460-119193/3-A	High Level Control Sample	T	Solid	9012A	460-119193
LLCS 460-119193/2-A	Low Level Control Sample	T	Solid	9012A	460-119193
MB 460-119193/1-A	Method Blank	T	Solid	9012A	460-119193
460-41730-17	F-23	T	Solid	9012A	460-119162
460-41730-17MS	Matrix Spike	T	Solid	9012A	460-119162
460-41730-17MSD	Matrix Spike Duplicate	T	Solid	9012A	460-119162
460-41730-18	F-24	T	Solid	9012A	460-119162
460-41730-19	F-25	T	Solid	9012A	460-119162
460-41730-20	F-26	T	Solid	9012A	460-119193
460-41730-20MS	Matrix Spike	T	Solid	9012A	460-119193
460-41730-20MSD	Matrix Spike Duplicate	T	Solid	9012A	460-119193
460-41730-21	F-27	T	Solid	9012A	460-119193
460-41730-22	F-28	T	Solid	9012A	460-119193
460-41730-23	FD-J	T	Solid	9012A	460-119193

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-1 **Client ID:** SL-10

Sample Date/Time: 06/25/2012 08:35 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-1-A		460-118221	460-117585	06/27/2012 03:04	1	TAL EDI	FJ
A:8260B	460-41730-B-1-A		460-118221	460-117585	07/02/2012 08:16	1	TAL EDI	AT
P:3541	460-41730-E-1-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-1-E		460-118966	460-118529	07/06/2012 14:41	1	TAL EDI	AAA
P:3541	460-41730-E-1-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-1-D		460-118973	460-118074	07/02/2012 12:28	1	TAL EDI	FM
P:3541	460-41730-E-1-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-1-C		460-118309	460-118068	07/01/2012 13:29	1	TAL EDI	CS
P:3050B	460-41730-E-1-A ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	460-41730-E-1-A ^4		460-117763	460-117597	06/27/2012 20:14	4	TAL EDI	CDC
P:7471A	460-41730-E-1-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-1-B		460-117692	460-117626	06/27/2012 14:43	1	TAL EDI	RBS
P:9012A	460-41730-E-1-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-1-F		460-118941	460-118916	07/07/2012 16:48	1	TAL EDI	HV
A:Moisture	460-41730-E-1		460-118134		06/30/2012 11:24	1	TAL EDI	SB

Lab ID: 460-41730-2 **Client ID:** SF-26

Sample Date/Time: 06/25/2012 09:55 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-2-A		460-118221	460-117585	06/27/2012 03:05	1	TAL EDI	FJ
A:8260B	460-41730-B-2-A		460-118221	460-117585	07/02/2012 08:41	1	TAL EDI	AT
P:3541	460-41730-E-2-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-2-E		460-118966	460-118529	07/06/2012 16:02	1	TAL EDI	AAA
P:3541	460-41730-E-2-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-2-D		460-118973	460-118074	07/02/2012 12:42	1	TAL EDI	FM
P:3541	460-41730-E-2-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-2-C		460-118309	460-118068	07/01/2012 13:45	1	TAL EDI	CS
P:3050B	460-41730-E-2-A ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	460-41730-E-2-A ^4		460-117763	460-117597	06/27/2012 20:18	4	TAL EDI	CDC
P:7471A	460-41730-E-2-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-2-B		460-117692	460-117626	06/27/2012 14:45	1	TAL EDI	RBS
P:9012A	460-41730-E-2-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-2-F		460-118941	460-118916	07/07/2012 16:49	1	TAL EDI	HV
A:Moisture	460-41730-D-2		460-118076		06/29/2012 15:55	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-3 **Client ID:** SF-27

Sample Date/Time: 06/25/2012 10:50 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-3-A		460-118221	460-117585	06/27/2012 03:06	1	TAL EDI	FJ
A:8260B	460-41730-B-3-A		460-118221	460-117585	07/02/2012 09:06	1	TAL EDI	AT
P:3541	460-41730-E-3-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-3-E		460-118966	460-118529	07/06/2012 10:39	1	TAL EDI	AAA
P:3541	460-41730-E-3-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-3-D		460-118973	460-118074	07/02/2012 12:56	1	TAL EDI	FM
P:3541	460-41730-E-3-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-3-C		460-118309	460-118068	07/01/2012 14:01	1	TAL EDI	CS
P:3050B	460-41730-E-3-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-3-A ^4		460-117763	460-117600	06/27/2012 20:53	4	TAL EDI	CDC
P:7471A	460-41730-E-3-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-3-B		460-117692	460-117626	06/27/2012 14:47	1	TAL EDI	RBS
P:9012A	460-41730-E-3-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-3-F		460-118941	460-118916	07/07/2012 16:50	1	TAL EDI	HV
A:Moisture	460-41730-D-3		460-118076		06/29/2012 15:55	1	TAL EDI	CHA

Lab ID: 460-41730-4 **Client ID:** SF-28

Sample Date/Time: 06/25/2012 11:30 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-4-A		460-118221	460-117585	06/27/2012 03:07	1	TAL EDI	FJ
A:8260B	460-41730-B-4-A		460-118221	460-117585	07/02/2012 09:31	1	TAL EDI	AT
P:3541	460-41730-E-4-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-4-E		460-118966	460-118529	07/06/2012 10:59	1	TAL EDI	AAA
P:3541	460-41730-E-4-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-4-D		460-118973	460-118074	07/02/2012 13:10	1	TAL EDI	FM
P:3541	460-41730-E-4-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-4-C		460-118309	460-118068	07/01/2012 14:17	1	TAL EDI	CS
P:3050B	460-41730-E-4-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-4-A ^4		460-117763	460-117600	06/27/2012 20:57	4	TAL EDI	CDC
P:7471A	460-41730-E-4-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-4-B		460-117692	460-117626	06/27/2012 14:49	1	TAL EDI	RBS
P:9012A	460-41730-E-4-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-4-F		460-118941	460-118916	07/07/2012 16:52	1	TAL EDI	HV
A:Moisture	460-41730-D-4		460-118076		06/29/2012 15:55	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-5 **Client ID:** SF-29

Sample Date/Time: 06/25/2012 12:04 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-C-5-A		460-118368	460-117585	06/27/2012 03:08	1	TAL EDI	FJ
A:8260B	460-41730-C-5-A		460-118368	460-117585	07/02/2012 20:58	1	TAL EDI	EM
P:3541	460-41730-E-5-L		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-5-L		460-118966	460-118529	07/06/2012 16:42	1	TAL EDI	AAA
P:3541	460-41730-E-5-I		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-5-I		460-118973	460-118074	07/02/2012 13:23	1	TAL EDI	FM
P:3541	460-41730-E-5-F		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-5-F		460-118309	460-118068	07/01/2012 14:33	1	TAL EDI	CS
P:3050B	460-41730-E-5-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-5-A ^4		460-117763	460-117600	06/27/2012 20:39	4	TAL EDI	CDC
P:7471A	460-41730-E-5-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-5-B		460-117692	460-117626	06/27/2012 14:26	1	TAL EDI	RBS
P:9012A	460-41730-E-5-O		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-5-O		460-118941	460-118916	07/07/2012 16:45	1	TAL EDI	HV
A:Moisture	460-41730-D-5		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-5 **Client ID:** SF-29

Sample Date/Time: 06/25/2012 12:04 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-5-B MS		460-118221	460-117585	06/27/2012 03:08	1	TAL EDI	FJ
A:8260B	460-41730-B-5-B MS		460-118221	460-117585	07/02/2012 12:01	1	TAL EDI	AT
P:3541	460-41730-E-5-J MS		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-5-J MS		460-118966	460-118529	07/06/2012 17:03	1	TAL EDI	AAA
P:3541	460-41730-E-5-G MS		460-118507	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-5-G MS		460-118507	460-118074	07/03/2012 08:56	1	TAL EDI	CDC
P:3541	460-41730-E-5-D MS		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-5-D MS		460-118309	460-118068	07/01/2012 12:57	1	TAL EDI	CS
P:3050B	460-41730-A-5-E MS ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-A-5-E MS ^4		460-117763	460-117600	06/27/2012 20:47	4	TAL EDI	CDC
P:7471A	460-41730-E-5-C MS		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-5-C MS		460-117692	460-117626	06/27/2012 14:29	1	TAL EDI	RBS
P:9012A	460-41730-E-5-M MS		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-5-M MS		460-118941	460-118916	07/07/2012 16:42	1	TAL EDI	HV
A:Moisture	460-41730-D-5 MS		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-5 **Client ID:** SF-29

Sample Date/Time: 06/25/2012 12:04 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-5-C MSD		460-118221	460-117585	06/27/2012 03:09	1	TAL EDI	FJ
A:8260B	460-41730-B-5-C MSD		460-118221	460-117585	07/02/2012 12:32	1	TAL EDI	AT
P:3541	460-41730-E-5-K MSD		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-5-K MSD		460-118966	460-118529	07/06/2012 17:23	1	TAL EDI	AAA
P:3541	460-41730-E-5-H MSD		460-118507	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-5-H MSD		460-118507	460-118074	07/03/2012 09:10	1	TAL EDI	CDC
P:3541	460-41730-E-5-E MSD		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-5-E MSD		460-118309	460-118068	07/01/2012 13:13	1	TAL EDI	CS
P:9012A	460-41730-E-5-N MSD		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-5-N MSD		460-118941	460-118916	07/07/2012 16:44	1	TAL EDI	HV
A:Moisture	460-41730-D-5 MSD		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-5 **Client ID:** SF-29

Sample Date/Time: 06/25/2012 12:04 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41730-A-5-D DU ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-A-5-D DU ^4		460-117763	460-117600	06/27/2012 20:36	4	TAL EDI	CDC
P:7471A	460-41730-A-5-F DU		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-A-5-F DU		460-117692	460-117626	06/27/2012 14:28	1	TAL EDI	RBS

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-5 SD **Client ID:** SF-29

Sample Date/Time: 06/25/2012 12:04 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41730-E-5-A SD ^20		460-117763	460-117600	06/27/2012 07:50	20	TAL EDI	MC
A:6010B	460-41730-E-5-A SD ^20		460-117763	460-117600	06/27/2012 20:43	20	TAL EDI	CDC
P:3050B	460-41730-E-5-A PDS ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-5-A PDS ^4		460-117763	460-117600	06/27/2012 20:50	4	TAL EDI	CDC
P:7471A	460-41730-E-5-B SD ^5		460-117692	460-117626	06/27/2012 10:17	5	TAL EDI	RBS
A:7471A	460-41730-E-5-B SD ^5		460-117692	460-117626	06/27/2012 15:15	5	TAL EDI	RBS

Lab ID: 460-41730-6 **Client ID:** SF-30

Sample Date/Time: 06/25/2012 13:45 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-6-A		460-118221	460-117585	06/27/2012 03:10	1	TAL EDI	FJ
A:8260B	460-41730-B-6-A		460-118221	460-117585	07/02/2012 09:56	1	TAL EDI	AT
P:3541	460-41730-E-6-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-6-E		460-118966	460-118529	07/06/2012 11:19	1	TAL EDI	AAA
P:3541	460-41730-E-6-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-6-D		460-118973	460-118074	07/02/2012 13:37	1	TAL EDI	FM
P:3541	460-41730-E-6-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-6-C		460-118309	460-118068	07/01/2012 14:49	1	TAL EDI	CS
P:3050B	460-41730-E-6-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-6-A ^4		460-117763	460-117600	06/27/2012 21:01	4	TAL EDI	CDC
P:7471A	460-41730-E-6-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-6-B		460-117692	460-117626	06/27/2012 14:50	1	TAL EDI	RBS
P:9012A	460-41730-E-6-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-6-F		460-118941	460-118916	07/07/2012 16:57	1	TAL EDI	HV
A:Moisture	460-41730-D-6		460-118076		06/29/2012 15:55	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-7 **Client ID:** SF-31

Sample Date/Time: 06/26/2012 08:40 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-7-A		460-118221	460-117585	06/27/2012 03:11	1	TAL EDI	FJ
A:8260B	460-41730-B-7-A		460-118221	460-117585	07/02/2012 10:21	1	TAL EDI	AT
P:3541	460-41730-E-7-E		460-118966	460-118529	07/03/2012 19:52	2	TAL EDI	cm
A:8270C	460-41730-E-7-E		460-118966	460-118529	07/06/2012 18:24	2	TAL EDI	AAA
P:3541	460-41730-E-7-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-7-D		460-118973	460-118074	07/02/2012 13:51	1	TAL EDI	FM
P:3541	460-41730-E-7-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-7-C		460-118309	460-118068	07/01/2012 15:05	1	TAL EDI	CS
P:3050B	460-41730-E-7-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-7-A ^4		460-117763	460-117600	06/27/2012 21:04	4	TAL EDI	CDC
P:7471A	460-41730-E-7-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-7-B		460-117692	460-117626	06/27/2012 14:52	1	TAL EDI	RBS
P:9012A	460-41730-E-7-F		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41730-E-7-F		460-119062	460-119056	07/09/2012 13:37	1	TAL EDI	HV
A:Moisture	460-41730-D-7		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-8 **Client ID:** SF-32

Sample Date/Time: 06/26/2012 09:30 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-8-A		460-118221	460-117585	06/27/2012 03:12	1	TAL EDI	FJ
A:8260B	460-41730-B-8-A		460-118221	460-117585	07/02/2012 10:46	1	TAL EDI	AT
P:3541	460-41730-E-8-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-8-E		460-118966	460-118529	07/06/2012 11:39	1	TAL EDI	AAA
P:3541	460-41730-E-8-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-8-D		460-118973	460-118074	07/02/2012 14:05	1	TAL EDI	FM
P:3541	460-41730-E-8-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-8-C		460-118309	460-118068	07/01/2012 15:21	1	TAL EDI	CS
P:3050B	460-41730-E-8-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-8-A ^4		460-117763	460-117600	06/27/2012 21:15	4	TAL EDI	CDC
P:7471A	460-41730-E-8-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-8-B		460-117692	460-117626	06/27/2012 14:54	1	TAL EDI	RBS
P:9012A	460-41730-E-8-F		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41730-E-8-F		460-119062	460-119056	07/09/2012 13:39	1	TAL EDI	HV
A:Moisture	460-41730-D-8		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-9 **Client ID:** SF-33

Sample Date/Time: 06/26/2012 10:15 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-9-A		460-118368	460-117585	06/27/2012 03:13	1	TAL EDI	FJ
A:8260B	460-41730-B-9-A		460-118368	460-117585	07/02/2012 21:48	1	TAL EDI	EM
P:3541	460-41730-E-9-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-9-E		460-118966	460-118529	07/06/2012 11:59	1	TAL EDI	AAA
P:3541	460-41730-E-9-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-9-D		460-118973	460-118074	07/02/2012 14:19	1	TAL EDI	FM
P:3541	460-41730-E-9-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-9-C		460-118309	460-118068	07/01/2012 15:37	1	TAL EDI	CS
P:3050B	460-41730-E-9-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-9-A ^4		460-117763	460-117600	06/27/2012 21:18	4	TAL EDI	CDC
P:7471A	460-41730-E-9-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-9-B		460-117692	460-117626	06/27/2012 15:00	1	TAL EDI	RBS
P:9012A	460-41730-E-9-F		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41730-E-9-F		460-119062	460-119056	07/09/2012 13:34	1	TAL EDI	HV
A:Moisture	460-41730-D-9		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-10 **Client ID:** FD-H

Sample Date/Time: 06/25/2012 00:00 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-10-A		460-118368	460-117585	06/27/2012 03:14	1	TAL EDI	FJ
A:8260B	460-41730-B-10-A		460-118368	460-117585	07/02/2012 22:13	1	TAL EDI	EM
P:3541	460-41730-E-10-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-10-E		460-118966	460-118529	07/06/2012 12:19	1	TAL EDI	AAA
P:3541	460-41730-E-10-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-10-D		460-118973	460-118074	07/02/2012 14:32	1	TAL EDI	FM
P:3541	460-41730-E-10-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-10-C		460-118309	460-118068	07/01/2012 15:53	1	TAL EDI	CS
P:3050B	460-41730-E-10-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-10-A ^4		460-117763	460-117600	06/27/2012 21:22	4	TAL EDI	CDC
P:7471A	460-41730-E-10-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-10-B		460-117692	460-117626	06/27/2012 15:02	1	TAL EDI	RBS
P:9012A	460-41730-E-10-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-10-F		460-118941	460-118916	07/07/2012 16:53	1	TAL EDI	HV
A:Moisture	460-41730-D-10		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-11 **Client ID:** F-17

Sample Date/Time: 06/25/2012 10:38 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-11-A		460-118368	460-117585	06/27/2012 03:14	1	TAL EDI	FJ
A:8260B	460-41730-B-11-A		460-118368	460-117585	07/02/2012 22:38	1	TAL EDI	EM
P:3541	460-41730-E-11-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-11-E		460-118966	460-118529	07/06/2012 12:40	1	TAL EDI	AAA
P:3541	460-41730-E-11-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-11-D		460-118973	460-118074	07/02/2012 14:46	1	TAL EDI	FM
P:3541	460-41730-E-11-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-11-C		460-118309	460-118068	07/01/2012 16:09	1	TAL EDI	CS
P:3050B	460-41730-E-11-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-11-A ^4		460-117763	460-117600	06/27/2012 21:26	4	TAL EDI	CDC
P:7471A	460-41730-E-11-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-11-B		460-117692	460-117626	06/27/2012 15:04	1	TAL EDI	RBS
P:9012A	460-41730-E-11-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-11-F		460-118941	460-118916	07/07/2012 16:54	1	TAL EDI	HV
A:Moisture	460-41730-D-11		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-12 **Client ID:** F-18

Sample Date/Time: 06/25/2012 12:50 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-12-A		460-118368	460-117585	06/27/2012 03:15	1	TAL EDI	FJ
A:8260B	460-41730-B-12-A		460-118368	460-117585	07/02/2012 23:03	1	TAL EDI	EM
P:3541	460-41730-E-12-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-12-E		460-118966	460-118529	07/06/2012 13:00	1	TAL EDI	AAA
P:3541	460-41730-E-12-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-12-D		460-118973	460-118074	07/02/2012 15:00	1	TAL EDI	FM
P:3541	460-41730-E-12-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-12-C		460-118309	460-118068	07/01/2012 16:25	1	TAL EDI	CS
P:3050B	460-41730-E-12-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-12-A ^4		460-117763	460-117600	06/27/2012 21:29	4	TAL EDI	CDC
P:7471A	460-41730-E-12-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-12-B		460-117692	460-117626	06/27/2012 15:06	1	TAL EDI	RBS
P:9012A	460-41730-E-12-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-12-F		460-118941	460-118916	07/07/2012 16:55	1	TAL EDI	HV
A:Moisture	460-41730-D-12		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-12 DU **Client ID:** F-18

Sample Date/Time: 06/25/2012 12:50 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-41730-D-12 DU		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-13 **Client ID:** F-19

Sample Date/Time: 06/25/2012 12:55 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-13-A		460-118368	460-117585	06/27/2012 03:16	1	TAL EDI	FJ
A:8260B	460-41730-B-13-A		460-118368	460-117585	07/02/2012 23:28	1	TAL EDI	EM
P:3541	460-41730-E-13-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-13-E		460-118966	460-118529	07/06/2012 18:44	1	TAL EDI	AAA
P:3541	460-41730-E-13-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-13-D		460-118973	460-118074	07/02/2012 15:14	1	TAL EDI	FM
P:3541	460-41730-E-13-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-13-C		460-118309	460-118068	07/01/2012 16:41	1	TAL EDI	CS
P:3050B	460-41730-E-13-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-13-A ^4		460-117763	460-117600	06/27/2012 21:33	4	TAL EDI	CDC
P:7471A	460-41730-E-13-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-13-B		460-117692	460-117626	06/27/2012 15:08	1	TAL EDI	RBS
P:9012A	460-41730-E-13-F		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-13-F		460-118941	460-118916	07/07/2012 16:56	1	TAL EDI	HV
A:Moisture	460-41730-D-13		460-118076		06/29/2012 15:55	1	TAL EDI	CHA

Lab ID: 460-41730-14 **Client ID:** F-20

Sample Date/Time: 06/25/2012 13:00 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-A-14-A		460-118537	460-117582	06/27/2012 02:13	50	TAL EDI	FJ
A:8260B	460-41730-A-14-A		460-118537	460-117582	07/03/2012 22:45	50	TAL EDI	EM
P:3541	460-41730-E-14-E		460-119055	460-118529	07/03/2012 19:52	2	TAL EDI	cm
A:8270C	460-41730-E-14-E		460-119055	460-118529	07/08/2012 09:43	2	TAL EDI	MC
P:3541	460-41730-E-14-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-14-D		460-118973	460-118074	07/02/2012 15:28	1	TAL EDI	FM
P:3541	460-41730-E-14-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-14-C		460-118309	460-118068	07/01/2012 16:57	1	TAL EDI	CS
P:3050B	460-41730-E-14-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-14-A ^4		460-117763	460-117600	06/27/2012 21:36	4	TAL EDI	CDC
P:7471A	460-41730-E-14-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-14-B		460-117692	460-117626	06/27/2012 15:10	1	TAL EDI	RBS
P:9012A	460-41730-E-14-F		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-14-F		460-118941	460-118918	07/07/2012 16:38	1	TAL EDI	HV
A:Moisture	460-41730-D-14		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-15 **Client ID:** F-21

Sample Date/Time: 06/26/2012 09:20 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-15-A		460-118221	460-117585	06/27/2012 03:18	1	TAL EDI	FJ
A:8260B	460-41730-B-15-A		460-118221	460-117585	07/02/2012 15:52	1	TAL EDI	AT
P:3541	460-41730-E-15-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-15-E		460-118966	460-118529	07/06/2012 13:20	1	TAL EDI	AAA
P:3541	460-41730-E-15-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-15-D		460-118973	460-118074	07/02/2012 15:41	1	TAL EDI	FM
P:3541	460-41730-E-15-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-15-C		460-118309	460-118068	07/01/2012 17:12	1	TAL EDI	CS
P:3050B	460-41730-E-15-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-15-A ^4		460-117763	460-117600	06/27/2012 21:40	4	TAL EDI	CDC
P:7471A	460-41730-E-15-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-15-B		460-117692	460-117626	06/27/2012 15:12	1	TAL EDI	RBS
P:9012A	460-41730-E-15-F		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41730-E-15-F		460-119062	460-119056	07/09/2012 13:38	1	TAL EDI	HV
A:Moisture	460-41730-D-15		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-16 **Client ID:** F-22

Sample Date/Time: 06/26/2012 11:24 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-16-A		460-118221	460-117585	06/27/2012 03:19	1	TAL EDI	FJ
A:8260B	460-41730-B-16-A		460-118221	460-117585	07/02/2012 16:17	1	TAL EDI	AT
P:3541	460-41730-E-16-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-16-E		460-118966	460-118529	07/06/2012 17:43	1	TAL EDI	AAA
P:3541	460-41730-E-16-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-16-D		460-118973	460-118074	07/02/2012 15:55	1	TAL EDI	FM
P:3541	460-41730-E-16-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-16-C		460-118309	460-118068	07/01/2012 17:29	1	TAL EDI	CS
P:3050B	460-41730-E-16-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-16-A ^4		460-117763	460-117600	06/27/2012 21:44	4	TAL EDI	CDC
P:7471A	460-41730-E-16-B		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	460-41730-E-16-B		460-117692	460-117626	06/27/2012 15:13	1	TAL EDI	RBS
P:9012A	460-41730-E-16-F		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41730-E-16-F		460-119062	460-119056	07/09/2012 13:36	1	TAL EDI	HV
A:Moisture	460-41730-D-16		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: **460-41730-17** **Client ID:** **F-23**

Sample Date/Time: 06/26/2012 11:32 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-A-17-A		460-118537	460-117582	06/27/2012 02:14	50	TAL EDI	FJ
A:8260B	460-41730-A-17-A		460-118537	460-117582	07/03/2012 23:08	50	TAL EDI	EM
P:3541	460-41730-E-17-L		460-118849	460-118530	07/03/2012 19:53	2	TAL EDI	cm
A:8270C	460-41730-E-17-L		460-118849	460-118530	07/06/2012 17:23	2	TAL EDI	CZ
P:3541	460-41730-E-17-I		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	460-41730-E-17-I		460-118612	460-118077	07/02/2012 10:19	1	TAL EDI	CS
P:3541	460-41730-E-17-F		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	460-41730-E-17-F		460-118238	460-118069	07/02/2012 06:03	1	TAL EDI	CS
P:3050B	460-41730-A-17-E ^4		460-117861	460-117761	06/28/2012 06:33	4	TAL EDI	MC
A:6010B	460-41730-A-17-E ^4		460-117861	460-117761	06/28/2012 11:26	4	TAL EDI	CDC
P:3050B	460-41730-A-17-E ^10		460-117861	460-117761	06/28/2012 06:33	10	TAL EDI	MC
A:6010B	460-41730-A-17-E ^10		460-117861	460-117761	06/28/2012 13:21	10	TAL EDI	CDC
P:7471A	460-41730-E-17-A		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-17-A		460-117735	460-117715	06/27/2012 20:09	1	TAL EDI	TS
P:9012A	460-41730-E-17-O		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-17-O		460-119244	460-119162	07/10/2012 13:47	1	TAL EDI	HV
A:Moisture	460-41730-D-17		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: **460-41730-17** **Client ID:** **F-23**

Sample Date/Time: 06/26/2012 11:32 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-A-17-B MS		460-118537	460-117582	06/27/2012 03:51	100	TAL EDI	FJ
A:8260B	460-41730-A-17-B MS		460-118537	460-117582	07/03/2012 23:31	100	TAL EDI	EM
P:3541	460-41730-E-17-J MS		460-118849	460-118530	07/03/2012 19:53	2	TAL EDI	cm
A:8270C	460-41730-E-17-J MS		460-118849	460-118530	07/06/2012 17:47	2	TAL EDI	CZ
P:3541	460-41730-E-17-G MS		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	460-41730-E-17-G MS		460-118612	460-118077	07/02/2012 09:51	1	TAL EDI	CS
P:3541	460-41730-E-17-D MS		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	460-41730-E-17-D MS		460-118238	460-118069	07/02/2012 04:27	1	TAL EDI	CS
P:3050B	460-41730-E-17-C MS ^4		460-117861	460-117761	06/28/2012 06:33	4	TAL EDI	MC
A:6010B	460-41730-E-17-C MS ^4		460-117861	460-117761	06/28/2012 11:33	4	TAL EDI	CDC
P:3050B	460-41730-E-17-C MS ^10		460-117861	460-117761	06/28/2012 06:33	10	TAL EDI	MC
A:6010B	460-41730-E-17-C MS ^10		460-117861	460-117761	06/28/2012 13:28	10	TAL EDI	CDC
P:7471A	460-41730-E-17-B MS		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-17-B MS		460-117735	460-117715	06/27/2012 20:13	1	TAL EDI	TS
P:9012A	460-41730-E-17-M MS		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-17-M MS		460-119244	460-119162	07/10/2012 13:45	1	TAL EDI	HV
A:Moisture	460-41730-D-17 MS		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-17 **Client ID:** F-23

Sample Date/Time: 06/26/2012 11:32 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-A-17-C MSD		460-118537	460-117582	06/27/2012 03:51	100	TAL EDI	FJ
A:8260B	460-41730-A-17-C MSD		460-118537	460-117582	07/03/2012 23:55	100	TAL EDI	EM
P:3541	460-41730-E-17-K MSD		460-118849	460-118530	07/03/2012 19:53	2	TAL EDI	cm
A:8270C	460-41730-E-17-K MSD		460-118849	460-118530	07/06/2012 18:10	2	TAL EDI	CZ
P:3541	460-41730-E-17-H MSD		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	460-41730-E-17-H MSD		460-118612	460-118077	07/02/2012 10:05	1	TAL EDI	CS
P:3541	460-41730-E-17-E MSD		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	460-41730-E-17-E MSD		460-118238	460-118069	07/02/2012 04:43	1	TAL EDI	CS
P:9012A	460-41730-E-17-N MSD		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-17-N MSD		460-119244	460-119162	07/10/2012 13:46	1	TAL EDI	HV
A:Moisture	460-41730-D-17 MSD		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-17 **Client ID:** F-23

Sample Date/Time: 06/26/2012 11:32 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41730-A-17-F DU ^4		460-117861	460-117761	06/28/2012 06:33	4	TAL EDI	MC
A:6010B	460-41730-A-17-F DU ^4		460-117861	460-117761	06/28/2012 11:22	4	TAL EDI	CDC
P:3050B	460-41730-A-17-F DU ^10		460-117861	460-117761	06/28/2012 06:33	10	TAL EDI	MC
A:6010B	460-41730-A-17-F DU ^10		460-117861	460-117761	06/28/2012 13:10	10	TAL EDI	CDC
P:7471A	460-41730-A-17-D DU		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-A-17-D DU		460-117735	460-117715	06/27/2012 20:12	1	TAL EDI	TS

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-17 SD **Client ID:** F-23

Sample Date/Time: 06/26/2012 11:32 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41730-A-17-E SD ^20		460-117861	460-117761	06/28/2012 06:33	20	TAL EDI	MC
A:6010B	460-41730-A-17-E SD ^20		460-117861	460-117761	06/28/2012 11:30	20	TAL EDI	CDC
P:3050B	460-41730-A-17-E PDS ^4		460-117861	460-117761	06/28/2012 06:33	4	TAL EDI	MC
A:6010B	460-41730-A-17-E PDS ^4		460-117861	460-117761	06/28/2012 11:37	4	TAL EDI	CDC
P:3050B	460-41730-A-17-E SD ^50		460-117861	460-117761	06/28/2012 06:33	50	TAL EDI	MC
A:6010B	460-41730-A-17-E SD ^50		460-117861	460-117761	06/28/2012 13:25	50	TAL EDI	CDC
P:3050B	460-41730-A-17-E PDS ^10		460-117861	460-117761	06/28/2012 06:33	10	TAL EDI	MC
A:6010B	460-41730-A-17-E PDS ^10		460-117861	460-117761	06/28/2012 13:32	10	TAL EDI	CDC
P:7471A	460-41730-E-17-A SD		460-117735	460-117715	06/27/2012 17:08	5	TAL EDI	TS
A:7471A	460-41730-E-17-A SD		460-117735	460-117715	06/27/2012 21:04	5	TAL EDI	TS

Lab ID: 460-41730-18 **Client ID:** F-24

Sample Date/Time: 06/26/2012 13:10 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-18-A		460-118368	460-117585	06/27/2012 03:21	1	TAL EDI	FJ
A:8260B	460-41730-B-18-A		460-118368	460-117585	07/02/2012 23:53	1	TAL EDI	EM
P:3541	460-41730-E-18-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-18-E		460-118966	460-118529	07/06/2012 16:22	1	TAL EDI	AAA
P:3541	460-41730-E-18-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-18-D		460-118973	460-118074	07/02/2012 16:09	1	TAL EDI	FM
P:3541	460-41730-E-18-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-18-C		460-118309	460-118068	07/01/2012 17:44	1	TAL EDI	CS
P:3050B	460-41730-E-18-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-18-A ^4		460-117763	460-117600	06/27/2012 21:47	4	TAL EDI	CDC
P:7471A	460-41730-E-18-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-18-B		460-117735	460-117715	06/27/2012 20:15	1	TAL EDI	TS
P:9012A	460-41730-E-18-F		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-E-18-F		460-119244	460-119162	07/10/2012 13:51	1	TAL EDI	HV
A:Moisture	460-41730-D-18		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-19 **Client ID:** F-25

Sample Date/Time: 06/26/2012 13:15 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41730-A-19-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-A-19-A ^4		460-117763	460-117600	06/27/2012 21:58	4	TAL EDI	CDC
P:7471A	460-41730-A-19-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-A-19-B		460-117735	460-117715	06/27/2012 20:17	1	TAL EDI	TS
P:9012A	460-41730-A-19-D		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	460-41730-A-19-D		460-119244	460-119162	07/10/2012 13:52	1	TAL EDI	HV
A:Moisture	460-41730-A-19		460-118134		06/30/2012 11:24	1	TAL EDI	SB

Lab ID: 460-41730-20 **Client ID:** F-26

Sample Date/Time: 06/26/2012 13:22 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-20-A		460-118368	460-117585	06/27/2012 04:20	1	TAL EDI	FJ
A:8260B	460-41730-B-20-A		460-118368	460-117585	07/03/2012 00:18	1	TAL EDI	EM
P:3541	460-41730-E-20-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-20-E		460-118966	460-118529	07/06/2012 13:40	1	TAL EDI	AAA
P:3541	460-41730-E-20-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-20-D		460-118973	460-118074	07/02/2012 16:23	1	TAL EDI	FM
P:3541	460-41730-E-20-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-20-C		460-118309	460-118068	07/01/2012 18:16	1	TAL EDI	CS
P:3050B	460-41730-E-20-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-20-A ^4		460-117763	460-117600	06/27/2012 22:01	4	TAL EDI	CDC
P:7471A	460-41730-E-20-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-20-B		460-117735	460-117715	06/27/2012 20:19	1	TAL EDI	TS
P:9012A	460-41730-E-20-H		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-20-H		460-119244	460-119193	07/10/2012 14:20	1	TAL EDI	HV
A:Moisture	460-41730-D-20		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-20 MS **Client ID:** F-26

Sample Date/Time: 06/26/2012 13:22 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-41730-E-20-F MS		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-20-F MS		460-119244	460-119193	07/10/2012 14:18	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: **460-41730-20 MSD** **Client ID:** **F-26**

Sample Date/Time: 06/26/2012 13:22 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-41730-E-20-G MSD		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-20-G MSD		460-119244	460-119193	07/10/2012 14:19	1	TAL EDI	HV

Lab ID: **460-41730-21** **Client ID:** **F-27**

Sample Date/Time: 06/26/2012 13:55 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-21-A		460-118368	460-117585	06/27/2012 04:20	1	TAL EDI	FJ
A:8260B	460-41730-B-21-A		460-118368	460-117585	07/03/2012 00:43	1	TAL EDI	EM
P:3541	460-41730-E-21-D		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-21-D		460-118966	460-118529	07/06/2012 14:01	1	TAL EDI	AAA
P:3541	460-41730-E-21-C		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-21-C		460-118973	460-118074	07/02/2012 16:37	1	TAL EDI	FM
P:3541	460-41730-A-21-B		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-A-21-B		460-118309	460-118068	07/01/2012 18:00	1	TAL EDI	CS
P:3050B	460-41730-E-21-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-21-A ^4		460-117763	460-117600	06/27/2012 22:05	4	TAL EDI	CDC
P:7471A	460-41730-E-21-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-21-B		460-117735	460-117715	06/27/2012 20:21	1	TAL EDI	TS
P:9012A	460-41730-E-21-E		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-21-E		460-119244	460-119193	07/10/2012 14:21	1	TAL EDI	HV
A:Moisture	460-41730-D-21		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: 460-41730-22 **Client ID:** F-28

Sample Date/Time: 06/26/2012 14:20 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-22-A		460-118368	460-117585	06/27/2012 04:20	1	TAL EDI	FJ
A:8260B	460-41730-B-22-A		460-118368	460-117585	07/03/2012 01:08	1	TAL EDI	EM
P:3541	460-41730-E-22-E		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	460-41730-E-22-E		460-118966	460-118529	07/06/2012 14:21	1	TAL EDI	AAA
P:3541	460-41730-E-22-D		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	460-41730-E-22-D		460-118973	460-118074	07/02/2012 16:50	1	TAL EDI	FM
P:3541	460-41730-E-22-C		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	460-41730-E-22-C		460-118309	460-118068	07/01/2012 18:32	1	TAL EDI	CS
P:3050B	460-41730-E-22-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-22-A ^4		460-117763	460-117600	06/27/2012 22:09	4	TAL EDI	CDC
P:7471A	460-41730-E-22-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-22-B		460-117735	460-117715	06/27/2012 20:23	1	TAL EDI	TS
P:9012A	460-41730-E-22-F		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-22-F		460-119244	460-119193	07/10/2012 14:22	1	TAL EDI	HV
A:Moisture	460-41730-D-22		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Lab ID: 460-41730-23 **Client ID:** FD-J

Sample Date/Time: 06/26/2012 00:00 Received Date/Time: 06/26/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41730-B-23-A		460-118368	460-117585	06/27/2012 04:20	1	TAL EDI	FJ
A:8260B	460-41730-B-23-A		460-118368	460-117585	07/03/2012 01:33	1	TAL EDI	EM
P:3541	460-41730-E-23-E		460-118849	460-118530	07/03/2012 19:53	1	TAL EDI	cm
A:8270C	460-41730-E-23-E		460-118849	460-118530	07/06/2012 15:26	1	TAL EDI	CZ
P:3541	460-41730-E-23-D		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	460-41730-E-23-D		460-118612	460-118077	07/02/2012 10:33	1	TAL EDI	CS
P:3541	460-41730-E-23-C		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	460-41730-E-23-C		460-118238	460-118069	07/02/2012 06:19	1	TAL EDI	CS
P:3050B	460-41730-E-23-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	460-41730-E-23-A ^4		460-117763	460-117600	06/27/2012 22:12	4	TAL EDI	CDC
P:7471A	460-41730-E-23-B		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	460-41730-E-23-B		460-117735	460-117715	06/27/2012 20:29	1	TAL EDI	TS
P:9012A	460-41730-E-23-F		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	460-41730-E-23-F		460-119244	460-119193	07/10/2012 14:24	1	TAL EDI	HV
A:Moisture	460-41730-D-23		460-118055		06/29/2012 13:36	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-117746/5		460-117746		06/27/2012 18:48	1	TAL EDI	KB
A:8260B	MB 460-118221/5		460-118221		07/02/2012 07:51	1	TAL EDI	AT
A:8260B	MB 460-118368/5		460-118368		07/02/2012 19:52	1	TAL EDI	EM
A:8260B	MB 460-118537/4		460-118537		07/03/2012 22:17	50	TAL EDI	EM
P:3541	MB 460-118529/1-A		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	MB 460-118529/1-A		460-118966	460-118529	07/06/2012 10:12	1	TAL EDI	AAA
P:3541	MB 460-118530/1-A		460-118849	460-118530	07/03/2012 19:53	1	TAL EDI	cm
A:8270C	MB 460-118530/1-A		460-118849	460-118530	07/06/2012 11:06	1	TAL EDI	CZ
P:3541	MB 460-118077/1-A		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	MB 460-118077/1-A		460-118612	460-118077	07/02/2012 14:43	1	TAL EDI	CS
P:3541	MB 460-118074/1-A		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	MB 460-118074/1-A		460-118973	460-118074	07/02/2012 17:04	1	TAL EDI	FM
P:3541	MB 460-118068/1-A		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	MB 460-118068/1-A		460-118309	460-118068	07/01/2012 12:25	1	TAL EDI	CS
P:3541	MB 460-118069/1-A		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	MB 460-118069/1-A		460-118238	460-118069	07/02/2012 03:55	1	TAL EDI	CS
P:3050B	MB 460-117597/1-A ^2		460-117763	460-117597	06/27/2012 07:39	2	TAL EDI	MC
A:6010B	MB 460-117597/1-A ^2		460-117763	460-117597	06/27/2012 19:06	2	TAL EDI	CDC
P:3050B	MB 460-117600/1-A ^2		460-117763	460-117600	06/27/2012 07:50	2	TAL EDI	MC
A:6010B	MB 460-117600/1-A ^2		460-117763	460-117600	06/27/2012 20:32	2	TAL EDI	CDC
P:3050B	MB 460-117761/1-A ^2		460-117861	460-117761	06/28/2012 06:33	2	TAL EDI	MC
A:6010B	MB 460-117761/1-A ^2		460-117861	460-117761	06/28/2012 11:54	2	TAL EDI	CDC
P:7471A	MB 460-117626/1-A		460-117692	460-117626	06/27/2012 10:17	1	TAL EDI	RBS
A:7471A	MB 460-117626/1-A		460-117692	460-117626	06/27/2012 14:22	1	TAL EDI	RBS
P:7471A	MB 460-117715/10-A		460-117735	460-117715	06/27/2012 17:08	1	TAL EDI	TS
A:7471A	MB 460-117715/10-A		460-117735	460-117715	06/27/2012 20:05	1	TAL EDI	TS
P:9012A	MB 460-118918/1-A		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	MB 460-118918/1-A		460-118941	460-118918	07/07/2012 16:28	1	TAL EDI	HV
P:9012A	MB 460-118916/1-A		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	MB 460-118916/1-A		460-118941	460-118916	07/07/2012 16:39	1	TAL EDI	HV
P:9012A	MB 460-119056/1-A		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	MB 460-119056/1-A		460-119062	460-119056	07/09/2012 13:25	1	TAL EDI	HV
P:9012A	MB 460-119162/1-A		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	MB 460-119162/1-A		460-119244	460-119162	07/10/2012 13:41	1	TAL EDI	HV
P:9012A	MB 460-119193/1-A		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	MB 460-119193/1-A		460-119244	460-119193	07/10/2012 14:12	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: LB3 **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:5035	LB3 460-117585/1-A		460-117746	460-117585	06/27/2012 03:03	1	TAL EDI	FJ
A:8260B	LB3 460-117585/1-A		460-117746	460-117585	06/27/2012 22:07	1	TAL EDI	KB

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-117746/3		460-117746		06/27/2012 17:32	1	TAL EDI	KB
A:8260B	LCS 460-118221/3		460-118221		07/02/2012 05:18	1	TAL EDI	AT
A:8260B	LCS 460-118368/3		460-118368		07/02/2012 17:54	1	TAL EDI	EM
A:8260B	LCS 460-118537/3		460-118537		07/03/2012 20:56	50	TAL EDI	EM
P:3541	LCS 460-118529/2-A		460-118966	460-118529	07/03/2012 19:52	1	TAL EDI	cm
A:8270C	LCS 460-118529/2-A		460-118966	460-118529	07/06/2012 09:52	1	TAL EDI	AAA
P:3541	LCS 460-118530/2-A		460-118849	460-118530	07/03/2012 19:53	1	TAL EDI	cm
A:8270C	LCS 460-118530/2-A		460-118849	460-118530	07/06/2012 10:19	1	TAL EDI	CZ
P:3541	LCS 460-118077/2-A		460-118612	460-118077	06/29/2012 16:02	1	TAL EDI	ARA
A:8081A	LCS 460-118077/2-A		460-118612	460-118077	07/02/2012 09:38	1	TAL EDI	CS
P:3541	LCS 460-118074/2-A		460-118973	460-118074	06/29/2012 15:51	1	TAL EDI	ARA
A:8081A	LCS 460-118074/2-A		460-118973	460-118074	07/02/2012 11:47	1	TAL EDI	FM
P:3541	LCS 460-118068/2-A		460-118309	460-118068	06/29/2012 15:34	1	TAL EDI	ARA
A:8082	LCS 460-118068/2-A		460-118309	460-118068	07/01/2012 12:41	1	TAL EDI	CS
P:3541	LCS 460-118069/2-A		460-118238	460-118069	06/29/2012 15:42	1	TAL EDI	ARA
A:8082	LCS 460-118069/2-A		460-118238	460-118069	07/02/2012 04:11	1	TAL EDI	CS

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-117746/4		460-117746		06/27/2012 17:57	1	TAL EDI	KB
A:8260B	LCSD 460-118368/4		460-118368		07/02/2012 18:19	1	TAL EDI	EM

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: LCSSRM **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:3050B	LCSSRM 460-117597/2-A ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	LCSSRM 460-117597/2-A ^4		460-117763	460-117597	06/27/2012 18:56	4	TAL EDI	CDC
P:3050B	LCSSRM 460-117600/2-A ^4		460-117763	460-117600	06/27/2012 07:50	4	TAL EDI	MC
A:6010B	LCSSRM 460-117600/2-A ^4		460-117763	460-117600	06/27/2012 20:21	4	TAL EDI	CDC
P:3050B	LCSSRM 460-117761/2-A ^4		460-117861	460-117761	06/28/2012 06:33	4	TAL EDI	MC
A:6010B	LCSSRM 460-117761/2-A ^4		460-117861	460-117761	06/28/2012 11:44	4	TAL EDI	CDC
P:7471A	LCSSRM 460-117626/2-A ^20		460-117692	460-117626	06/27/2012 10:17	20	TAL EDI	RBS
A:7471A	LCSSRM 460-117626/2-A ^20		460-117692	460-117626	06/27/2012 14:24	20	TAL EDI	RBS
P:7471A	LCSSRM 460-117715/11-A ^10		460-117735	460-117715	06/27/2012 17:08	10	TAL EDI	TS
A:7471A	LCSSRM 460-117715/11-A ^10		460-117735	460-117715	06/27/2012 20:07	10	TAL EDI	TS

Lab ID: LLCS **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:9012A	LLCS 460-118918/2-A		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	LLCS 460-118918/2-A		460-118941	460-118918	07/07/2012 16:29	1	TAL EDI	HV
P:9012A	LLCS 460-118916/2-A		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	LLCS 460-118916/2-A		460-118941	460-118916	07/07/2012 16:40	1	TAL EDI	HV
P:9012A	LLCS 460-119056/2-A		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	LLCS 460-119056/2-A		460-119062	460-119056	07/09/2012 13:26	1	TAL EDI	HV
P:9012A	LLCS 460-119162/2-A		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	LLCS 460-119162/2-A		460-119244	460-119162	07/10/2012 13:43	1	TAL EDI	HV
P:9012A	LLCS 460-119193/2-A		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	LLCS 460-119193/2-A		460-119244	460-119193	07/10/2012 14:13	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: HLCS **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:9012A	HLCS 460-118918/3-A		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	HLCS 460-118918/3-A		460-118941	460-118918	07/07/2012 16:30	1	TAL EDI	HV
P:9012A	HLCS 460-118916/3-A		460-118941	460-118916	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	HLCS 460-118916/3-A		460-118941	460-118916	07/07/2012 16:41	1	TAL EDI	HV
P:9012A	HLCS 460-119056/3-A		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	HLCS 460-119056/3-A		460-119062	460-119056	07/09/2012 13:30	1	TAL EDI	HV
P:9012A	HLCS 460-119162/3-A		460-119244	460-119162	07/10/2012 06:30	1	TAL EDI	IA
A:9012A	HLCS 460-119162/3-A		460-119244	460-119162	07/10/2012 13:44	1	TAL EDI	HV
P:9012A	HLCS 460-119193/3-A		460-119244	460-119193	07/10/2012 10:00	1	TAL EDI	IA
A:9012A	HLCS 460-119193/3-A		460-119244	460-119193	07/10/2012 14:14	1	TAL EDI	HV

Lab ID: MS **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:3050B	460-41706-B-2-G MS ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	460-41706-B-2-G MS ^4		460-117763	460-117597	06/27/2012 18:45	4	TAL EDI	CDC
P:9012A	460-41709-E-5-E MS		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41709-E-5-E MS		460-118941	460-118918	07/07/2012 16:31	1	TAL EDI	HV
P:9012A	460-41733-A-1-J MS		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41733-A-1-J MS		460-119062	460-119056	07/09/2012 13:31	1	TAL EDI	HV

Lab ID: MSD **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:9012A	460-41709-E-5-F MSD		460-118941	460-118918	07/07/2012 06:30	1	TAL EDI	IA
A:9012A	460-41709-E-5-F MSD		460-118941	460-118918	07/07/2012 16:35	1	TAL EDI	HV
P:9012A	460-41733-A-1-K MSD		460-119062	460-119056	07/09/2012 09:30	1	TAL EDI	IA
A:9012A	460-41733-A-1-K MSD		460-119062	460-119056	07/09/2012 13:32	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Laboratory Chronicle

Lab ID: DU **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:3050B	460-41706-B-2-F DU ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	460-41706-B-2-F DU ^4		460-117763	460-117597	06/27/2012 18:34	4	TAL EDI	CDC
A:Moisture	460-41789-A-13 DU		460-118076		06/29/2012 15:55	1	TAL EDI	CHA
A:Moisture	460-41843-A-1 DU		460-118134		06/30/2012 11:24	1	TAL EDI	SB

Lab ID: SD **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:3050B	460-41706-B-2-E SD ^20		460-117763	460-117597	06/27/2012 07:39	20	TAL EDI	MC
A:6010B	460-41706-B-2-E SD ^20		460-117763	460-117597	06/27/2012 18:41	20	TAL EDI	CDC
P:3050B	460-41706-B-2-E PDS ^4		460-117763	460-117597	06/27/2012 07:39	4	TAL EDI	MC
A:6010B	460-41706-B-2-E PDS ^4		460-117763	460-117597	06/27/2012 18:48	4	TAL EDI	CDC

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SL-10	460-41730-1	112	95	98
SF-26	460-41730-2	112	93	98
SF-27	460-41730-3	127	105	108
SF-28	460-41730-4	108	94	97
SF-29	460-41730-5	109	93	100
SF-30	460-41730-6	110	96	97
SF-31	460-41730-7	115	92	98
SF-32	460-41730-8	122	96	103
SF-33	460-41730-9	106	95	101
FD-H	460-41730-10	113	96	102
F-17	460-41730-11	87	75	80
F-18	460-41730-12	110	96	101
F-19	460-41730-13	108	94	102
F-21	460-41730-15	110	93	99
F-22	460-41730-16	115	93	102
F-24	460-41730-18	113	94	99
F-26	460-41730-20	109	95	102
F-27	460-41730-21	105	95	99
F-28	460-41730-22	108	96	102
FD-J	460-41730-23	107	97	100
	MB 460-117746/5	120	98	100
	MB 460-118221/5	108	94	99
	MB 460-118368/5	106	95	98
	LB3 460-117585/1-A	106	99	98
	LCS 460-117746/3	103	97	100
	LCS 460-118221/3	100	96	103
	LCS 460-118368/3	105	94	100
	LCSD 460-117746/4	104	97	101
	LCSD 460-118368/4	104	96	101
SF-29 MS	460-41730-5 MS	110	94	103
SF-29 MSD	460-41730-5 MSD	102	95	104

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
F-20	460-41730-14	98	89	90
F-23	460-41730-17	97	85	84
	MB 460-118537/4	107	106	104
	LCS 460-118537/3	106	107	104
F-23 MS	460-41730-17 MS	93	89	85
F-23 MSD	460-41730-17 MSD	93	89	84

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61602.d

Lab ID: LCS 460-117746/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.2	111	78-117	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	79-122	
1,1,2-Trichloroethane	20.0	17.8	89	73-118	
1,1-Dichloroethane	20.0	20.9	105	76-125	
1,1-Dichloroethene	20.0	21.6	108	71-126	
1,2,3-Trichlorobenzene	20.0	19.7	99	75-121	
1,2,4-Trichlorobenzene	20.0	20.4	102	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	74-118	
1,2-Dibromoethane	20.0	18.1	91	75-117	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,2-Dichloroethane	20.0	20.7	104	76-118	
1,2-Dichloropropane	20.0	19.7	99	82-122	
1,3-Dichlorobenzene	20.0	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dioxane	150	157	105	69-131	
2-Butanone	20.0	16.9	85	77-117	
2-Hexanone	20.0	16.9	84	70-122	
4-Methyl-2-pentanone	20.0	18.7	93	68-120	
Acetone	20.0	24.1	121	27-164	
Benzene	20.0	20.3	102	77-117	
Bromochloromethane	20.0	24.4	122	74-125	
Bromodichloromethane	20.0	21.3	107	79-119	
Bromoform	20.0	17.4	87	59-125	
Bromomethane	20.0	23.7	119	54-142	
Carbon disulfide	20.0	20.7	104	72-128	
Carbon tetrachloride	20.0	21.7	109	79-118	
Chlorobenzene	20.0	19.4	97	80-120	
Chloroethane	20.0	22.2	111	56-146	
Chloroform	20.0	21.8	109	77-120	
Chloromethane	20.0	27.2	136	50-151	
cis-1,2-Dichloroethene	20.0	21.2	106	80-120	
cis-1,3-Dichloropropene	20.0	20.0	100	80-123	
Cyclohexane	20.0	21.3	107	80-121	
Dibromochloromethane	20.0	16.5	82	68-120	
Dichlorodifluoromethane	20.0	24.4	122	52-144	
Ethylbenzene	20.0	20.4	102	81-121	
Freon TF	20.0	21.9	110	73-123	
Isopropylbenzene	20.0	20.2	101	65-129	
Methyl acetate	20.0	20.0	100	73-137	
Methylcyclohexane	20.0	20.9	105	78-118	
Methylene Chloride	20.0	25.4	127	74-137	
MTBE	20.0	19.1	96	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61602.d

Lab ID: LCS 460-117746/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.7	98	82-122	
Tetrachloroethene	20.0	21.0	105	80-120	
Toluene	20.0	18.8	94	75-115	
trans-1,2-Dichloroethene	20.0	21.7	108	75-122	
trans-1,3-Dichloropropene	20.0	14.6	73	67-121	
Trichloroethene	20.0	20.6	103	79-119	
Trichlorofluoromethane	20.0	22.5	112	61-139	
Vinyl chloride	20.0	22.9	114	67-133	
Xylenes, Total	60.0	58.7	98	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61780.d

Lab ID: LCS 460-118221/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.9	109	78-117	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	79-122	
1,1,2-Trichloroethane	20.0	18.9	95	73-118	
1,1-Dichloroethane	20.0	19.6	98	76-125	
1,1-Dichloroethene	20.0	20.6	103	71-126	
1,2,3-Trichlorobenzene	20.0	19.7	99	75-121	
1,2,4-Trichlorobenzene	20.0	19.5	98	80-120	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	74-118	
1,2-Dibromoethane	20.0	21.0	105	75-117	
1,2-Dichlorobenzene	20.0	19.4	97	80-120	
1,2-Dichloroethane	20.0	20.7	104	76-118	
1,2-Dichloropropane	20.0	20.2	101	82-122	
1,3-Dichlorobenzene	20.0	19.4	97	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	80-120	
1,4-Dioxane	150	149	99	69-131	
2-Butanone	20.0	22.1	110	77-117	
2-Hexanone	20.0	18.3	91	70-122	
4-Methyl-2-pentanone	20.0	22.1	110	68-120	
Acetone	20.0	28.7	144	27-164	
Benzene	20.0	21.9	110	77-117	
Bromochloromethane	20.0	24.7	124	74-125	
Bromodichloromethane	20.0	21.2	106	79-119	
Bromoform	20.0	19.7	98	59-125	
Bromomethane	20.0	21.5	107	54-142	
Carbon disulfide	20.0	19.9	100	72-128	
Carbon tetrachloride	20.0	22.8	114	79-118	
Chlorobenzene	20.0	20.1	100	80-120	
Chloroethane	20.0	19.7	98	56-146	
Chloroform	20.0	20.8	104	77-120	
Chloromethane	20.0	24.5	123	50-151	
cis-1,2-Dichloroethene	20.0	21.0	105	80-120	
cis-1,3-Dichloropropene	20.0	21.5	108	80-123	
Cyclohexane	20.0	21.2	106	80-121	
Dibromochloromethane	20.0	17.9	90	68-120	
Dichlorodifluoromethane	20.0	21.3	107	52-144	
Ethylbenzene	20.0	20.8	104	81-121	
Freon TF	20.0	22.6	113	73-123	
Isopropylbenzene	20.0	20.4	102	65-129	
Methyl acetate	20.0	23.2	116	73-137	
Methylcyclohexane	20.0	22.8	114	78-118	
Methylene Chloride	20.0	24.0	120	74-137	
MTBE	20.0	21.4	107	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61780.d

Lab ID: LCS 460-118221/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.9	99	82-122	
Tetrachloroethene	20.0	23.2	116	80-120	
Toluene	20.0	19.6	98	75-115	
trans-1,2-Dichloroethene	20.0	21.3	106	75-122	
trans-1,3-Dichloropropene	20.0	16.9	84	67-121	
Trichloroethene	20.0	23.1	115	79-119	
Trichlorofluoromethane	20.0	20.3	101	61-139	
Vinyl chloride	20.0	20.8	104	67-133	
Xylenes, Total	60.0	59.5	99	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61808.d

Lab ID: LCS 460-118368/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.6	108	78-117	
1,1,2,2-Tetrachloroethane	20.0	17.3	86	79-122	
1,1,2-Trichloroethane	20.0	18.2	91	73-118	
1,1-Dichloroethane	20.0	21.2	106	76-125	
1,1-Dichloroethene	20.0	20.1	100	71-126	
1,2,3-Trichlorobenzene	20.0	20.8	104	75-121	
1,2,4-Trichlorobenzene	20.0	20.7	103	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.4	82	74-118	
1,2-Dibromoethane	20.0	20.0	100	75-117	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,2-Dichloroethane	20.0	22.0	110	76-118	
1,2-Dichloropropane	20.0	20.2	101	82-122	
1,3-Dichlorobenzene	20.0	19.5	97	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
1,4-Dioxane	150	149	99	69-131	
2-Butanone	20.0	20.2	101	77-117	
2-Hexanone	20.0	15.9	79	70-122	
4-Methyl-2-pentanone	20.0	19.2	96	68-120	
Acetone	20.0	26.5	133	27-164	
Benzene	20.0	21.1	106	77-117	
Bromochloromethane	20.0	27.3	137	74-125	*
Bromodichloromethane	20.0	23.0	115	79-119	
Bromoform	20.0	19.5	98	59-125	
Bromomethane	20.0	22.7	114	54-142	
Carbon disulfide	20.0	19.1	95	72-128	
Carbon tetrachloride	20.0	22.0	110	79-118	
Chlorobenzene	20.0	20.0	100	80-120	
Chloroethane	20.0	21.0	105	56-146	
Chloroform	20.0	22.9	115	77-120	
Chloromethane	20.0	25.8	129	50-151	
cis-1,2-Dichloroethene	20.0	22.4	112	80-120	
cis-1,3-Dichloropropene	20.0	20.9	104	80-123	
Cyclohexane	20.0	18.1	90	80-121	
Dibromochloromethane	20.0	18.2	91	68-120	
Dichlorodifluoromethane	20.0	20.0	100	52-144	
Ethylbenzene	20.0	20.4	102	81-121	
Freon TF	20.0	19.9	100	73-123	
Isopropylbenzene	20.0	19.4	97	65-129	
Methyl acetate	20.0	23.6	118	73-137	
Methylcyclohexane	20.0	18.7	94	78-118	
Methylene Chloride	20.0	27.1	136	74-137	
MTBE	20.0	20.4	102	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61808.d

Lab ID: LCS 460-118368/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	20.0	100	82-122	
Tetrachloroethene	20.0	20.8	104	80-120	
Toluene	20.0	19.0	95	75-115	
trans-1,2-Dichloroethene	20.0	21.9	109	75-122	
trans-1,3-Dichloropropene	20.0	15.3	76	67-121	
Trichloroethene	20.0	21.6	108	79-119	
Trichlorofluoromethane	20.0	19.4	97	61-139	
Vinyl chloride	20.0	20.7	103	67-133	
Xylenes, Total	60.0	58.5	97	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05037.d

Lab ID: LCS 460-118537/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	2000	100	78-118	
1,1,2,2-Tetrachloroethane	2000	2070	103	86-145	
1,1,2-Trichloroethane	2000	2080	104	77-120	
1,1-Dichloroethane	2000	1920	96	79-119	
1,1-Dichloroethene	2000	2030	102	68-138	
1,2,3-Trichlorobenzene	2000	2190	109	36-207	
1,2,4-Trichlorobenzene	2000	2120	106	62-144	
1,2-Dibromo-3-Chloropropane	2000	2240	112	62-127	
1,2-Dibromoethane	2000	2100	105	76-120	
1,2-Dichlorobenzene	2000	2080	104	83-123	
1,2-Dichloroethane	2000	2080	104	81-121	
1,2-Dichloropropane	2000	2070	103	78-118	
1,3-Dichlorobenzene	2000	2070	104	83-123	
1,4-Dichlorobenzene	2000	2050	102	84-124	
1,4-Dioxane	15000	16800	112	54-147	
2-Butanone	2000	2130	106	70-139	
2-Hexanone	2000	2310	116	62-123	
4-Methyl-2-pentanone	2000	2190	110	69-124	
Acetone	2000	2050	103	48-177	
Benzene	2000	2070	104	71-118	
Bromochloromethane	2000	2120	106	81-121	
Bromodichloromethane	2000	2050	102	78-118	
Bromoform	2000	2040	102	76-133	
Bromomethane	2000	2090	104	58-154	
Carbon disulfide	2000	1950	98	70-120	
Carbon tetrachloride	2000	2090	104	64-130	
Chlorobenzene	2000	2060	103	69-124	
Chloroethane	2000	1840	92	66-144	
Chloroform	2000	2050	103	81-122	
Chloromethane	2000	2100	105	52-144	
cis-1,2-Dichloroethene	2000	2130	107	78-118	
cis-1,3-Dichloropropene	2000	2010	100	75-120	
Cyclohexane	2000	2160	108	69-128	
Dibromochloromethane	2000	2050	103	78-118	
Dichlorodifluoromethane	2000	2160	108	41-149	
Ethylbenzene	2000	2160	108	78-124	
Freon TF	2000	2020	101	50-128	
Isopropylbenzene	2000	2110	105	80-143	
Methyl acetate	2000	2240	112	72-165	
Methylcyclohexane	2000	2120	106	80-134	
Methylene Chloride	2000	2020	101	78-118	
MTBE	2000	2030	102	65-143	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05037.d

Lab ID: LCS 460-118537/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Styrene	2000	2130	106	73-126	
Tetrachloroethene	2000	2090	104	78-136	
Toluene	2000	2040	102	79-136	
trans-1,2-Dichloroethene	2000	1950	97	73-119	
trans-1,3-Dichloropropene	2000	2100	105	73-118	
Trichloroethene	2000	2100	105	82-122	
Trichlorofluoromethane	2000	2150	108	60-148	
Vinyl chloride	2000	2110	106	55-154	
Xylenes, Total	6000	6710	112	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61603.d

Lab ID: LCSD 460-117746/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.0	115	3	30	78-117	
1,1,2,2-Tetrachloroethane	20.0	18.3	92	6	30	79-122	
1,1,2-Trichloroethane	20.0	19.2	96	8	30	73-118	
1,1-Dichloroethane	20.0	21.1	105	1	30	76-125	
1,1-Dichloroethene	20.0	21.7	108	0	30	71-126	
1,2,3-Trichlorobenzene	20.0	20.1	100	2	30	75-121	
1,2,4-Trichlorobenzene	20.0	20.9	105	3	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	3	30	74-118	
1,2-Dibromoethane	20.0	19.6	98	8	30	75-117	
1,2-Dichlorobenzene	20.0	20.3	101	3	30	80-120	
1,2-Dichloroethane	20.0	21.3	106	3	30	76-118	
1,2-Dichloropropane	20.0	20.5	103	4	30	82-122	
1,3-Dichlorobenzene	20.0	20.0	100	4	30	80-120	
1,4-Dichlorobenzene	20.0	19.9	99	6	30	80-120	
1,4-Dioxane	150	137	91	14	30	69-131	
2-Butanone	20.0	16.5	83	2	30	77-117	
2-Hexanone	20.0	16.5	82	3	30	70-122	
4-Methyl-2-pentanone	20.0	18.1	90	3	30	68-120	
Acetone	20.0	25.0	125	4	30	27-164	
Benzene	20.0	21.1	106	4	30	77-117	
Bromochloromethane	20.0	25.9	130	6	30	74-125	*
Bromodichloromethane	20.0	21.6	108	1	30	79-119	
Bromoform	20.0	18.0	90	4	30	59-125	
Bromomethane	20.0	22.9	115	3	30	54-142	
Carbon disulfide	20.0	20.2	101	3	30	72-128	
Carbon tetrachloride	20.0	22.6	113	4	30	79-118	
Chlorobenzene	20.0	20.5	103	5	30	80-120	
Chloroethane	20.0	21.9	109	2	30	56-146	
Chloroform	20.0	22.0	110	1	30	77-120	
Chloromethane	20.0	26.3	131	3	30	50-151	
cis-1,2-Dichloroethene	20.0	21.7	108	2	30	80-120	
cis-1,3-Dichloropropene	20.0	21.2	106	6	30	80-123	
Cyclohexane	20.0	20.9	105	2	30	80-121	
Dibromochloromethane	20.0	17.3	86	5	30	68-120	
Dichlorodifluoromethane	20.0	24.2	121	1	30	52-144	
Ethylbenzene	20.0	20.7	103	2	30	81-121	
Freon TF	20.0	22.2	111	1	30	73-123	
Isopropylbenzene	20.0	21.1	105	4	30	65-129	
Methyl acetate	20.0	20.1	100	0	30	73-137	
Methylcyclohexane	20.0	20.7	103	1	30	78-118	
Methylene Chloride	20.0	26.5	133	4	30	74-137	
MTBE	20.0	19.2	96	0	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61603.d

Lab ID: LCSD 460-117746/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	20.3	102	3	30	82-122	
Tetrachloroethene	20.0	21.9	110	4	30	80-120	
Toluene	20.0	19.9	99	5	30	75-115	
trans-1,2-Dichloroethene	20.0	22.8	114	5	30	75-122	
trans-1,3-Dichloropropene	20.0	15.6	78	6	30	67-121	
Trichloroethene	20.0	22.1	111	7	30	79-119	
Trichlorofluoromethane	20.0	22.5	112	0	30	61-139	
Vinyl chloride	20.0	22.6	113	1	30	67-133	
Xylenes, Total	60.0	60.4	101	3	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61809.d

Lab ID: LCSD 460-118368/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.2	111	3	30	78-117	
1,1,2,2-Tetrachloroethane	20.0	17.1	85	1	30	79-122	
1,1,2-Trichloroethane	20.0	18.6	93	2	30	73-118	
1,1-Dichloroethane	20.0	20.8	104	2	30	76-125	
1,1-Dichloroethene	20.0	20.8	104	3	30	71-126	
1,2,3-Trichlorobenzene	20.0	20.5	102	2	30	75-121	
1,2,4-Trichlorobenzene	20.0	21.0	105	1	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.0	80	2	30	74-118	
1,2-Dibromoethane	20.0	19.6	98	2	30	75-117	
1,2-Dichlorobenzene	20.0	19.6	98	1	30	80-120	
1,2-Dichloroethane	20.0	21.7	108	1	30	76-118	
1,2-Dichloropropane	20.0	20.5	102	1	30	82-122	
1,3-Dichlorobenzene	20.0	19.0	95	3	30	80-120	
1,4-Dichlorobenzene	20.0	18.9	94	1	30	80-120	
1,4-Dioxane	150	166	111	11	30	69-131	
2-Butanone	20.0	17.8	89	12	30	77-117	
2-Hexanone	20.0	16.6	83	4	30	70-122	
4-Methyl-2-pentanone	20.0	17.9	89	7	30	68-120	
Acetone	20.0	26.3	131	1	30	27-164	
Benzene	20.0	21.4	107	1	30	77-117	
Bromochloromethane	20.0	26.8	134	2	30	74-125	*
Bromodichloromethane	20.0	23.0	115	0	30	79-119	
Bromoform	20.0	18.7	94	4	30	59-125	
Bromomethane	20.0	21.9	110	3	30	54-142	
Carbon disulfide	20.0	19.4	97	1	30	72-128	
Carbon tetrachloride	20.0	22.4	112	2	30	79-118	
Chlorobenzene	20.0	20.1	101	0	30	80-120	
Chloroethane	20.0	20.8	104	1	30	56-146	
Chloroform	20.0	21.8	109	5	30	77-120	
Chloromethane	20.0	25.6	128	0	30	50-151	
cis-1,2-Dichloroethene	20.0	22.4	112	0	30	80-120	
cis-1,3-Dichloropropene	20.0	21.9	110	5	30	80-123	
Cyclohexane	20.0	18.6	93	3	30	80-121	
Dibromochloromethane	20.0	17.5	87	4	30	68-120	
Dichlorodifluoromethane	20.0	20.5	103	2	30	52-144	
Ethylbenzene	20.0	19.8	99	3	30	81-121	
Freon TF	20.0	21.3	106	6	30	73-123	
Isopropylbenzene	20.0	19.7	98	2	30	65-129	
Methyl acetate	20.0	23.8	119	1	30	73-137	
Methylcyclohexane	20.0	19.6	98	4	30	78-118	
Methylene Chloride	20.0	26.8	134	1	30	74-137	
MTBE	20.0	20.4	102	0	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61809.d

Lab ID: LCSD 460-118368/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	19.7	98	2	30	82-122	
Tetrachloroethene	20.0	21.2	106	2	30	80-120	
Toluene	20.0	19.0	95	0	30	75-115	
trans-1,2-Dichloroethene	20.0	22.1	111	1	30	75-122	
trans-1,3-Dichloropropene	20.0	15.7	79	3	30	67-121	
Trichloroethene	20.0	21.8	109	1	30	79-119	
Trichlorofluoromethane	20.0	19.7	98	2	30	61-139	
Vinyl chloride	20.0	20.5	102	1	30	67-133	
Xylenes, Total	60.0	58.7	98	0	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61794.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	21.8	0.14 U	22.7	104	78-117	
1,1,2,2-Tetrachloroethane	21.8	0.098 U	17.3	79	79-122	
1,1,2-Trichloroethane	21.8	0.15 U	19.0	87	73-118	
1,1-Dichloroethane	21.8	0.12 U	22.1	101	76-125	
1,1-Dichloroethene	21.8	0.21 U	22.3	102	71-126	
1,2,3-Trichlorobenzene	21.8	0.17 U	14.0	64	75-121	F
1,2,4-Trichlorobenzene	21.8	0.21 U	13.9	64	80-120	F
1,2-Dibromo-3-Chloropropane	21.8	0.48 U	15.1	69	74-118	F
1,2-Dibromoethane	21.8	0.16 U	19.1	88	75-117	
1,2-Dichlorobenzene	21.8	0.11 U	16.7	76	80-120	F
1,2-Dichloroethane	21.8	0.20 U	21.7	100	76-118	
1,2-Dichloropropane	21.8	0.16 U	21.1	97	82-122	
1,3-Dichlorobenzene	21.8	0.17 U	16.2	74	80-120	F
1,4-Dichlorobenzene	21.8	0.12 U	16.2	74	80-120	F
1,4-Dioxane	164	14 U	189	116	69-131	
2-Butanone	21.8	3.4 J	25.1	99	77-117	
2-Hexanone	21.8	0.14 U	15.8	72	70-122	
4-Methyl-2-pentanone	21.8	0.22 U	20.0	89	68-120	
Acetone	21.8	16	39.6	107	27-164	
Benzene	21.8	0.16 U	21.4	98	77-117	
Bromochloromethane	21.8	0.12 U	26.7	122	74-125	
Bromodichloromethane	21.8	0.35 U	22.2	102	79-119	
Bromoform	21.8	0.19 U	17.5	80	59-125	
Bromomethane	21.8	0.47 U	20.0	92	54-142	
Carbon disulfide	21.8	0.19 J	15.6	71	72-128	F
Carbon tetrachloride	21.8	0.16 U	21.1	97	79-118	
Chlorobenzene	21.8	0.20 U	18.7	86	80-120	
Chloroethane	21.8	0.36 U	21.4	98	56-146	
Chloroform	21.8	0.26 U	23.6	108	77-120	
Chloromethane	21.8	0.17 U	23.0	105	50-151	
cis-1,2-Dichloroethene	21.8	0.12 U	21.6	99	80-120	
cis-1,3-Dichloropropene	21.8	0.15 U	19.0	87	80-123	
Cyclohexane	21.8	0.14 U	18.3	84	80-121	
Dibromochloromethane	21.8	0.11 U	16.4	75	68-120	
Dichlorodifluoromethane	21.8	0.24 U	18.8	86	52-144	
Ethylbenzene	21.8	0.19 U	18.9	87	81-121	
Freon TF	21.8	0.12 U	24.0	110	73-123	
Isopropylbenzene	21.8	0.12 U	18.1	83	65-129	
Methyl acetate	21.8	0.35 U	48.3	221	73-137	F
Methylcyclohexane	21.8	0.11 U	16.7	76	78-118	F
Methylene Chloride	21.8	1.2	26.2	115	74-137	
MTBE	21.8	0.12 U	21.0	96	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61794.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Styrene	21.8	0.31 U	17.8	81	82-122	F
Tetrachloroethene	21.8	0.13 U	19.3	88	80-120	
Toluene	21.8	0.28 J	18.1	81	75-115	
trans-1,2-Dichloroethene	21.8	0.14 U	20.9	96	75-122	
trans-1,3-Dichloropropene	21.8	0.11 U	14.1	65	67-121	F
Trichloroethene	21.8	0.13 U	21.4	98	79-119	
Trichlorofluoromethane	21.8	0.17 U	20.4	94	61-139	
Vinyl chloride	21.8	0.37 U	20.7	95	67-133	
Xylenes, Total	65.5	0.73 U	54.5	83	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05043.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	7640	27 U	7030	92	78-118	
1,1,2,2-Tetrachloroethane	7640	69 U	26100	342	86-145	F
1,1,2-Trichloroethane	7640	82 U	10200	134	77-120	F
1,1-Dichloroethane	7640	57 U	7210	94	79-119	
1,1-Dichloroethene	7640	39 U	7770	102	68-138	
1,2,3-Trichlorobenzene	7640	220 U	7700	101	36-207	
1,2,4-Trichlorobenzene	7640	150 U	7730	101	62-144	
1,2-Dibromo-3-Chloropropane	7640	180 U	7840	103	62-127	
1,2-Dibromoethane	7640	120 U	7430	97	76-120	
1,2-Dichlorobenzene	7640	1100	8480	97	83-123	
1,2-Dichloroethane	7640	83 U	7570	99	81-121	
1,2-Dichloropropane	7640	38 U	7690	101	78-118	
1,3-Dichlorobenzene	7640	83 J	7490	97	83-123	
1,4-Dichlorobenzene	7640	1400	8670	96	84-124	
1,4-Dioxane	57300	16000 U	43900	77	54-147	
2-Butanone	7640	1000 U	8400	110	70-139	
2-Hexanone	7640	220 U	8630	113	62-123	
4-Methyl-2-pentanone	7640	430 U	13900	182	69-124	F
Acetone	7640	2600	10600	104	48-177	
Benzene	7640	36 U	7470	98	71-118	
Bromochloromethane	7640	120 U	7560	99	81-121	
Bromodichloromethane	7640	55 U	7210	94	78-118	
Bromoform	7640	84 U	6610	87	76-133	
Bromomethane	7640	79 U	6180	81	58-164	
Carbon disulfide	7640	250 J	7570	96	70-120	
Carbon tetrachloride	7640	25 U	7060	92	64-130	
Chlorobenzene	7640	48 U	7540	99	69-124	
Chloroethane	7640	74 U	6070	79	66-144	
Chloroform	7640	34 U	7540	99	81-122	
Chloromethane	7640	42 U	7810	102	52-144	
cis-1,2-Dichloroethene	7640	78 U	7470	98	78-118	
cis-1,3-Dichloropropene	7640	81 U	7210	94	75-120	
Cyclohexane	7640	69 U	7910	104	69-128	
Dibromochloromethane	7640	87 U	6780	89	78-118	
Dichlorodifluoromethane	7640	94 U	8190	107	41-149	
Ethylbenzene	7640	91 J	7690	99	78-124	
Freon TF	7640	36 U	7510	98	50-128	
Isopropylbenzene	7640	220 J	7760	99	80-143	
Methyl acetate	7640	3300	11100	102	72-165	
Methylcyclohexane	7640	86 J	7880	102	80-134	
Methylene Chloride	7640	80 U	6870	90	78-118	
MTBE	7640	60 U	7130	93	65-143	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05043.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Styrene	7640	52 U	7530	99	73-126	
Tetrachloroethene	7640	43 U	7600	99	78-136	
Toluene	7640	8600	15200	86	79-136	
trans-1,2-Dichloroethene	7640	56 U	7090	93	73-119	
trans-1,3-Dichloropropene	7640	110 U	7220	94	73-118	
Trichloroethene	7640	74 J	7610	99	82-122	
Trichlorofluoromethane	7640	64 U	6560	86	60-148	
Vinyl chloride	7640	63 U	8210	107	55-154	
Xylenes, Total	22900	890 J	23300	98	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61795.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	22.2	22.0	99	3	30	78-117	
1,1,2,2-Tetrachloroethane	22.2	18.1	82	4	30	79-122	
1,1,2-Trichloroethane	22.2	19.5	88	3	30	73-118	
1,1-Dichloroethane	22.2	21.2	95	4	30	76-125	
1,1-Dichloroethene	22.2	21.3	96	5	30	71-126	
1,2,3-Trichlorobenzene	22.2	11.8	53	17	30	75-121	F
1,2,4-Trichlorobenzene	22.2	12.0	54	15	30	80-120	F
1,2-Dibromo-3-Chloropropane	22.2	15.7	71	4	30	74-118	F
1,2-Dibromoethane	22.2	19.6	88	2	30	75-117	
1,2-Dichlorobenzene	22.2	15.8	71	5	30	80-120	F
1,2-Dichloroethane	22.2	21.9	98	1	30	76-118	
1,2-Dichloropropane	22.2	21.5	97	2	30	82-122	
1,3-Dichlorobenzene	22.2	15.6	70	4	30	80-120	F
1,4-Dichlorobenzene	22.2	15.0	68	8	30	80-120	F
1,4-Dioxane	167	160	96	16	30	69-131	
2-Butanone	22.2	30.2	121	19	30	77-117	F
2-Hexanone	22.2	17.5	79	11	30	70-122	
4-Methyl-2-pentanone	22.2	21.7	95	8	30	68-120	
Acetone	22.2	56.4	181	35	30	27-164	F
Benzene	22.2	21.1	95	2	30	77-117	
Bromochloromethane	22.2	26.2	118	2	30	74-125	
Bromodichloromethane	22.2	22.2	100	0	30	79-119	
Bromoform	22.2	15.9	71	10	30	59-125	
Bromomethane	22.2	17.2	77	15	30	54-142	
Carbon disulfide	22.2	14.9	66	5	30	72-128	F
Carbon tetrachloride	22.2	20.7	93	2	30	79-118	
Chlorobenzene	22.2	18.7	84	0	30	80-120	
Chloroethane	22.2	18.8	84	13	30	56-146	
Chloroform	22.2	22.8	103	4	30	77-120	
Chloromethane	22.2	21.1	95	9	30	50-151	
cis-1,2-Dichloroethene	22.2	21.5	97	0	30	80-120	
cis-1,3-Dichloropropene	22.2	18.8	84	1	30	80-123	
Cyclohexane	22.2	17.8	80	3	30	80-121	
Dibromochloromethane	22.2	16.2	73	1	30	68-120	
Dichlorodifluoromethane	22.2	16.8	75	12	30	52-144	
Ethylbenzene	22.2	18.9	85	0	30	81-121	
Freon TF	22.2	23.6	106	2	30	73-123	
Isopropylbenzene	22.2	17.6	79	3	30	65-129	
Methyl acetate	22.2	57.6	259	18	30	73-137	F
Methylcyclohexane	22.2	16.6	75	0	30	78-118	F
Methylene Chloride	22.2	25.7	110	2	30	74-137	
MTBE	22.2	22.7	102	8	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61795.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	22.2	17.4	78	2	30	82-122	F
Tetrachloroethene	22.2	19.9	90	3	30	80-120	
Toluene	22.2	18.2	81	1	30	75-115	
trans-1,2-Dichloroethene	22.2	20.0	90	4	30	75-122	
trans-1,3-Dichloropropene	22.2	14.4	65	2	30	67-121	F
Trichloroethene	22.2	21.4	96	0	30	79-119	
Trichlorofluoromethane	22.2	18.5	83	10	30	61-139	
Vinyl chloride	22.2	18.3	82	12	30	67-133	
Xylenes, Total	66.6	53.1	80	3	30	82-122	F

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05044.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	7810	7950	102	12	30	78-118	
1,1,2,2-Tetrachloroethane	7810	26200	335	0	30	86-145	F
1,1,2-Trichloroethane	7810	11100	142	8	30	77-120	F
1,1-Dichloroethane	7810	7460	96	3	30	79-119	
1,1-Dichloroethene	7810	8270	106	6	30	68-138	
1,2,3-Trichlorobenzene	7810	8460	108	9	30	36-207	
1,2,4-Trichlorobenzene	7810	8360	107	8	30	62-144	
1,2-Dibromo-3-Chloropropane	7810	8660	111	10	30	62-127	
1,2-Dibromoethane	7810	8030	103	8	30	76-120	
1,2-Dichlorobenzene	7810	9140	103	8	30	83-123	
1,2-Dichloroethane	7810	8310	106	9	30	81-121	
1,2-Dichloropropane	7810	8430	108	9	30	78-118	
1,3-Dichlorobenzene	7810	8090	103	8	30	83-123	
1,4-Dichlorobenzene	7810	9340	102	7	30	84-124	
1,4-Dioxane	58600	67700	116	43	30	54-147	F
2-Butanone	7810	8510	109	1	30	70-139	
2-Hexanone	7810	9520	122	10	30	62-123	
4-Methyl-2-pentanone	7810	14700	188	5	30	69-124	F
Acetone	7810	9940	93	6	30	48-177	
Benzene	7810	8330	107	11	30	71-118	
Bromochloromethane	7810	8260	106	9	30	81-121	
Bromodichloromethane	7810	7970	102	10	30	78-118	
Bromoform	7810	7520	96	13	30	76-133	
Bromomethane	7810	7980	102	25	30	58-164	
Carbon disulfide	7810	8180	102	8	30	70-120	
Carbon tetrachloride	7810	7860	101	11	30	64-130	
Chlorobenzene	7810	8090	104	7	30	69-124	
Chloroethane	7810	6860	88	12	30	66-144	
Chloroform	7810	8280	106	9	30	81-122	
Chloromethane	7810	8250	106	5	30	52-144	
cis-1,2-Dichloroethene	7810	8320	107	11	30	78-118	
cis-1,3-Dichloropropene	7810	8070	103	11	30	75-120	
Cyclohexane	7810	8550	110	8	30	69-128	
Dibromochloromethane	7810	7690	99	13	30	78-118	
Dichlorodifluoromethane	7810	8330	107	2	30	41-149	
Ethylbenzene	7810	8560	108	11	30	78-124	
Freon TF	7810	7960	102	6	30	50-128	
Isopropylbenzene	7810	8420	105	8	30	80-143	
Methyl acetate	7810	11100	100	0	30	72-165	
Methylcyclohexane	7810	8550	108	8	30	80-134	
Methylene Chloride	7810	7830	100	13	30	78-118	
MTBE	7810	7760	99	8	30	65-143	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: e05044.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	7810	8200	105	9	30	73-126	
Tetrachloroethene	7810	8300	106	9	30	78-136	
Toluene	7810	16300	98	7	30	79-136	
trans-1,2-Dichloroethene	7810	7410	95	4	30	73-119	
trans-1,3-Dichloropropene	7810	8230	105	13	30	73-118	
Trichloroethene	7810	8120	103	7	30	82-122	
Trichlorofluoromethane	7810	7130	91	8	30	60-148	
Vinyl chloride	7810	8800	113	7	30	55-154	
Xylenes, Total	23400	25400	104	8	30	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61605.d Lab Sample ID: MB 460-117746/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 06/27/2012 18:48

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 460-117746/3	o61602.d	06/27/2012 17:32
	LCSD 460-117746/4	o61603.d	06/27/2012 17:57
	LB3 460-117585/1-A	o61613.d	06/27/2012 22:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61784.d Lab Sample ID: MB 460-118221/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 07/02/2012 07:51

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 460-118221/3	o61780.d	07/02/2012 05:18
SL-10	460-41730-1	o61785.d	07/02/2012 08:16
SF-26	460-41730-2	o61786.d	07/02/2012 08:41
SF-27	460-41730-3	o61787.d	07/02/2012 09:06
SF-28	460-41730-4	o61788.d	07/02/2012 09:31
SF-30	460-41730-6	o61789.d	07/02/2012 09:56
SF-31	460-41730-7	o61790.d	07/02/2012 10:21
SF-32	460-41730-8	o61791.d	07/02/2012 10:46
SF-29 MS	460-41730-5 MS	o61794.d	07/02/2012 12:01
SF-29 MSD	460-41730-5 MSD	o61795.d	07/02/2012 12:32
F-21	460-41730-15	o61803.d	07/02/2012 15:52
F-22	460-41730-16	o61804.d	07/02/2012 16:17

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61812.d Lab Sample ID: MB 460-118368/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 07/02/2012 19:52

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 460-118368/3	o61808.d	07/02/2012 17:54
	LCSD 460-118368/4	o61809.d	07/02/2012 18:19
SF-29	460-41730-5	o61814.d	07/02/2012 20:58
SF-33	460-41730-9	o61816.d	07/02/2012 21:48
FD-H	460-41730-10	o61817.d	07/02/2012 22:13
F-17	460-41730-11	o61818.d	07/02/2012 22:38
F-18	460-41730-12	o61819.d	07/02/2012 23:03
F-19	460-41730-13	o61820.d	07/02/2012 23:28
F-24	460-41730-18	o61821.d	07/02/2012 23:53
F-26	460-41730-20	o61822.d	07/03/2012 00:18
F-27	460-41730-21	o61823.d	07/03/2012 00:43
F-28	460-41730-22	o61824.d	07/03/2012 01:08
FD-J	460-41730-23	o61825.d	07/03/2012 01:33

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: e05040.d Lab Sample ID: MB 460-118537/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS5 Date Analyzed: 07/03/2012 22:17

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-118537/3	e05037.d	07/03/2012 20:56
F-20	460-41730-14	e05041.d	07/03/2012 22:45
F-23	460-41730-17	e05042.d	07/03/2012 23:08
F-23 MS	460-41730-17 MS	e05043.d	07/03/2012 23:31
F-23 MSD	460-41730-17 MSD	e05044.d	07/03/2012 23:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61386.d BFB Injection Date: 06/21/2012

Instrument ID: VOAMS12 BFB Injection Time: 18:14

Analysis Batch No.: 117082

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
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	6.1	
173	Less than 2.0 % of mass 174	0.8	(1.0)1
174	50.0 - 120.00 % of mass 95	75.4	
175	5.0 - 9.0 % of mass 174	6.0	(8.0)1
176	95.0 - 101.0 % of mass 174	73.5	(97.5)1
177	5.0 - 9.0 % of mass 176	4.8	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-117082/2	o61389.d	06/21/2012	19:31
	ICIS 460-117082/3	o61390.d	06/21/2012	19:56
	IC 460-117082/4	o61391.d	06/21/2012	20:21
	IC 460-117082/5	o61392.d	06/21/2012	20:46
	IC 460-117082/6	o61393.d	06/21/2012	21:11
	IC 460-117082/7	o61398.d	06/21/2012	23:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61600.d BFB Injection Date: 06/27/2012

Instrument ID: VOAMS12 BFB Injection Time: 16:35

Analysis Batch No.: 117746

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	52.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.7	(2.0)1
174	50.0 - 120.00 % of mass 95	86.6	
175	5.0 - 9.0 % of mass 174	6.5	(7.5)1
176	95.0 - 101.0 % of mass 174	82.7	(95.5)1
177	5.0 - 9.0 % of mass 176	4.9	(5.9)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
	CCVIS 460-117746/2	o61601.d	06/27/2012	17:07
	LCS 460-117746/3	o61602.d	06/27/2012	17:32
	LCSD 460-117746/4	o61603.d	06/27/2012	17:57
	MB 460-117746/5	o61605.d	06/27/2012	18:48
	LB3 460-117585/1-A	o61613.d	06/27/2012	22:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61778.d BFB Injection Date: 07/02/2012

Instrument ID: VOAMS12 BFB Injection Time: 04:31

Analysis Batch No.: 118221

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.4	(1.6)1
174	50.0 - 120.00 % of mass 95	92.4	
175	5.0 - 9.0 % of mass 174	7.5	(8.2)1
176	95.0 - 101.0 % of mass 174	89.9	(97.3)1
177	5.0 - 9.0 % of mass 176	6.2	(6.9)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
	CCVIS 460-118221/2	o61779.d	07/02/2012	04:54
	LCS 460-118221/3	o61780.d	07/02/2012	05:18
	MB 460-118221/5	o61784.d	07/02/2012	07:51
SL-10	460-41730-1	o61785.d	07/02/2012	08:16
SF-26	460-41730-2	o61786.d	07/02/2012	08:41
SF-27	460-41730-3	o61787.d	07/02/2012	09:06
SF-28	460-41730-4	o61788.d	07/02/2012	09:31
SF-30	460-41730-6	o61789.d	07/02/2012	09:56
SF-31	460-41730-7	o61790.d	07/02/2012	10:21
SF-32	460-41730-8	o61791.d	07/02/2012	10:46
SF-29 MS	460-41730-5 MS	o61794.d	07/02/2012	12:01
SF-29 MSD	460-41730-5 MSD	o61795.d	07/02/2012	12:32
F-21	460-41730-15	o61803.d	07/02/2012	15:52
F-22	460-41730-16	o61804.d	07/02/2012	16:17

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: o61806.d BFB Injection Date: 07/02/2012

Instrument ID: VOAMS12 BFB Injection Time: 17:03

Analysis Batch No.: 118368

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	50.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	86.0	
175	5.0 - 9.0 % of mass 174	6.8	(7.9)1
176	95.0 - 101.0 % of mass 174	82.2	(95.6)1
177	5.0 - 9.0 % of mass 176	5.9	(7.2)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
	CCVIS 460-118368/2	o61807.d	07/02/2012	17:29
	LCS 460-118368/3	o61808.d	07/02/2012	17:54
	LCSD 460-118368/4	o61809.d	07/02/2012	18:19
	MB 460-118368/5	o61812.d	07/02/2012	19:52
SF-29	460-41730-5	o61814.d	07/02/2012	20:58
SF-33	460-41730-9	o61816.d	07/02/2012	21:48
FD-H	460-41730-10	o61817.d	07/02/2012	22:13
F-17	460-41730-11	o61818.d	07/02/2012	22:38
F-18	460-41730-12	o61819.d	07/02/2012	23:03
F-19	460-41730-13	o61820.d	07/02/2012	23:28
F-24	460-41730-18	o61821.d	07/02/2012	23:53
F-26	460-41730-20	o61822.d	07/03/2012	00:18
F-27	460-41730-21	o61823.d	07/03/2012	00:43
F-28	460-41730-22	o61824.d	07/03/2012	01:08
FD-J	460-41730-23	o61825.d	07/03/2012	01:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: e05007.d BFB Injection Date: 07/03/2012

Instrument ID: VOAMS5 BFB Injection Time: 09:11

Analysis Batch No.: 118471

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	80.8	
175	5.0 - 9.0 % of mass 174	6.5	(8.0)1
176	95.0 - 101.0 % of mass 174	81.2	(100.5)1
177	5.0 - 9.0 % of mass 176	4.9	(6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-118471/2	e05008.d	07/03/2012	09:31
	IC 460-118471/3	e05010.d	07/03/2012	10:18
	ICIS 460-118471/4	e05011.d	07/03/2012	10:41
	IC 460-118471/5	e05012.d	07/03/2012	11:04
	IC 460-118471/6	e05013.d	07/03/2012	11:28
	IC 460-118471/7	e05014.d	07/03/2012	11:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: e05035.d BFB Injection Date: 07/03/2012

Instrument ID: VOAMS5 BFB Injection Time: 20:07

Analysis Batch No.: 118537

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.2	(1.4)1
174	50.0 - 120.00 % of mass 95	89.3	
175	5.0 - 9.0 % of mass 174	7.5	(8.4)1
176	95.0 - 101.0 % of mass 174	86.6	(97.0)1
177	5.0 - 9.0 % of mass 176	6.3	(7.3)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
	CCVIS 460-118537/2	e05036.d	07/03/2012	20:33
	LCS 460-118537/3	e05037.d	07/03/2012	20:56
	MB 460-118537/4	e05040.d	07/03/2012	22:17
F-20	460-41730-14	e05041.d	07/03/2012	22:45
F-23	460-41730-17	e05042.d	07/03/2012	23:08
F-23 MS	460-41730-17 MS	e05043.d	07/03/2012	23:31
F-23 MSD	460-41730-17 MSD	e05044.d	07/03/2012	23:55

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-117746/2 Date Analyzed: 06/27/2012 17:07

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o61601.d Heated Purge: (Y/N) Y

Calibration ID: 16130

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		876204	3.70	651992	7.27	380397	10.94
UPPER LIMIT		1752408	4.20	1303984	7.77	760794	11.44
LOWER LIMIT		438102	3.20	325996	6.77	190199	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-117746/3		841208	3.70	636475	7.27	369423	10.94
LCSD 460-117746/4		851765	3.70	643118	7.27	367157	10.94
MB 460-117746/5		795766	3.71	610441	7.28	357280	10.94
LB3 460-117585/1-A		755026	3.71	603631	7.27	370948	10.94

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

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118221/2 Date Analyzed: 07/02/2012 04:54

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o61779.d Heated Purge: (Y/N) Y

Calibration ID: 16130

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		817744	3.70	633948	7.27	363895	10.94
UPPER LIMIT		1635488	4.20	1267896	7.77	727790	11.44
LOWER LIMIT		408872	3.20	316974	6.77	181948	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118221/3		758450	3.71	586385	7.27	334761	10.94
MB 460-118221/5		699090	3.70	585840	7.27	355509	10.94
460-41730-1	SL-10	676346	3.70	591994	7.27	373235	10.94
460-41730-2	SF-26	691654	3.71	586450	7.27	355536	10.94
460-41730-3	SF-27	647494	3.70	571640	7.27	358054	10.94
460-41730-4	SF-28	694515	3.71	591960	7.27	373987	10.94
460-41730-6	SF-30	731727	3.70	602832	7.27	372461	10.94
460-41730-7	SF-31	633796	3.70	561256	7.28	352046	10.94
460-41730-8	SF-32	620509	3.71	574129	7.27	330199	10.94
460-41730-5 MS	SF-29 MS	719792	3.71	582314	7.27	345348	10.94
460-41730-5 MSD	SF-29 MSD	804076	3.70	634146	7.27	367008	10.94
460-41730-15	F-21	689835	3.71	589230	7.27	363347	10.94
460-41730-16	F-22	644819	3.71	574374	7.27	340628	10.94

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

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118368/2 Date Analyzed: 07/02/2012 17:29

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o61807.d Heated Purge: (Y/N) Y

Calibration ID: 16130

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		721748	3.70	590784	7.27	354741	10.94
UPPER LIMIT		1443496	4.20	1181568	7.77	709482	11.44
LOWER LIMIT		360874	3.20	295392	6.77	177371	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118368/3		740889	3.70	594116	7.27	355579	10.94
LCSD 460-118368/4		763570	3.71	613420	7.27	367182	10.94
MB 460-118368/5		694227	3.71	571561	7.27	353418	10.94
460-41730-5	SF-29	705761	3.70	606549	7.27	363673	10.94
460-41730-9	SF-33	729188	3.70	608286	7.27	368246	10.94
460-41730-10	FD-H	678863	3.71	575858	7.27	354983	10.94
460-41730-11	F-17	695649	3.71	585634	7.27	358269	10.94
460-41730-12	F-18	713152	3.71	596913	7.27	366423	10.94
460-41730-13	F-19	712846	3.70	573716	7.27	331328	10.94
460-41730-18	F-24	692002	3.70	587562	7.27	366383	10.94
460-41730-20	F-26	703978	3.71	588460	7.27	359904	10.94
460-41730-21	F-27	716883	3.71	586417	7.27	361064	10.94
460-41730-22	F-28	733711	3.70	594777	7.27	363810	10.94
460-41730-23	FD-J	730492	3.71	590819	7.27	363034	10.94

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

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118537/2 Date Analyzed: 07/03/2012 20:33

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): e05036.d Heated Purge: (Y/N) N

Calibration ID: 16283

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		535057	3.58	440956	6.95	276891	10.47
UPPER LIMIT		1070114	4.08	881912	7.45	553782	10.97
LOWER LIMIT		267529	3.08	220478	6.45	138446	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118537/3		550479	3.58	445374	6.95	271547	10.47
MB 460-118537/4		562878	3.58	451544	6.95	274269	10.47
460-41730-14	F-20	524540	3.58	449822	6.95	268583	10.47
460-41730-17	F-23	541881	3.58	464356	6.95	289568	10.47
460-41730-17 MS	F-23 MS	545438	3.58	451690	6.95	276823	10.47
460-41730-17 MSD	F-23 MSD	573377	3.58	466444	6.95	284929	10.47

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: o61785.d

Analysis Method: 8260B | Date Collected: 06/25/2012 08:35

Sample wt/vol: 5.51(g) | Date Analyzed: 07/02/2012 08:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.095	U	1.1	0.095
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.1	0.46
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	13	U	53	13
78-93-3	2-Butanone	5.9	J	11	0.66
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
67-64-1	Acetone	35	B	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.45	U	1.1	0.45
75-15-0	Carbon disulfide	0.23	J	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.35	U	1.1	0.35
67-66-3	Chloroform	0.25	U	1.1	0.25
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.17	J	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: o61785.d

Analysis Method: 8260B | Date Collected: 06/25/2012 08:35

Sample wt/vol: 5.51(g) | Date Analyzed: 07/02/2012 08:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.2	B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.30	U	1.1	0.30
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 Lab Sample ID: 460-41730-1

Matrix: Solid Lab File ID: o61785.d

Analysis Method: 8260B Date Collected: 06/25/2012 08:35

Sample wt/vol: 5.51(g) Date Analyzed: 07/02/2012 08:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61785.d
Report Date: 03-Jul-2012 11:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61785.d
Lab Smp Id: 460-41730-B-1-A Client Smp ID: SL-10
Inj Date : 02-JUL-2012 08:16
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-1-A;;;5.51;5
Misc Info : 460-41730-B-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.51000	Weight of sample extracted (g)
M	13.93597	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.447)	38460	33.2506	35
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	3195	0.21749	0.23(a)
	6 Methylene Chloride	84	1.890	1.897	(0.510)	4949	1.16054	1.2
	13 cis-1,2-Dichloroethene	96	2.757	2.749	(0.745)	876	0.15926	0.17(aH)
	18 2-Butanone	72	2.771	2.771	(0.748)	2679	5.60039	5.9(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	187209	55.9591	59
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	676346	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	621454	47.6619	50
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	591994	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	248104	48.8928	52
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	373235	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61785.d
Report Date: 03-Jul-2012 11:48

QC Flag Legend

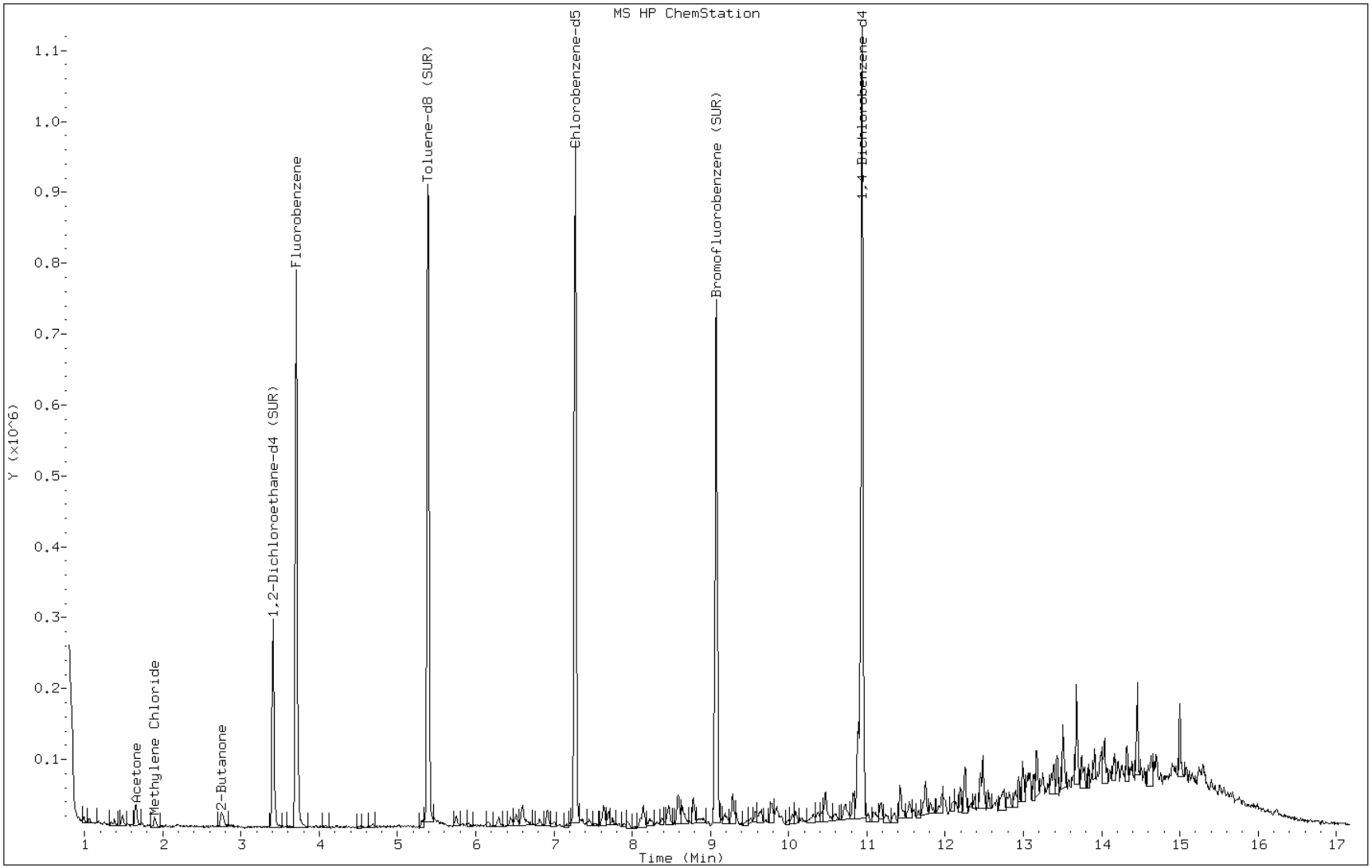
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9



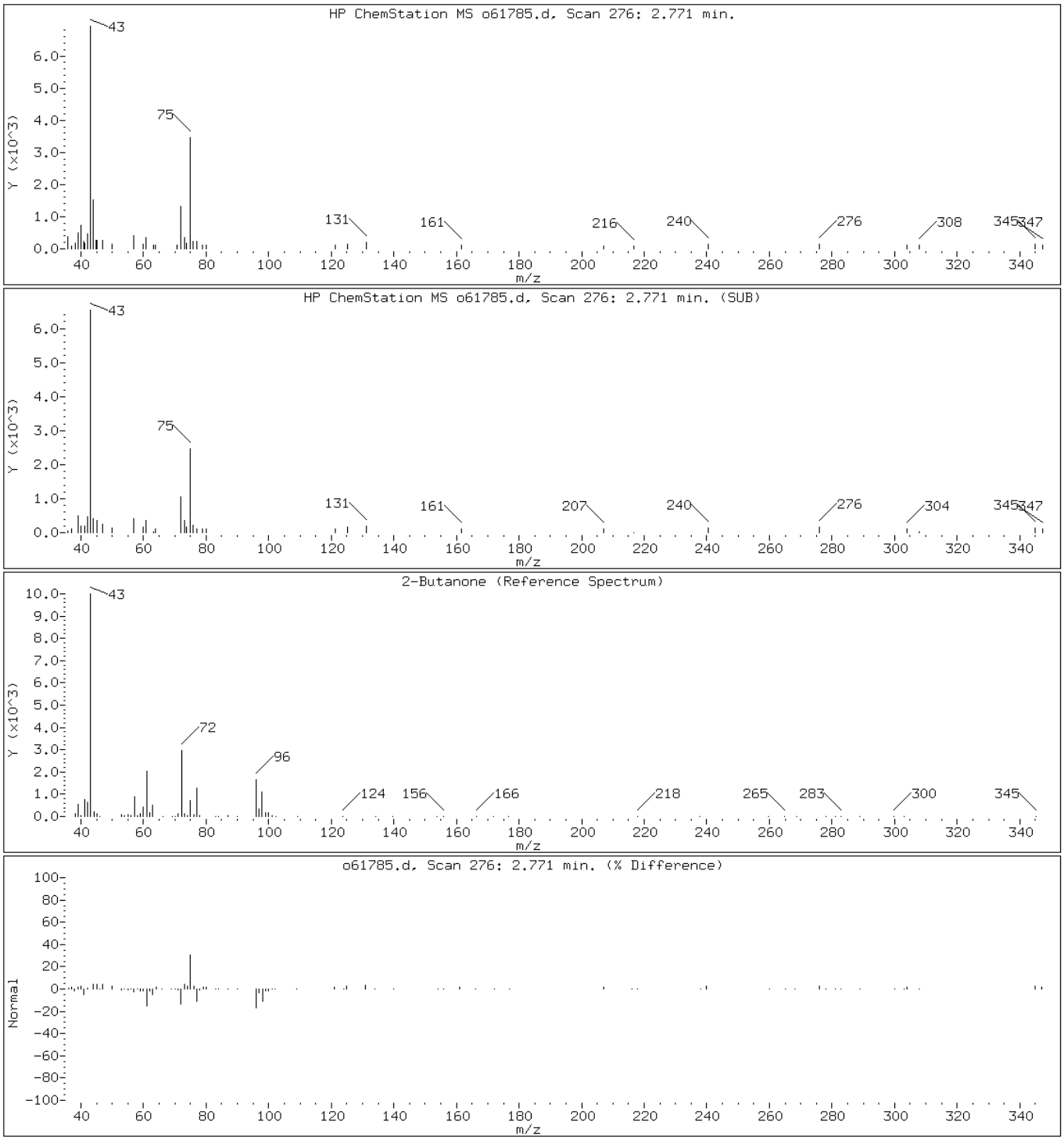
Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9

18 2-Butanone



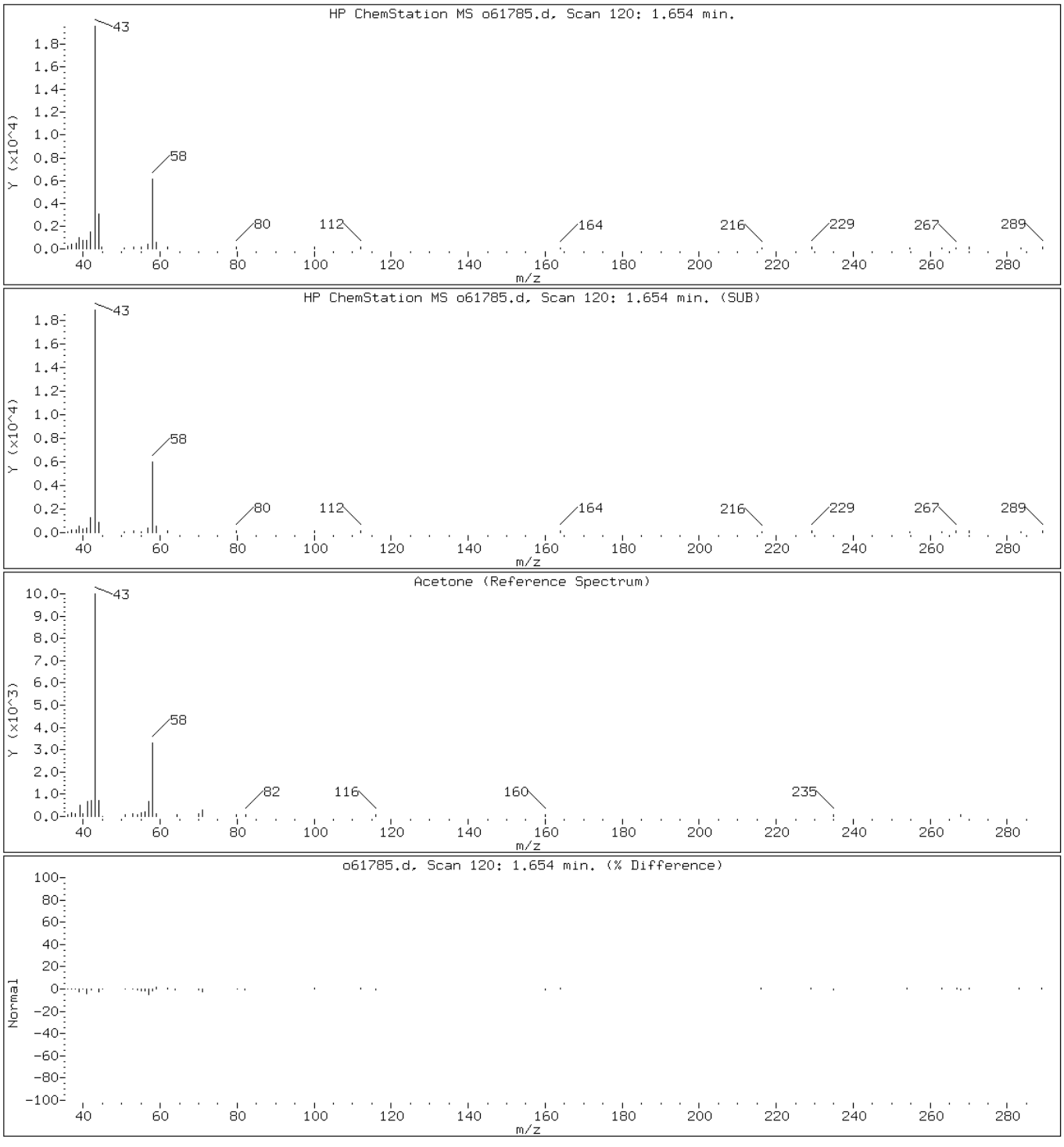
Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9

7 Acetone



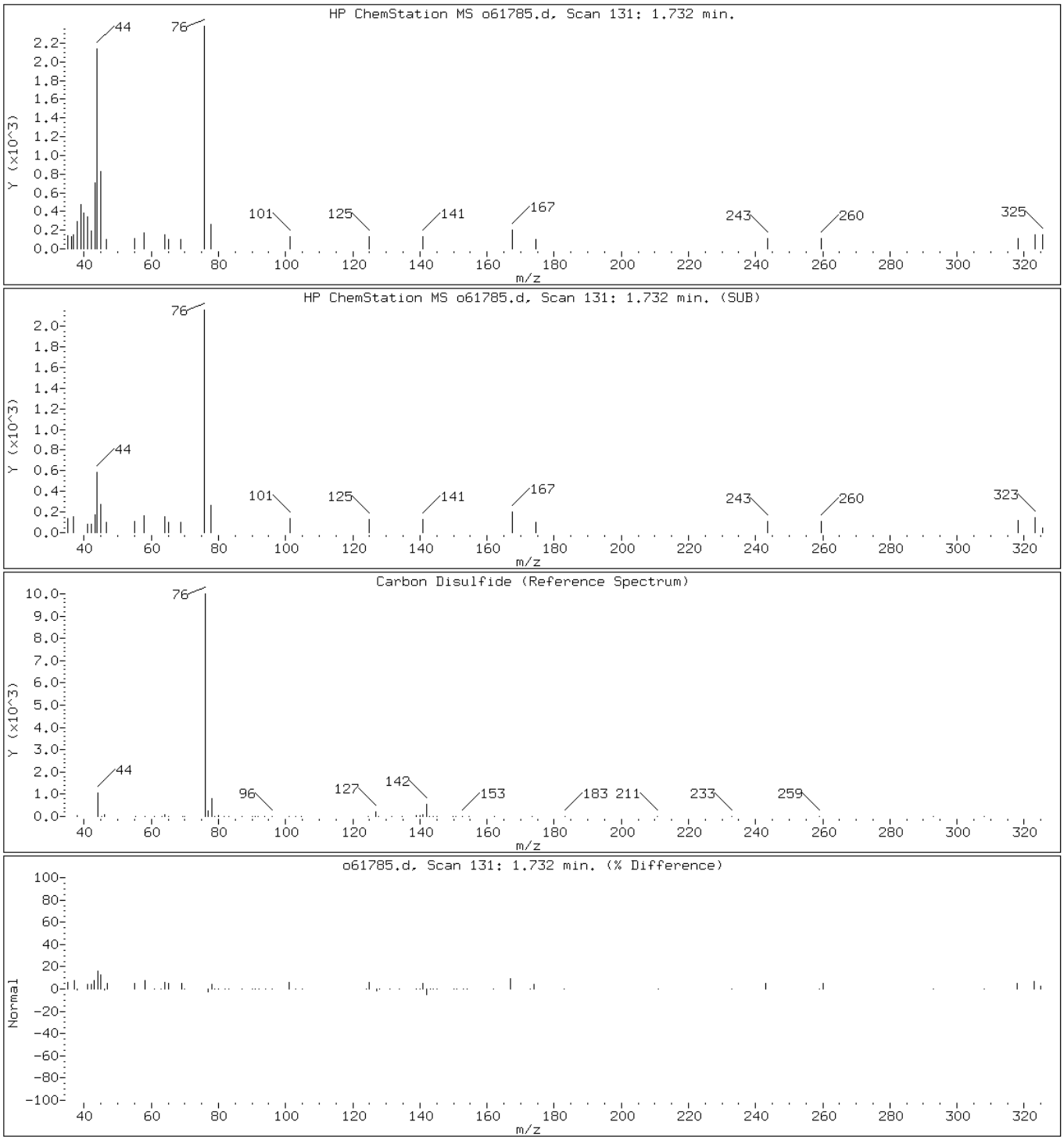
Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9

8 Carbon Disulfide



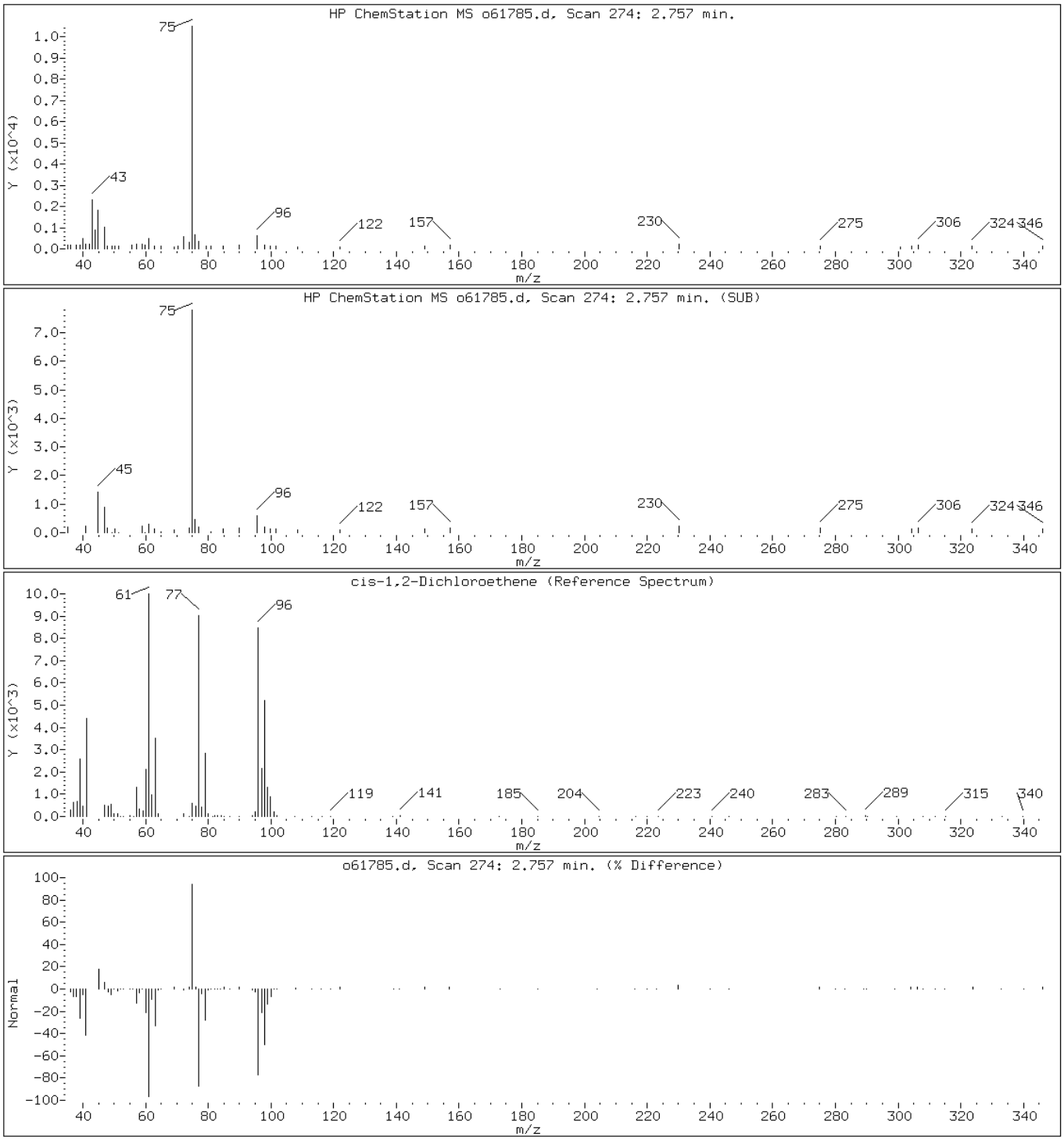
Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



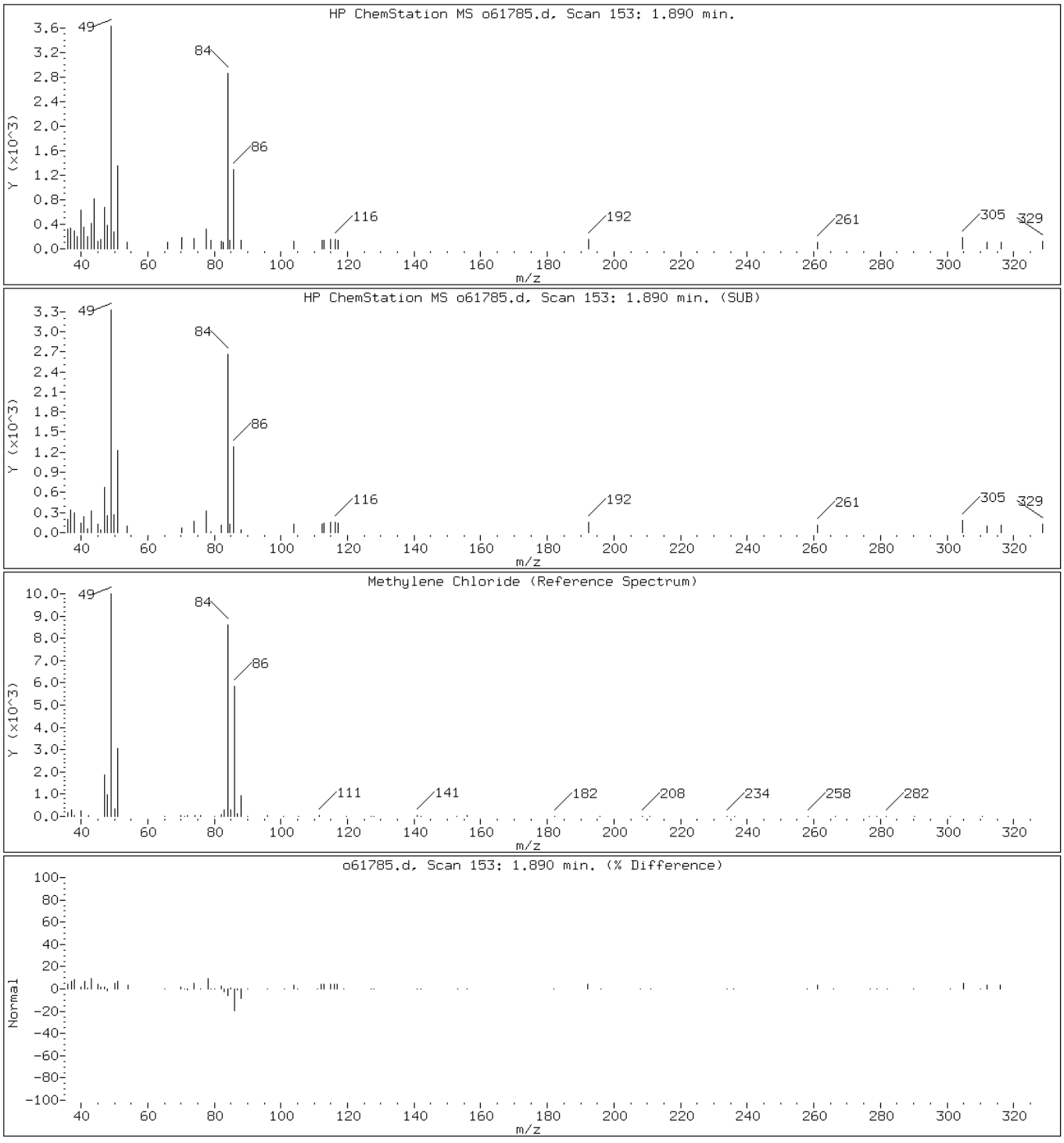
Data File: o61785.d

Date: 02-JUL-2012 08:16

Client ID: SL-10 Instrument: VOAMS12.i

Sample Info: 460-41730-B-1-A;;;5.51;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: o61786.d

Analysis Method: 8260B | Date Collected: 06/25/2012 09:55

Sample wt/vol: 4.81(g) | Date Analyzed: 07/02/2012 08:41

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.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.3	0.24
96-12-8	1,2-Dibromo-3-Chloropropane	0.57	U	1.3	0.57
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	0.14	U	1.3	0.14
123-91-1	1,4-Dioxane	16	U	64	16
78-93-3	2-Butanone	9.3	J	13	0.81
591-78-6	2-Hexanone	0.17	U	13	0.17
108-10-1	4-Methyl-2-pentanone	1.2	J	13	0.26
67-64-1	Acetone	43	B	13	2.2
71-43-2	Benzene	0.19	U	1.3	0.19
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.41	U	1.3	0.41
75-25-2	Bromoform	0.22	U	1.3	0.22
74-83-9	Bromomethane	0.55	U	1.3	0.55
75-15-0	Carbon disulfide	0.57	J	1.3	0.19
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
75-00-3	Chloroethane	0.42	U	1.3	0.42
67-66-3	Chloroform	0.31	U	1.3	0.31
74-87-3	Chloromethane	0.21	U	1.3	0.21
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
110-82-7	Cyclohexane	0.17	U	1.3	0.17
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
100-41-4	Ethylbenzene	0.22	U	1.3	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: o61786.d

Analysis Method: 8260B | Date Collected: 06/25/2012 09:55

Sample wt/vol: 4.81(g) | Date Analyzed: 07/02/2012 08:41

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.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.14	U	1.3	0.14
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.41	U	1.3	0.41
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
75-09-2	Methylene Chloride	1.4	B	1.3	0.19
1634-04-4	MTBE	0.14	U	1.3	0.14
100-42-5	Styrene	0.36	U	1.3	0.36
127-18-4	Tetrachloroethene	0.15	U	1.3	0.15
108-88-3	Toluene	0.30	J	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
79-01-6	Trichloroethene	0.15	U	1.3	0.15
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-01-4	Vinyl chloride	0.44	U	1.3	0.44
1330-20-7	Xylenes, Total	0.86	U	3.9	0.86

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 Lab Sample ID: 460-41730-2

Matrix: Solid Lab File ID: o61786.d

Analysis Method: 8260B Date Collected: 06/25/2012 09:55

Sample wt/vol: 4.81(g) Date Analyzed: 07/02/2012 08:41

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.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61786.d
Report Date: 02-Jul-2012 20:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61786.d
Lab Smp Id: 460-41730-B-2-A Client Smp ID: SF-26
Inj Date : 02-JUL-2012 08:41
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-2-A;;;4.81;5
Misc Info : 460-41730-B-2-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.81000	Weight of sample extracted (g)
M	19.09449	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	39849	33.6890	43
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	6713	0.44685	0.57(a)
	6 Methylene Chloride	84	1.904	1.897	(0.513)	4677	1.07248	1.4
	18 2-Butanone	72	2.778	2.771	(0.749)	3538	7.23242	9.3(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	191573	55.9962	72
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	691654	50.0000	
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	3382	0.95235	1.2(a)
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	598744	46.3543	60
	38 Toluene	91	5.464	5.464	(0.752)	6073	0.23728	0.30(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	586450	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	236194	48.8629	63
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	355536	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61786.d
Report Date: 02-Jul-2012 20:05

QC Flag Legend

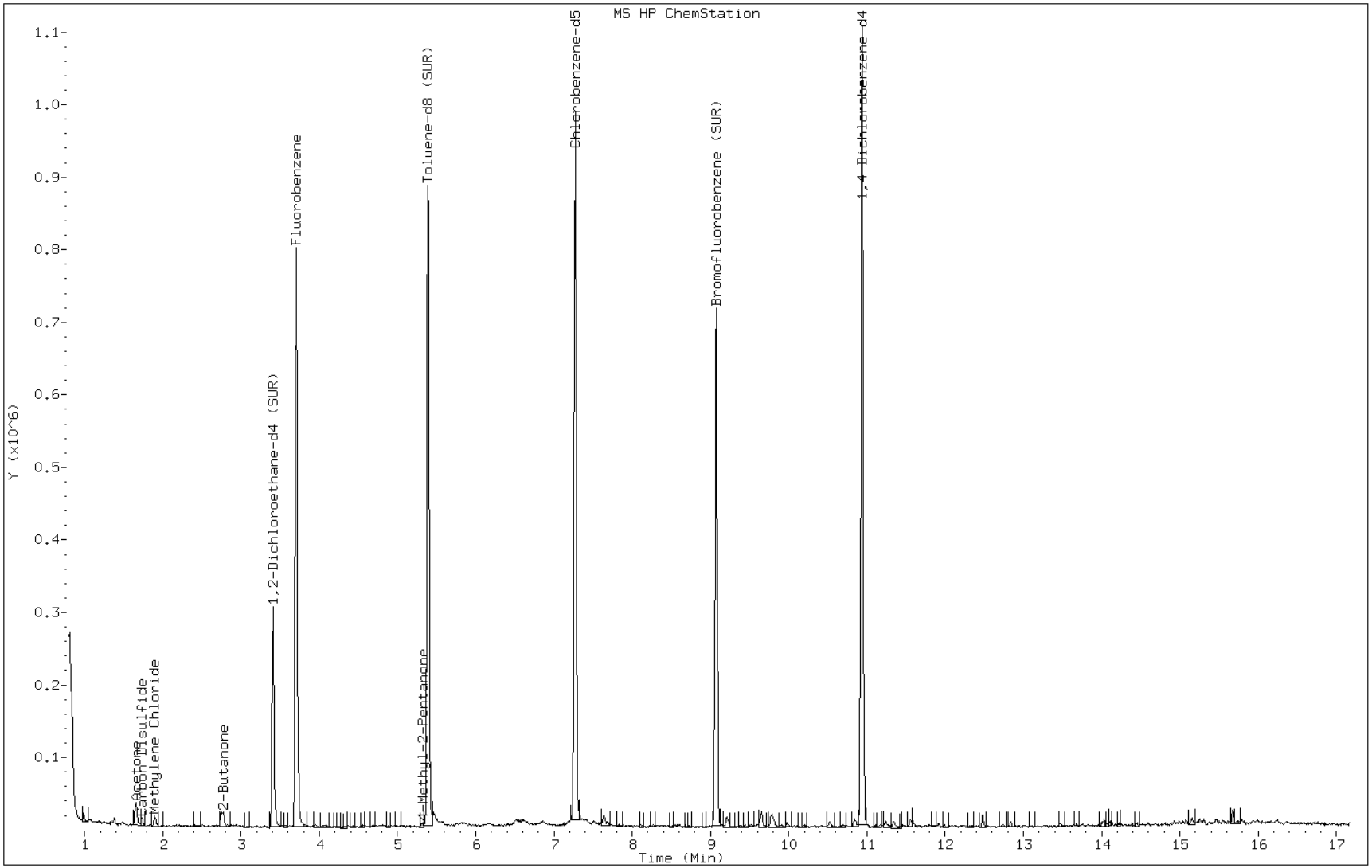
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9



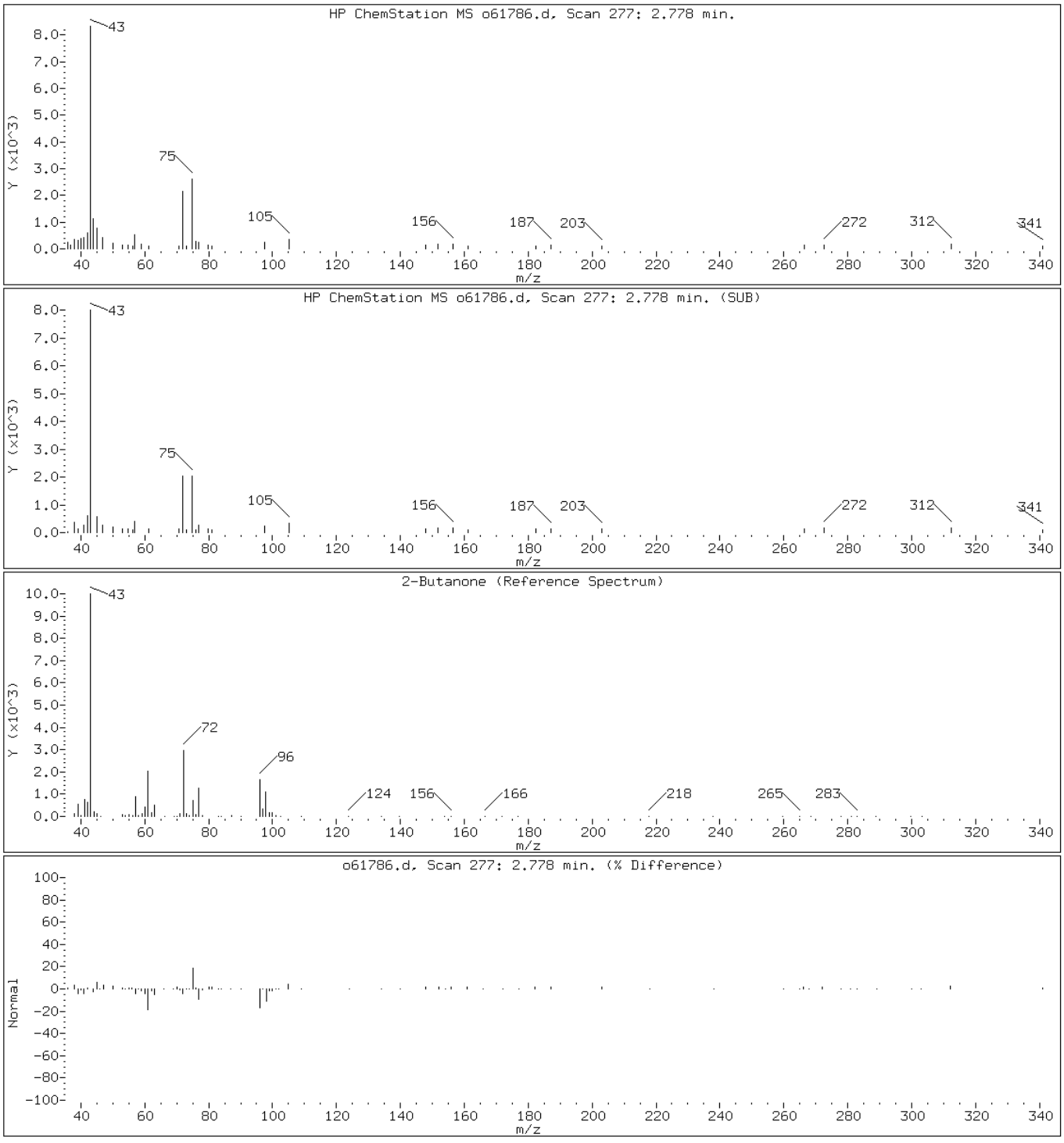
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

18 2-Butanone



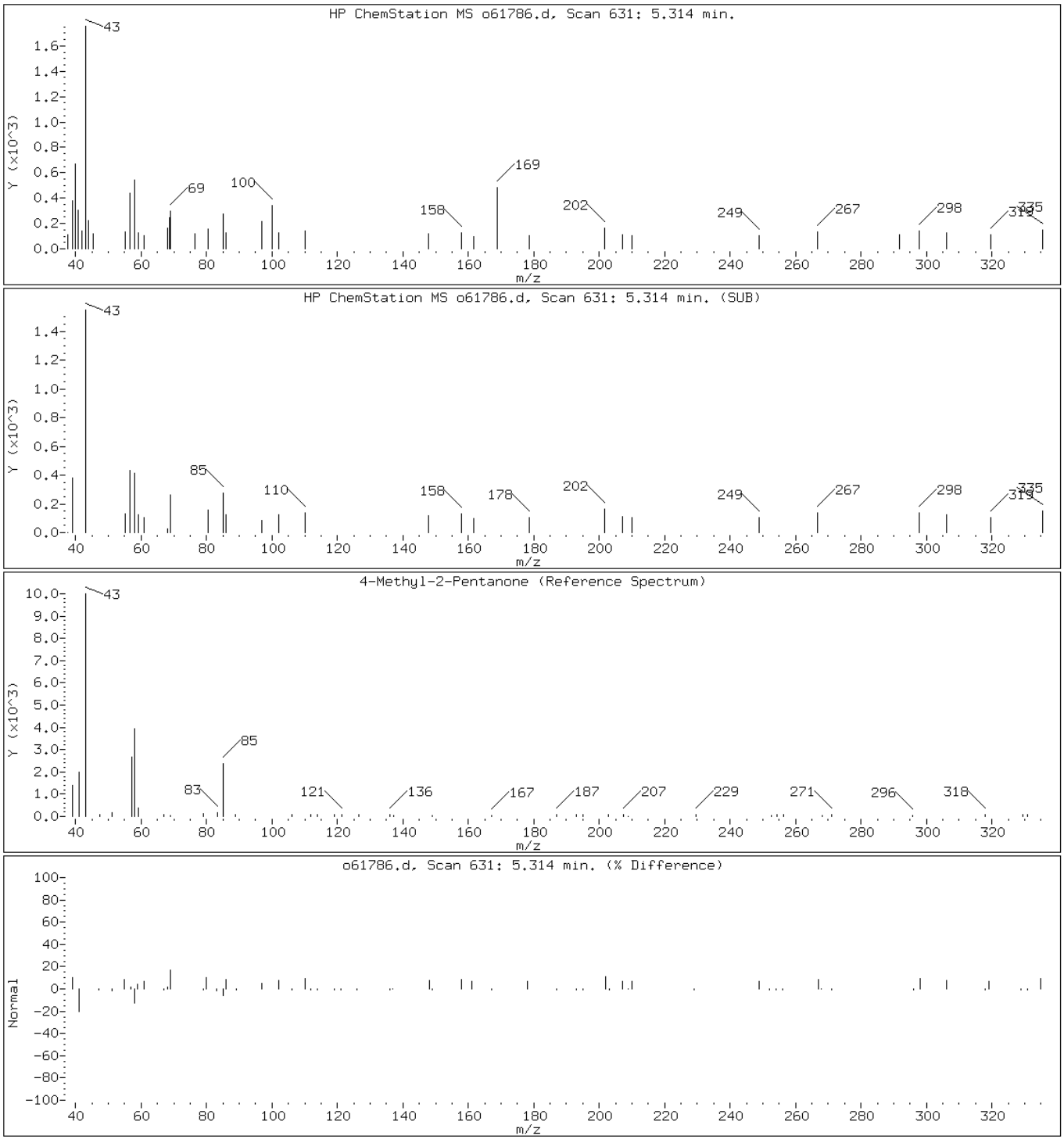
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



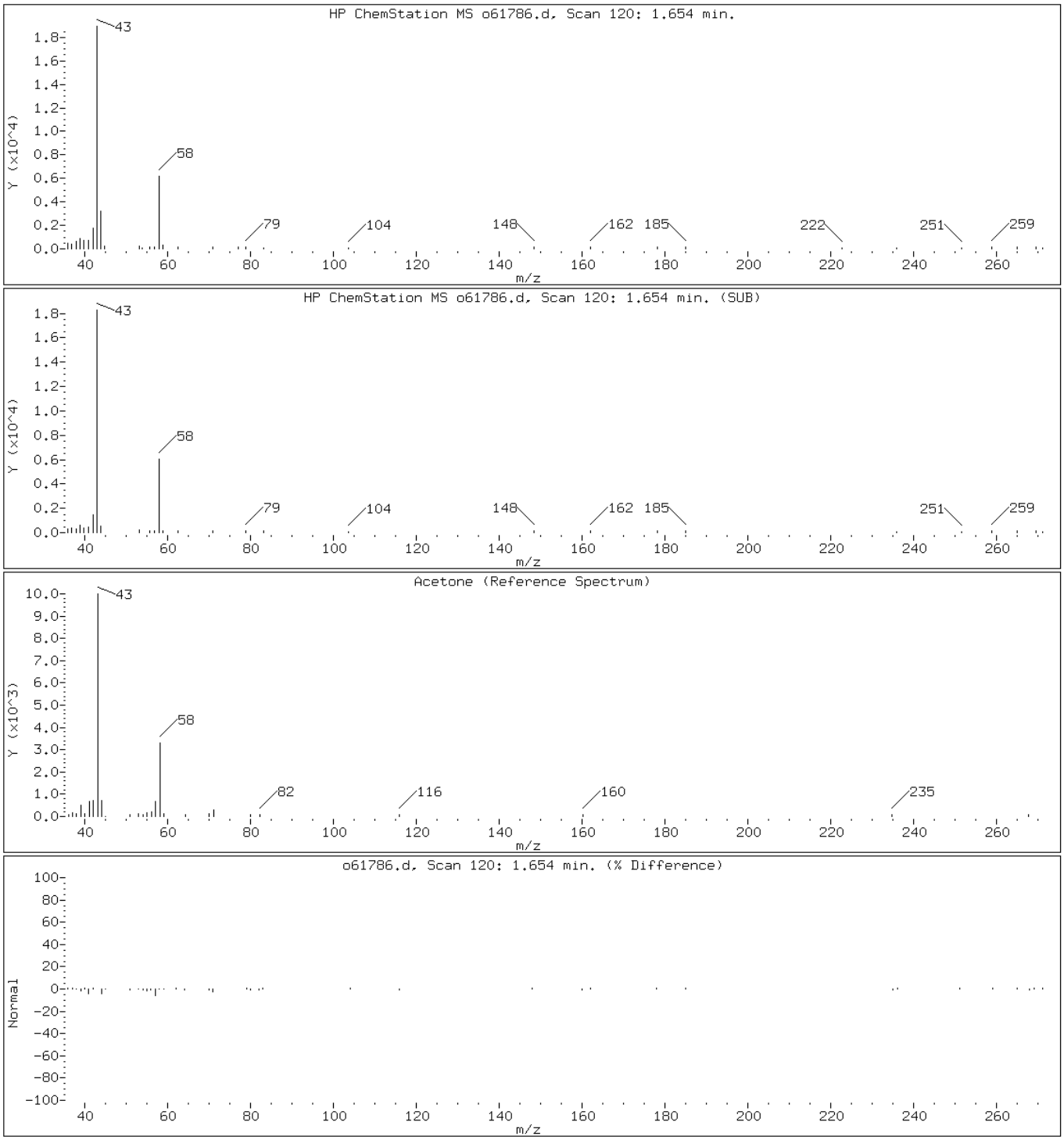
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

7 Acetone



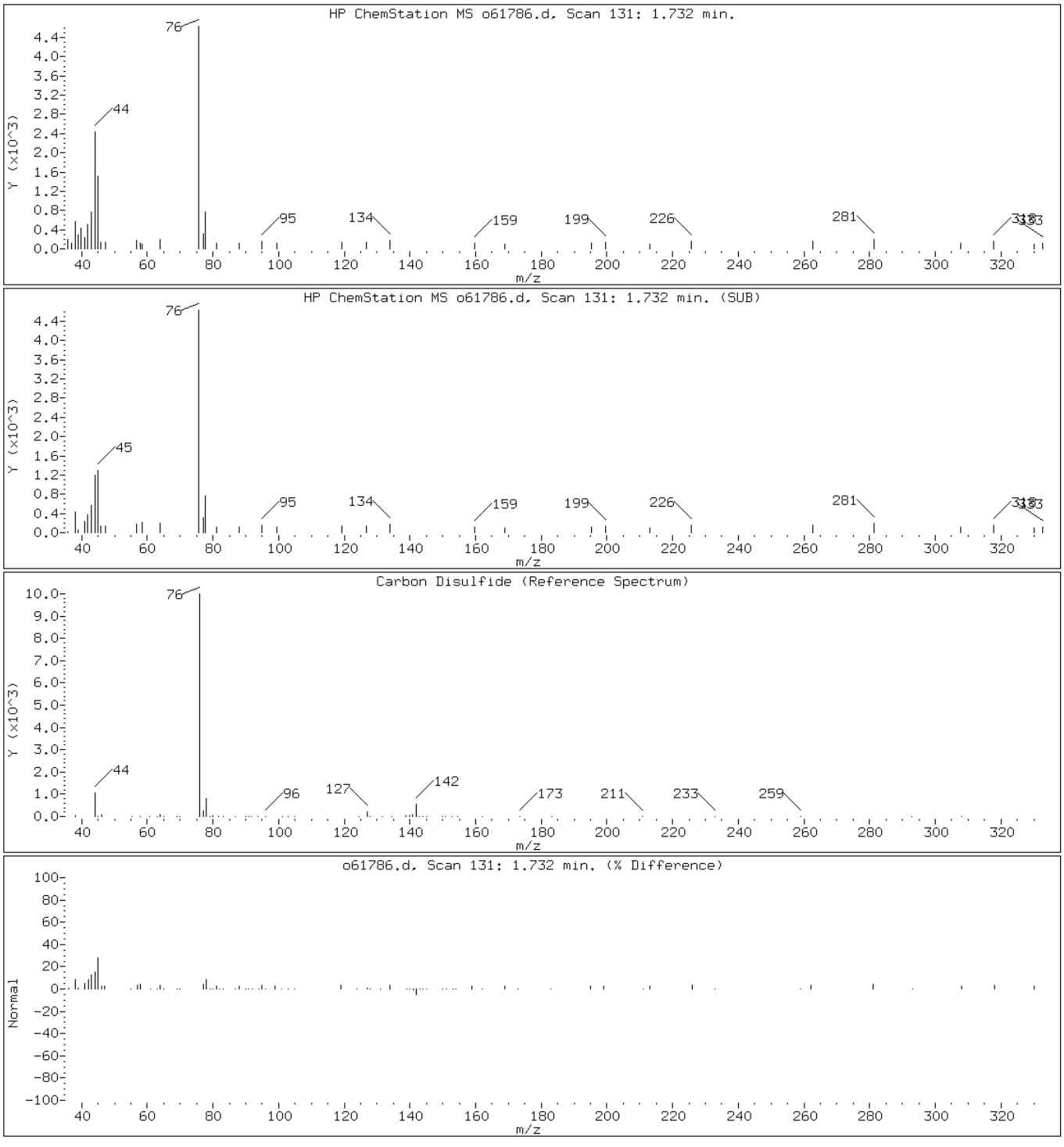
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

8 Carbon Disulfide



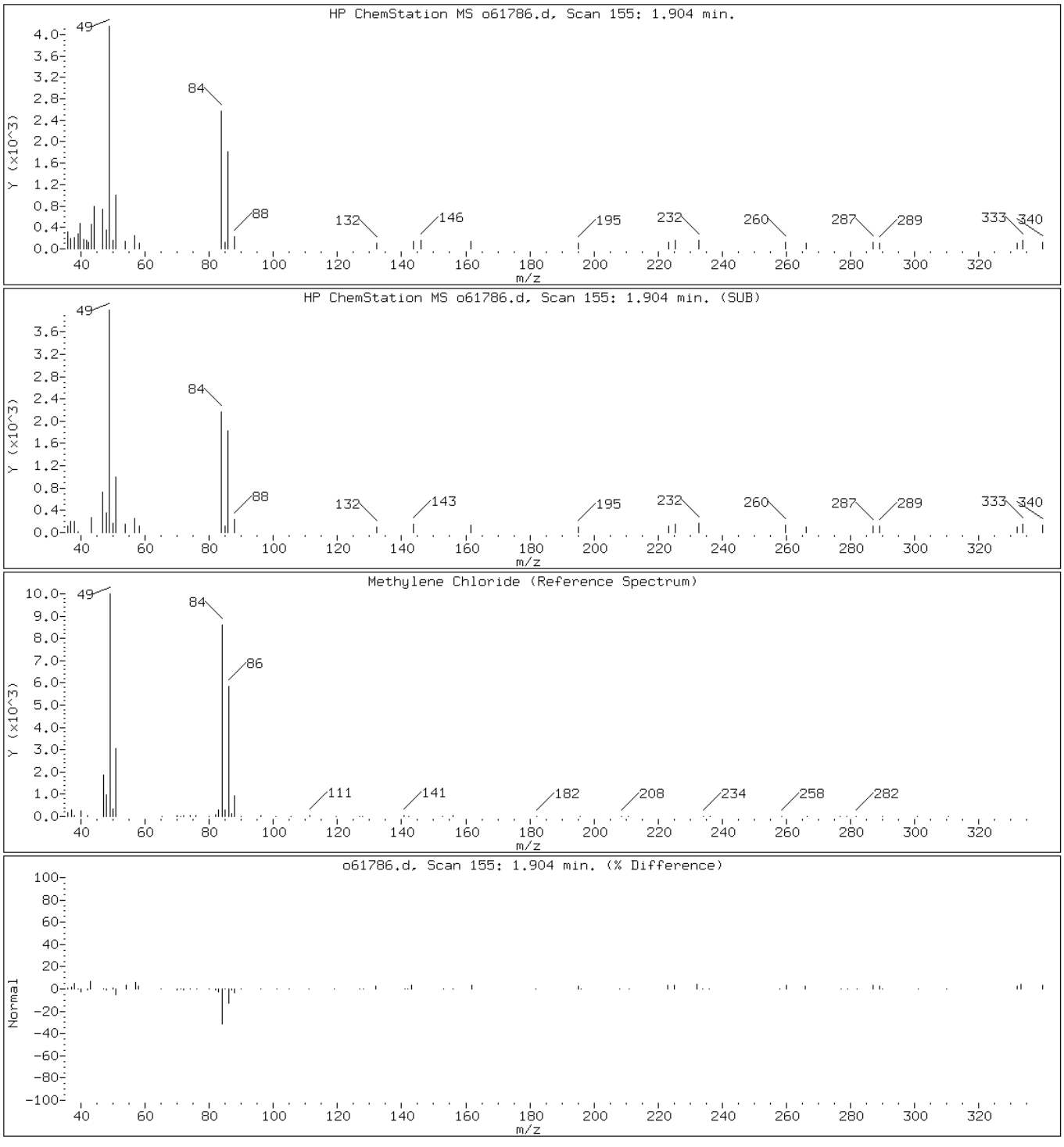
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

6 Methylene Chloride



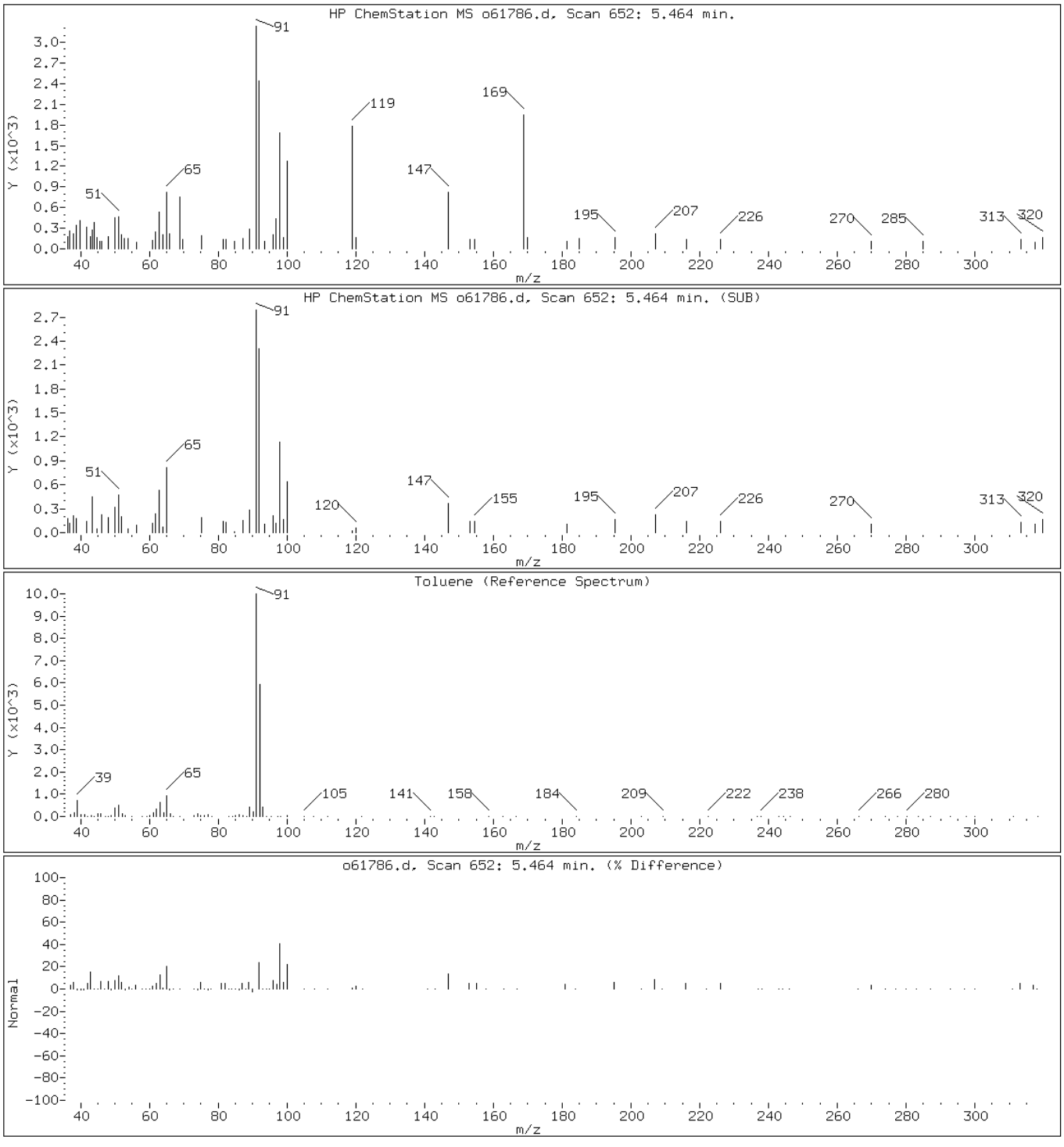
Data File: o61786.d

Date: 02-JUL-2012 08:41

Client ID: SF-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-2-A;;;4.81;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Matrix: Solid | Lab File ID: o61787.d

Analysis Method: 8260B | Date Collected: 06/25/2012 10:50

Sample wt/vol: 5.37(g) | Date Analyzed: 07/02/2012 09:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.097	U	1.1	0.097
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	54	14
78-93-3	2-Butanone	3.9	J	11	0.68
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	29	B	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-15-0	Carbon disulfide	0.20	J	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.36	U	1.1	0.36
67-66-3	Chloroform	0.26	U	1.1	0.26
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.25	J	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Matrix: Solid | Lab File ID: o61787.d

Analysis Method: 8260B | Date Collected: 06/25/2012 10:50

Sample wt/vol: 5.37(g) | Date Analyzed: 07/02/2012 09:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.2	B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.30	U	1.1	0.30
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
1330-20-7	Xylenes, Total	0.73	U	3.2	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	127		70-130
460-00-4	Bromofluorobenzene	108		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: o61787.d

Analysis Method: 8260B Date Collected: 06/25/2012 10:50

Sample wt/vol: 5.37(g) Date Analyzed: 07/02/2012 09:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61787.d
Report Date: 03-Jul-2012 11:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61787.d
Lab Smp Id: 460-41730-B-3-A Client Smp ID: SF-27
Inj Date : 02-JUL-2012 09:06
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-3-A;;;5.37;5
Misc Info : 460-41730-B-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.37000	Weight of sample extracted (g)
M	14.01152	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				1207	0.22922	0.25(a)
	7 Acetone	43	1.654	1.654	(0.447)	29750	26.8664	29
	8 Carbon Disulfide	76	1.733	1.732	(0.468)	2615	0.18594	0.20(a)
	6 Methylene Chloride	84	1.897	1.897	(0.512)	4612	1.12970	1.2
	13 cis-1,2-Dichloroethene	96	2.735	2.749	(0.739)	1207	0.22922	0.25(a)
	18 2-Butanone	72	2.778	2.771	(0.750)	1658	3.62046	3.9(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	203790	63.6298	69
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	647494	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	658330	52.2879	57
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	571640	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	264074	54.2464	59
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	358054	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61787.d
Report Date: 03-Jul-2012 11:50

QC Flag Legend

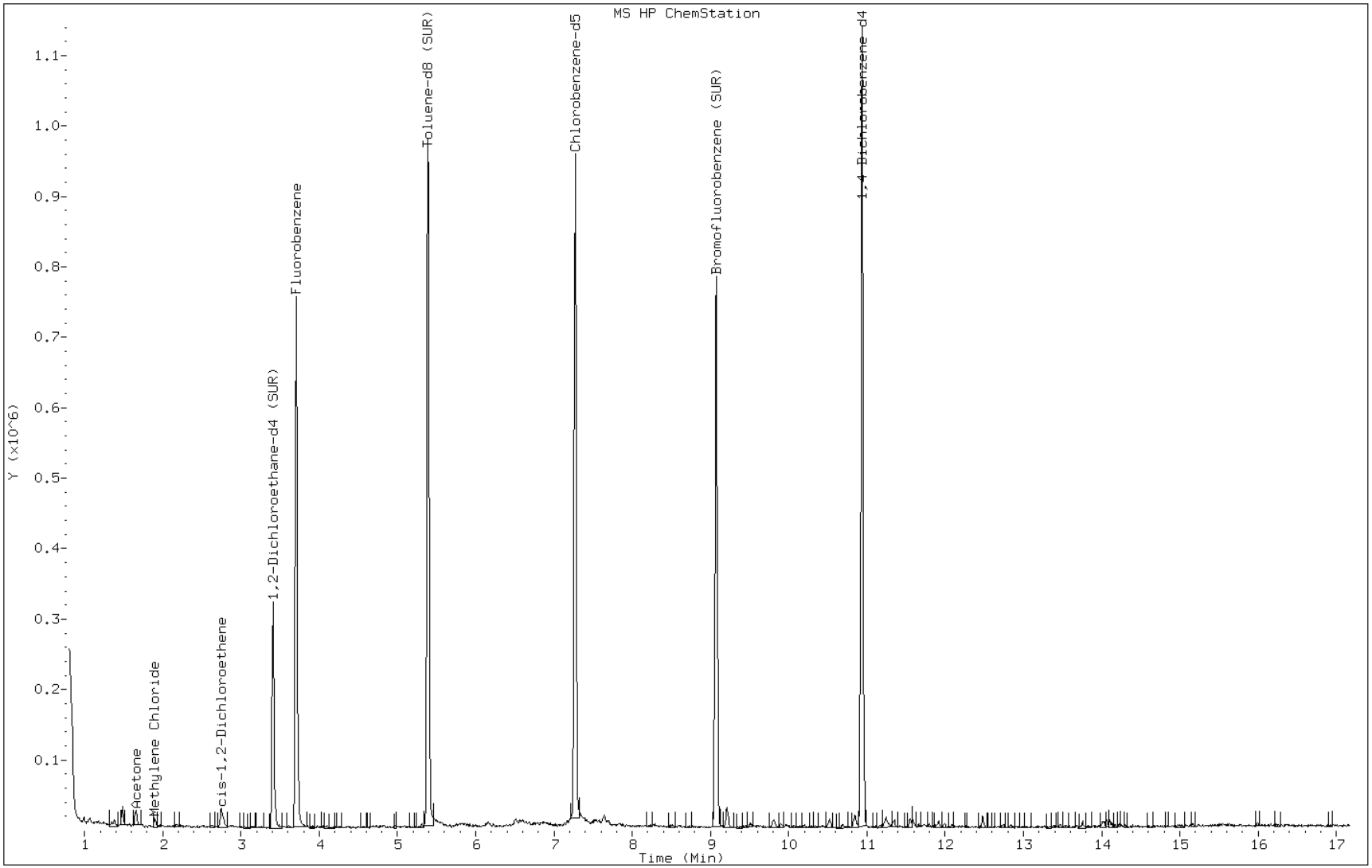
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9



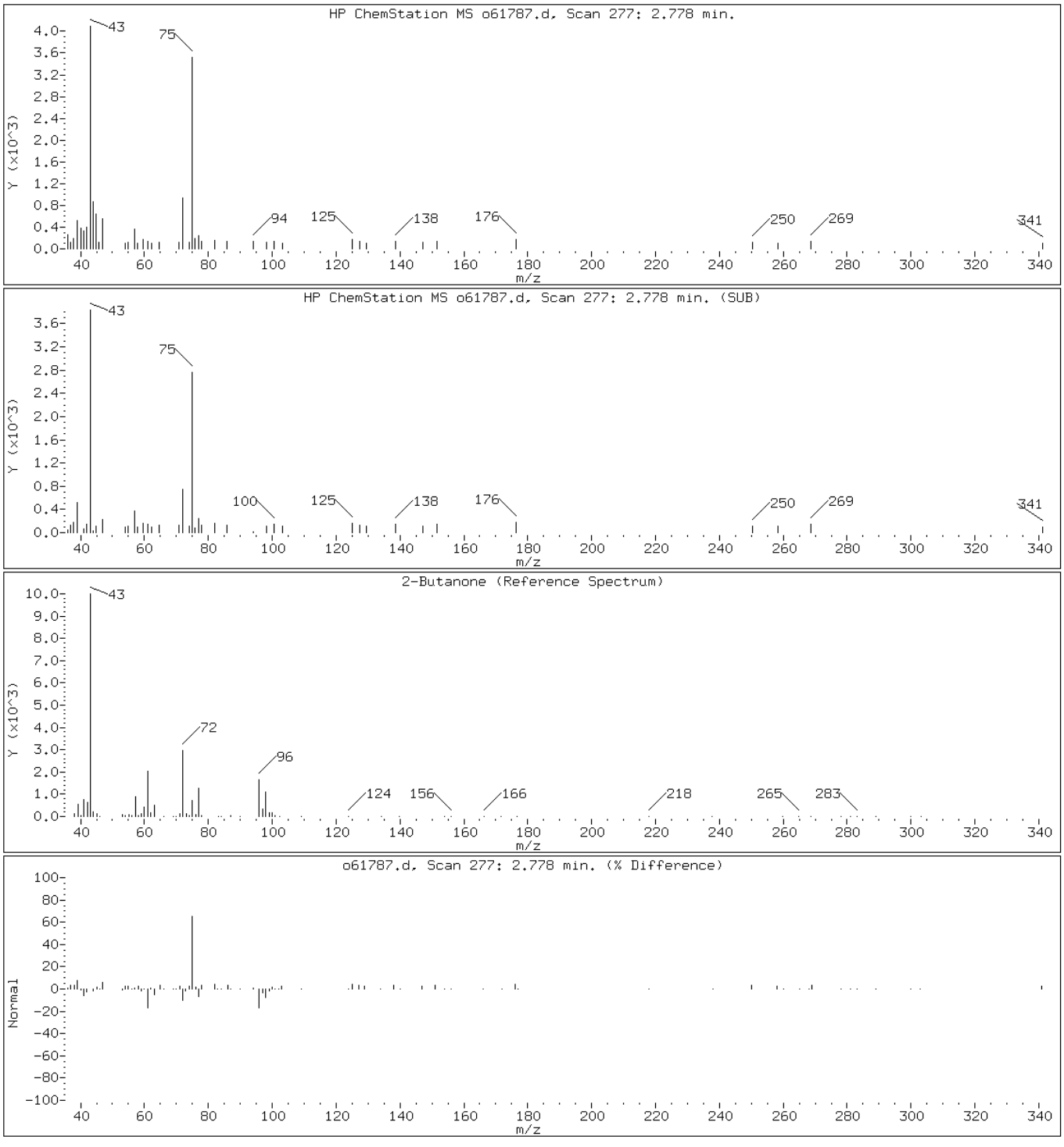
Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9

18 2-Butanone



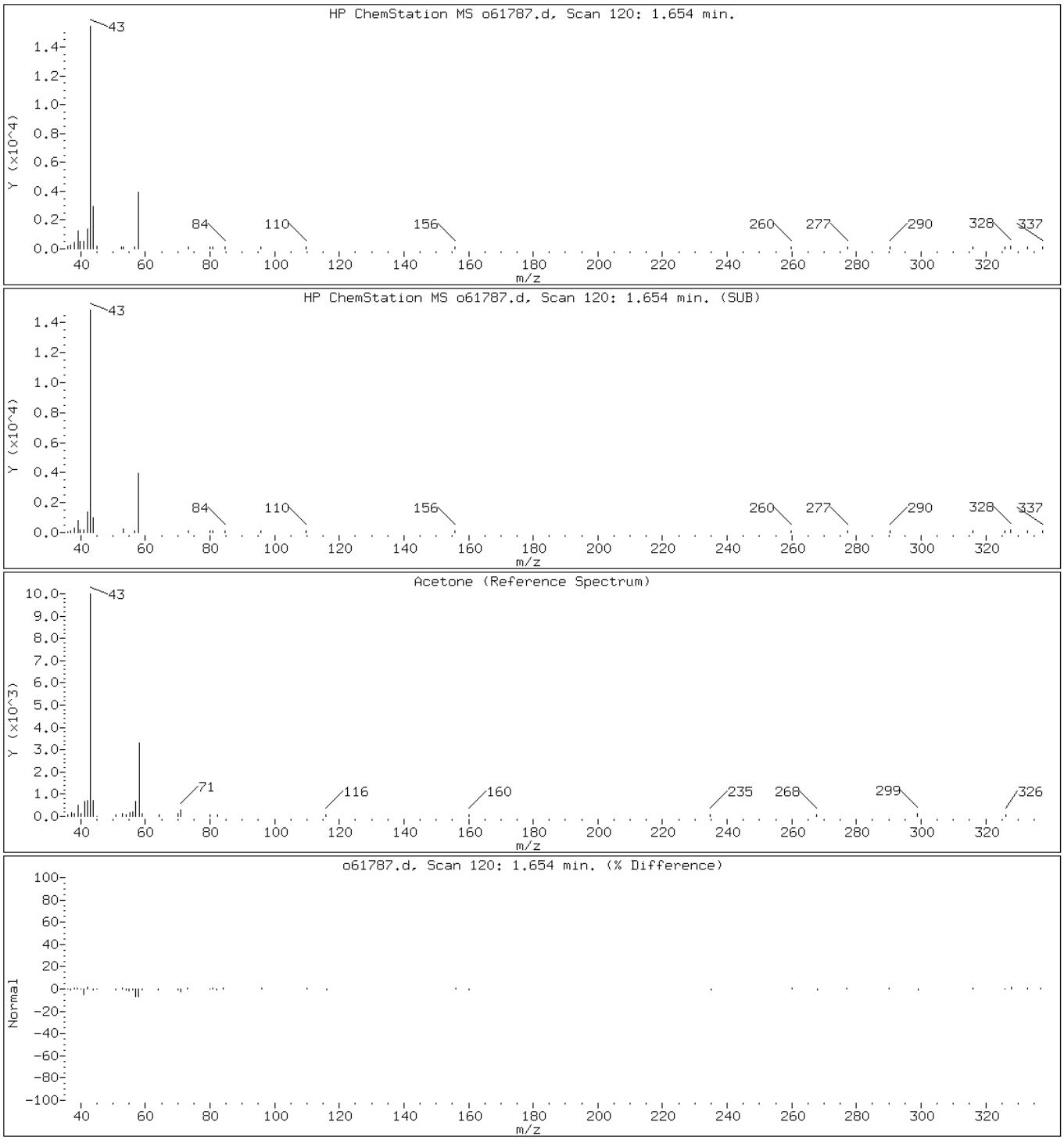
Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9

7 Acetone



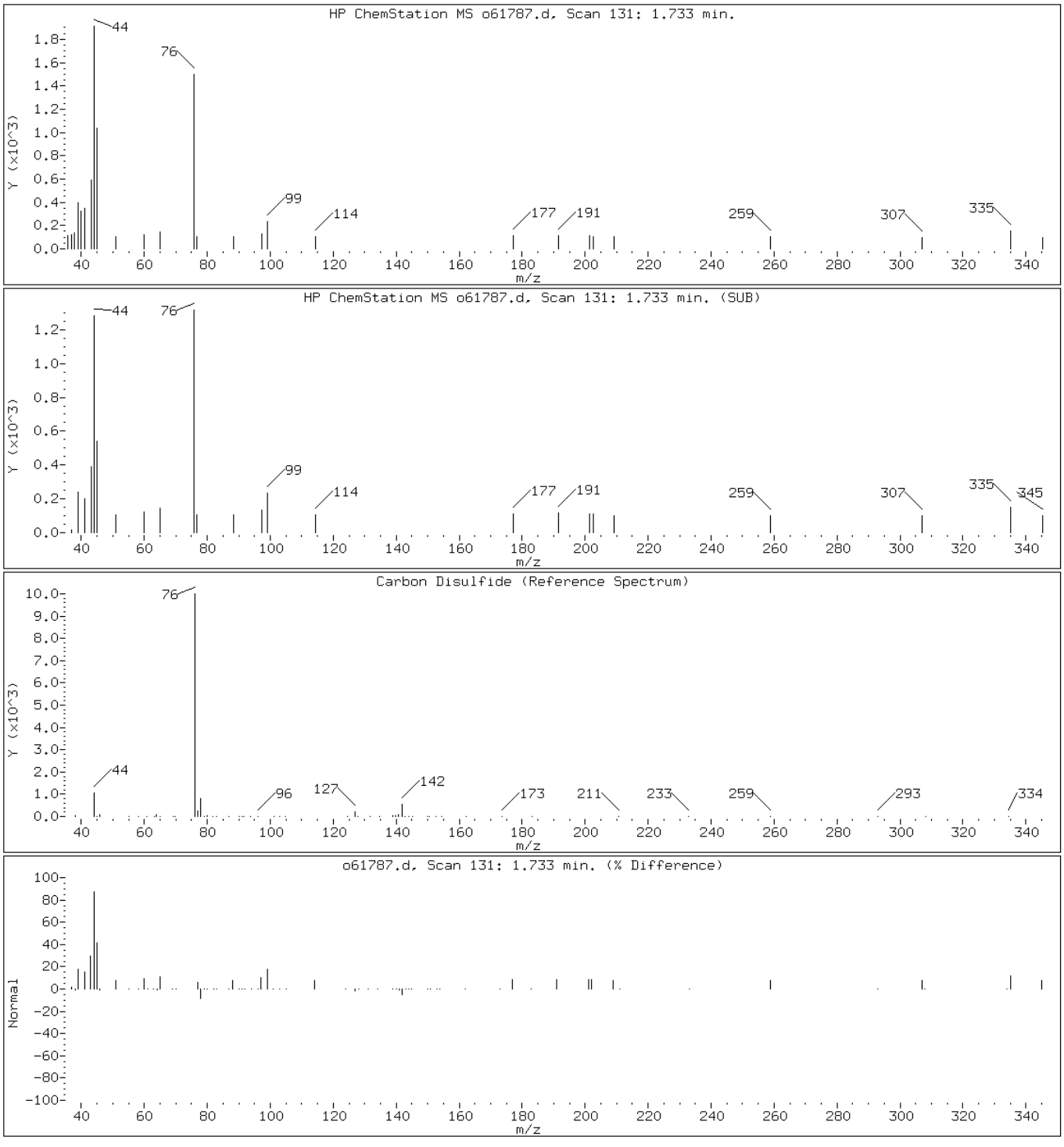
Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9

8 Carbon Disulfide



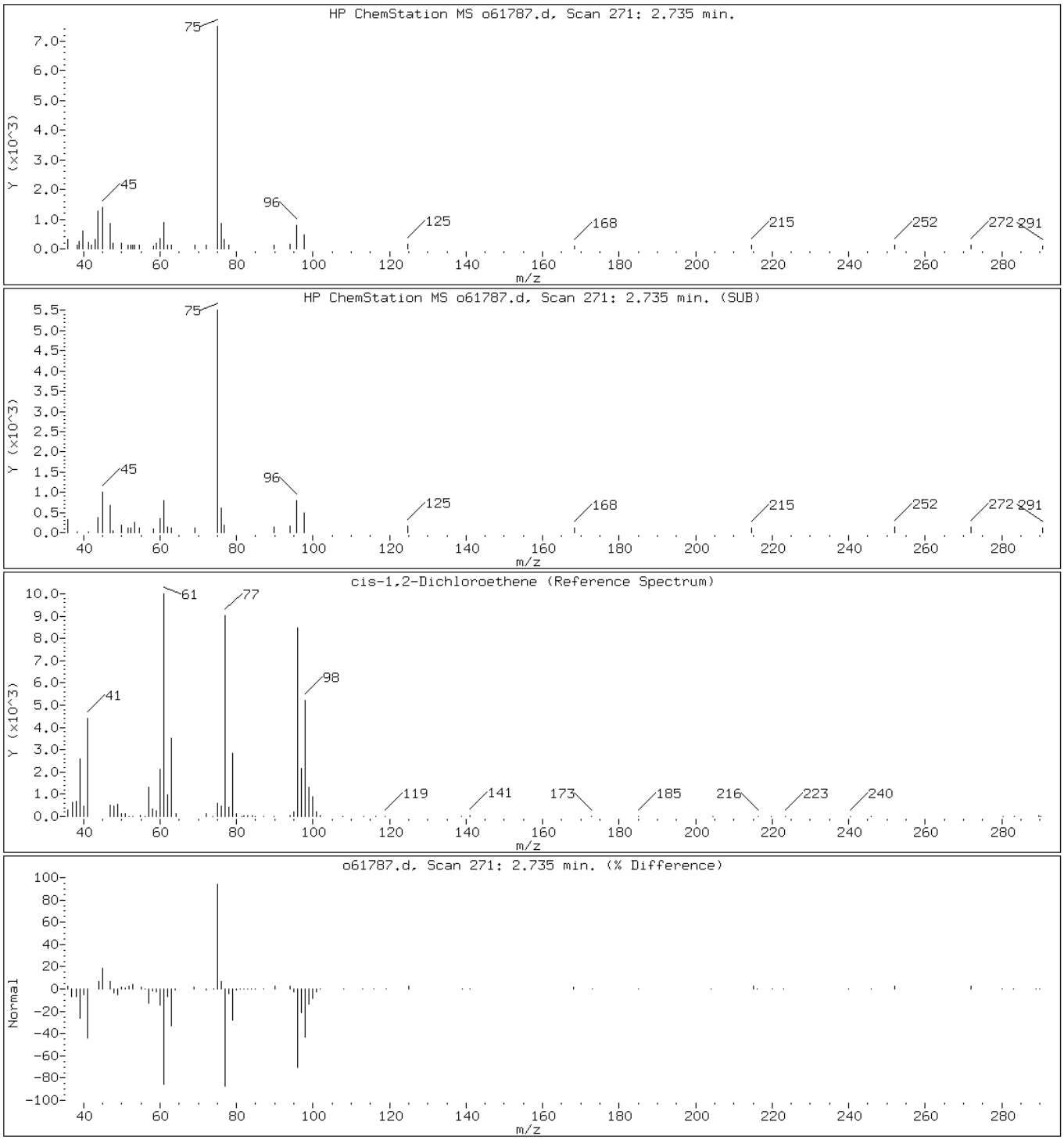
Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



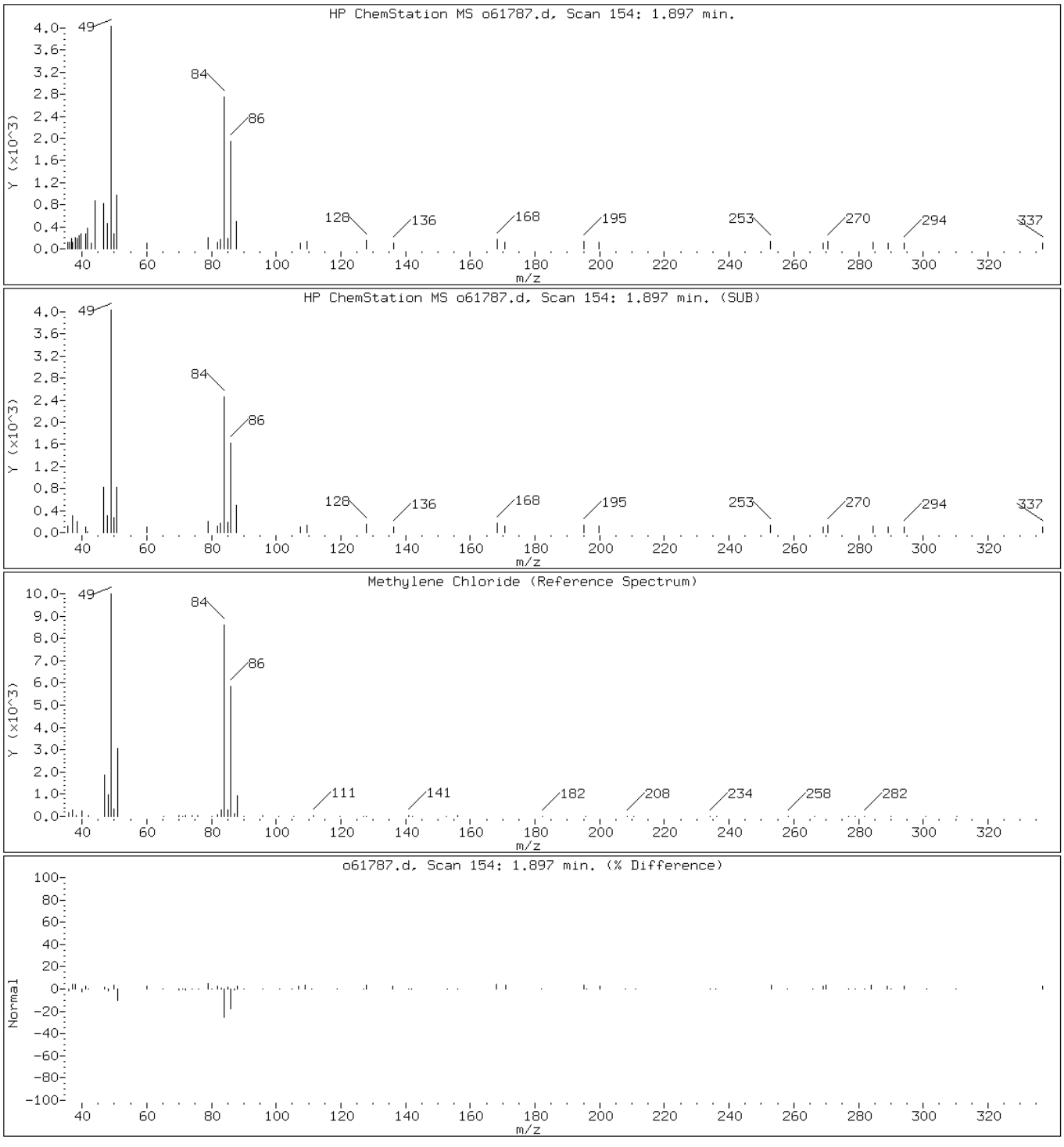
Data File: o61787.d

Date: 02-JUL-2012 09:06

Client ID: SF-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-3-A;;;5.37;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: o61788.d

Analysis Method: 8260B | Date Collected: 06/25/2012 11:30

Sample wt/vol: 5.56(g) | Date Analyzed: 07/02/2012 09:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	3.6	J	10	0.63
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
67-64-1	Acetone	41	B	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.20	J	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: o61788.d

Analysis Method: 8260B | Date Collected: 06/25/2012 11:30

Sample wt/vol: 5.56(g) | Date Analyzed: 07/02/2012 09:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	1.1	B	1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 Lab Sample ID: 460-41730-4

Matrix: Solid Lab File ID: o61788.d

Analysis Method: 8260B Date Collected: 06/25/2012 11:30

Sample wt/vol: 5.56(g) Date Analyzed: 07/02/2012 09:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61788.d
Report Date: 02-Jul-2012 20:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61788.d
Lab Smp Id: 460-41730-B-4-A Client Smp ID: SF-28
Inj Date : 02-JUL-2012 09:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-4-A;;;5.56;5
Misc Info : 460-41730-B-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.56000	Weight of sample extracted (g)
M	10.40268	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	48650	40.9600	41
	8 Carbon Disulfide	76	1.739	1.732	(0.469)	3005	0.19920	0.20(a)
	6 Methylene Chloride	84	1.904	1.897	(0.513)	5007	1.14342	1.1
	18 2-Butanone	72	2.771	2.771	(0.747)	1745	3.55245	3.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	185872	54.1060	54
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	694515	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	615637	47.2185	47
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	591960	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	246270	48.4338	49
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	373987	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61788.d
Report Date: 02-Jul-2012 20:07

QC Flag Legend

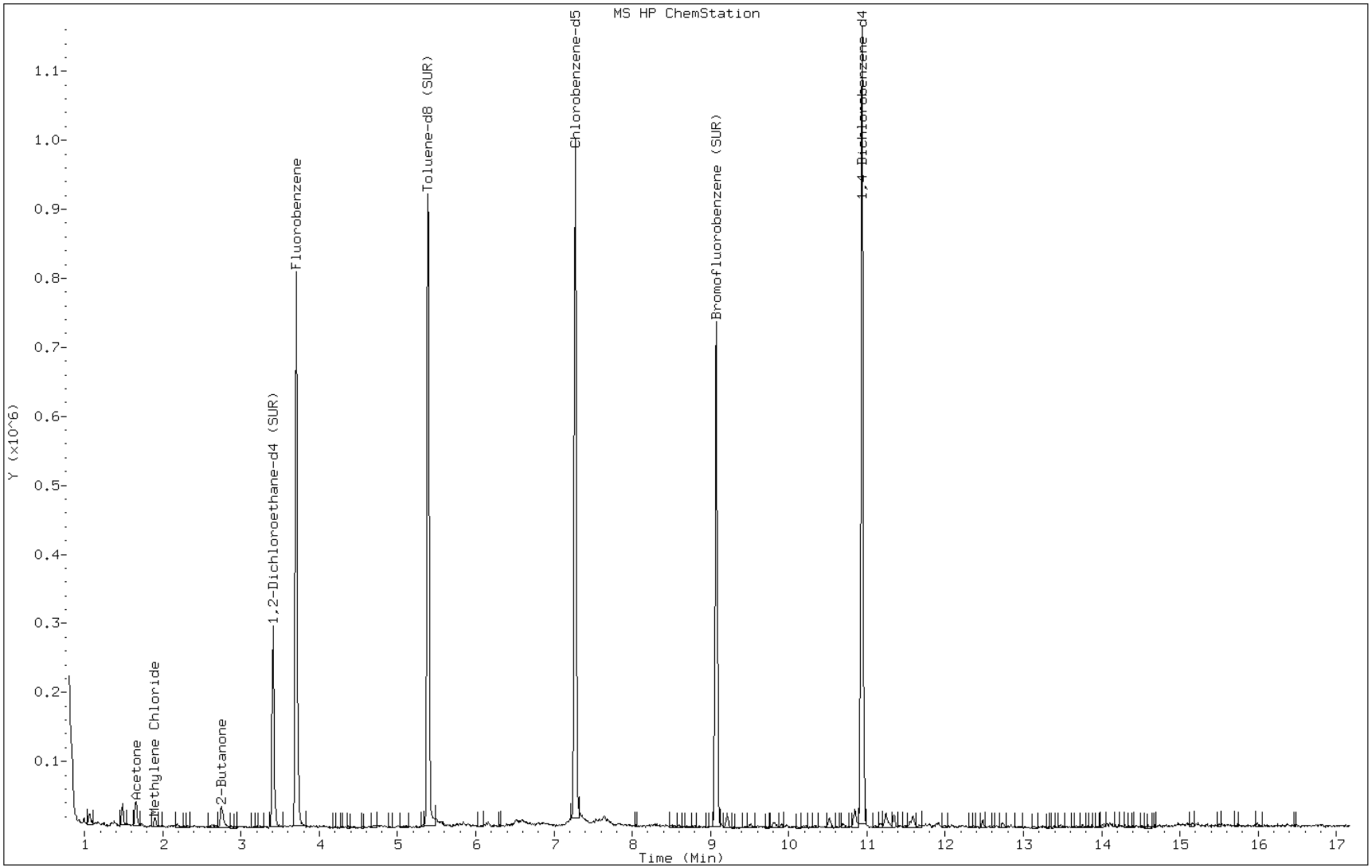
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61788.d

Date: 02-JUL-2012 09:31

Client ID: SF-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-4-A;;;5.56;5 Operator: VOAMS 9



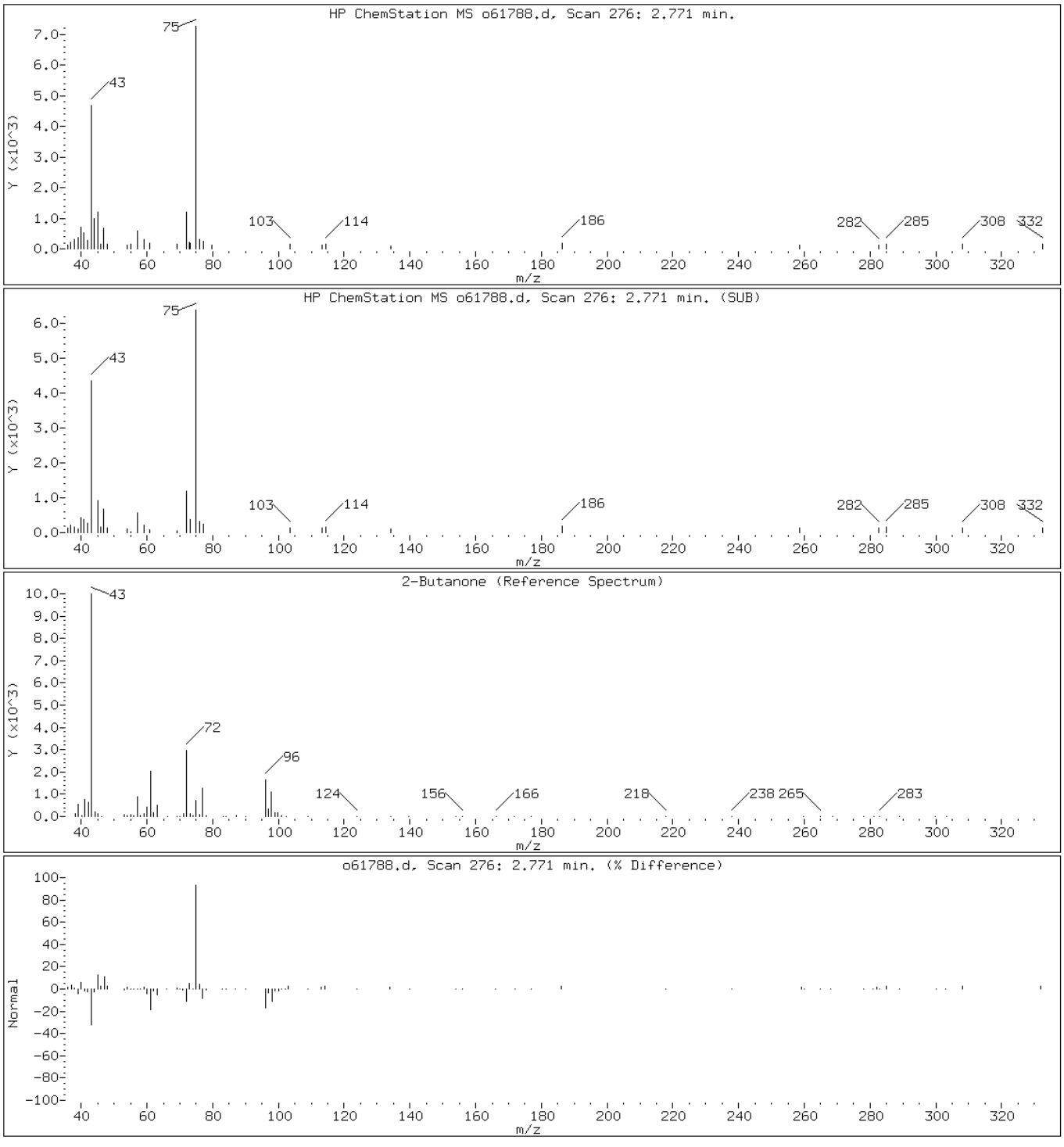
Data File: o61788.d

Date: 02-JUL-2012 09:31

Client ID: SF-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-4-A;;;5.56;5 Operator: VOAMS 9

18 2-Butanone



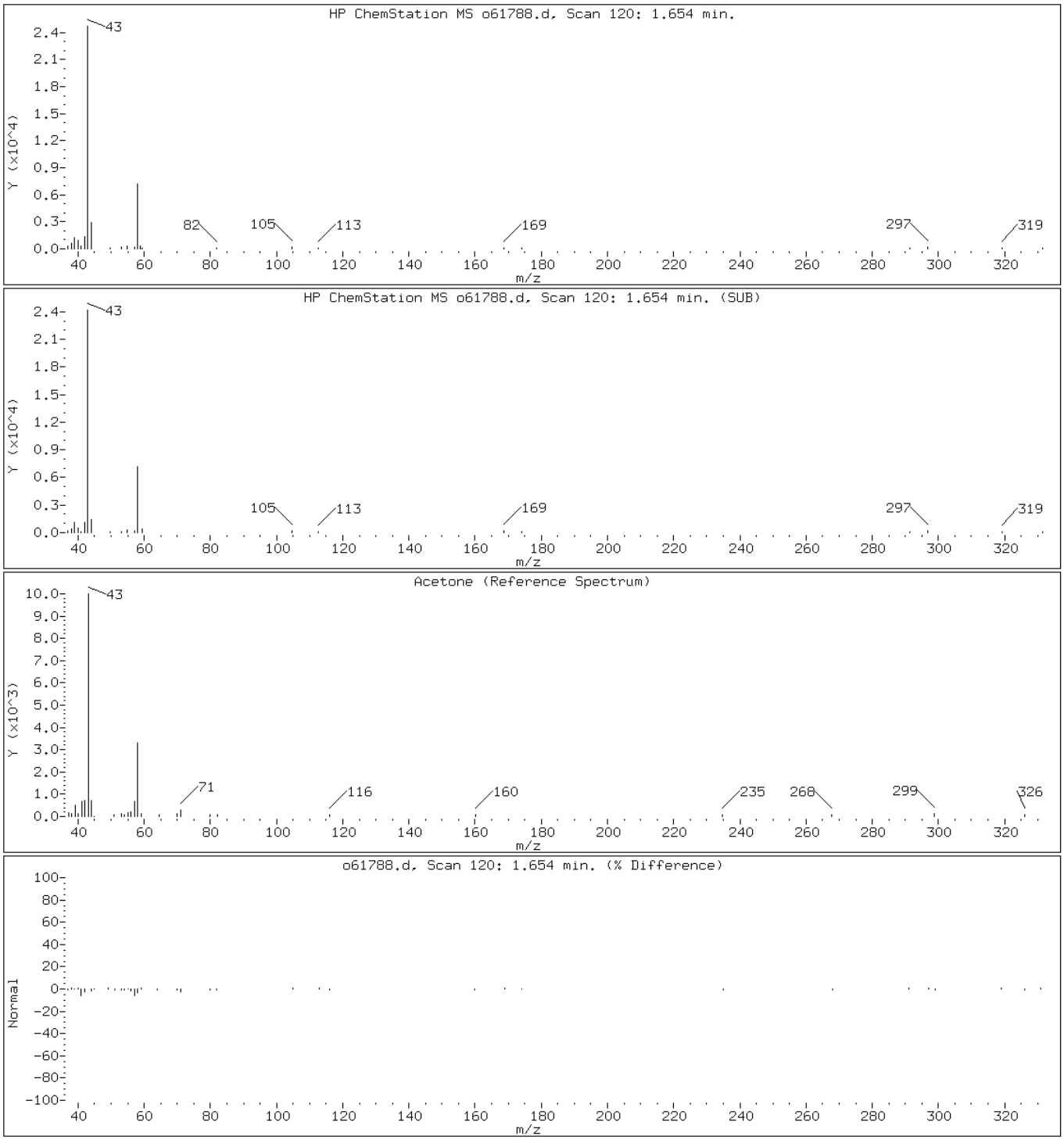
Data File: o61788.d

Date: 02-JUL-2012 09:31

Client ID: SF-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-4-A;;;5.56;5 Operator: VOAMS 9

7 Acetone



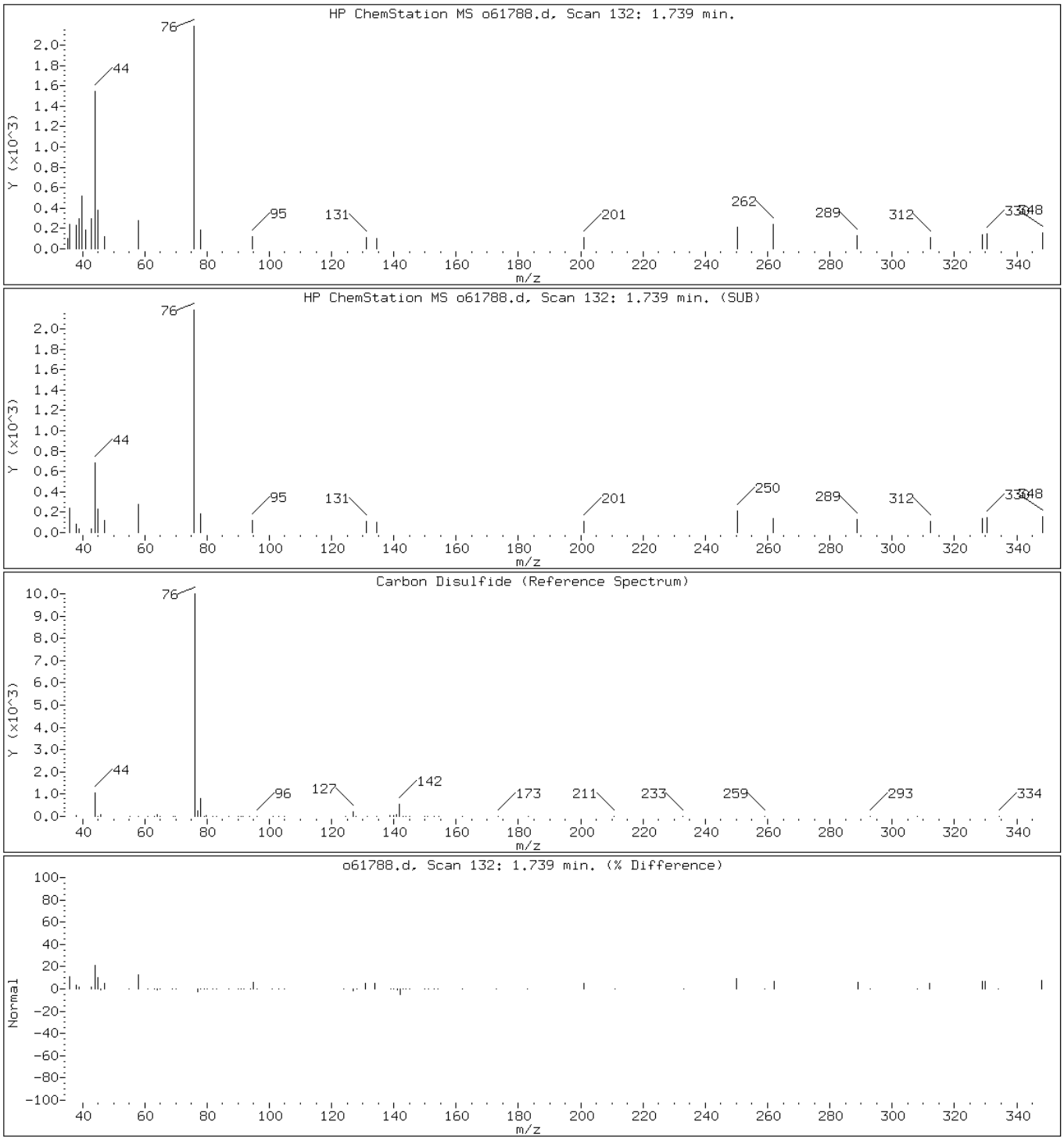
Data File: o61788.d

Date: 02-JUL-2012 09:31

Client ID: SF-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-4-A;;;5.56;5 Operator: VOAMS 9

8 Carbon Disulfide



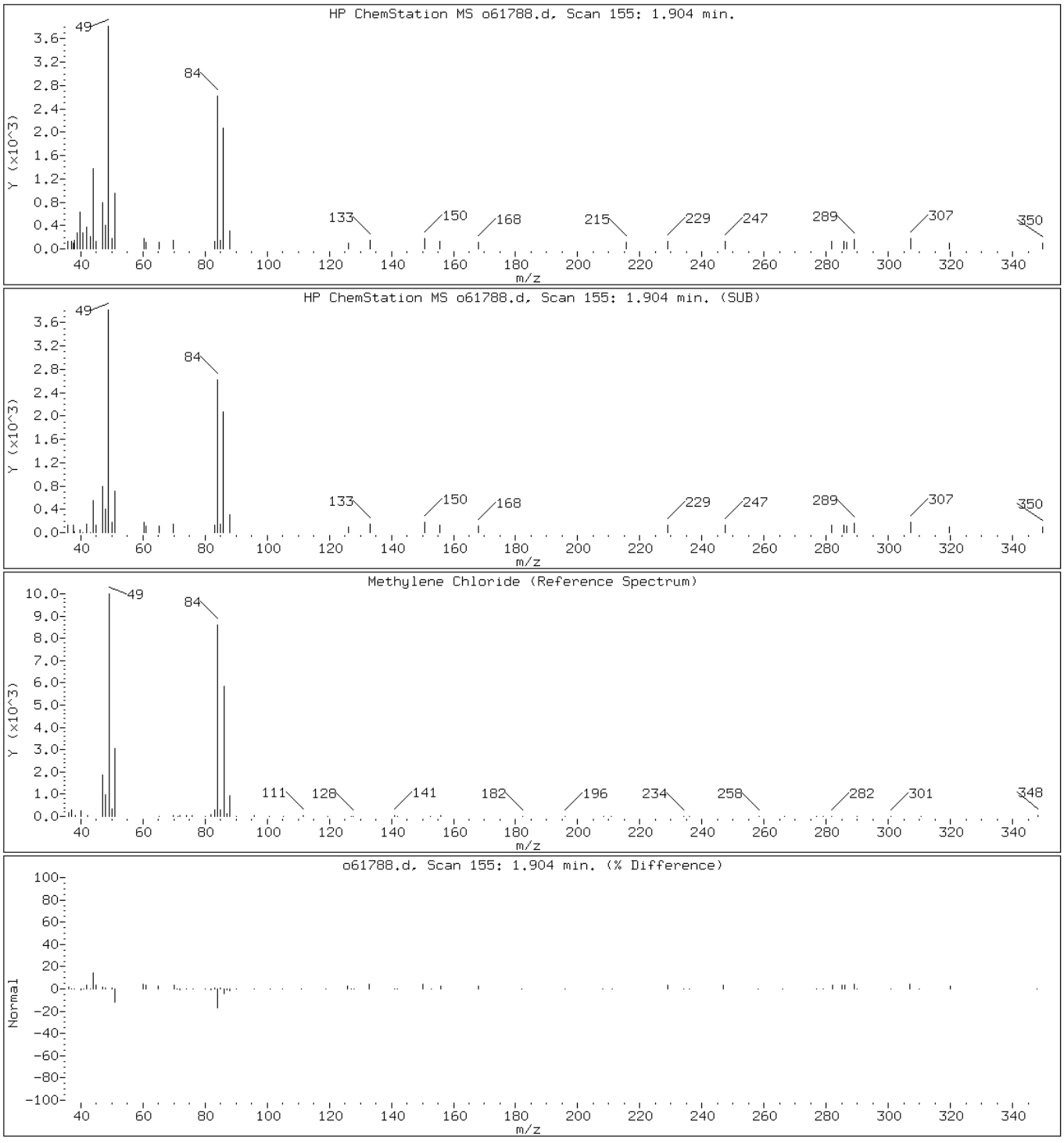
Data File: o61788.d

Date: 02-JUL-2012 09:31

Client ID: SF-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-4-A;;;5.56;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: o61814.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.43(g) | Date Analyzed: 07/02/2012 20:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.098	U	1.1	0.098
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	54	14
78-93-3	2-Butanone	3.4	J	11	0.69
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	16	B	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U *	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-15-0	Carbon disulfide	0.19	J	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.36	U	1.1	0.36
67-66-3	Chloroform	0.26	U	1.1	0.26
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: o61814.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.43(g) | Date Analyzed: 07/02/2012 20:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.2	B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.28	J	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
1330-20-7	Xylenes, Total	0.73	U	3.3	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 Lab Sample ID: 460-41730-5

Matrix: Solid Lab File ID: o61814.d

Analysis Method: 8260B Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.43(g) Date Analyzed: 07/02/2012 20:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61814.d
Report Date: 03-Jul-2012 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61814.d
Lab Smp Id: 460-41730-C-5-A Client Smp ID: SF-29
Inj Date : 02-JUL-2012 20:58
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-C-5-A;;;5.43;5
Misc Info : 460-41730-C-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.43000	Weight of sample extracted (g)
M	15.50802	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.447)	17959	14.8793	16
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	2700	0.17613	0.19(a)
	6 Methylene Chloride	84	1.897	1.897	(0.512)	4791	1.07666	1.2
	18 2-Butanone	72	2.771	2.778	(0.748)	1558	3.12122	3.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	190848	54.6693	60
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	705761	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	618345	46.2855	50
	38 Toluene	91	5.464	5.464	(0.752)	6757	0.25526	0.28(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	606549	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	246795	49.9136	54
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	363673	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61814.d
Report Date: 03-Jul-2012 13:18

QC Flag Legend

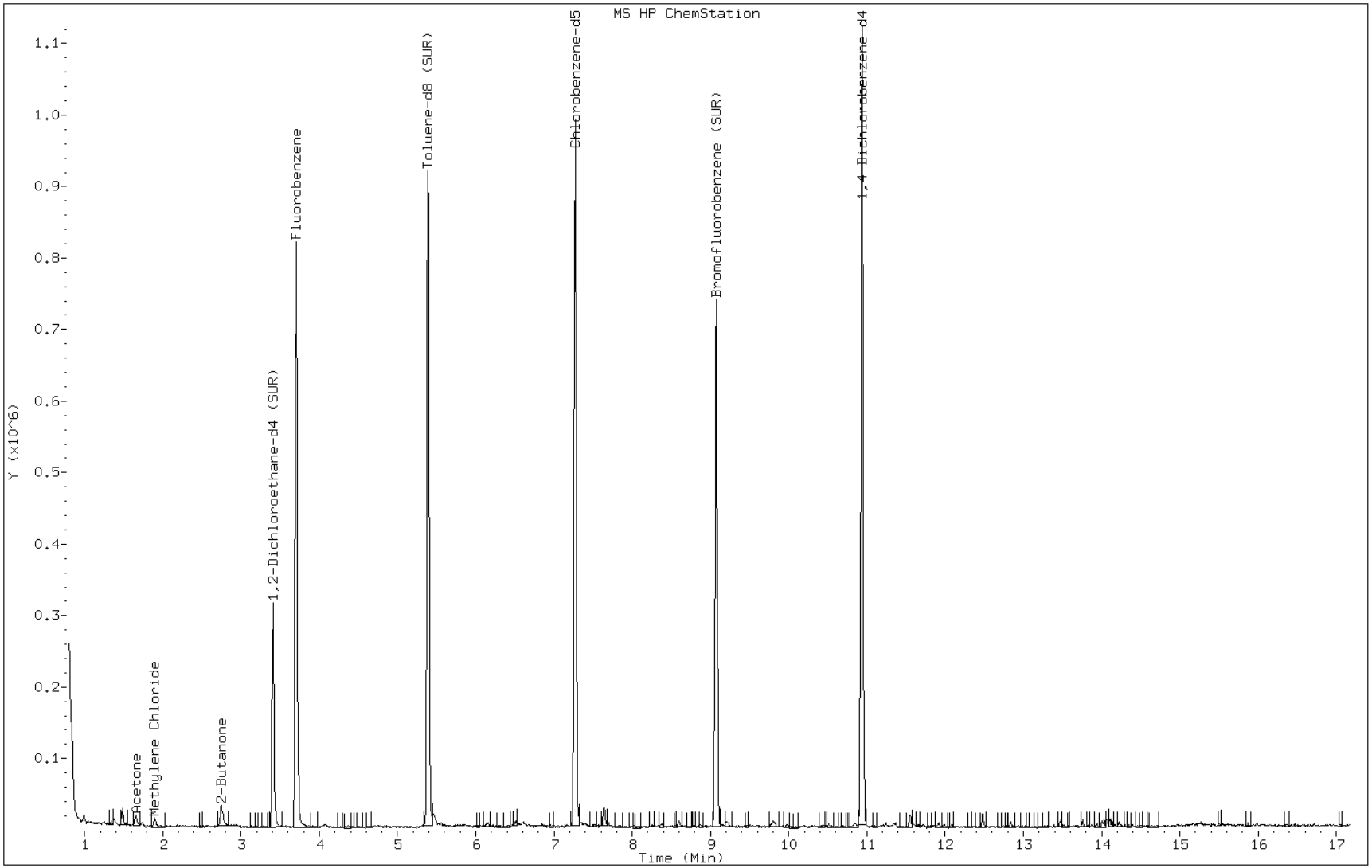
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9



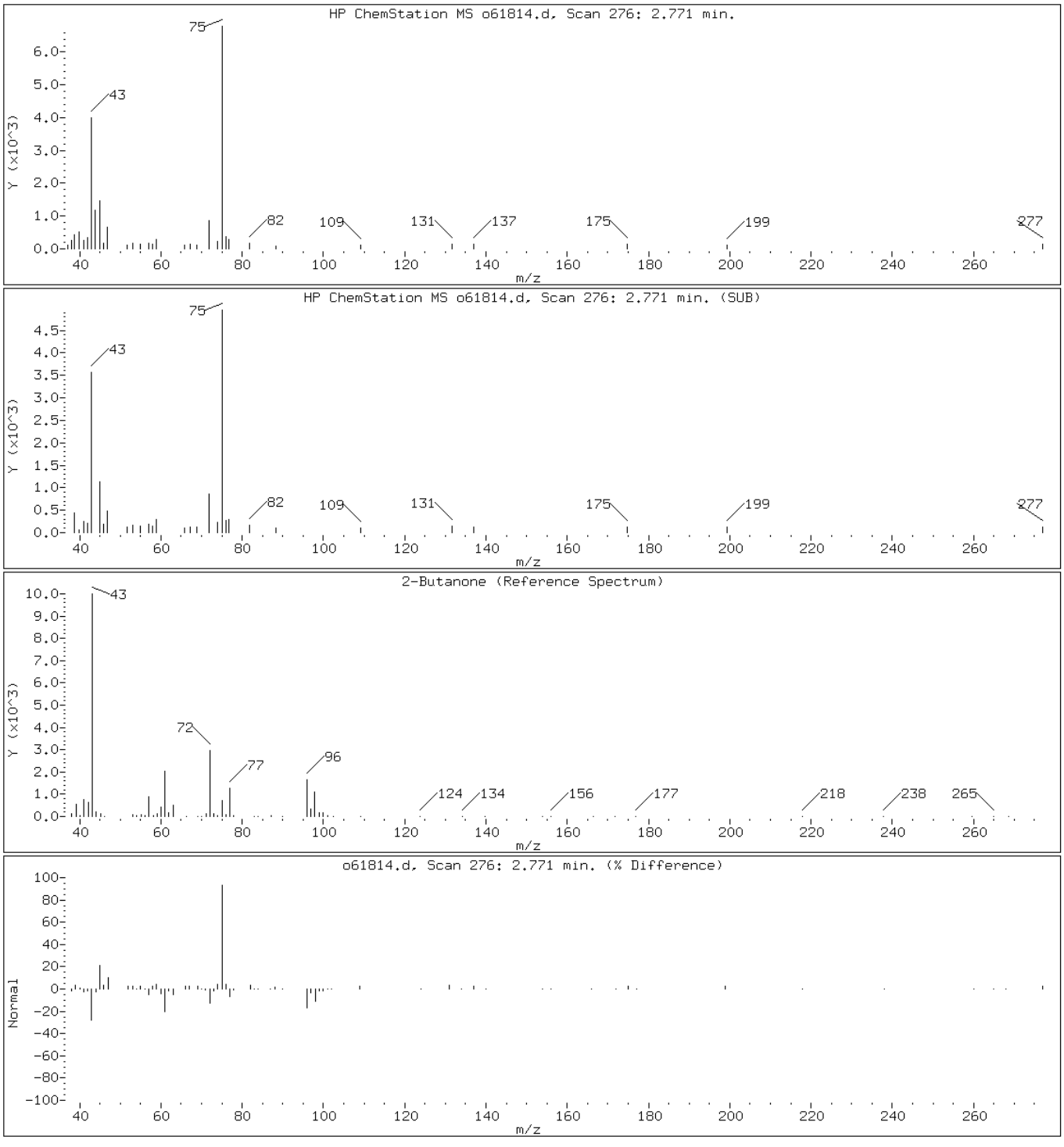
Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9

18 2-Butanone



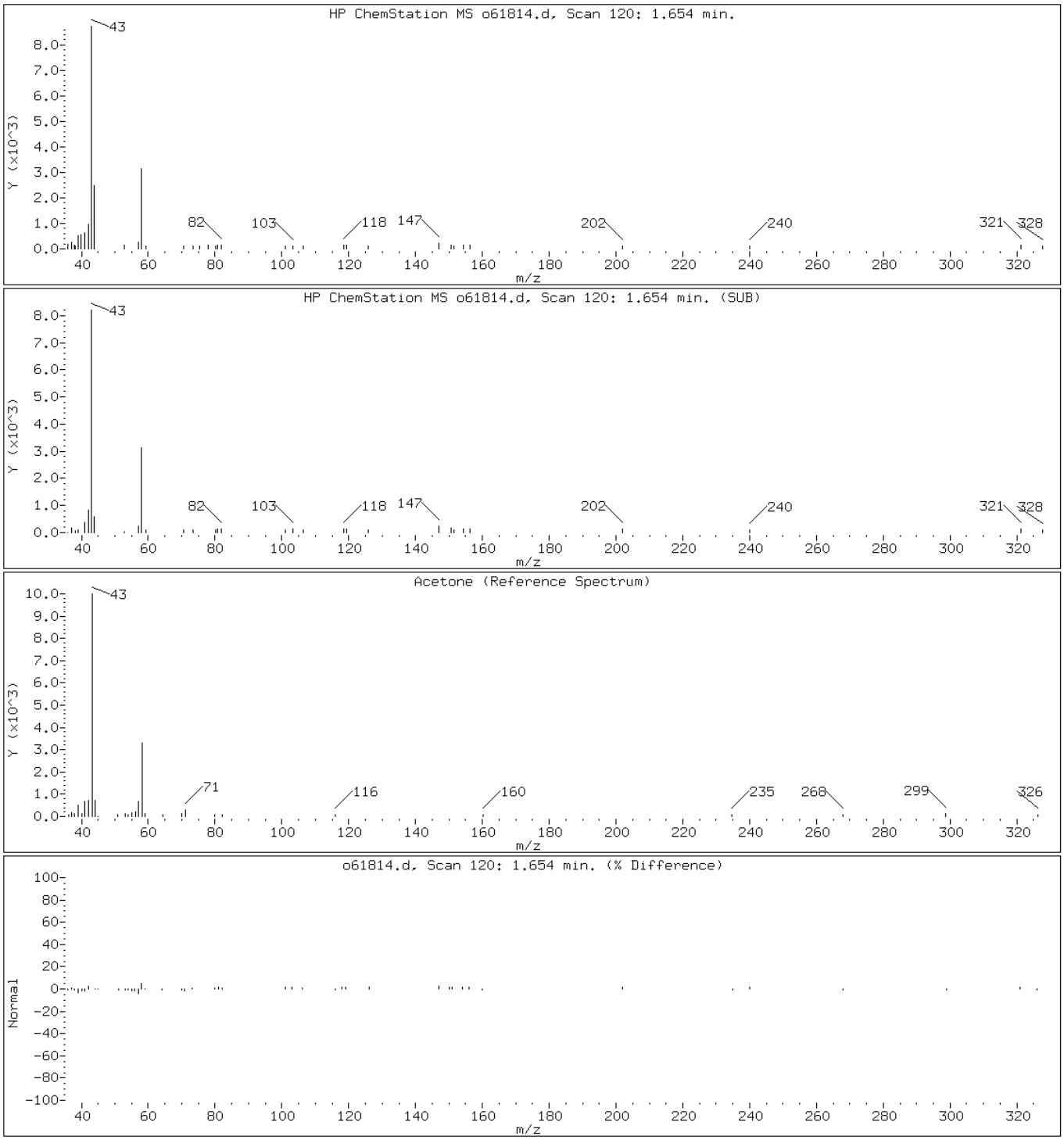
Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9

7 Acetone



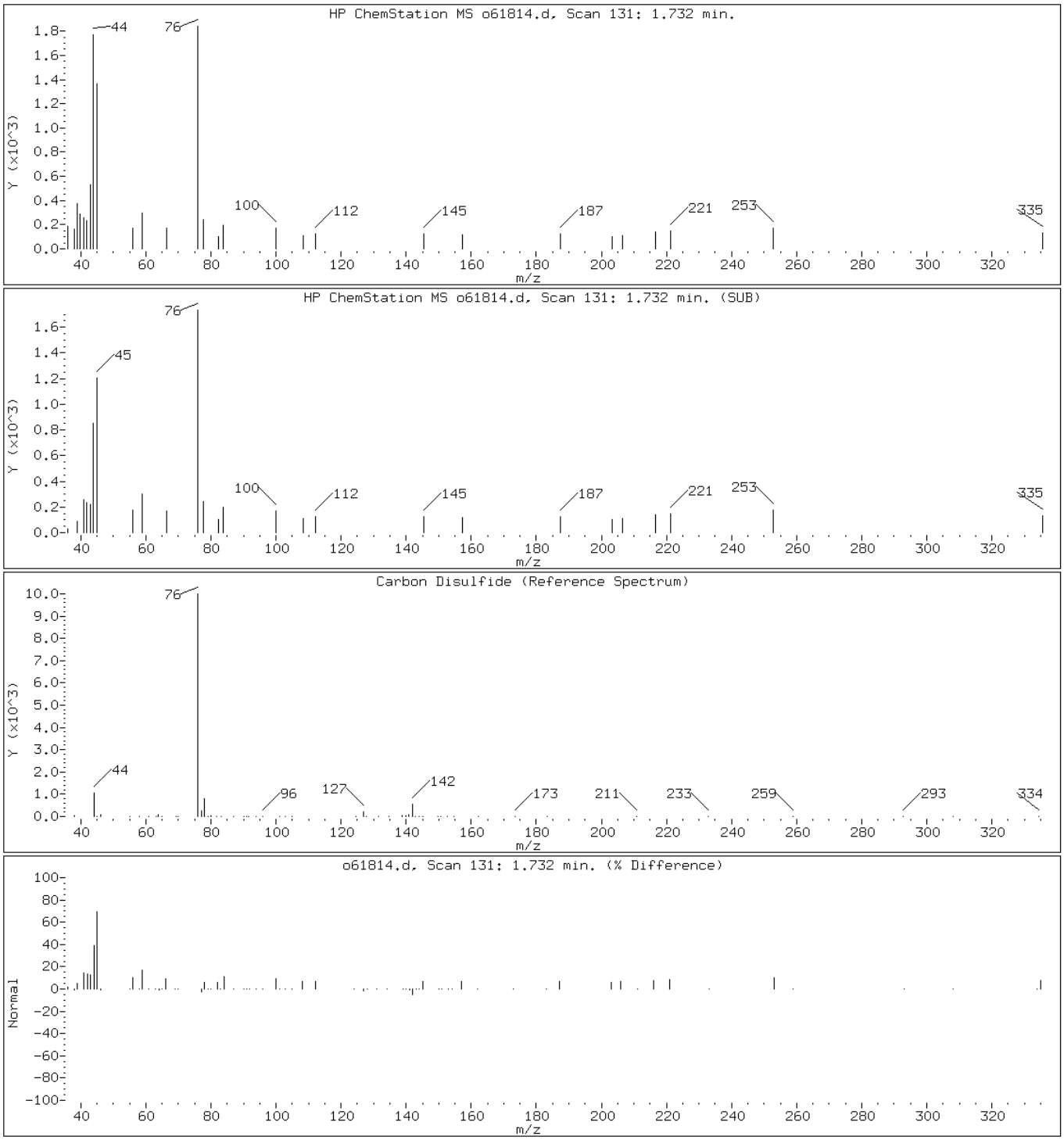
Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9

8 Carbon Disulfide



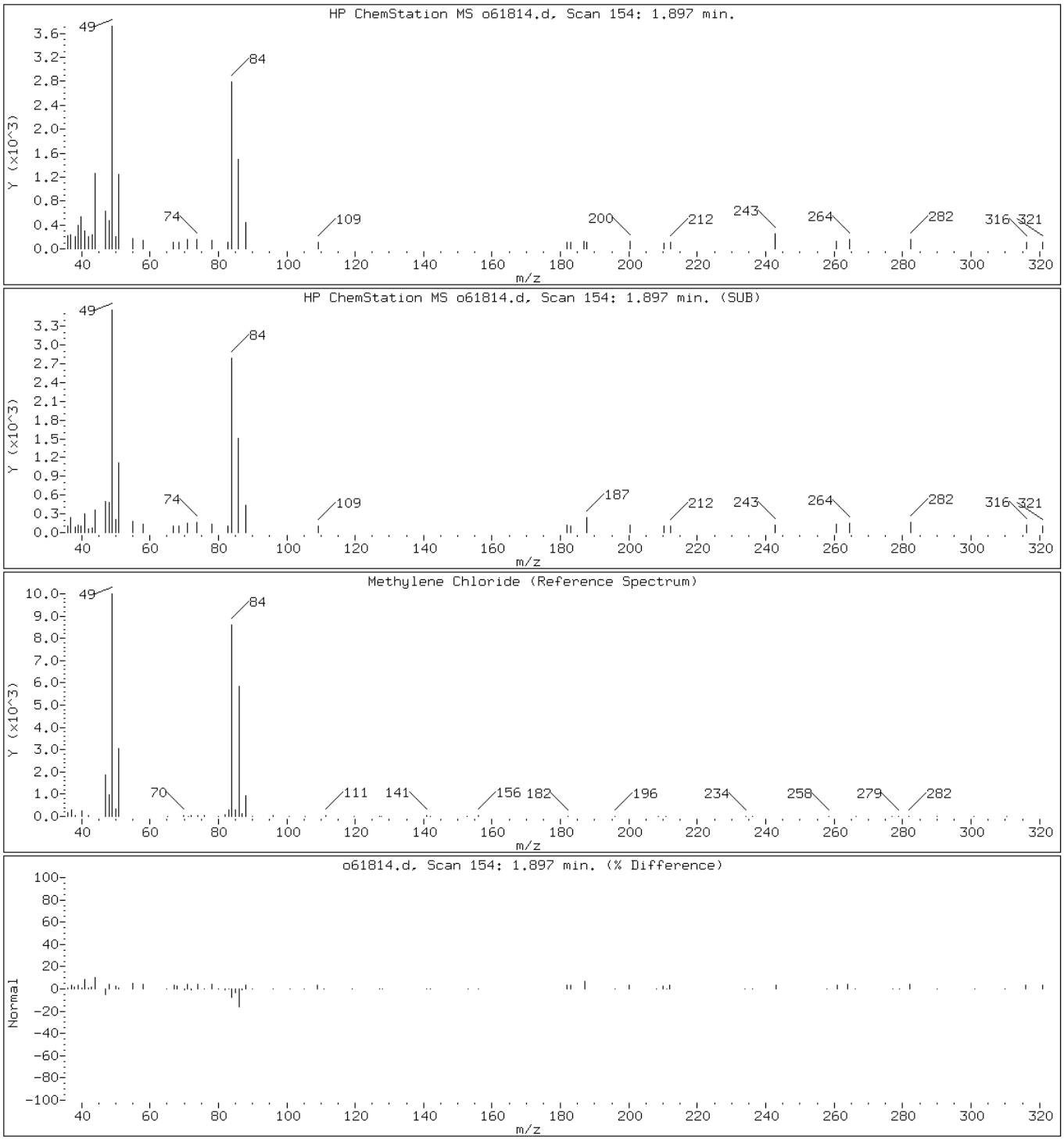
Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9

6 Methylene Chloride



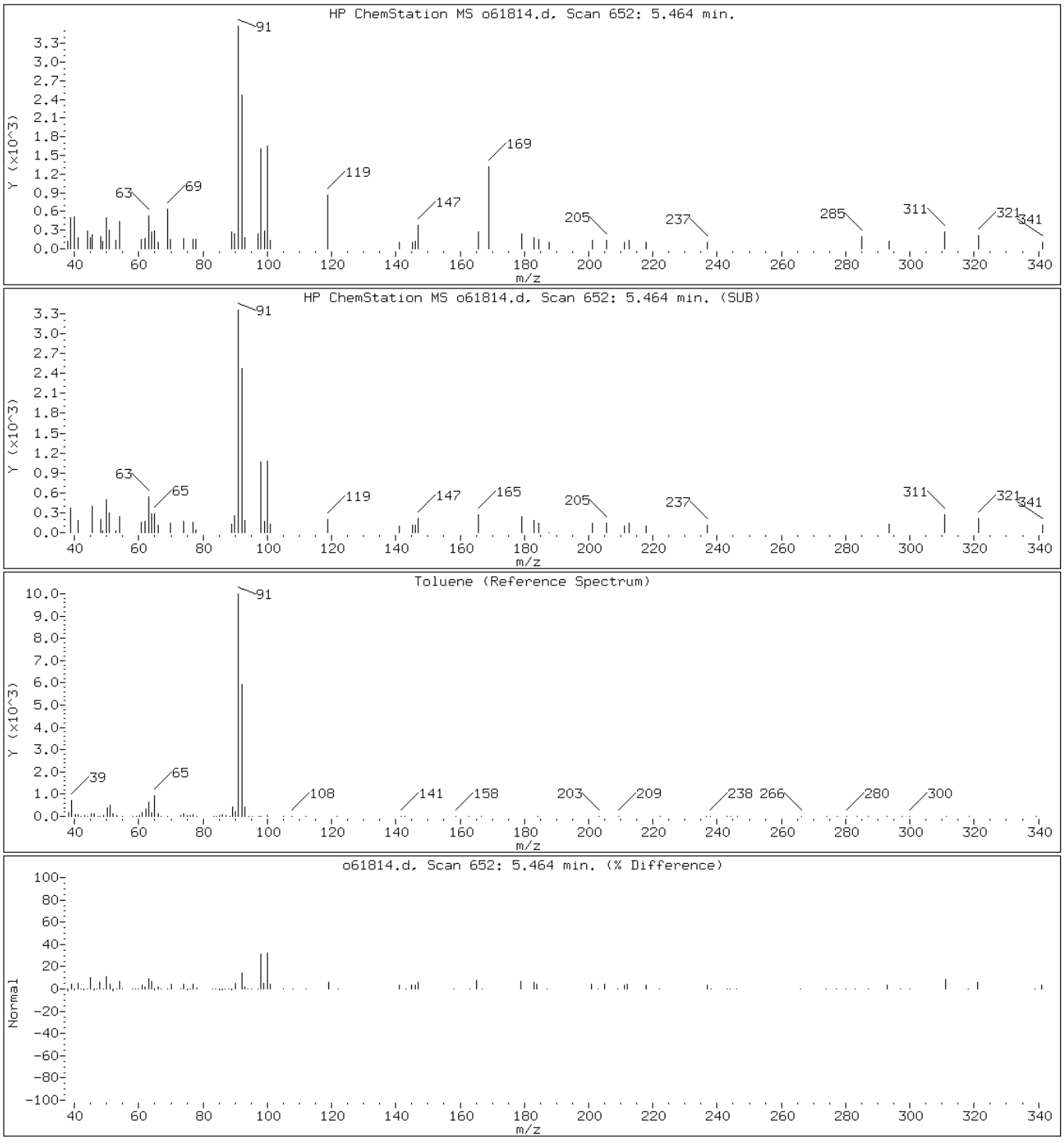
Data File: o61814.d

Date: 02-JUL-2012 20:58

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-C-5-A;;;5.43;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: o61789.d

Analysis Method: 8260B | Date Collected: 06/25/2012 13:45

Sample wt/vol: 4.57(g) | Date Analyzed: 07/02/2012 09:56

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.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.2	0.24
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	0.14	U	1.2	0.14
123-91-1	1,4-Dioxane	16	U	62	16
78-93-3	2-Butanone	4.2	J	12	0.79
591-78-6	2-Hexanone	0.16	U	12	0.16
108-10-1	4-Methyl-2-pentanone	1.0	J	12	0.25
67-64-1	Acetone	37	B	12	2.1
71-43-2	Benzene	0.19	U	1.2	0.19
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.40	U	1.2	0.40
75-25-2	Bromoform	0.21	U	1.2	0.21
74-83-9	Bromomethane	0.54	U	1.2	0.54
75-15-0	Carbon disulfide	0.22	J	1.2	0.19
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
75-00-3	Chloroethane	0.41	U	1.2	0.41
67-66-3	Chloroform	0.30	U	1.2	0.30
74-87-3	Chloromethane	0.20	U	1.2	0.20
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
100-41-4	Ethylbenzene	0.21	U	1.2	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: o61789.d

Analysis Method: 8260B | Date Collected: 06/25/2012 13:45

Sample wt/vol: 4.57(g) | Date Analyzed: 07/02/2012 09:56

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.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.14	U	1.2	0.14
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	1.4	B	1.2	0.19
1634-04-4	MTBE	0.14	U	1.2	0.14
100-42-5	Styrene	0.35	U	1.2	0.35
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.15	U	1.2	0.15
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
1330-20-7	Xylenes, Total	0.84	U	3.7	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 Lab Sample ID: 460-41730-6

Matrix: Solid Lab File ID: o61789.d

Analysis Method: 8260B Date Collected: 06/25/2012 13:45

Sample wt/vol: 4.57(g) Date Analyzed: 07/02/2012 09:56

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.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61789.d
Report Date: 02-Jul-2012 20:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61789.d
Lab Smp Id: 460-41730-B-6-A Client Smp ID: SF-30
Inj Date : 02-JUL-2012 09:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-6-A;;;4.57;5
Misc Info : 460-41730-B-6-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.57000	Weight of sample extracted (g)
M	12.38616	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.449)	36846	29.4442	37
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	2740	0.17240	0.22(a)
	6 Methylene Chloride	84	1.897	1.897	(0.512)	5095	1.10435	1.4
	18 2-Butanone	72	2.771	2.771	(0.748)	1760	3.40078	4.2(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	199284	55.0601	69
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	731727	50.0000	
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	3097	0.82434	1.0(aH)
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	637747	48.0322	60
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	602832	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	244868	48.3554	60
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	372461	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61789.d
Report Date: 02-Jul-2012 20:08

QC Flag Legend

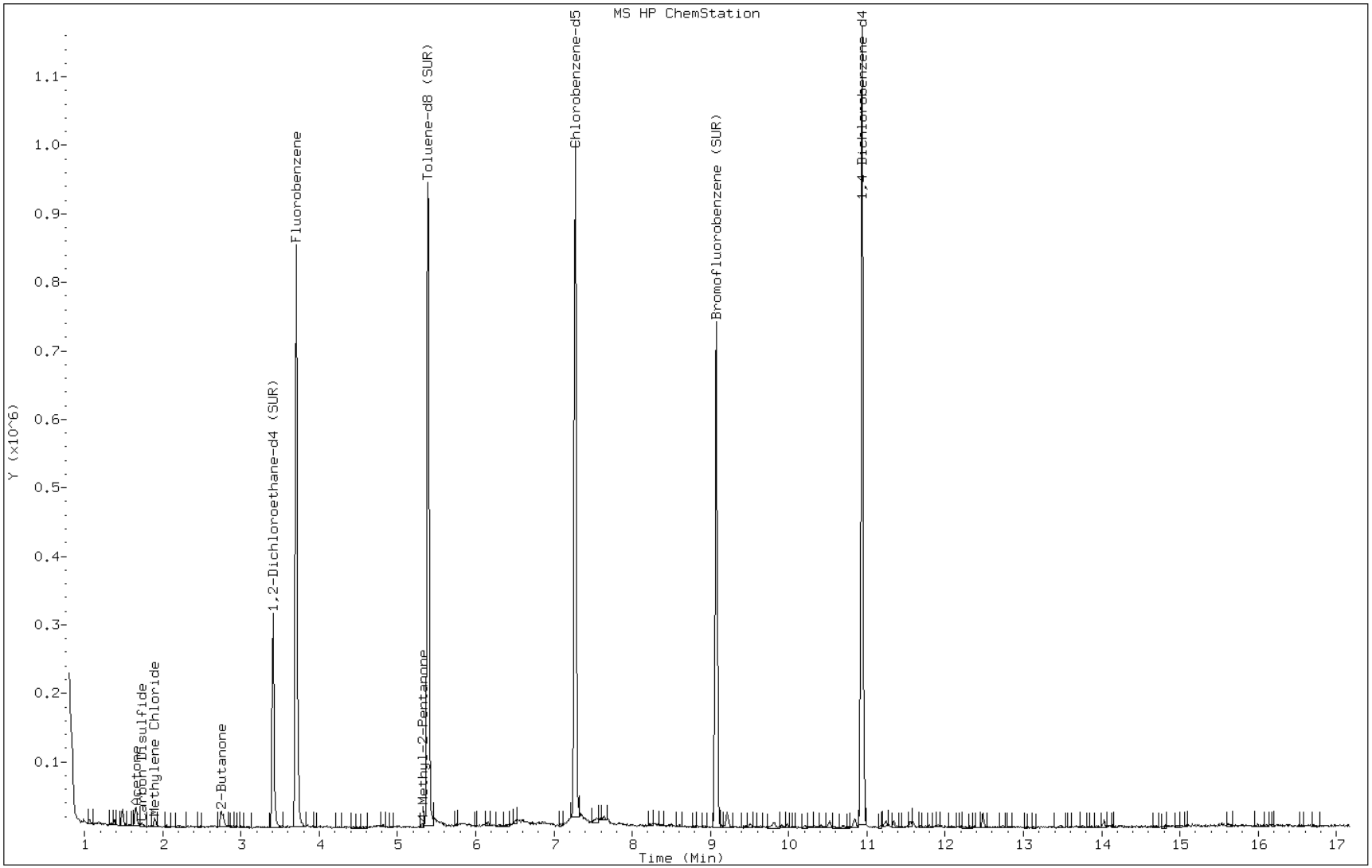
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9



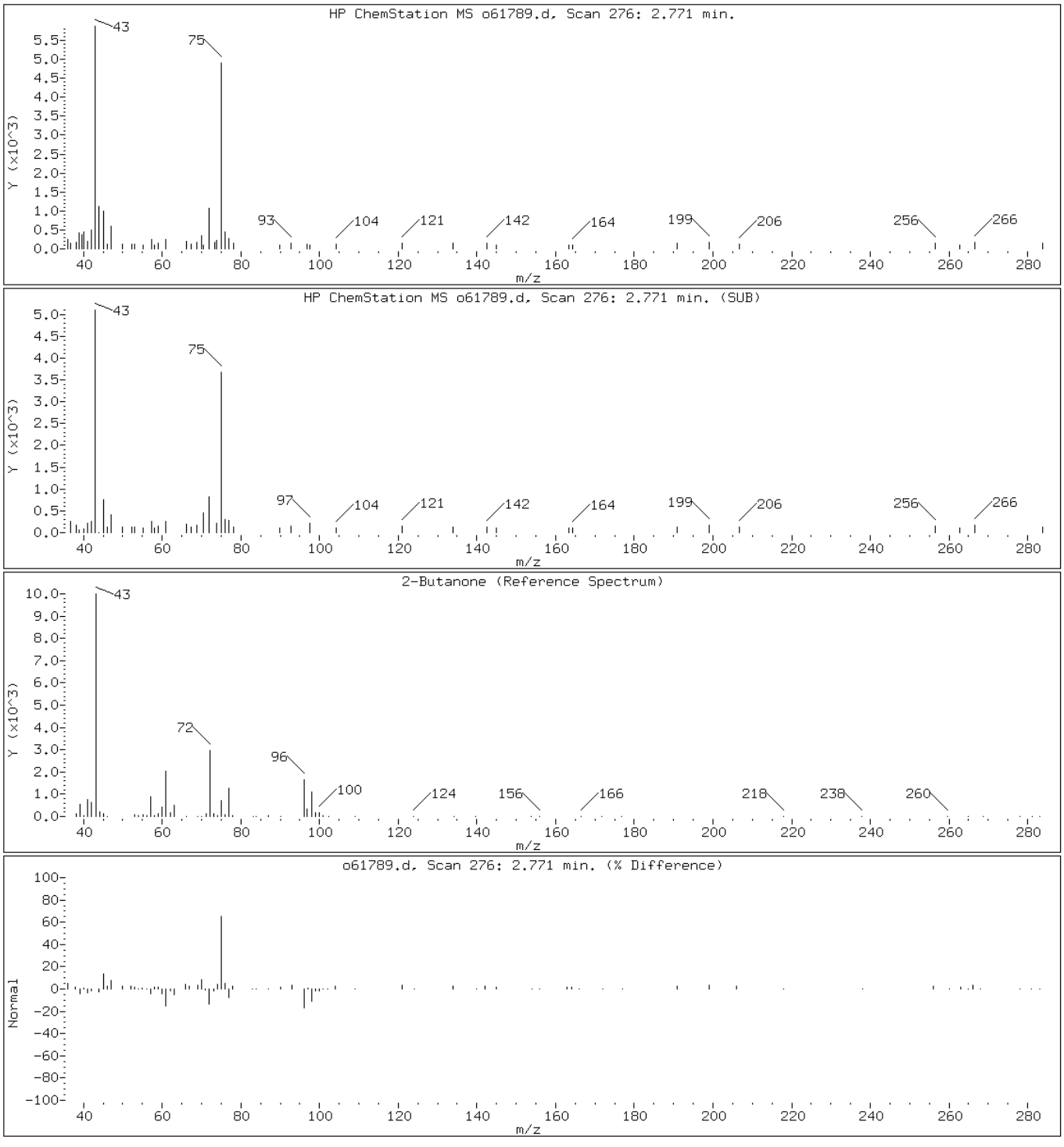
Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9

18 2-Butanone



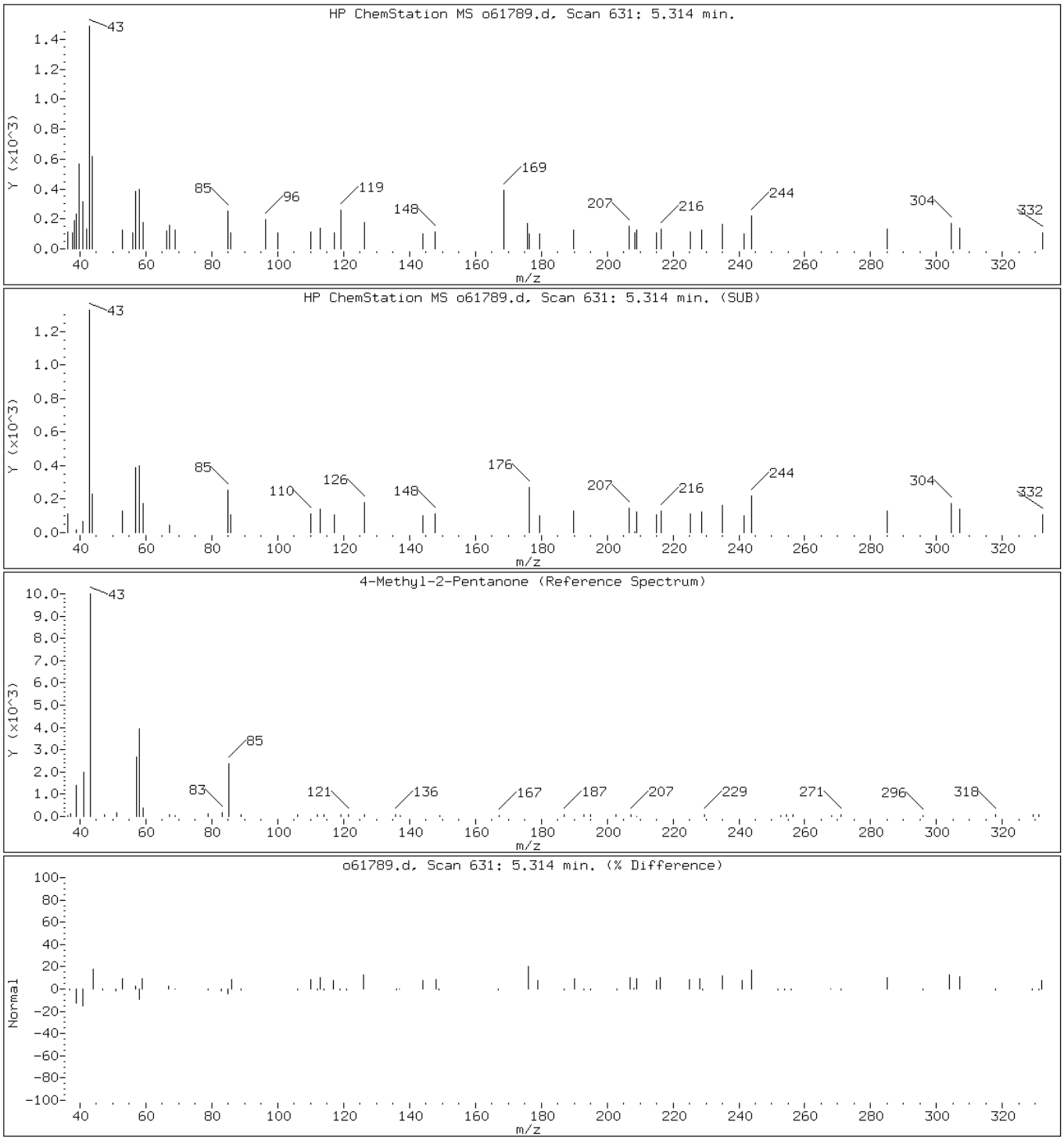
Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



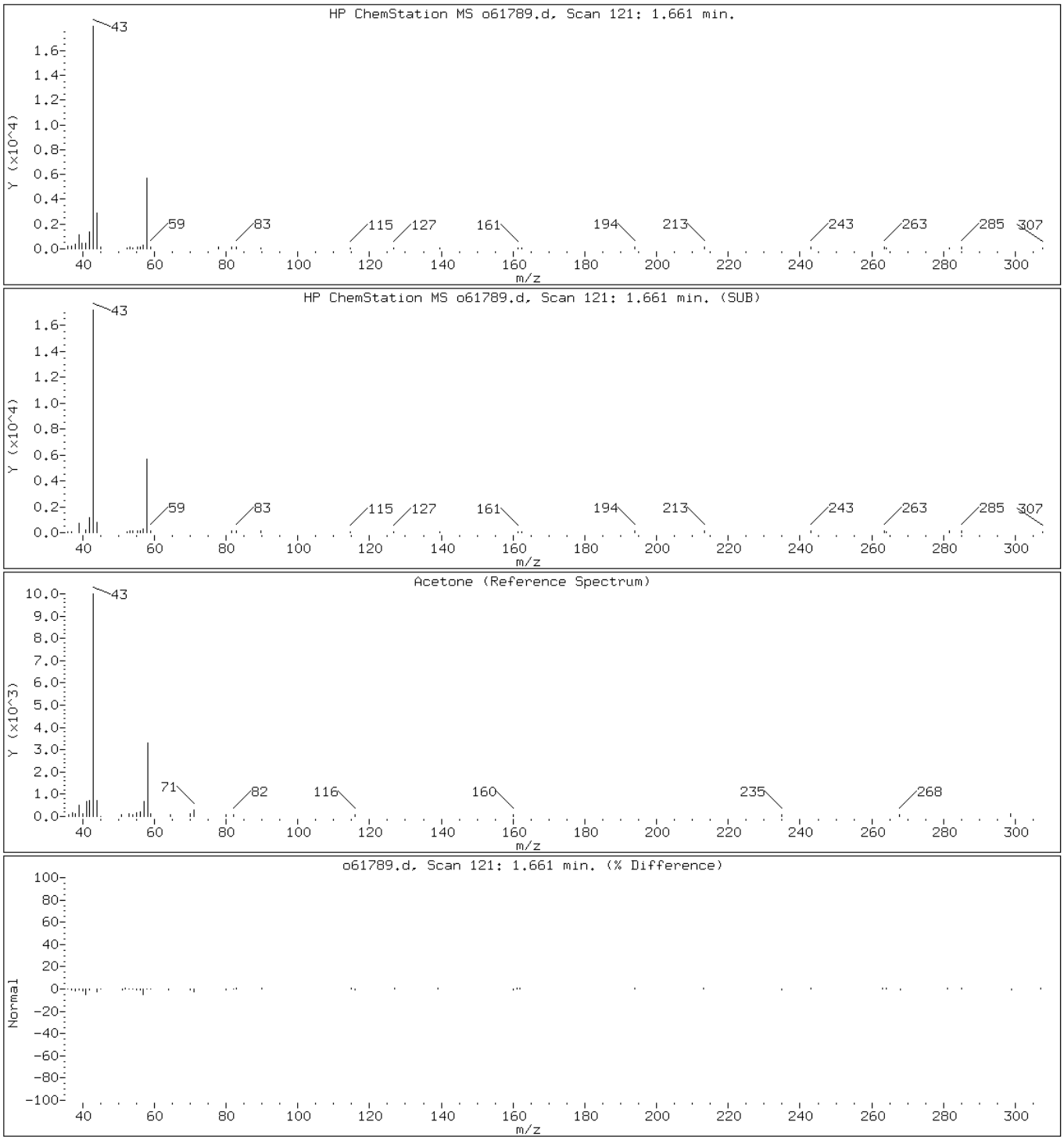
Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9

7 Acetone



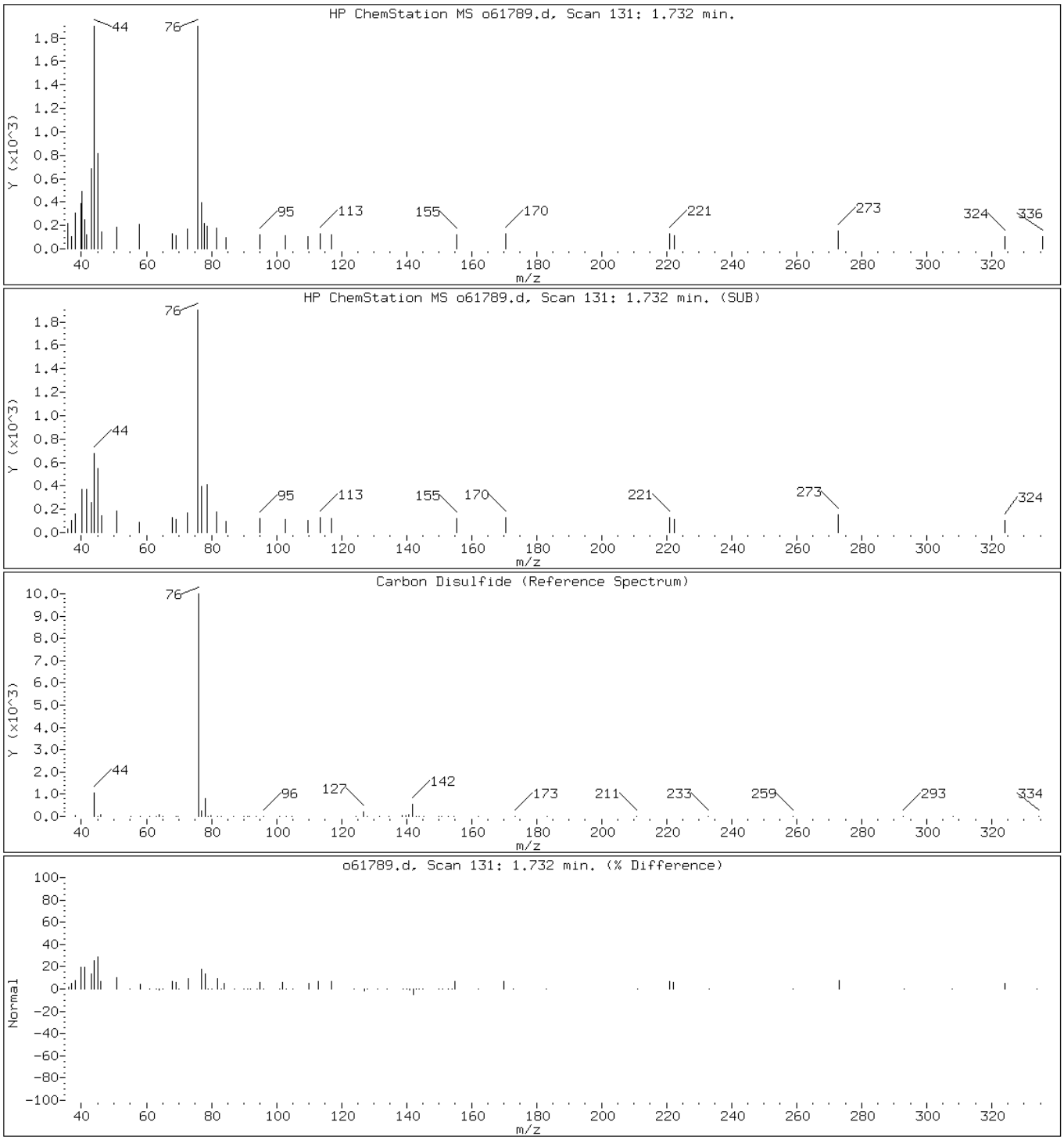
Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9

8 Carbon Disulfide



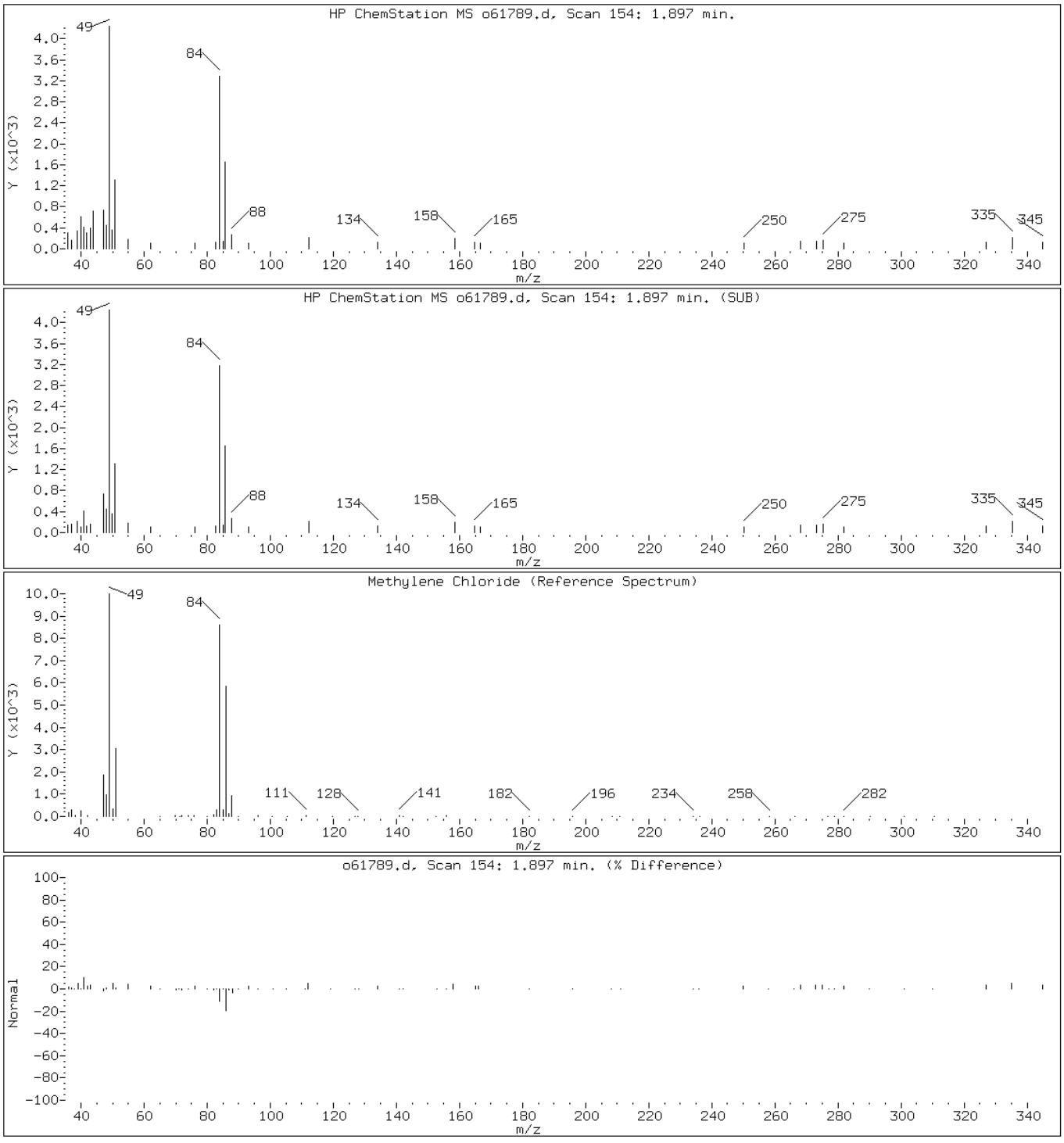
Data File: o61789.d

Date: 02-JUL-2012 09:56

Client ID: SF-30 Instrument: VOAMS12.i

Sample Info: 460-41730-B-6-A;;;4.57;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: o61790.d

Analysis Method: 8260B | Date Collected: 06/26/2012 08:40

Sample wt/vol: 5.07(g) | Date Analyzed: 07/02/2012 10:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.2	0.18
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.2	0.18
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
123-91-1	1,4-Dioxane	15	U	58	15
78-93-3	2-Butanone	6.6	J	12	0.73
591-78-6	2-Hexanone	0.15	U	12	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
67-64-1	Acetone	37	B	12	1.9
71-43-2	Benzene	0.17	U	1.2	0.17
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37
75-25-2	Bromoform	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.49	U	1.2	0.49
75-15-0	Carbon disulfide	0.34	J	1.2	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
75-00-3	Chloroethane	0.38	U	1.2	0.38
67-66-3	Chloroform	0.28	U	1.2	0.28
74-87-3	Chloromethane	0.18	U	1.2	0.18
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
110-82-7	Cyclohexane	0.15	U	1.2	0.15
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.25	U	1.2	0.25
100-41-4	Ethylbenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: o61790.d

Analysis Method: 8260B | Date Collected: 06/26/2012 08:40

Sample wt/vol: 5.07(g) | Date Analyzed: 07/02/2012 10:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	1.6	B	1.2	0.17
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.32	U	1.2	0.32
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.14	U	1.2	0.14
75-69-4	Trichlorofluoromethane	0.18	U	1.2	0.18
75-01-4	Vinyl chloride	0.39	U	1.2	0.39
1330-20-7	Xylenes, Total	0.77	U	3.5	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 Lab Sample ID: 460-41730-7

Matrix: Solid Lab File ID: o61790.d

Analysis Method: 8260B Date Collected: 06/26/2012 08:40

Sample wt/vol: 5.07(g) Date Analyzed: 07/02/2012 10:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61790.d
Report Date: 02-Jul-2012 20:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61790.d
Lab Smp Id: 460-41730-B-7-A Client Smp ID: SF-31
Inj Date : 02-JUL-2012 10:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-7-A;;;5.07;5
Misc Info : 460-41730-B-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.07000	Weight of sample extracted (g)
M	14.31335	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.447)	34644	31.9623	37
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	4085	0.29674	0.34(a)
	6 Methylene Chloride	84	1.897	1.897	(0.512)	5472	1.36933	1.6
	18 2-Butanone	72	2.771	2.771	(0.748)	2587	5.77114	6.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	180469	57.5660	66
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	633796	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.740)	570251	46.1302	53
*	32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	561256	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	233526	48.7898	56
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	352046	50.0000	
	70 Naphthalene	128	13.473	13.480	(1.232)	9212	0.39146	0.45(a)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61790.d
Report Date: 02-Jul-2012 20:09

QC Flag Legend

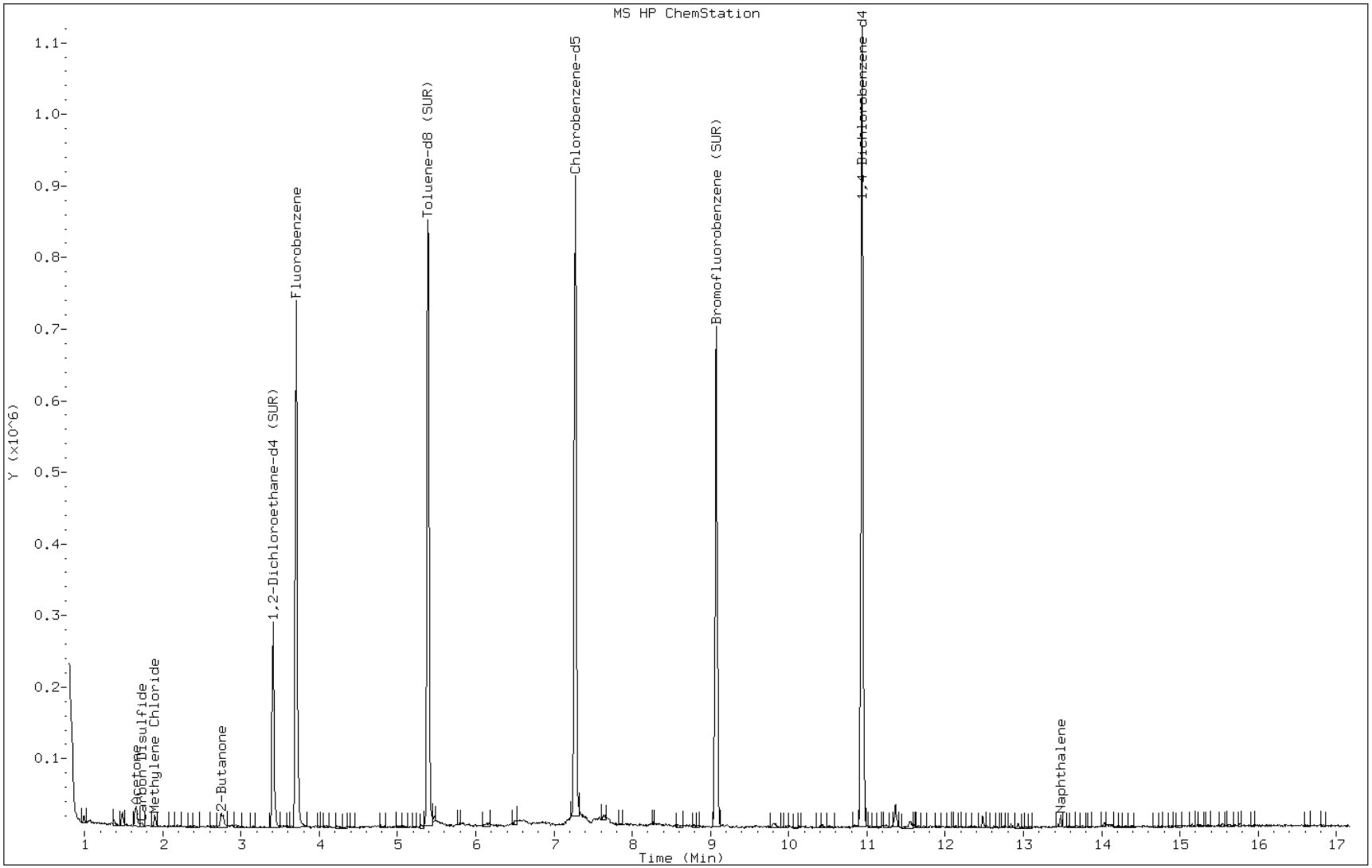
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61790.d

Date: 02-JUL-2012 10:21

Client ID: SF-31 Instrument: VOAMS12.i

Sample Info: 460-41730-B-7-A;;;5.07;5 Operator: VOAMS 9



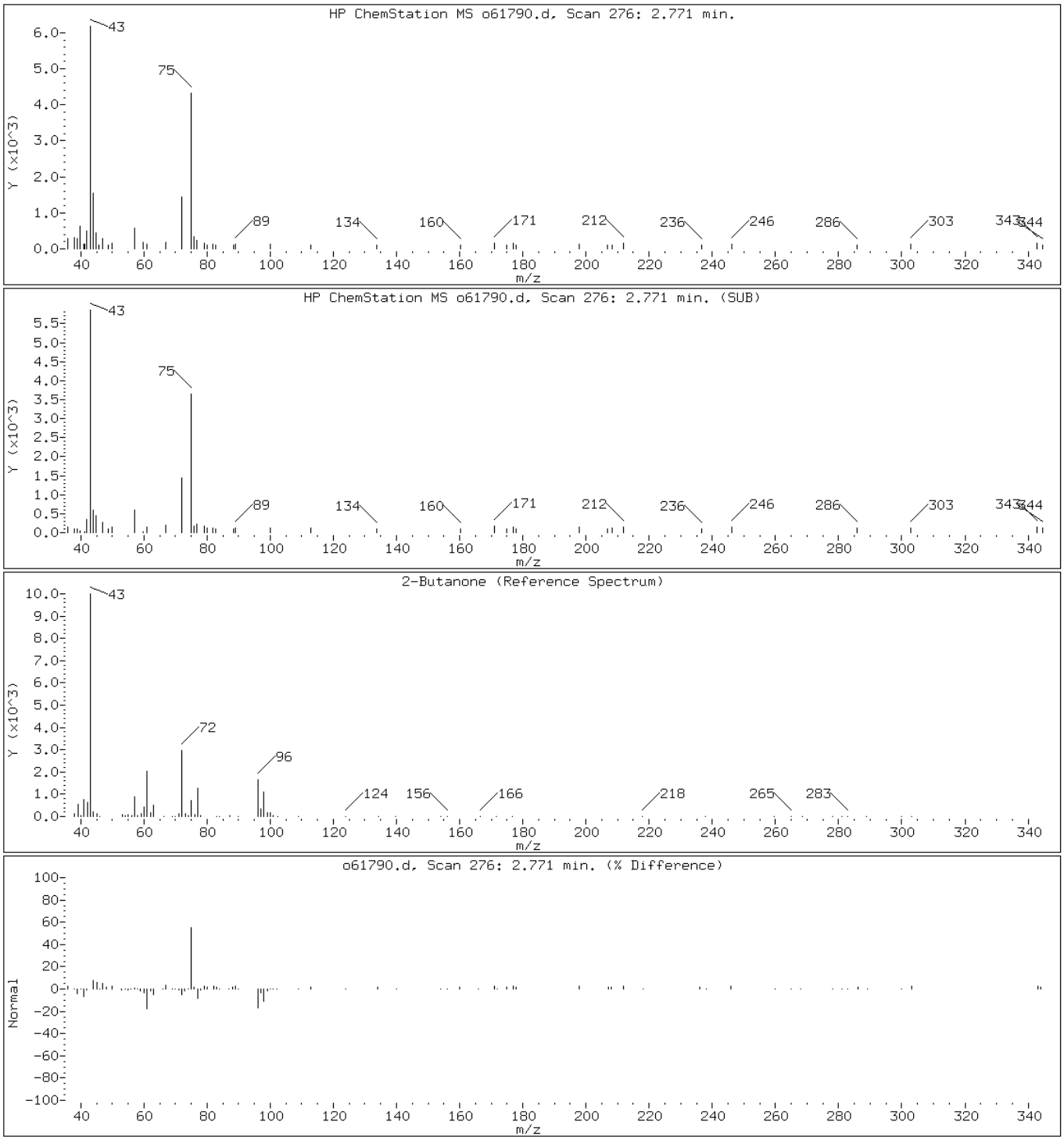
Data File: o61790.d

Date: 02-JUL-2012 10:21

Client ID: SF-31 Instrument: VOAMS12.i

Sample Info: 460-41730-B-7-A;;;5.07;5 Operator: VOAMS 9

18 2-Butanone



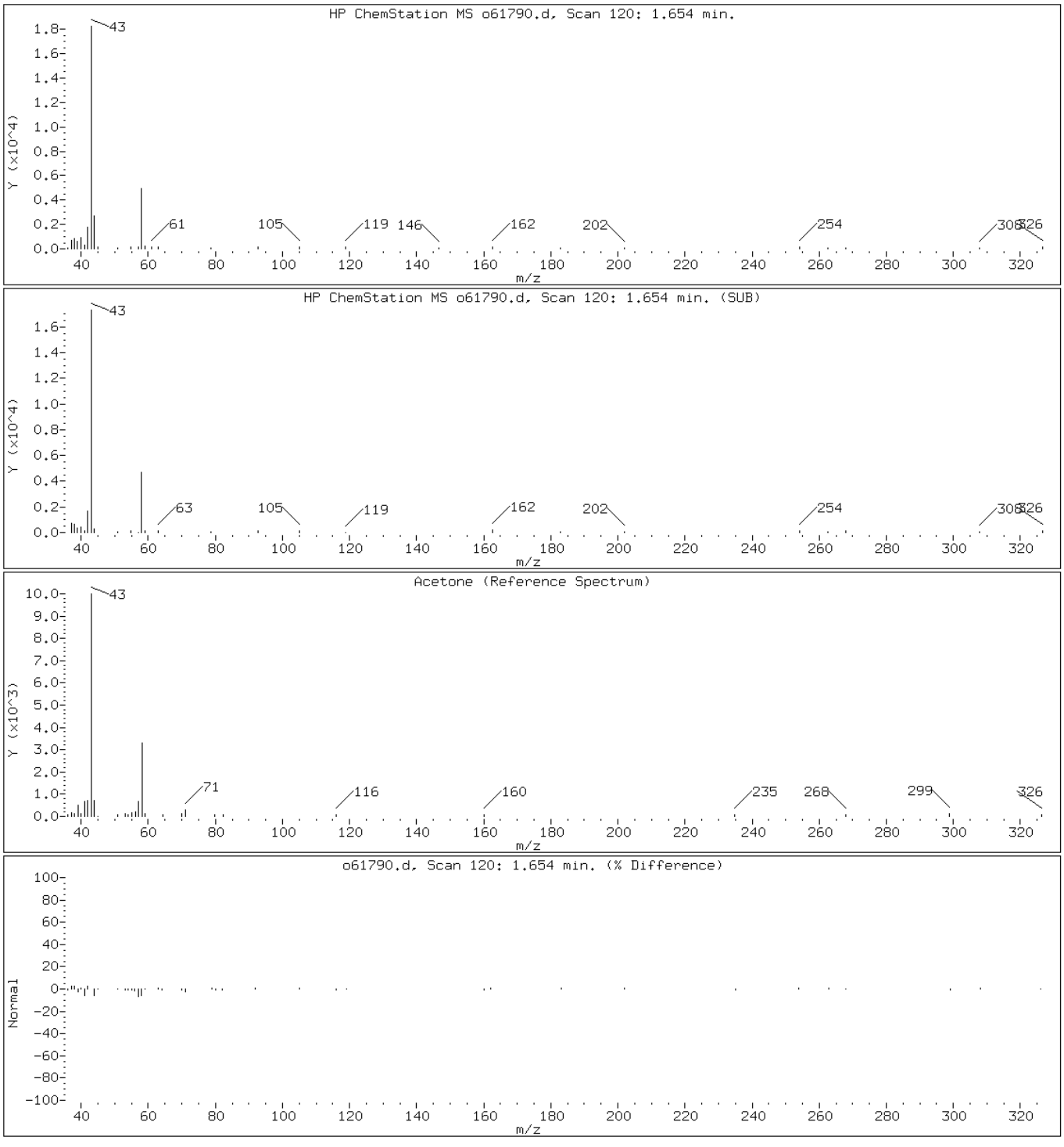
Data File: o61790.d

Date: 02-JUL-2012 10:21

Client ID: SF-31 Instrument: VOAMS12.i

Sample Info: 460-41730-B-7-A;;;5.07;5 Operator: VOAMS 9

7 Acetone



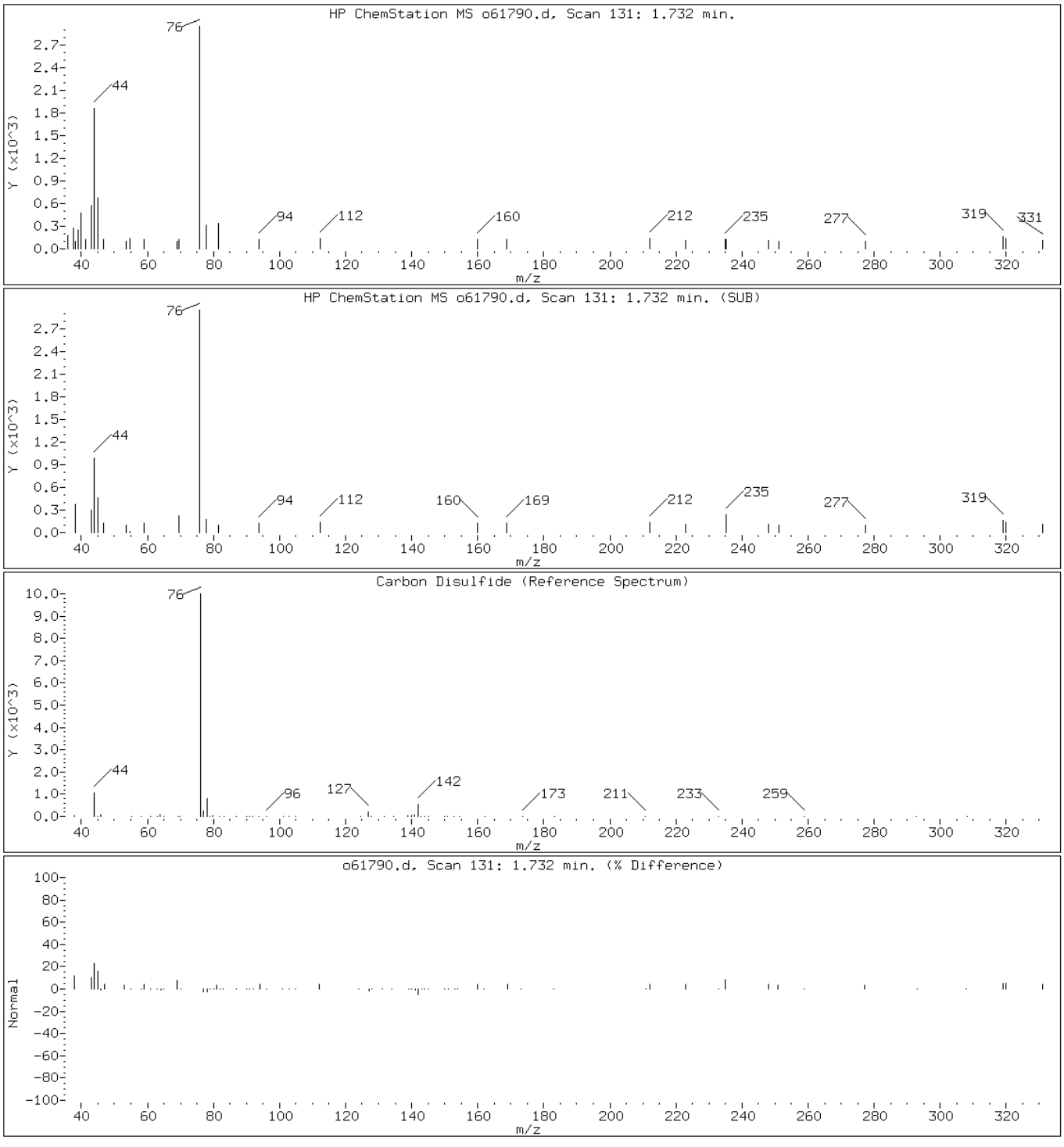
Data File: o61790.d

Date: 02-JUL-2012 10:21

Client ID: SF-31 Instrument: VOAMS12.i

Sample Info: 460-41730-B-7-A;;;5.07;5 Operator: VOAMS 9

8 Carbon Disulfide



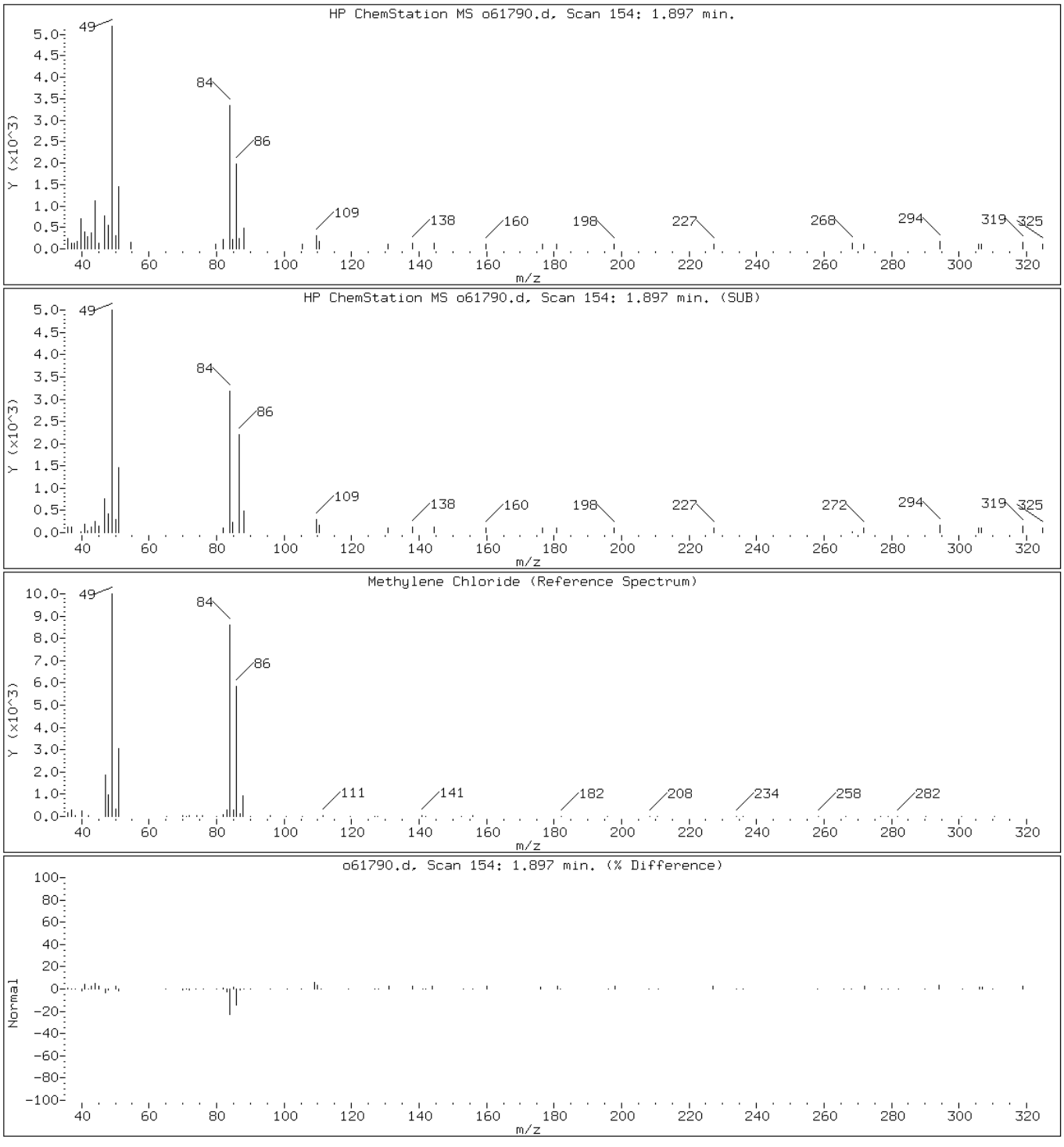
Data File: o61790.d

Date: 02-JUL-2012 10:21

Client ID: SF-31 Instrument: VOAMS12.i

Sample Info: 460-41730-B-7-A;;;5.07;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: o61791.d

Analysis Method: 8260B | Date Collected: 06/26/2012 09:30

Sample wt/vol: 3.69(g) | Date Analyzed: 07/02/2012 10:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 29.4 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.9	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.9	0.17
79-00-5	1,1,2-Trichloroethane	0.27	U	1.9	0.27
75-34-3	1,1-Dichloroethane	0.21	U	1.9	0.21
75-35-4	1,1-Dichloroethene	0.36	U	1.9	0.36
87-61-6	1,2,3-Trichlorobenzene	0.31	U	1.9	0.31
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.9	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.84	U	1.9	0.84
106-93-4	1,2-Dibromoethane	0.29	U	1.9	0.29
95-50-1	1,2-Dichlorobenzene	0.19	U	1.9	0.19
107-06-2	1,2-Dichloroethane	0.35	U	1.9	0.35
78-87-5	1,2-Dichloropropane	0.29	U	1.9	0.29
541-73-1	1,3-Dichlorobenzene	0.31	U	1.9	0.31
106-46-7	1,4-Dichlorobenzene	0.21	U	1.9	0.21
123-91-1	1,4-Dioxane	24	U	96	24
78-93-3	2-Butanone	19		19	1.2
591-78-6	2-Hexanone	0.25	U	19	0.25
108-10-1	4-Methyl-2-pentanone	0.38	U	19	0.38
67-64-1	Acetone	83	B	19	3.2
71-43-2	Benzene	0.29	U	1.9	0.29
74-97-5	Bromochloromethane	0.21	U	1.9	0.21
75-27-4	Bromodichloromethane	0.61	U	1.9	0.61
75-25-2	Bromoform	0.33	U	1.9	0.33
74-83-9	Bromomethane	0.83	U	1.9	0.83
75-15-0	Carbon disulfide	1.4	J	1.9	0.29
56-23-5	Carbon tetrachloride	0.29	U	1.9	0.29
108-90-7	Chlorobenzene	0.35	U	1.9	0.35
75-00-3	Chloroethane	0.63	U	1.9	0.63
67-66-3	Chloroform	0.46	U	1.9	0.46
74-87-3	Chloromethane	0.31	U	1.9	0.31
156-59-2	cis-1,2-Dichloroethene	0.21	U	1.9	0.21
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.9	0.27
110-82-7	Cyclohexane	0.25	U	1.9	0.25
124-48-1	Dibromochloromethane	0.19	U	1.9	0.19
75-71-8	Dichlorodifluoromethane	0.42	U	1.9	0.42
100-41-4	Ethylbenzene	0.33	U	1.9	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: o61791.d

Analysis Method: 8260B | Date Collected: 06/26/2012 09:30

Sample wt/vol: 3.69(g) | Date Analyzed: 07/02/2012 10:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 29.4 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.21	U	1.9	0.21
98-82-8	Isopropylbenzene	0.21	U	1.9	0.21
79-20-9	Methyl acetate	0.61	U	1.9	0.61
108-87-2	Methylcyclohexane	0.19	U	1.9	0.19
75-09-2	Methylene Chloride	2.2	B	1.9	0.29
1634-04-4	MTBE	0.21	U	1.9	0.21
100-42-5	Styrene	0.54	U	1.9	0.54
127-18-4	Tetrachloroethene	0.23	U	1.9	0.23
108-88-3	Toluene	6.2		1.9	0.27
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.9	0.25
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.9	0.19
79-01-6	Trichloroethene	0.23	U	1.9	0.23
75-69-4	Trichlorofluoromethane	0.31	U	1.9	0.31
75-01-4	Vinyl chloride	0.65	U	1.9	0.65
1330-20-7	Xylenes, Total	1.3	U	5.8	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
460-00-4	Bromofluorobenzene	103		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 Lab Sample ID: 460-41730-8

Matrix: Solid Lab File ID: o61791.d

Analysis Method: 8260B Date Collected: 06/26/2012 09:30

Sample wt/vol: 3.69(g) Date Analyzed: 07/02/2012 10:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 29.4 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1836

CAS NO.	COMPOUND NAME	RT	RESULT	Q
64-17-5	Ethanol	1.45	830	J
80-56-8	.alpha.-Pinene	8.80	200	J N
	C10H20 Cycloalkane	9.65	13	J
127-91-3	.beta.-Pinene	9.83	230	J N
	C10H18 Cycloalkene	10.26	42	J
99-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-methyl	10.67	17	J N
	C10H18 Cycloalkene-1	10.82	53	J
5989-27-5	D-Limonene	10.89	45	J N
99-87-6	4-Isopropyltoluene	11.00	390	
	Unknown	13.04	16	J

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61791.d
Report Date: 03-Jul-2012 11:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61791.d
Lab Smp Id: 460-41730-B-8-A Client Smp ID: SF-32
Inj Date : 02-JUL-2012 10:46
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-8-A;;;3.69;5
Misc Info : 460-41730-B-8-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.69000	Weight of sample extracted (g)
M	29.37626	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	127 Ethanol	46	1.446	1.460	(0.390)	10732	434.349	830(a)
	7 Acetone	43	1.654	1.654	(0.446)	46094	43.4366	83
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	9718	0.72105	1.4(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	4403	1.12541	2.2
	18 2-Butanone	72	2.771	2.771	(0.747)	4305	9.80933	19(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	186800	60.8614	120
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	620509	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	608019	48.0826	92
	38 Toluene	91	5.464	5.464	(0.752)	80884	3.22813	6.2
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	574129	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	232131	51.7072	99
	150 Camphene	41	9.196	9.196	(0.841)	18616	5.38599	10
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	330199	50.0000	
	113 p-Isopropyltoluene	119	11.001	10.994	(1.006)	5775183	203.070	390

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61791.d
Report Date: 03-Jul-2012 11:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
152 Camphor	95	13.186	13.186	(1.206)	4673	6.87392	13

QC Flag Legend

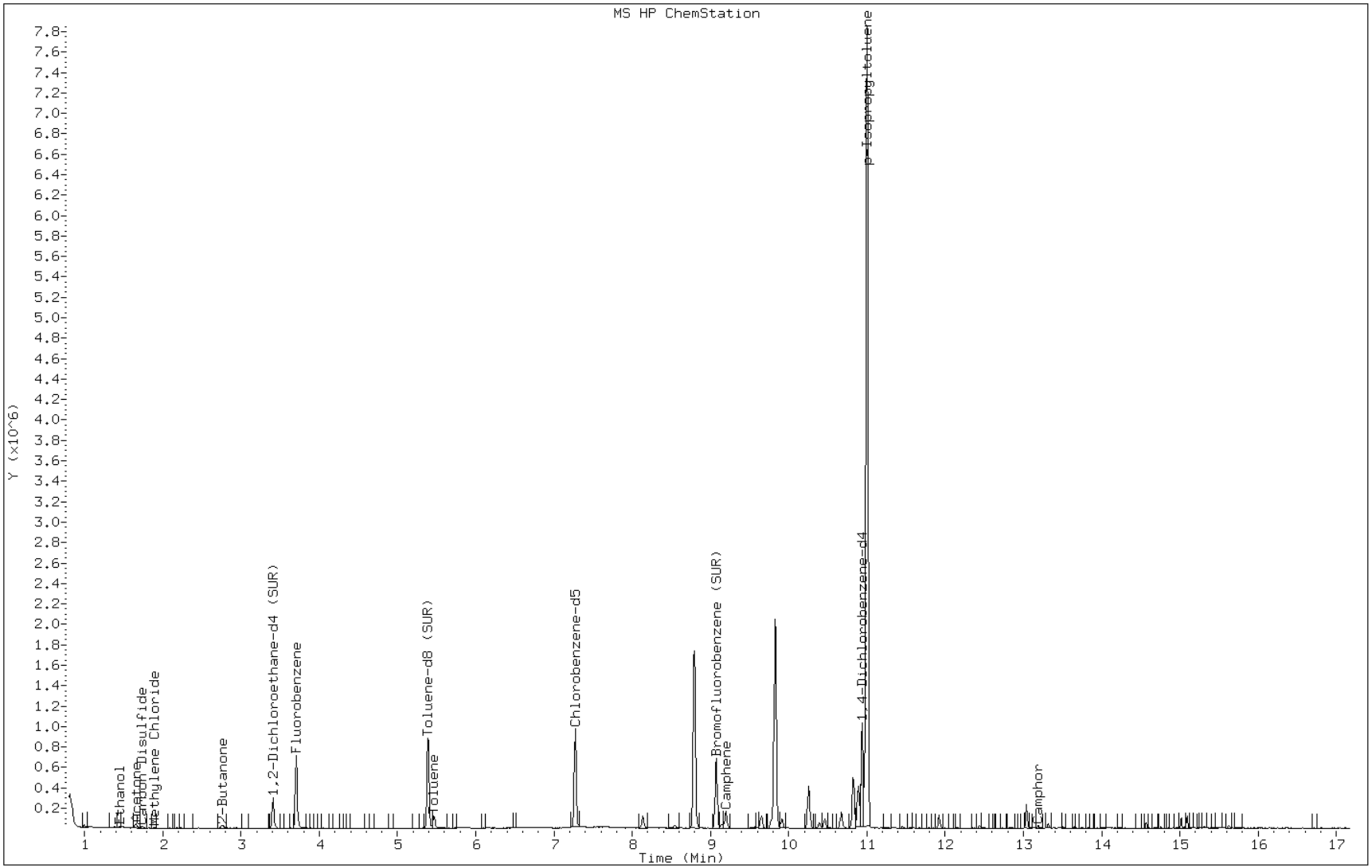
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9



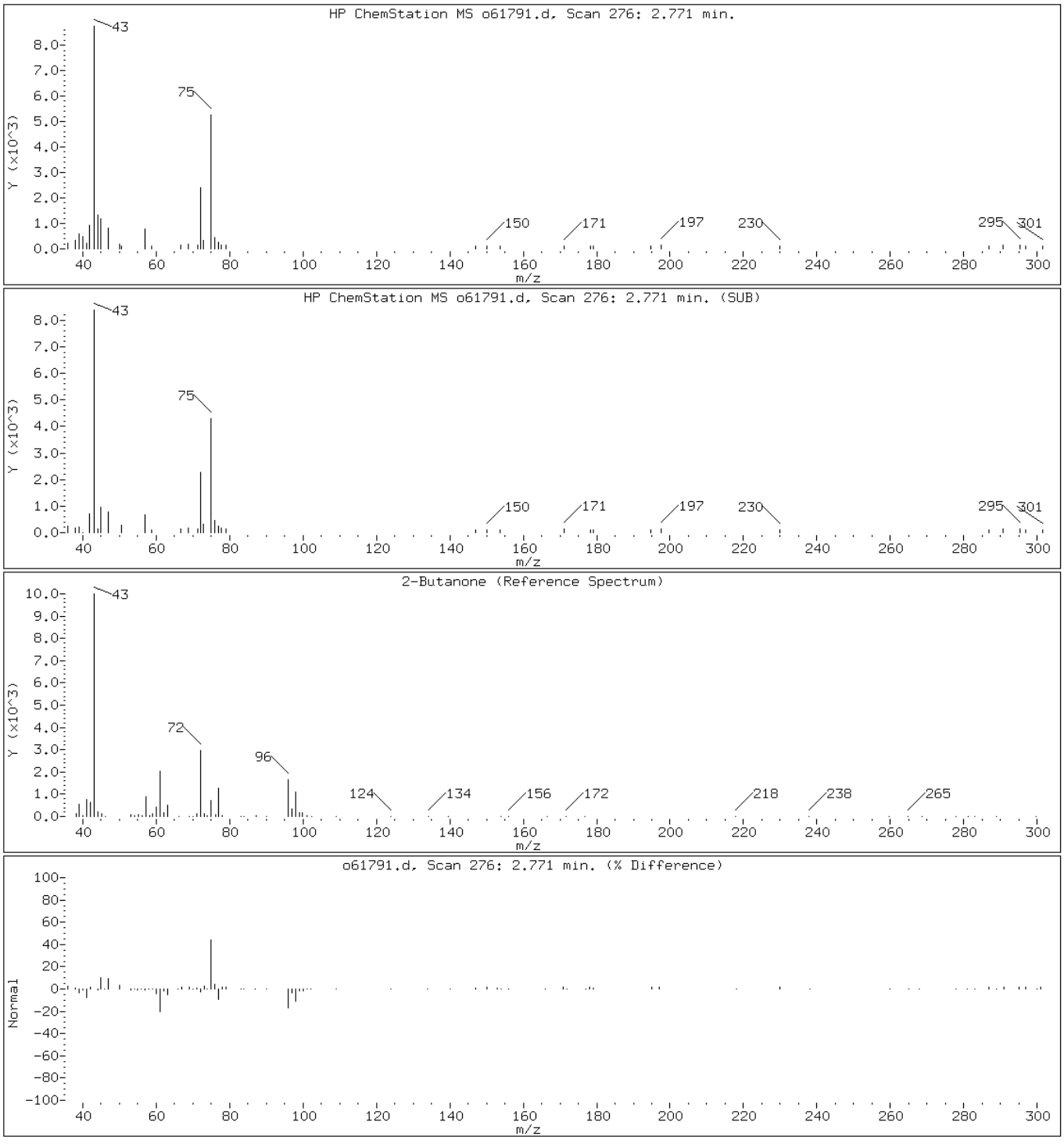
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

18 2-Butanone



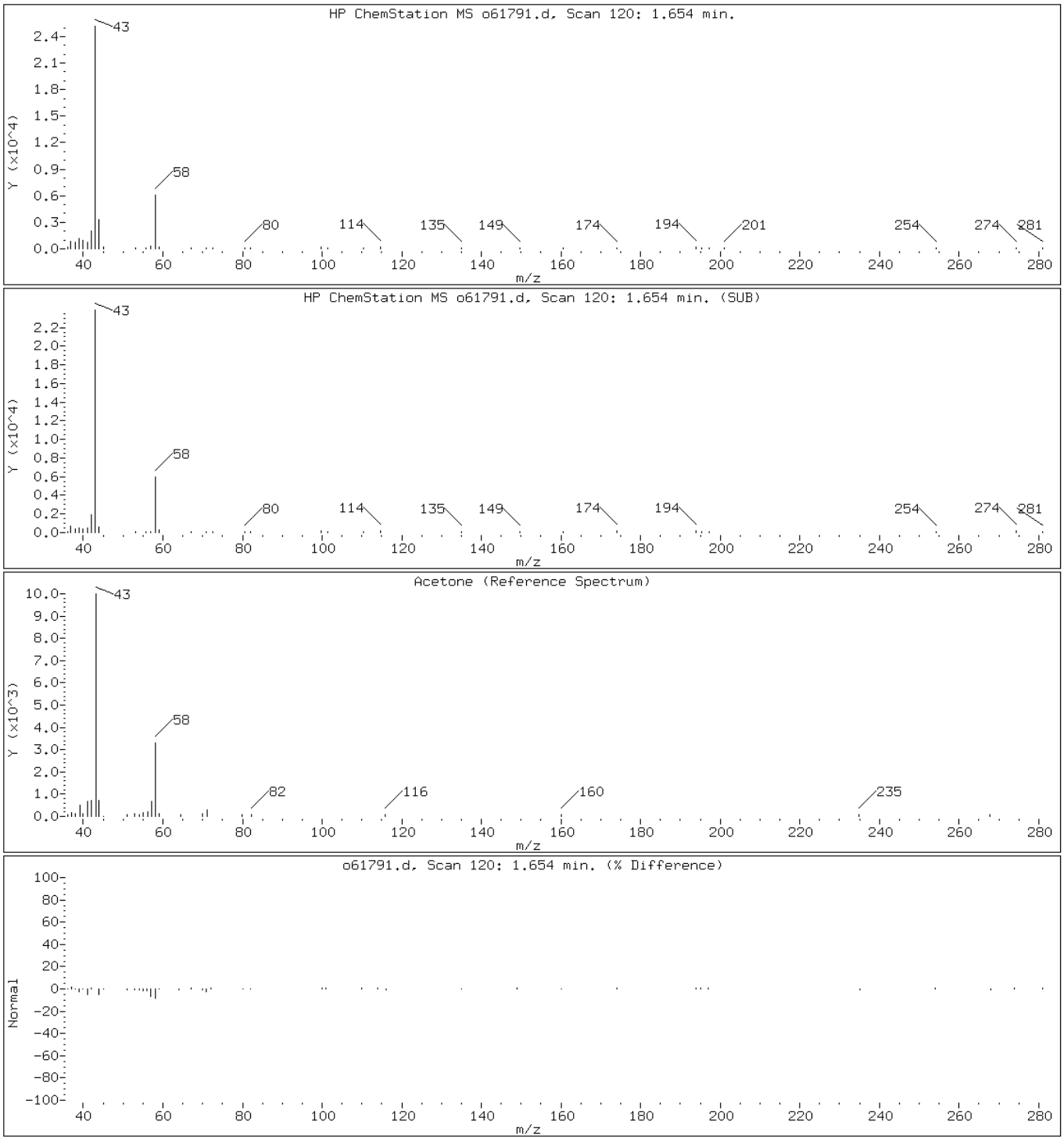
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

7 Acetone



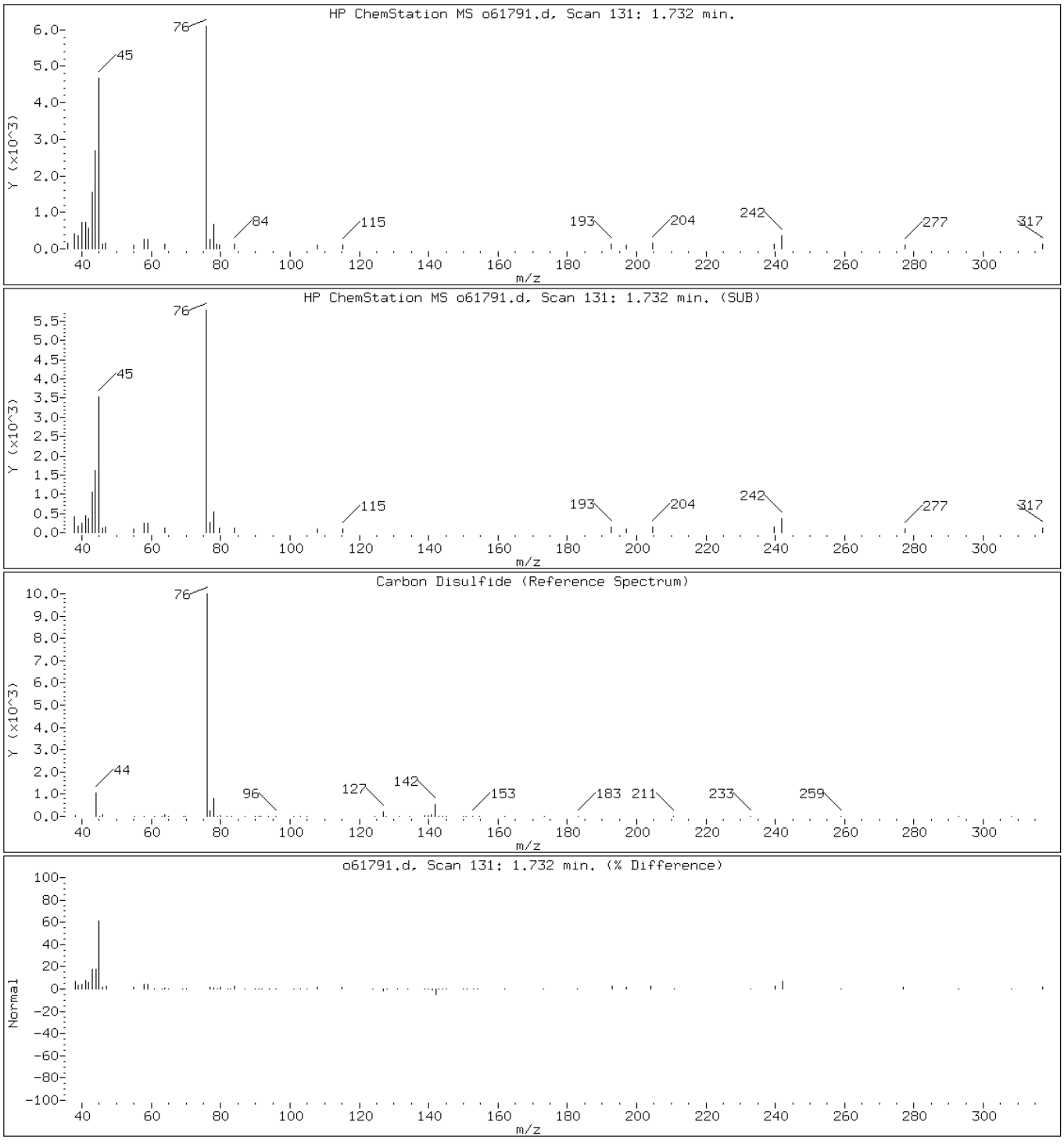
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

8 Carbon Disulfide



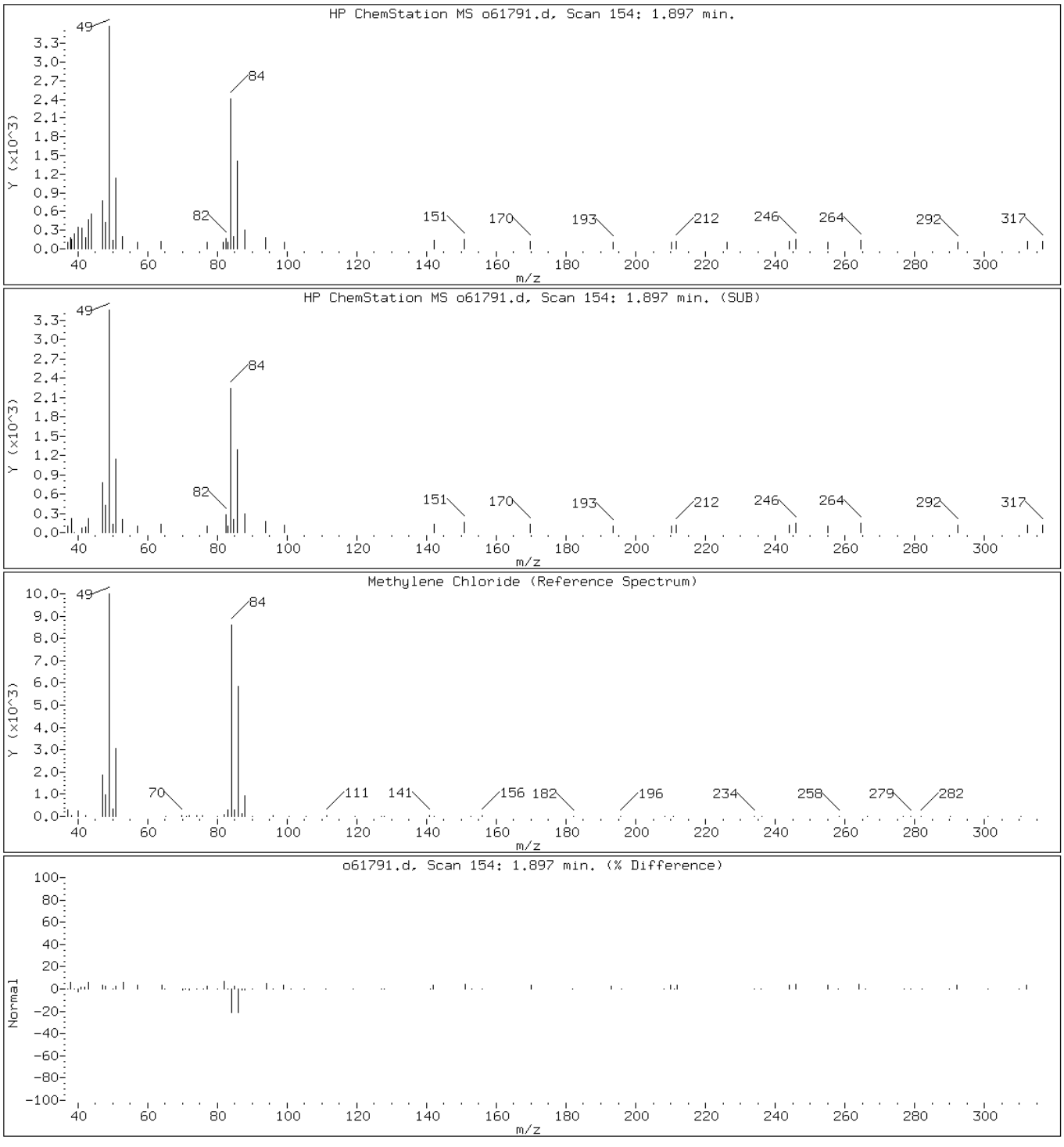
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

6 Methylene Chloride



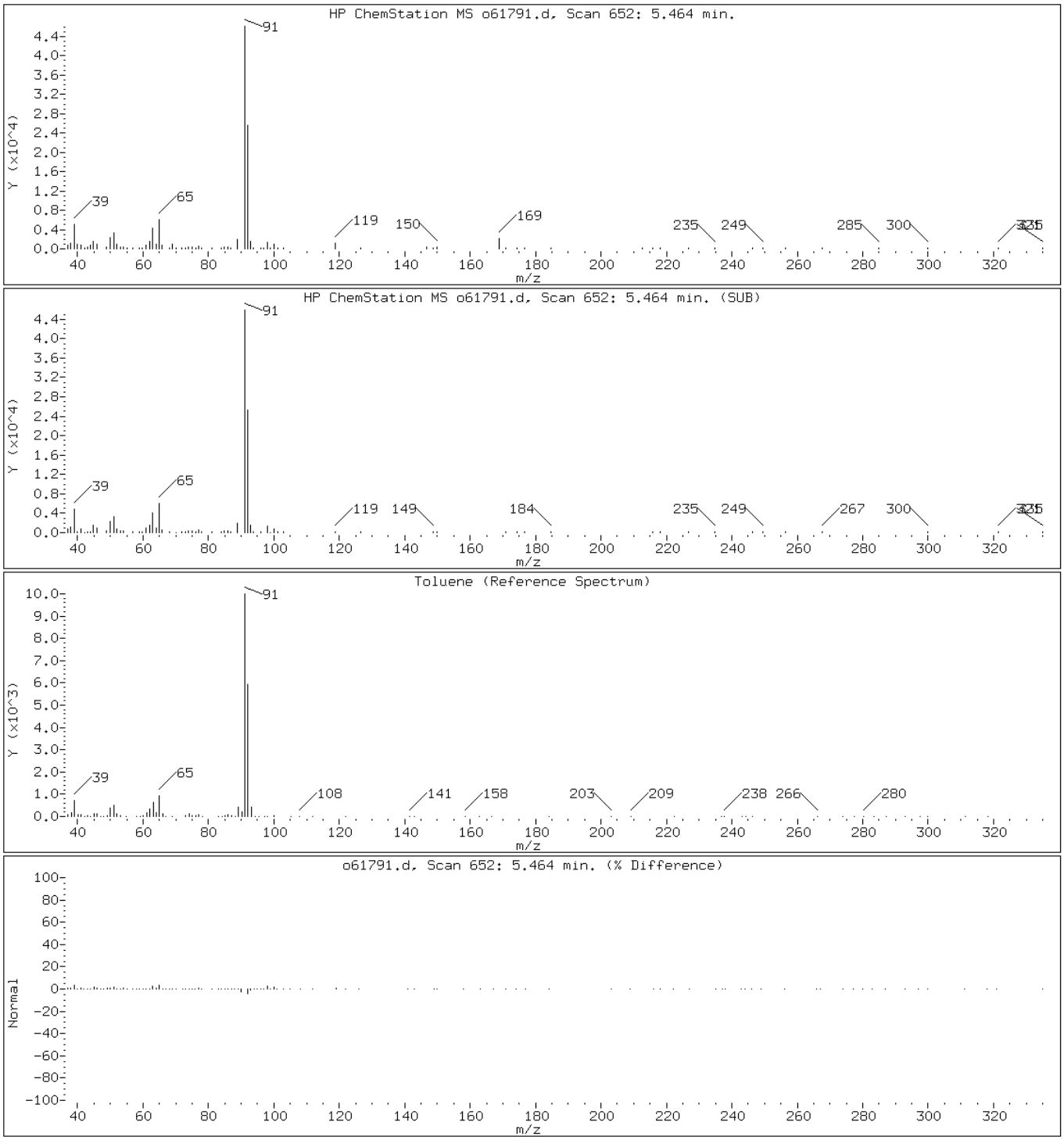
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

38 Toluene



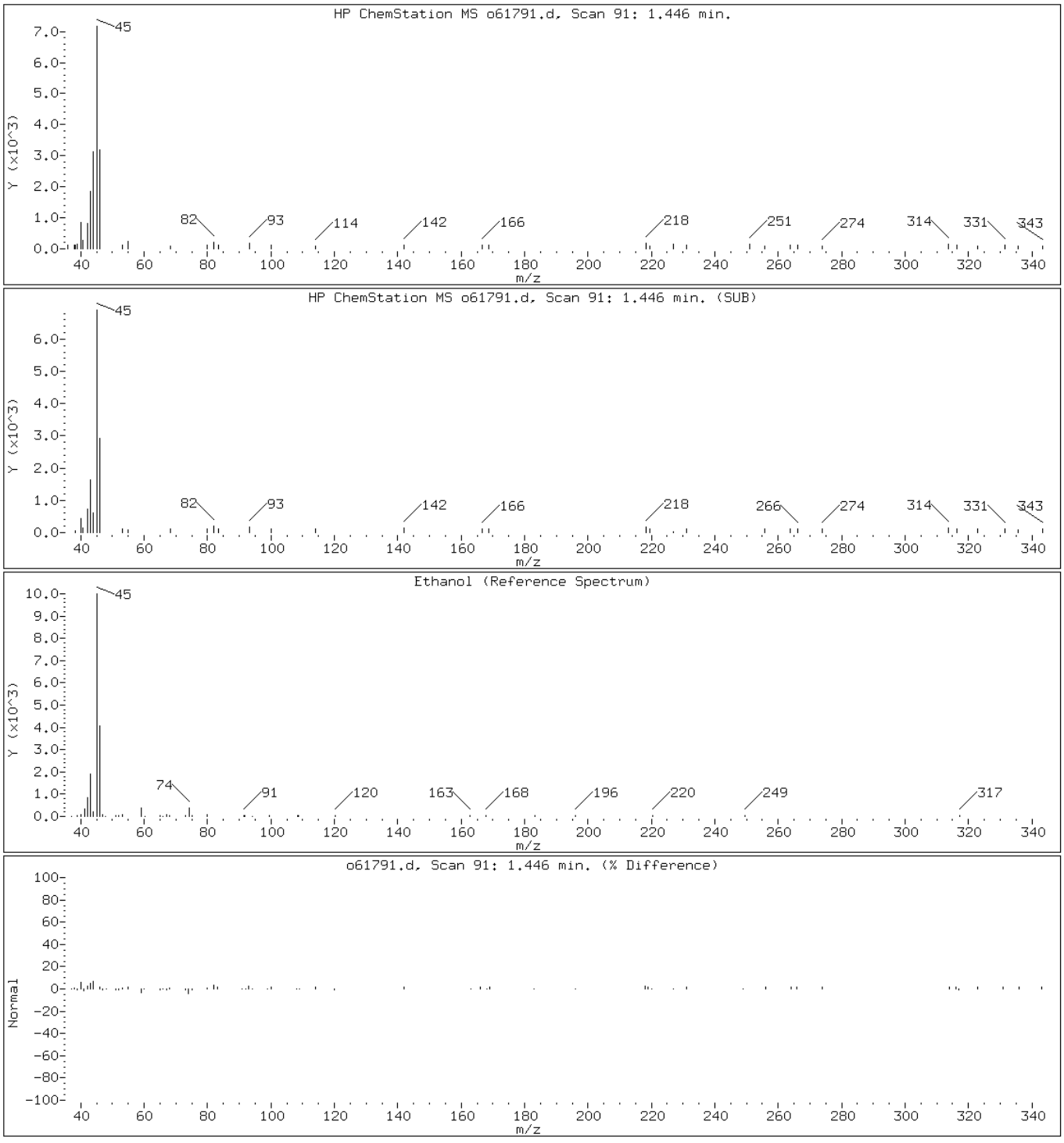
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

127 Ethanol



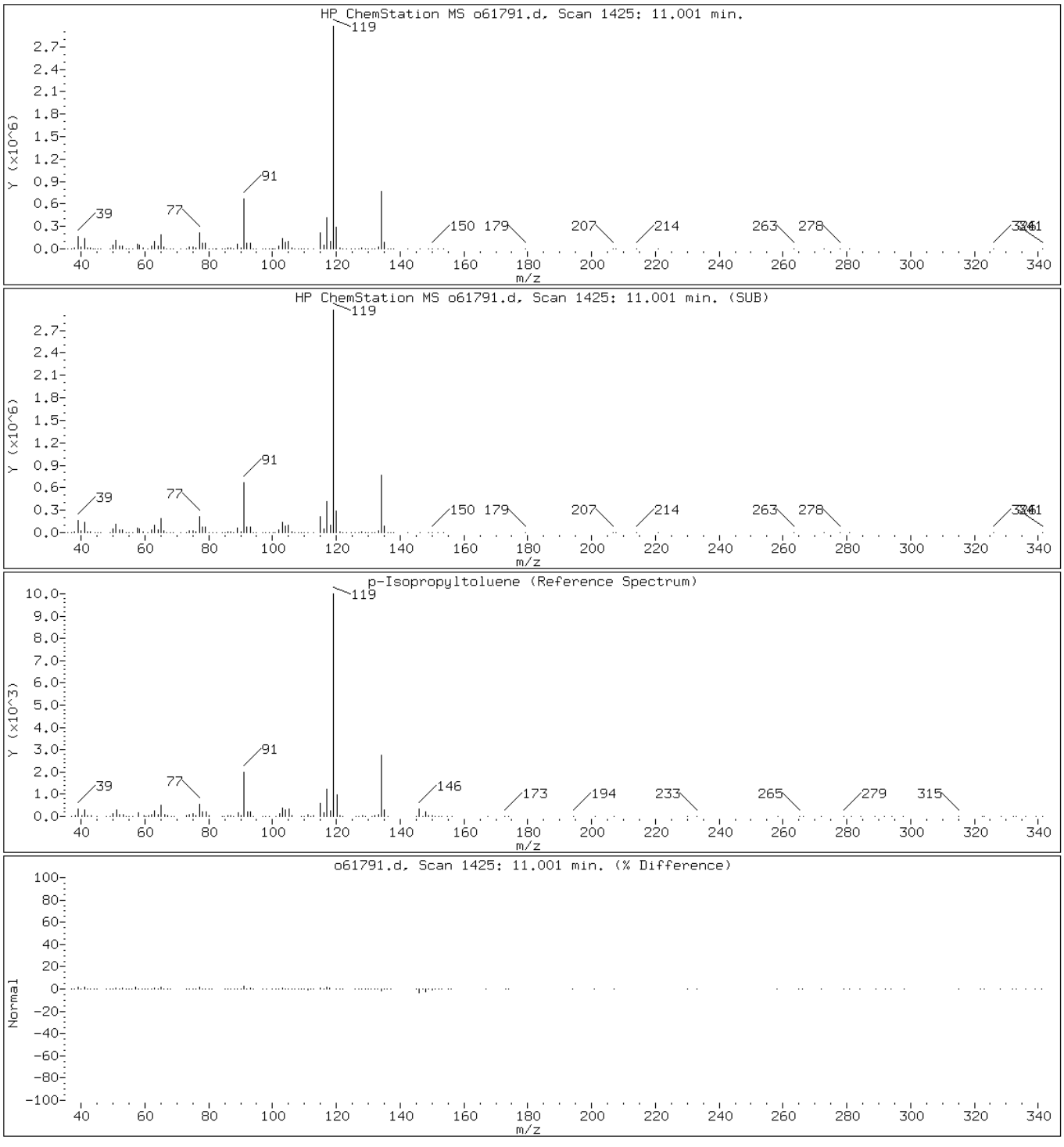
Data File: o61791.d

Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

113 p-Isopropyltoluene



Data File: o61791.d

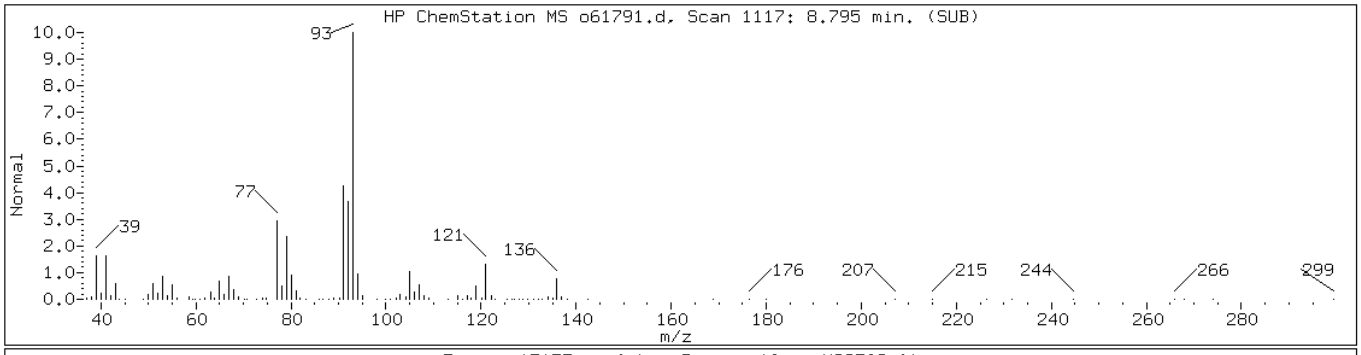
Date: 02-JUL-2012 10:46

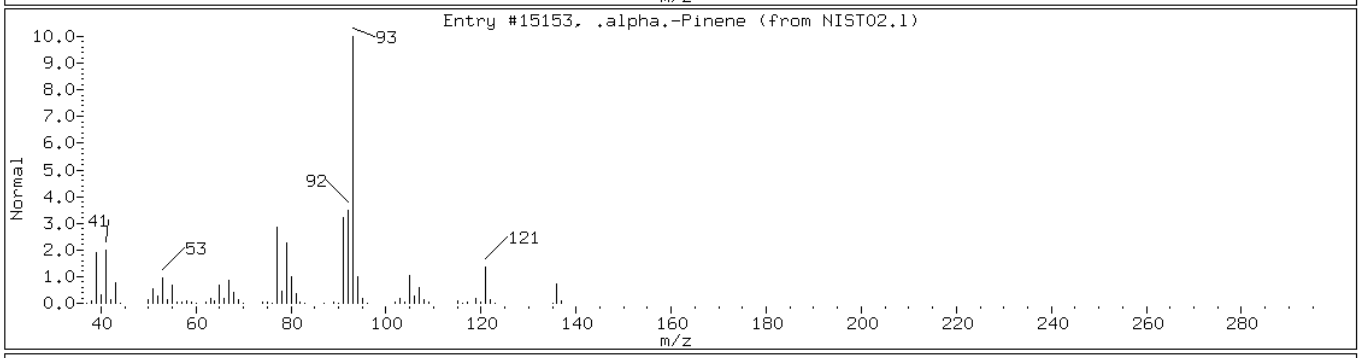
Client ID: SF-32 Instrument: VOAMS12.i

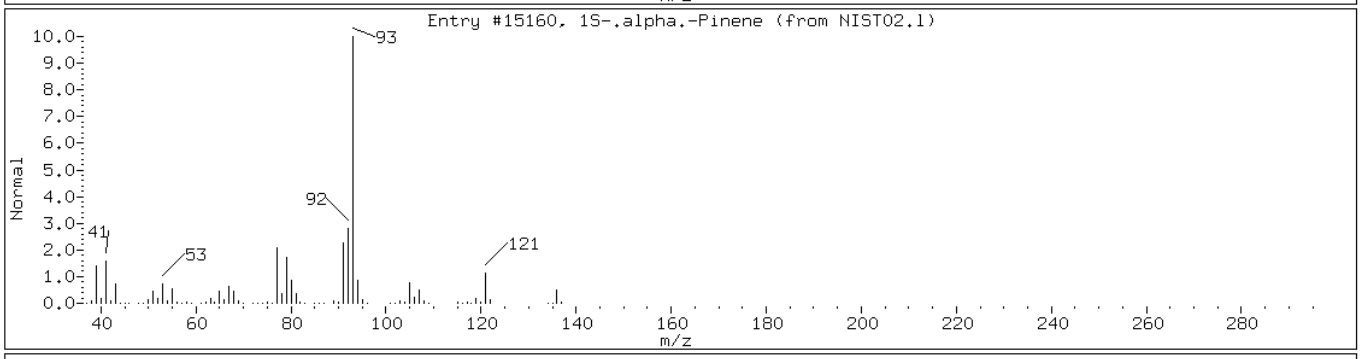
Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

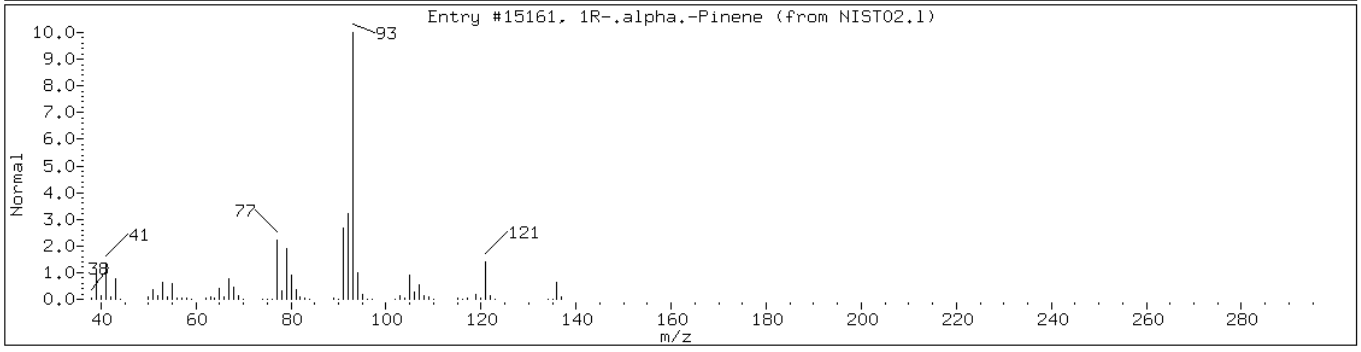
Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.alpha.-Pinene	80-56-8	NIST02.l	15153	97	C10H16	136
1S-.alpha.-Pinene	7785-26-4	NIST02.l	15160	97	C10H16	136
1R-.alpha.-Pinene	7785-70-8	NIST02.l	15161	96	C10H16	136









Data File: o61791.d

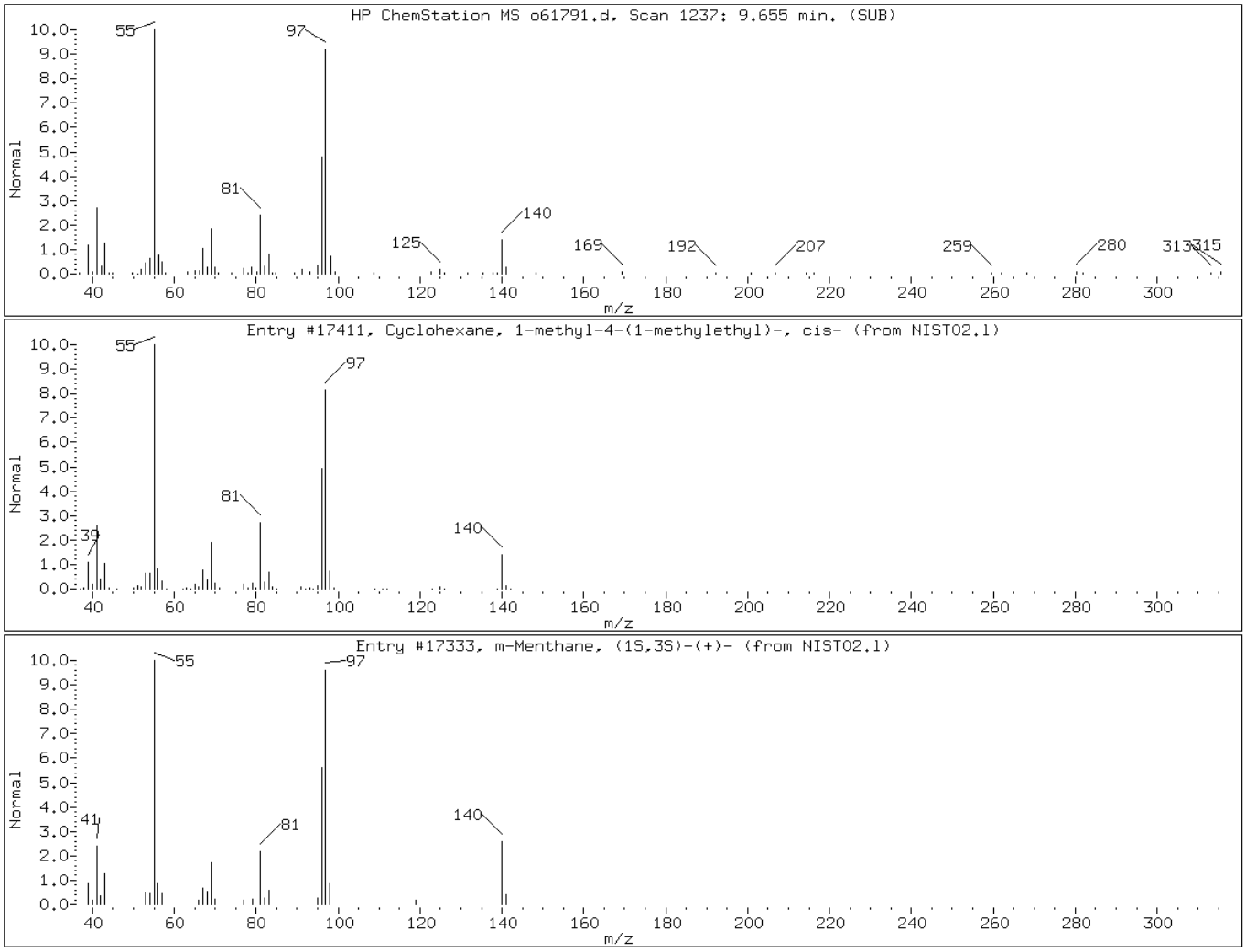
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane						
Cyclohexane, 1-methyl-4-(1-methyle	6069-98-3	NIST02.l	17411	94	C10H20	140
m-Menthane, (1S,3S)-(+)-	13837-67-7	NIST02.l	17333	91	C10H20	140



Data File: o61791.d

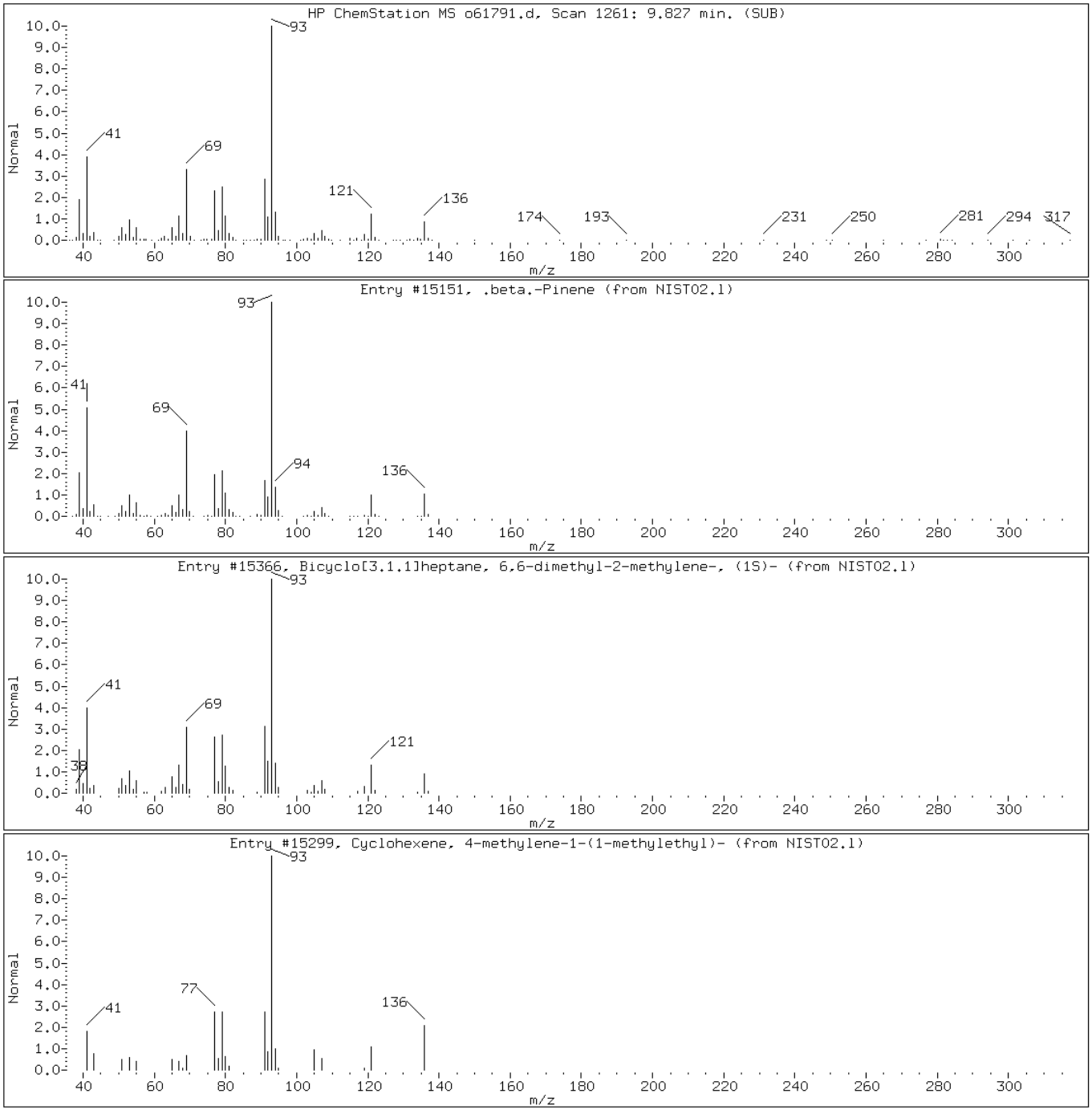
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 9.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Pinene	127-91-3	NIST02.l	15151	97	C10H16	136
Bicyclo[3.1.1]heptane, 6,6-dimethy	18172-67-3	NIST02.l	15366	96	C10H16	136
Cyclohexene, 4-methylene-1-(1-meth	99-84-3	NIST02.l	15299	91	C10H16	136



Data File: o61791.d

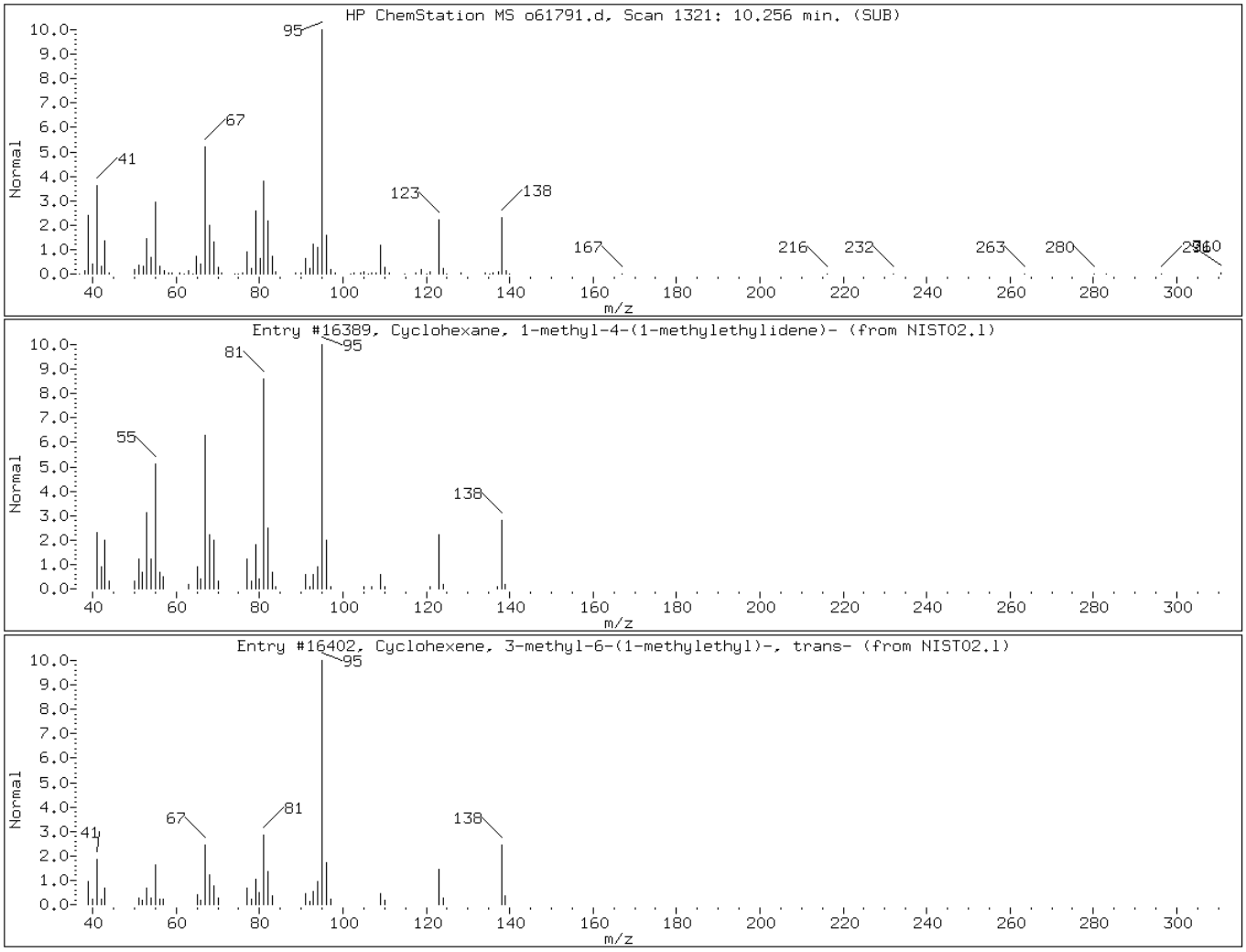
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H18 Cycloalkene						
Cyclohexane, 1-methyl-4-(1-methyle	1124-27-2	NIST02.l	16389	93	C10H18	138
Cyclohexene, 3-methyl-6-(1-methyle	1124-26-1	NIST02.l	16402	87	C10H18	138



Data File: o61791.d

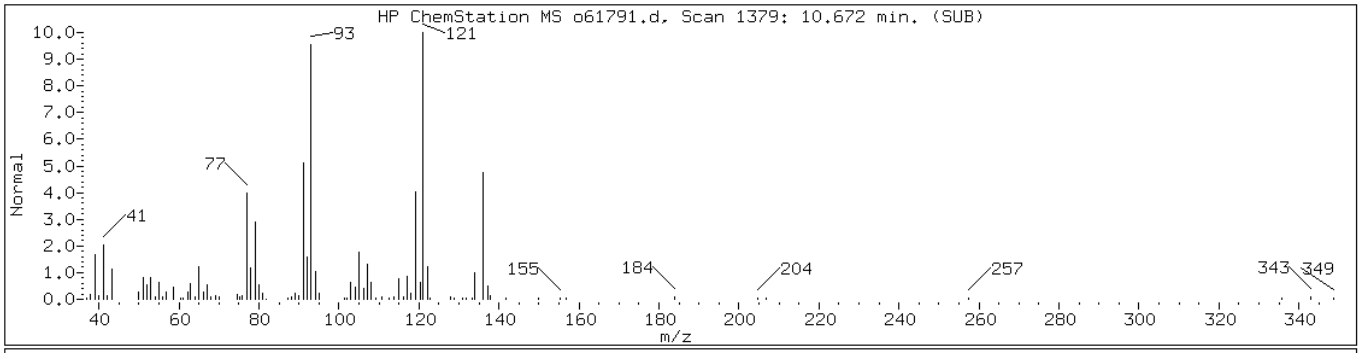
Date: 02-JUL-2012 10:46

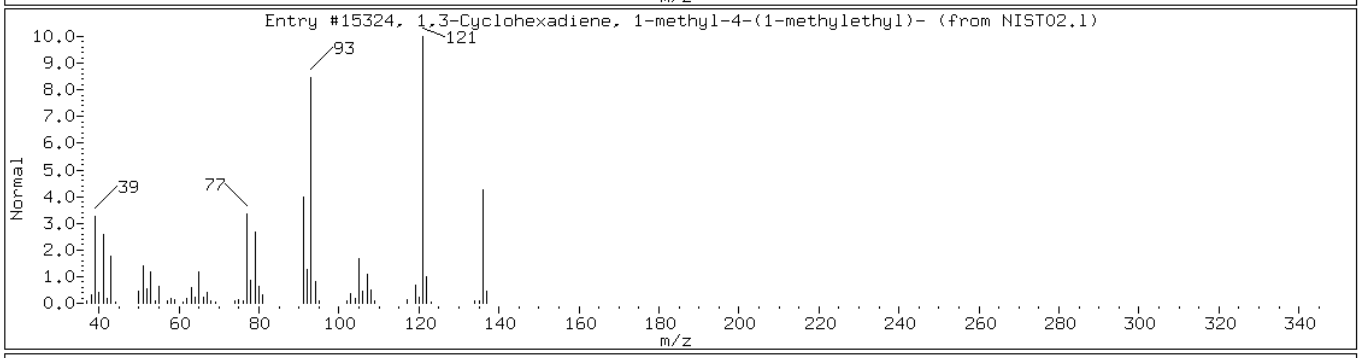
Client ID: SF-32 Instrument: VOAMS12.i

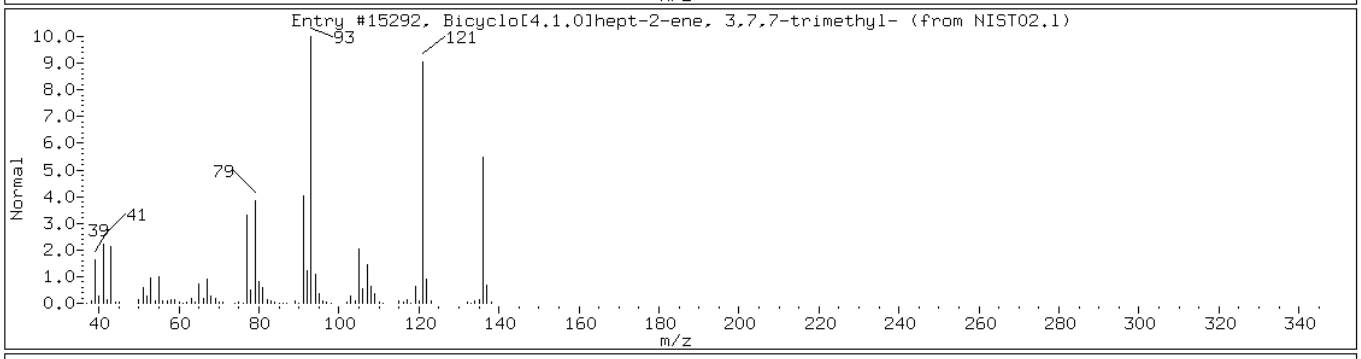
Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

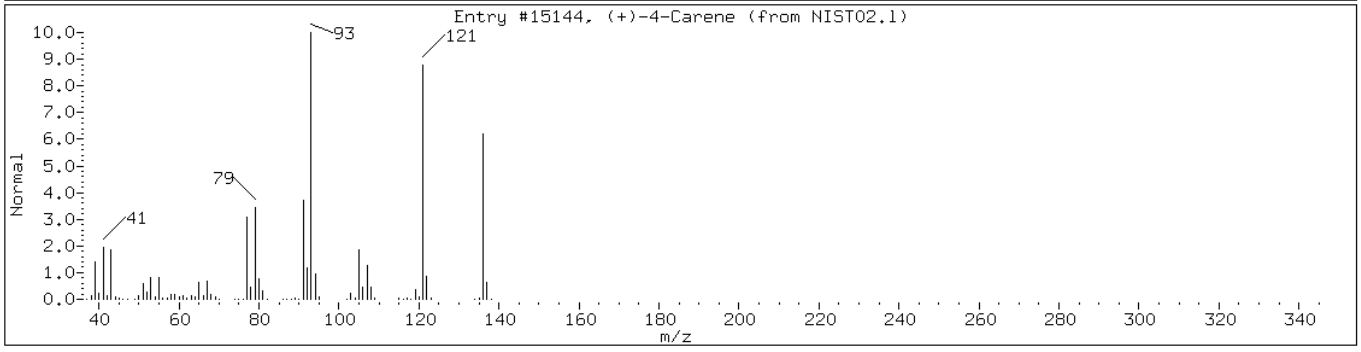
Retention Time: 10.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,3-Cyclohexadiene, 1-methyl-4-(1-	99-86-5	NIST02.l	15324	96	C10H16	136
Bicyclo[4.1.0]hept-2-ene, 3,7,7-tr	554-61-0	NIST02.l	15292	91	C10H16	136
(+)-4-Carene	29050-33-7	NIST02.l	15144	90	C10H16	136









Data File: o61791.d

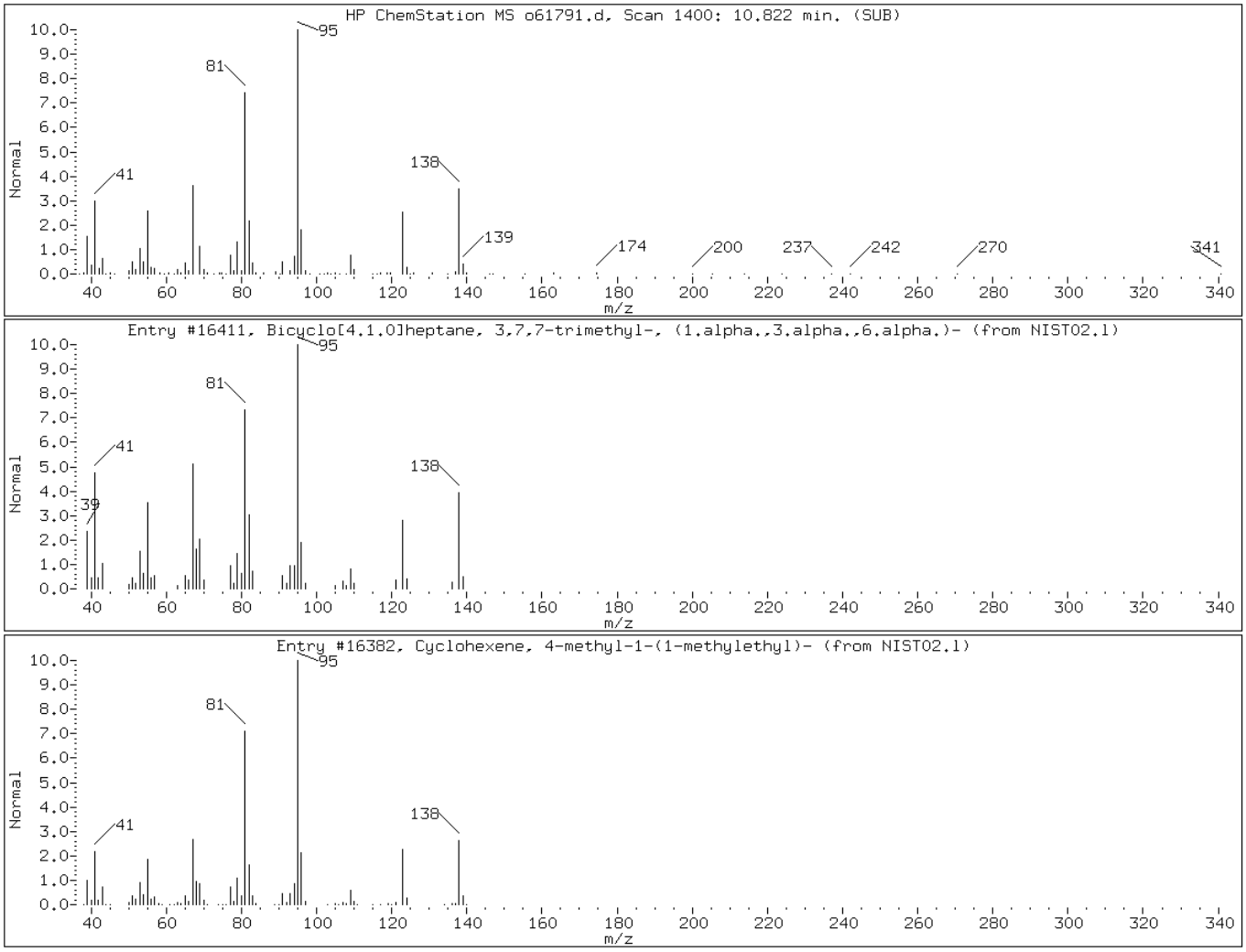
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 10.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H18 Cycloalkene-1						
Bicyclo[4.1.0]heptane, 3,7,7-trime	18968-23-5	NIST02.l	16411	95	C10H18	138
Cyclohexene, 4-methyl-1-(1-methyle	500-00-5	NIST02.l	16382	94	C10H18	138



Data File: o61791.d

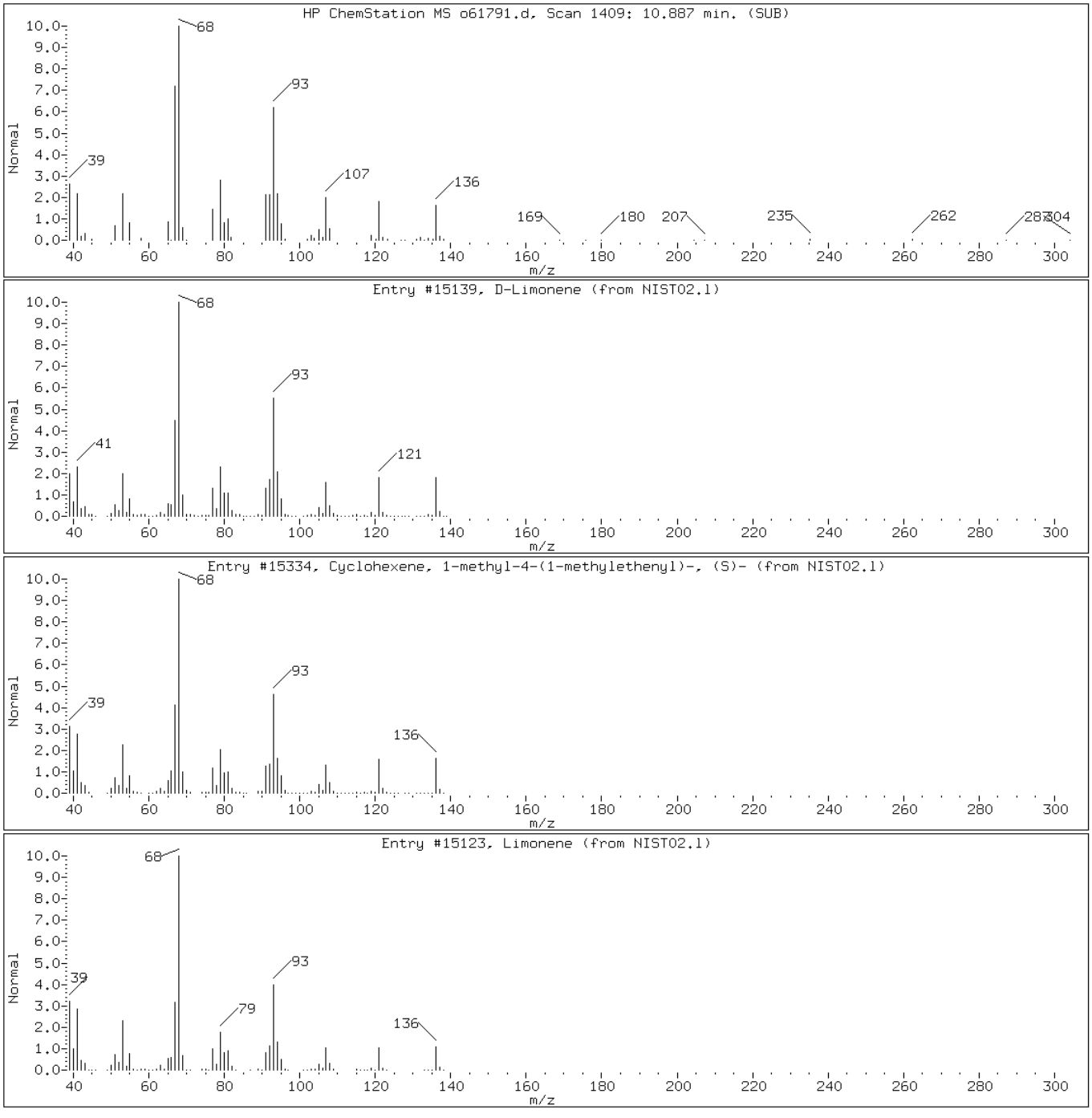
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
D-Limonene	5989-27-5	NIST02.l	15139	94	C10H16	136
Cyclohexene, 1-methyl-4-(1-methyle	5989-54-8	NIST02.l	15334	91	C10H16	136
Limonene	138-86-3	NIST02.l	15123	90	C10H16	136



Data File: o61791.d

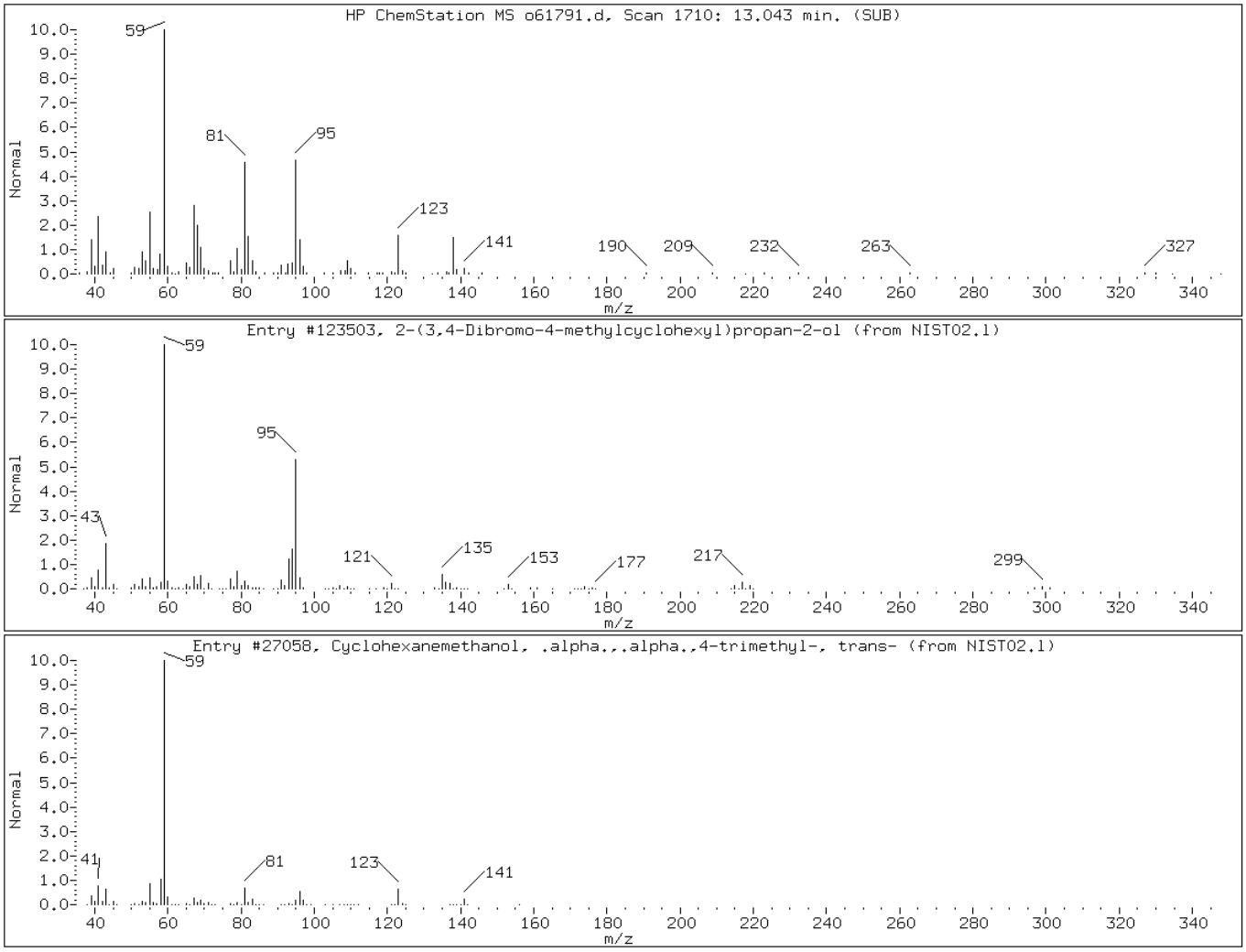
Date: 02-JUL-2012 10:46

Client ID: SF-32 Instrument: VOAMS12.i

Sample Info: 460-41730-B-8-A;;;3.69;5 Operator: VOAMS 9

Retention Time: 13.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-(3,4-Dibromo-4-methylcyclohexyl)	110202-13-6	NIST02.l	123503	38	C10H18Br2O	312
Cyclohexanemethanol, .alpha.,.alph	5114-00-1	NIST02.l	27058	35	C10H20O	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: o61816.d

Analysis Method: 8260B | Date Collected: 06/26/2012 10:15

Sample wt/vol: 5.69(g) | Date Analyzed: 07/02/2012 21:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.99	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.089	U	0.99	0.089
79-00-5	1,1,2-Trichloroethane	0.14	U	0.99	0.14
75-34-3	1,1-Dichloroethane	0.11	U	0.99	0.11
75-35-4	1,1-Dichloroethene	0.19	U	0.99	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.99	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	0.99	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.99	0.44
106-93-4	1,2-Dibromoethane	0.15	U	0.99	0.15
95-50-1	1,2-Dichlorobenzene	0.099	U	0.99	0.099
107-06-2	1,2-Dichloroethane	0.18	U	0.99	0.18
78-87-5	1,2-Dichloropropane	0.15	U	0.99	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	0.99	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	0.99	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	4.4	J	9.9	0.63
591-78-6	2-Hexanone	0.13	U	9.9	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	9.9	0.20
67-64-1	Acetone	29	B	9.9	1.7
71-43-2	Benzene	0.15	U	0.99	0.15
74-97-5	Bromochloromethane	0.11	U *	0.99	0.11
75-27-4	Bromodichloromethane	0.32	U	0.99	0.32
75-25-2	Bromoform	0.17	U	0.99	0.17
74-83-9	Bromomethane	0.43	U	0.99	0.43
75-15-0	Carbon disulfide	0.16	J	0.99	0.15
56-23-5	Carbon tetrachloride	0.15	U	0.99	0.15
108-90-7	Chlorobenzene	0.18	U	0.99	0.18
75-00-3	Chloroethane	0.33	U	0.99	0.33
67-66-3	Chloroform	0.24	U	0.99	0.24
74-87-3	Chloromethane	0.16	U	0.99	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.99	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.99	0.14
110-82-7	Cyclohexane	0.13	U	0.99	0.13
124-48-1	Dibromochloromethane	0.099	U	0.99	0.099
75-71-8	Dichlorodifluoromethane	0.22	U	0.99	0.22
100-41-4	Ethylbenzene	0.17	U	0.99	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: o61816.d

Analysis Method: 8260B | Date Collected: 06/26/2012 10:15

Sample wt/vol: 5.69(g) | Date Analyzed: 07/02/2012 21:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	0.99	0.11
98-82-8	Isopropylbenzene	0.11	U	0.99	0.11
79-20-9	Methyl acetate	0.32	U	0.99	0.32
108-87-2	Methylcyclohexane	0.099	U	0.99	0.099
75-09-2	Methylene Chloride	1.1	B	0.99	0.15
1634-04-4	MTBE	0.11	U	0.99	0.11
100-42-5	Styrene	0.28	U	0.99	0.28
127-18-4	Tetrachloroethene	0.12	U	0.99	0.12
108-88-3	Toluene	0.14	U	0.99	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.99	0.13
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
79-01-6	Trichloroethene	0.12	U	0.99	0.12
75-69-4	Trichlorofluoromethane	0.16	U	0.99	0.16
75-01-4	Vinyl chloride	0.34	U	0.99	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 Lab Sample ID: 460-41730-9

Matrix: Solid Lab File ID: o61816.d

Analysis Method: 8260B Date Collected: 06/26/2012 10:15

Sample wt/vol: 5.69(g) Date Analyzed: 07/02/2012 21:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.6 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61816.d
Report Date: 03-Jul-2012 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61816.d
Lab Smp Id: 460-41730-B-9-A Client Smp ID: SF-33
Inj Date : 02-JUL-2012 21:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-9-A;;;5.69;5
Misc Info : 460-41730-B-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.69000	Weight of sample extracted (g)
M	11.59696	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.447)	36311	29.1177	29
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	2574	0.16252	0.16(a)
	6 Methylene Chloride	84	1.897	1.897	(0.512)	5238	1.13930	1.1
	18 2-Butanone	72	2.778	2.778	(0.750)	2273	4.40732	4.4(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	191392	53.0637	53
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	729188	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	633843	47.3101	47
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	608286	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	253559	50.6448	50
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	368246	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61816.d
Report Date: 03-Jul-2012 13:19

QC Flag Legend

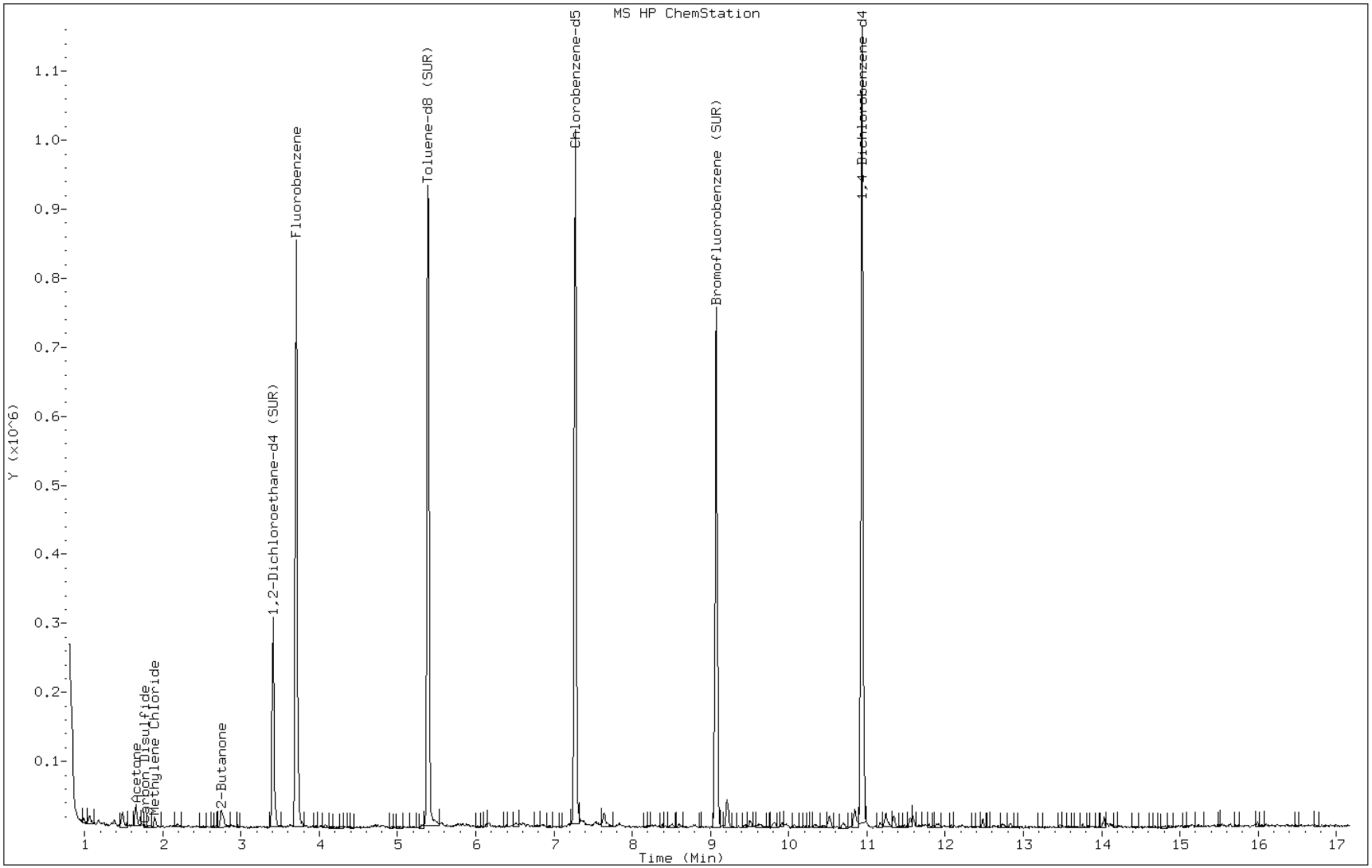
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o61816.d

Date: 02-JUL-2012 21:48

Client ID: SF-33 Instrument: VOAMS12.i

Sample Info: 460-41730-B-9-A;;;5.69;5 Operator: VOAMS 9



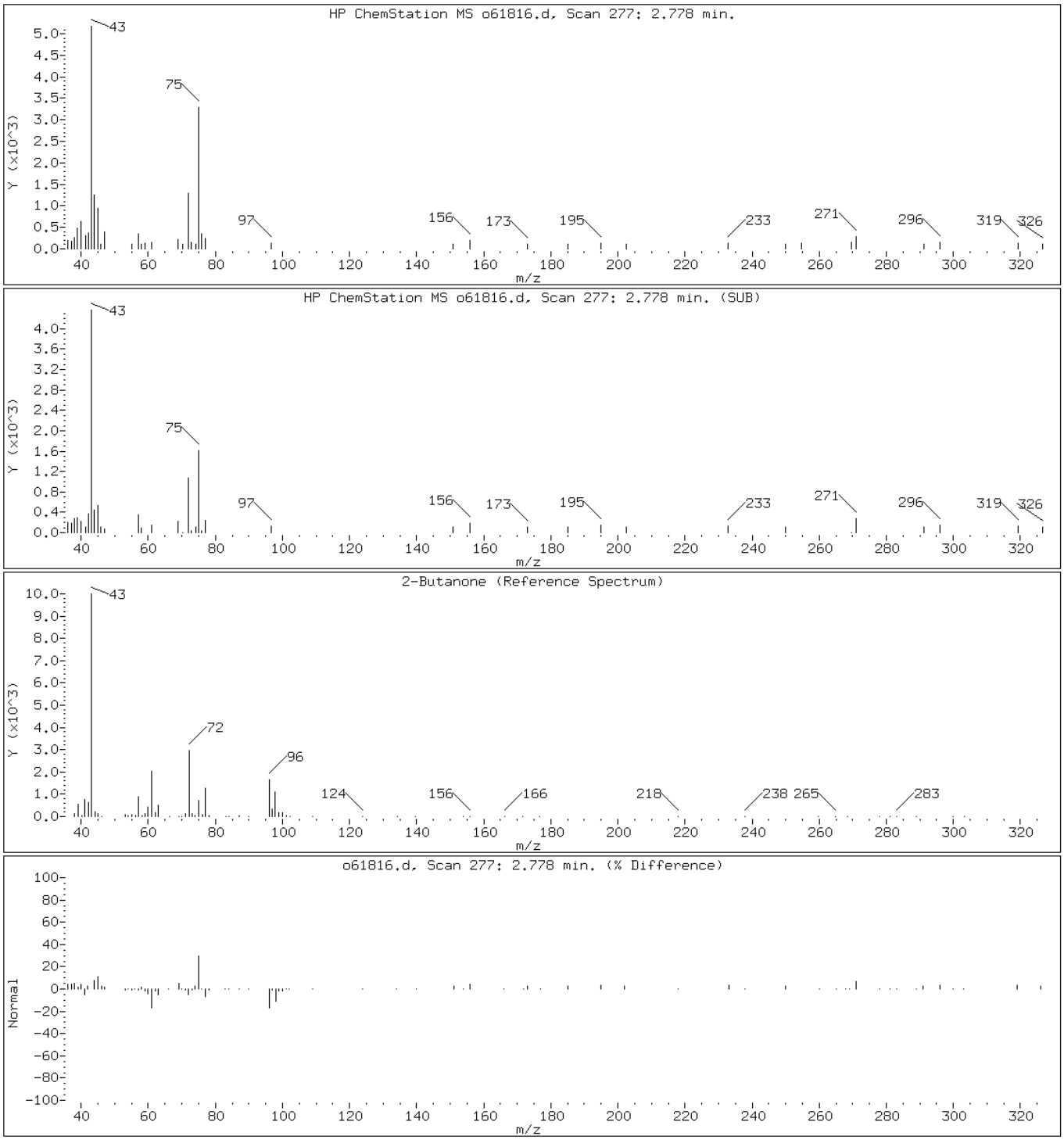
Data File: o61816.d

Date: 02-JUL-2012 21:48

Client ID: SF-33 Instrument: VOAMS12.i

Sample Info: 460-41730-B-9-A;;;5.69;5 Operator: VOAMS 9

18 2-Butanone



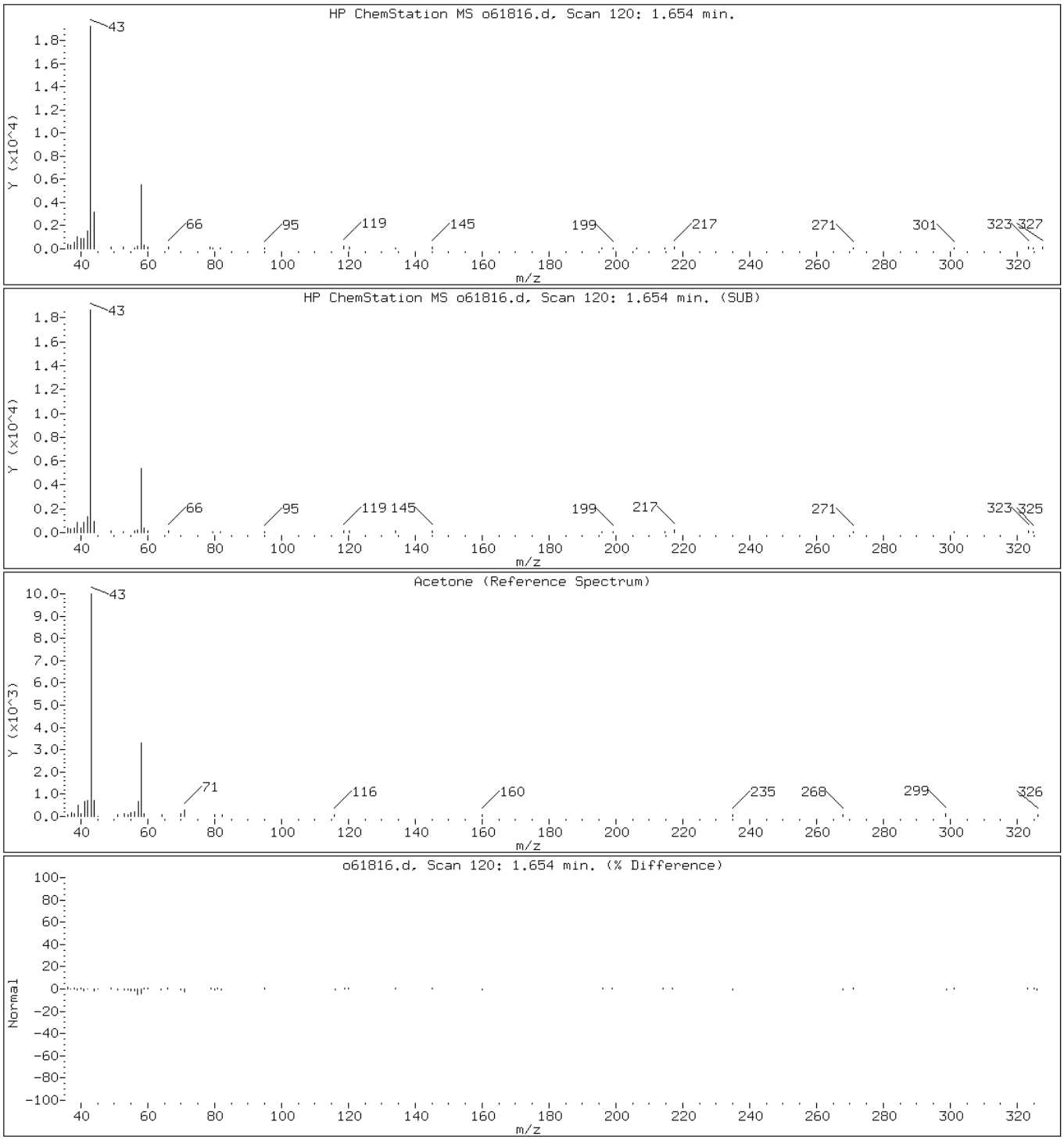
Data File: o61816.d

Date: 02-JUL-2012 21:48

Client ID: SF-33 Instrument: VOAMS12.i

Sample Info: 460-41730-B-9-A;;;5.69;5 Operator: VOAMS 9

7 Acetone



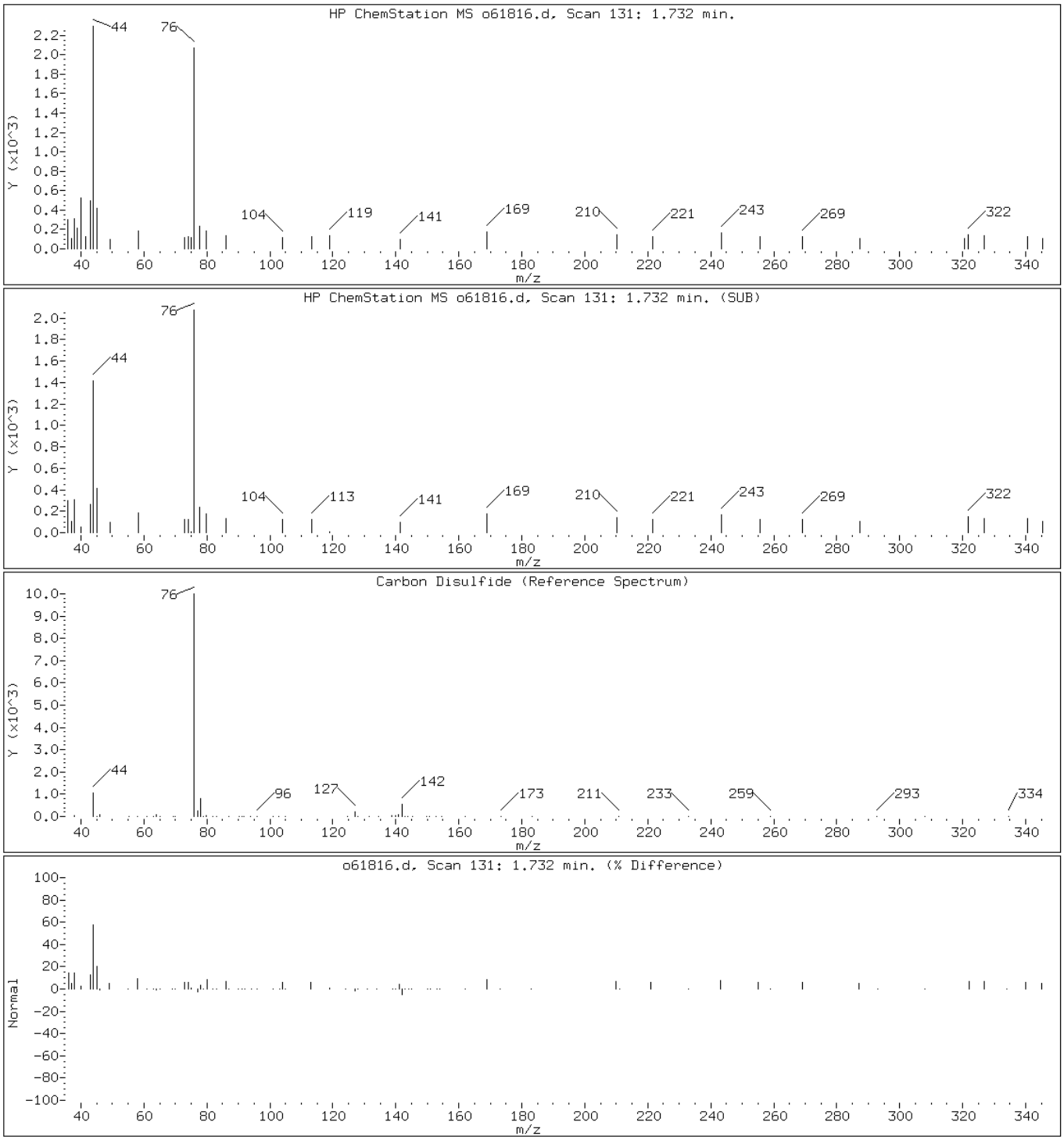
Data File: o61816.d

Date: 02-JUL-2012 21:48

Client ID: SF-33 Instrument: VOAMS12.i

Sample Info: 460-41730-B-9-A;;;5.69;5 Operator: VOAMS 9

8 Carbon Disulfide



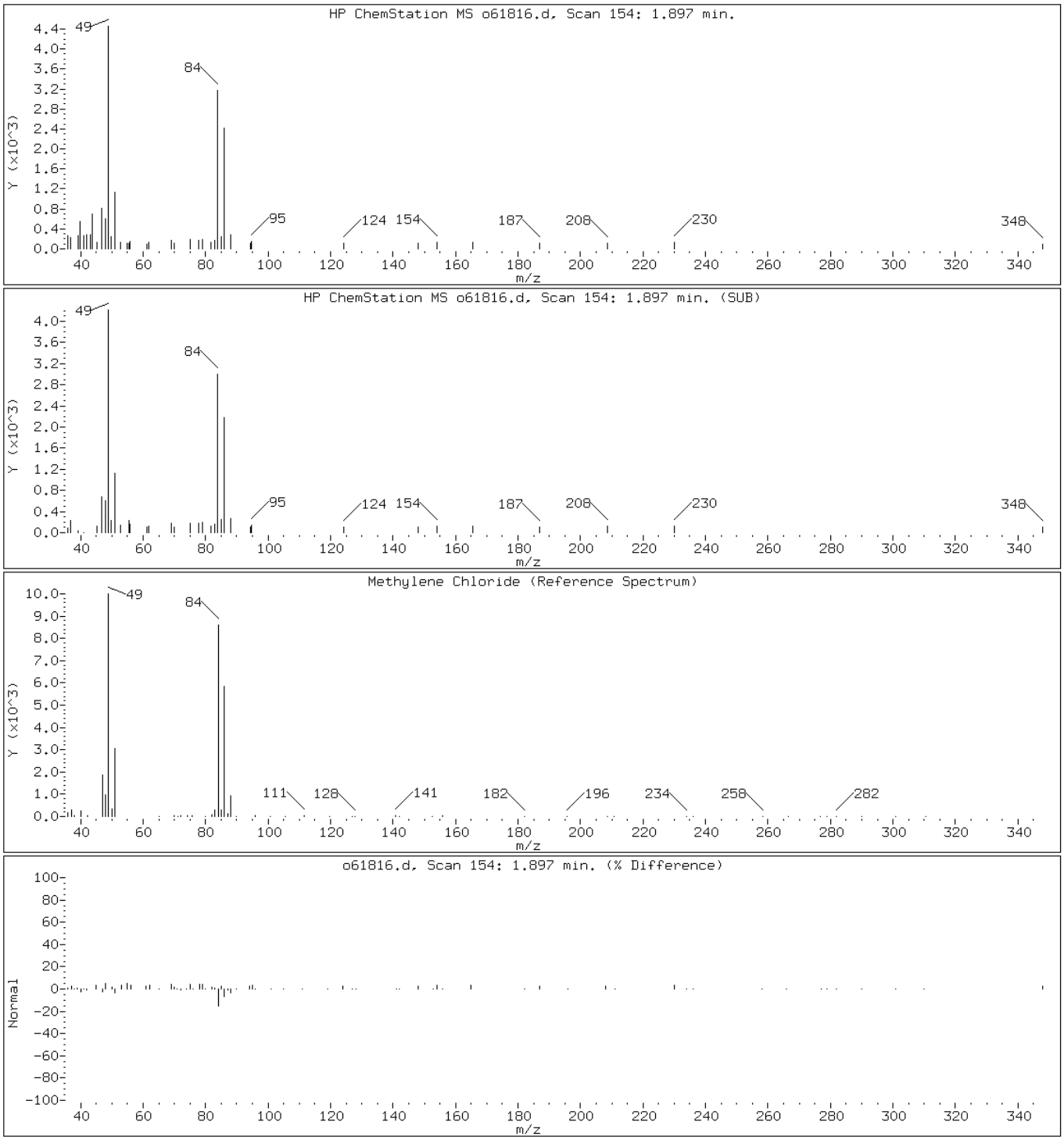
Data File: o61816.d

Date: 02-JUL-2012 21:48

Client ID: SF-33 Instrument: VOAMS12.i

Sample Info: 460-41730-B-9-A;;;5.69;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H Lab Sample ID: 460-41730-10

Matrix: Solid Lab File ID: o61817.d

Analysis Method: 8260B Date Collected: 06/25/2012 00:00

Sample wt/vol: 4.93(g) Date Analyzed: 07/02/2012 22:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.2	0.52
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
123-91-1	1,4-Dioxane	15	U	59	15
78-93-3	2-Butanone	0.75	U	12	0.75
591-78-6	2-Hexanone	0.15	U	12	0.15
108-10-1	4-Methyl-2-pentanone	0.24	U	12	0.24
67-64-1	Acetone	44	B	12	2.0
71-43-2	Benzene	0.18	U	1.2	0.18
74-97-5	Bromochloromethane	0.13	U *	1.2	0.13
75-27-4	Bromodichloromethane	0.38	U	1.2	0.38
75-25-2	Bromoform	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.51	U	1.2	0.51
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
75-00-3	Chloroethane	0.39	U	1.2	0.39
67-66-3	Chloroform	0.29	U	1.2	0.29
74-87-3	Chloromethane	0.19	U	1.2	0.19
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.15	U	1.2	0.15
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
100-41-4	Ethylbenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: o61817.d

Analysis Method: 8260B | Date Collected: 06/25/2012 00:00

Sample wt/vol: 4.93(g) | Date Analyzed: 07/02/2012 22:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.38	U	1.2	0.38
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	1.6	B	1.2	0.18
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.33	U	1.2	0.33
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.17	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.14	U	1.2	0.14
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
1330-20-7	Xylenes, Total	0.80	U	3.6	0.80

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: o61817.d

Analysis Method: 8260B | Date Collected: 06/25/2012 00:00

Sample wt/vol: 4.93(g) | Date Analyzed: 07/02/2012 22:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61817.d
Report Date: 03-Jul-2012 13:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61817.d
Lab Smp Id: 460-41730-B-10-A Client Smp ID: FD-H
Inj Date : 02-JUL-2012 22:13
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-10-A;;;4.93;5
Misc Info : 460-41730-B-10-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.93000	Weight of sample extracted (g)
M	14.64355	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

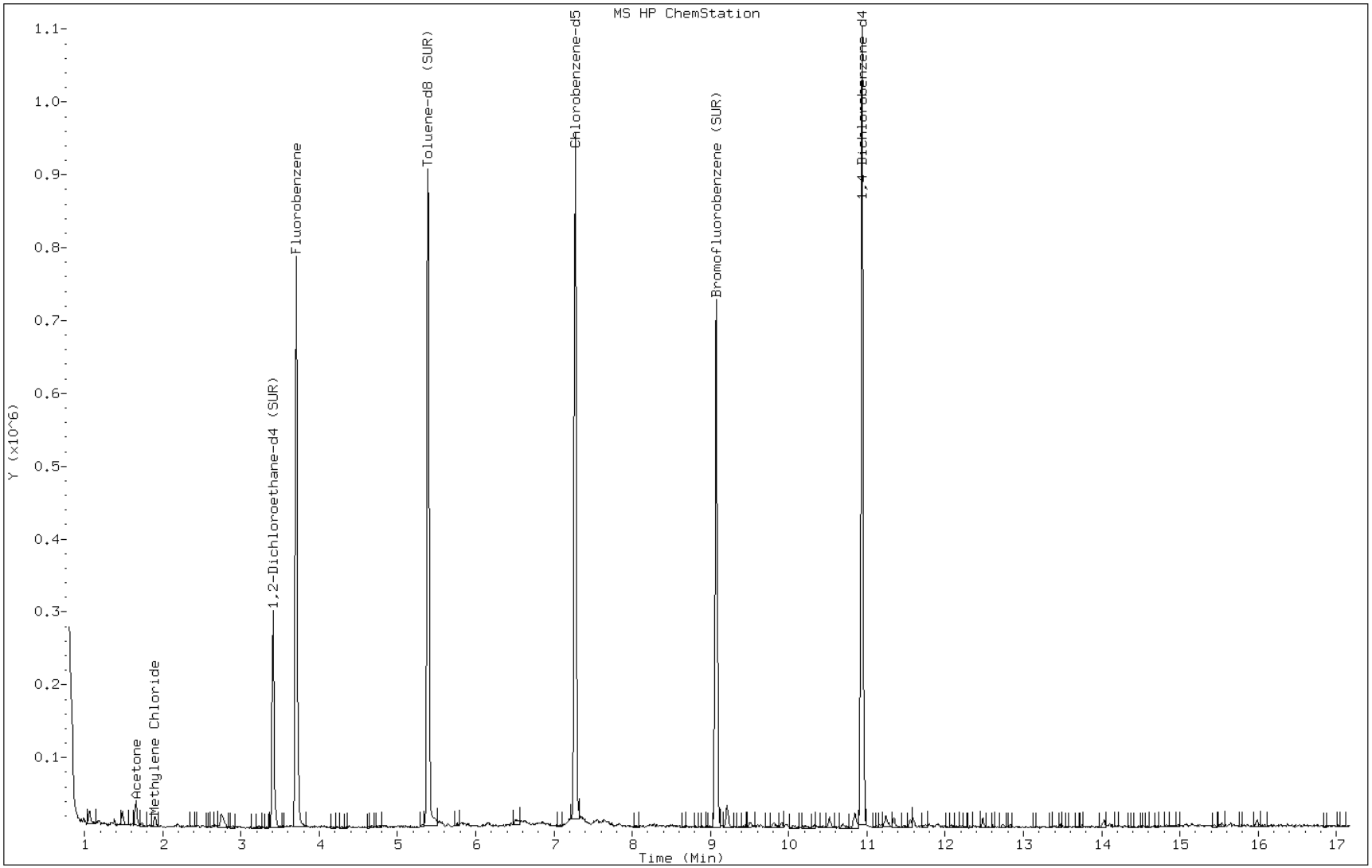
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.654	1.661	(0.446)	42513	36.6183	44
6 Methylene Chloride	84	1.897	1.897	(0.511)	5884	1.37468	1.6
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	190229	56.6510	67
* 69 Fluorobenzene	96	3.710	3.702	(1.000)	678863	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	606572	47.8241	57
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	575858	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	245638	50.8958	60
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	354983	50.0000	

Data File: o61817.d

Date: 02-JUL-2012 22:13

Client ID: FD-H Instrument: VOAMS12.i

Sample Info: 460-41730-B-10-A;;;4.93;5 Operator: VOAMS 9



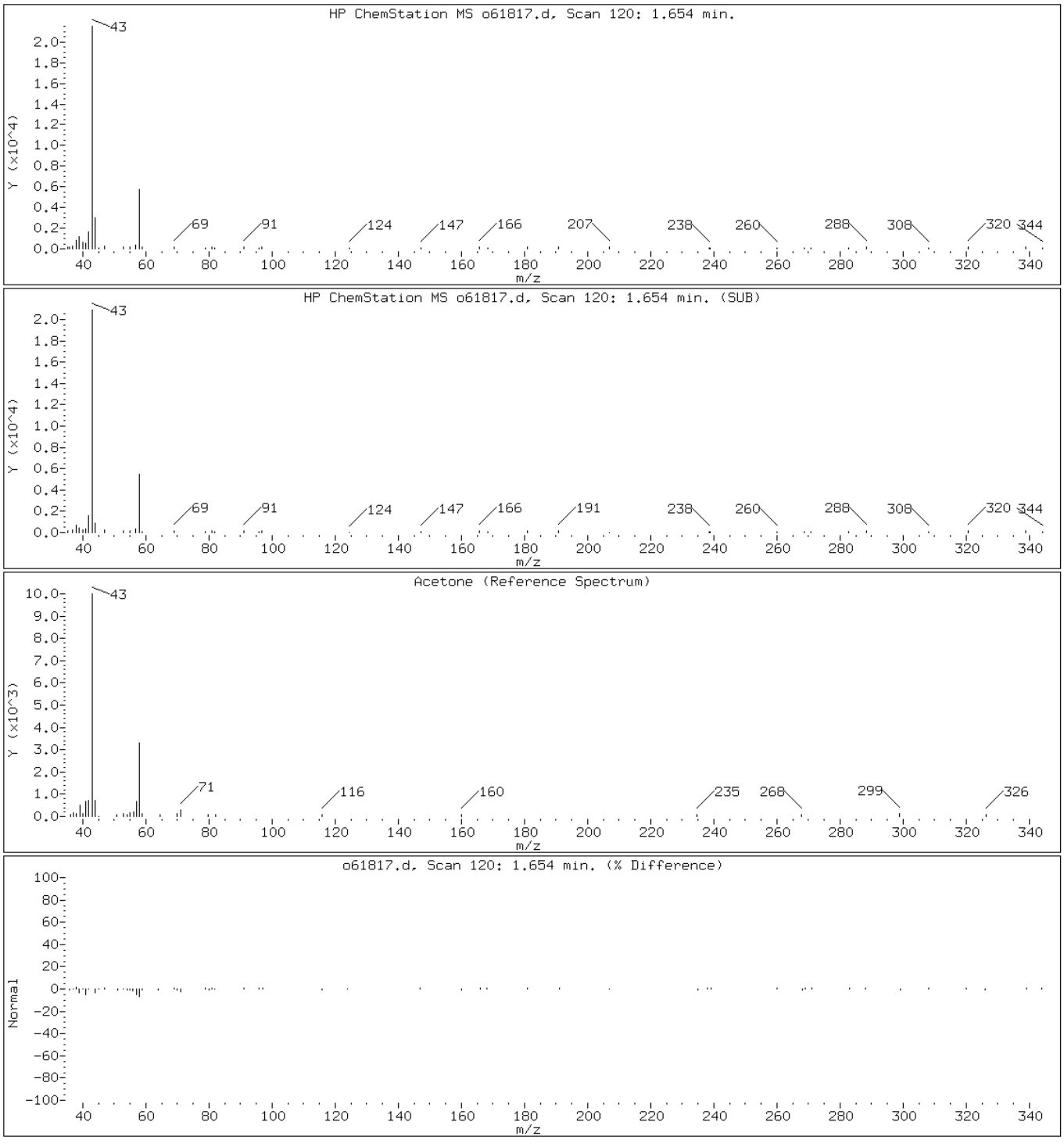
Data File: o61817.d

Date: 02-JUL-2012 22:13

Client ID: FD-H Instrument: VOAMS12.i

Sample Info: 460-41730-B-10-A;;;4.93;5 Operator: VOAMS 9

7 Acetone



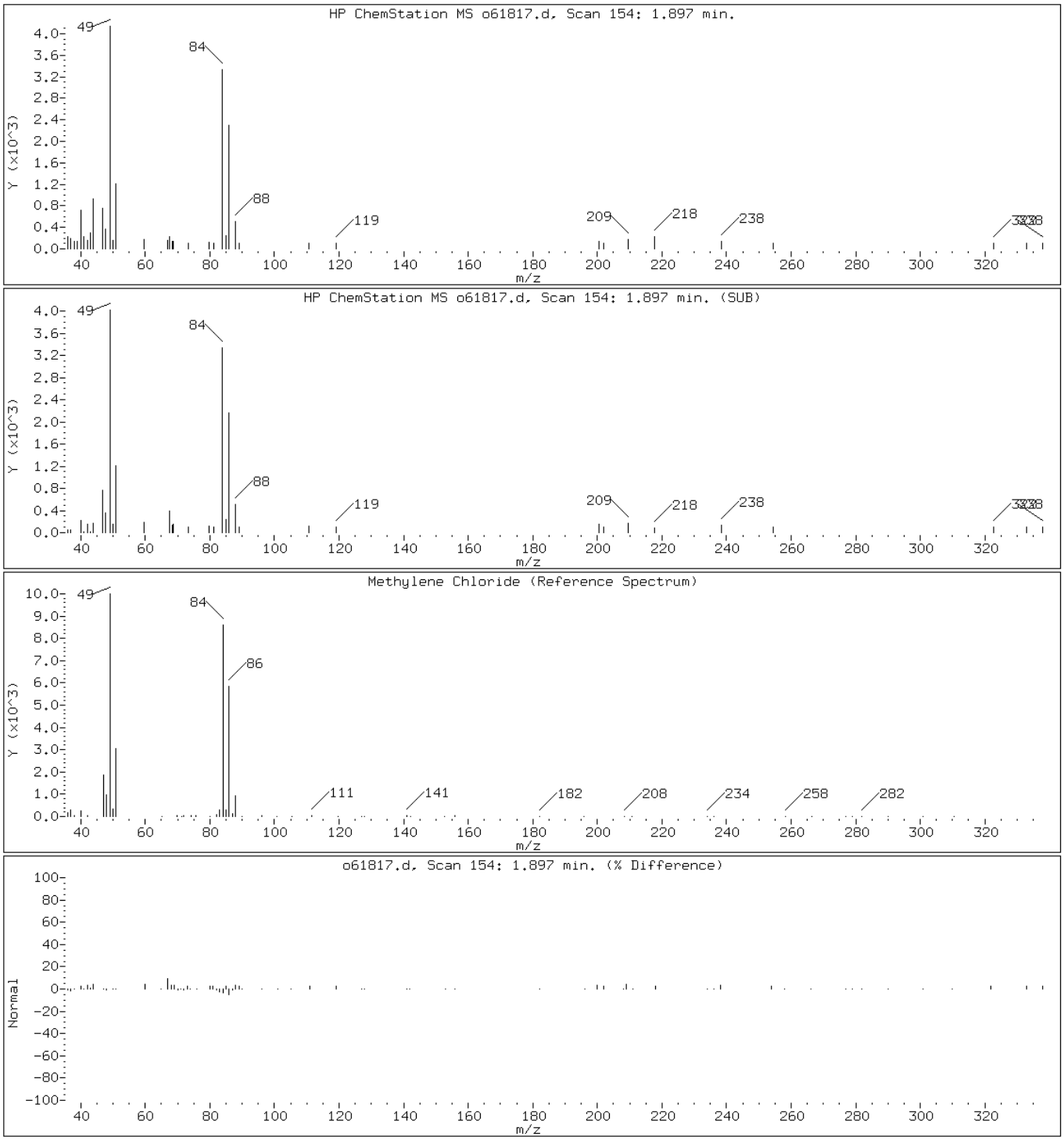
Data File: o61817.d

Date: 02-JUL-2012 22:13

Client ID: FD-H Instrument: VOAMS12.i

Sample Info: 460-41730-B-10-A;;;4.93;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: o61818.d

Analysis Method: 8260B | Date Collected: 06/25/2012 10:38

Sample wt/vol: 4.69(g) | Date Analyzed: 07/02/2012 22:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
75-34-3	1,1-Dichloroethane	0.13	U	1.1	0.13
75-35-4	1,1-Dichloroethene	0.22	U	1.1	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.1	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.21	U	1.1	0.21
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.13	U	1.1	0.13
123-91-1	1,4-Dioxane	14	U	57	14
78-93-3	2-Butanone	0.72	U	11	0.72
591-78-6	2-Hexanone	0.15	U	11	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	11	0.23
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.13	U *	1.1	0.13
75-27-4	Bromodichloromethane	0.37	U	1.1	0.37
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.49	U	1.1	0.49
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.21	U	1.1	0.21
75-00-3	Chloroethane	0.38	U	1.1	0.38
67-66-3	Chloroform	0.27	U	1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.1	0.13
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: o61818.d

Analysis Method: 8260B | Date Collected: 06/25/2012 10:38

Sample wt/vol: 4.69(g) | Date Analyzed: 07/02/2012 22:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.1	0.13
98-82-8	Isopropylbenzene	0.13	U	1.1	0.13
79-20-9	Methyl acetate	0.37	U	1.1	0.37
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.3	B	1.1	0.17
1634-04-4	MTBE	0.13	U	1.1	0.13
100-42-5	Styrene	0.32	U	1.1	0.32
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.16	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.14	U	1.1	0.14
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.39	U	1.1	0.39
1330-20-7	Xylenes, Total	0.76	U	3.4	0.76

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	80		70-130
2037-26-5	Toluene-d8 (Surr)	75		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: o61818.d

Analysis Method: 8260B | Date Collected: 06/25/2012 10:38

Sample wt/vol: 4.69(g) | Date Analyzed: 07/02/2012 22:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.6 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61818.d
Report Date: 03-Jul-2012 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61818.d
Lab Smp Id: 460-41730-B-11-A Client Smp ID: F-17
Inj Date : 02-JUL-2012 22:38
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-11-A;;;4.69;5
Misc Info : 460-41730-B-11-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.69000	Weight of sample extracted (g)
M	6.62021	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

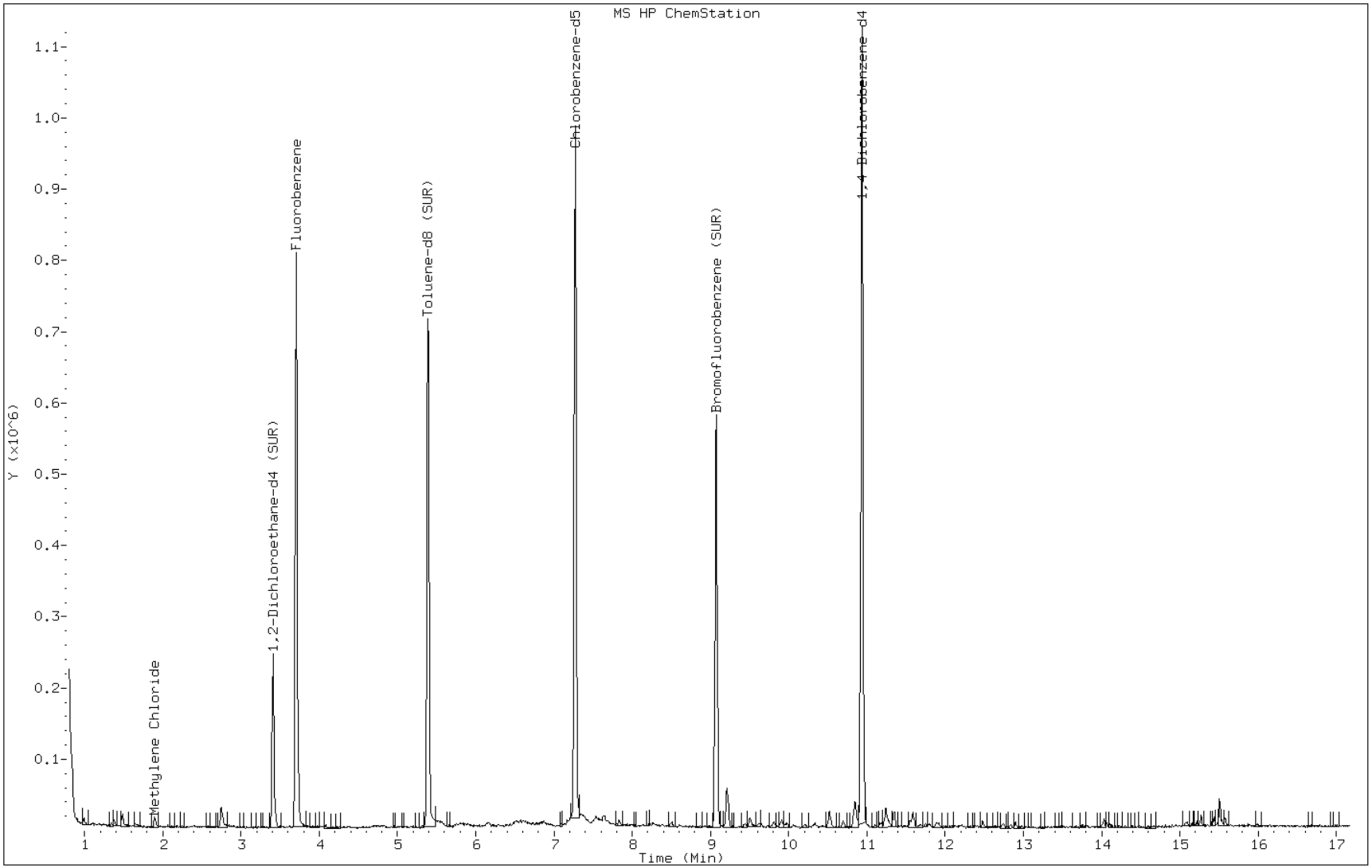
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	4872	1.11078	1.3
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	149874	43.5561	50
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	695649	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	486412	37.7101	43
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	585634	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	194301	39.8896	46
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	358269	50.0000	

Data File: o61818.d

Date: 02-JUL-2012 22:38

Client ID: F-17 Instrument: VOAMS12.i

Sample Info: 460-41730-B-11-A;;;4.69;5 Operator: VOAMS 9



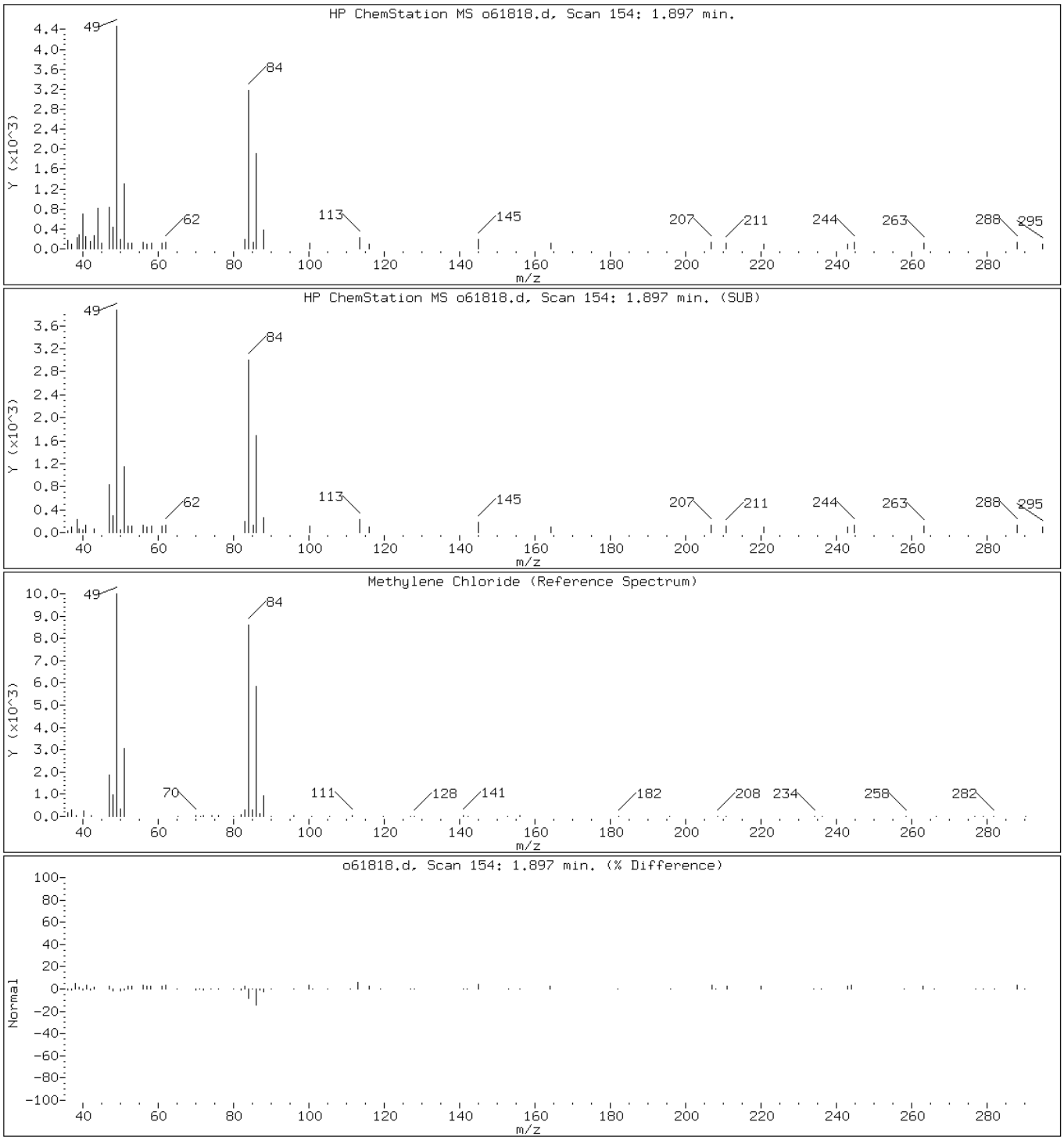
Data File: o61818.d

Date: 02-JUL-2012 22:38

Client ID: F-17 Instrument: VOAMS12.i

Sample Info: 460-41730-B-11-A;;;4.69;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: o61819.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:50

Sample wt/vol: 4.90(g) | Date Analyzed: 07/02/2012 23:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.1	0.49
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	56	14
78-93-3	2-Butanone	0.71	U	11	0.71
591-78-6	2-Hexanone	0.15	U	11	0.15
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U *	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.37	U	1.1	0.37
67-66-3	Chloroform	0.27	U	1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: o61819.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:50

Sample wt/vol: 4.90(g) | Date Analyzed: 07/02/2012 23:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.3	B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
1330-20-7	Xylenes, Total	0.75	U	3.4	0.75

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 Lab Sample ID: 460-41730-12

Matrix: Solid Lab File ID: o61819.d

Analysis Method: 8260B Date Collected: 06/25/2012 12:50

Sample wt/vol: 4.90(g) Date Analyzed: 07/02/2012 23:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61819.d
Report Date: 03-Jul-2012 13:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61819.d
Lab Smp Id: 460-41730-B-12-A Client Smp ID: F-18
Inj Date : 02-JUL-2012 23:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-12-A;;;4.90;5
Misc Info : 460-41730-B-12-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.90000	Weight of sample extracted (g)
M	8.90909	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

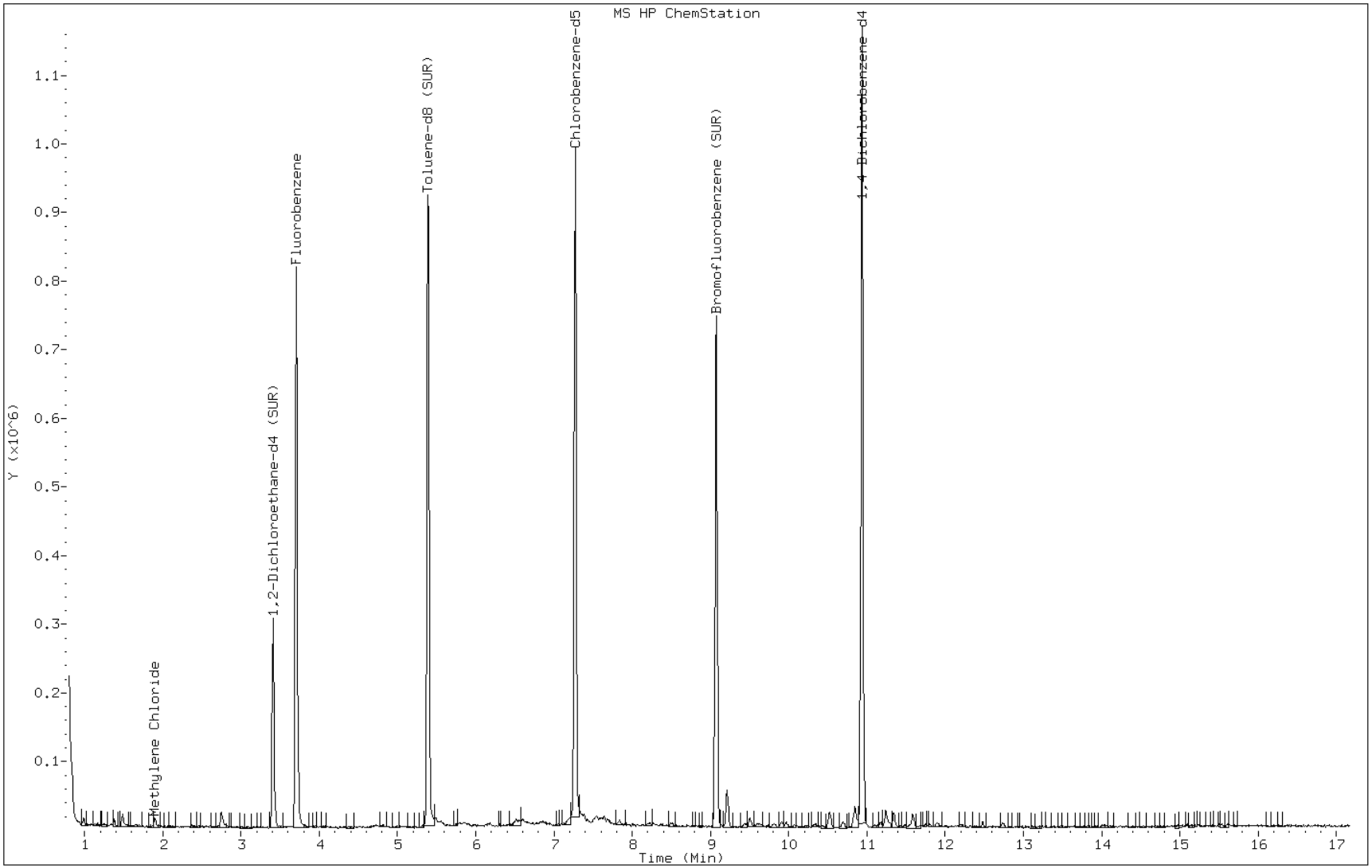
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	5085	1.13089	1.3
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	194504	55.1391	62
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	713152	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	630834	47.9826	54
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	596913	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	252056	50.5950	57
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	366423	50.0000	

Data File: o61819.d

Date: 02-JUL-2012 23:03

Client ID: F-18 Instrument: VOAMS12.i

Sample Info: 460-41730-B-12-A;;;4.90;5 Operator: VOAMS 9



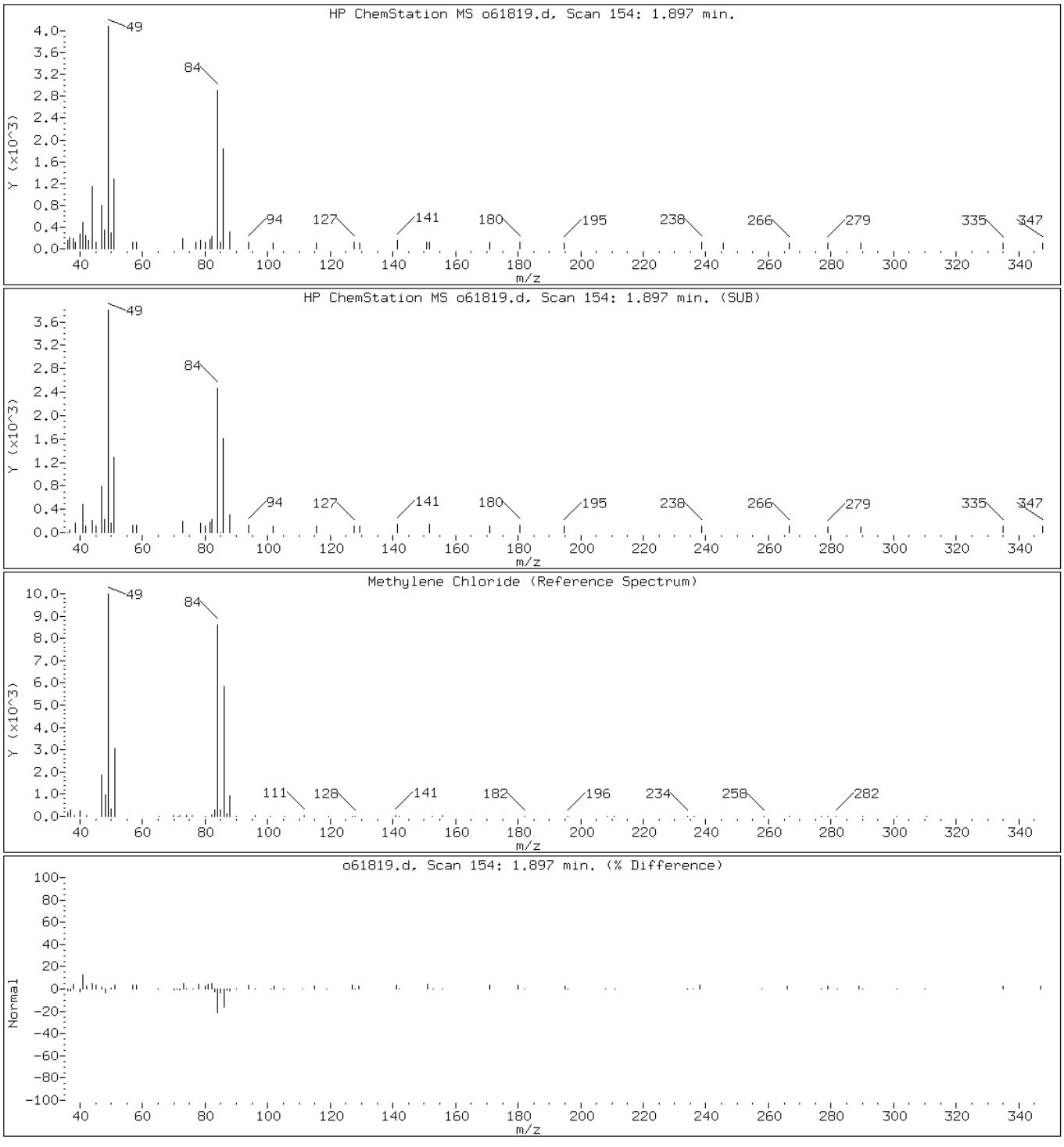
Data File: o61819.d

Date: 02-JUL-2012 23:03

Client ID: F-18 Instrument: VOAMS12.i

Sample Info: 460-41730-B-12-A;;;4.90;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: o61820.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:55

Sample wt/vol: 4.92(g) | Date Analyzed: 07/02/2012 23:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.2	0.52
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
123-91-1	1,4-Dioxane	15	U	59	15
78-93-3	2-Butanone	44		12	0.75
591-78-6	2-Hexanone	0.15	U	12	0.15
108-10-1	4-Methyl-2-pentanone	0.24	U	12	0.24
67-64-1	Acetone	190	B	12	2.0
71-43-2	Benzene	0.18	U	1.2	0.18
74-97-5	Bromochloromethane	0.13	U *	1.2	0.13
75-27-4	Bromodichloromethane	0.38	U	1.2	0.38
75-25-2	Bromoform	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.51	U	1.2	0.51
75-15-0	Carbon disulfide	2.6		1.2	0.18
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
75-00-3	Chloroethane	0.39	U	1.2	0.39
67-66-3	Chloroform	0.28	U	1.2	0.28
74-87-3	Chloromethane	0.19	U	1.2	0.19
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.15	U	1.2	0.15
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
100-41-4	Ethylbenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: o61820.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:55

Sample wt/vol: 4.92(g) | Date Analyzed: 07/02/2012 23:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.20	J	1.2	0.13
79-20-9	Methyl acetate	0.38	U	1.2	0.38
108-87-2	Methylcyclohexane	2.0		1.2	0.12
75-09-2	Methylene Chloride	1.4	B	1.2	0.18
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.33	U	1.2	0.33
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.30	J	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.14	U	1.2	0.14
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
1330-20-7	Xylenes, Total	0.79	U	3.6	0.79

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Matrix: Solid Lab File ID: o61820.d

Analysis Method: 8260B Date Collected: 06/25/2012 12:55

Sample wt/vol: 4.92(g) Date Analyzed: 07/02/2012 23:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61820.d
Report Date: 03-Jul-2012 13:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61820.d
Lab Smp Id: 460-41730-B-13-A Client Smp ID: F-19
Inj Date : 02-JUL-2012 23:28
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-13-A;;;4.92;5
Misc Info : 460-41730-B-13-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.92000	Weight of sample extracted (g)
M	14.15771	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.447)	195855	160.656	190
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	33521	2.16499	2.6
	6 Methylene Chloride	84	1.897	1.897	(0.512)	5126	1.14049	1.4
	18 2-Butanone	72	2.778	2.778	(0.750)	18530	36.7531	44
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	190623	54.0621	64
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	712846	50.0000	
	126 Methyl cyclohexane	83	4.225	4.225	(1.141)	15558	1.66392	2.0
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	595014	47.0880	56
	38 Toluene	91	5.471	5.464	(0.753)	6299	0.25158	0.30(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	573716	50.0000	
	44 o-Xylene	106	8.272	8.272	(1.138)	4228	0.42291	0.50(a)
	110 Isopropylbenzene	105	8.874	8.867	(1.221)	4818	0.17297	0.20(a)
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	230417	51.1505	60
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	18479	0.73845	0.87(a)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61820.d
Report Date: 03-Jul-2012 13:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	40503	1.60185	1.9
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	331328	50.0000	
70	Naphthalene	128	13.480	13.480	(1.232)	8459	0.38194	0.45(a)

QC Flag Legend

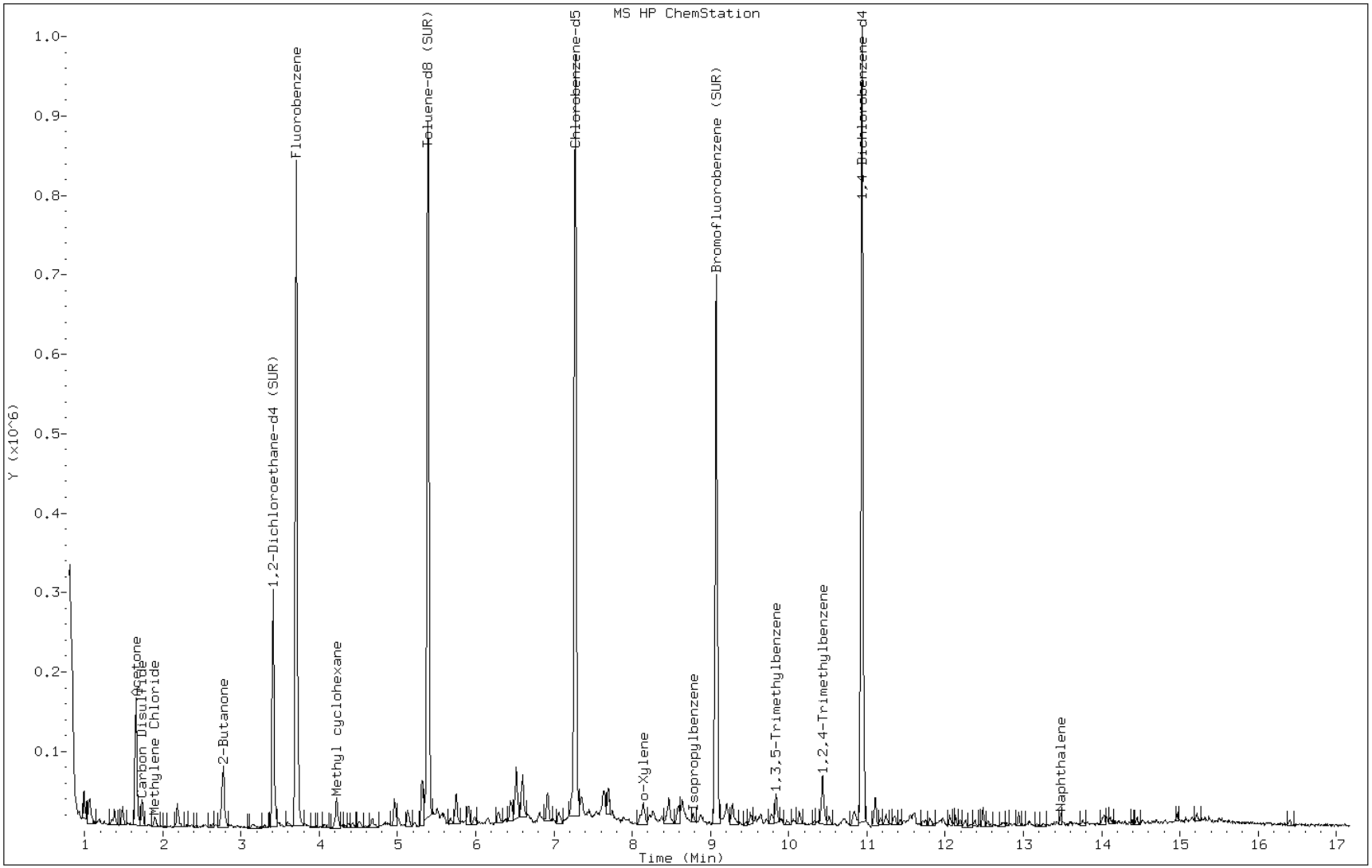
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9



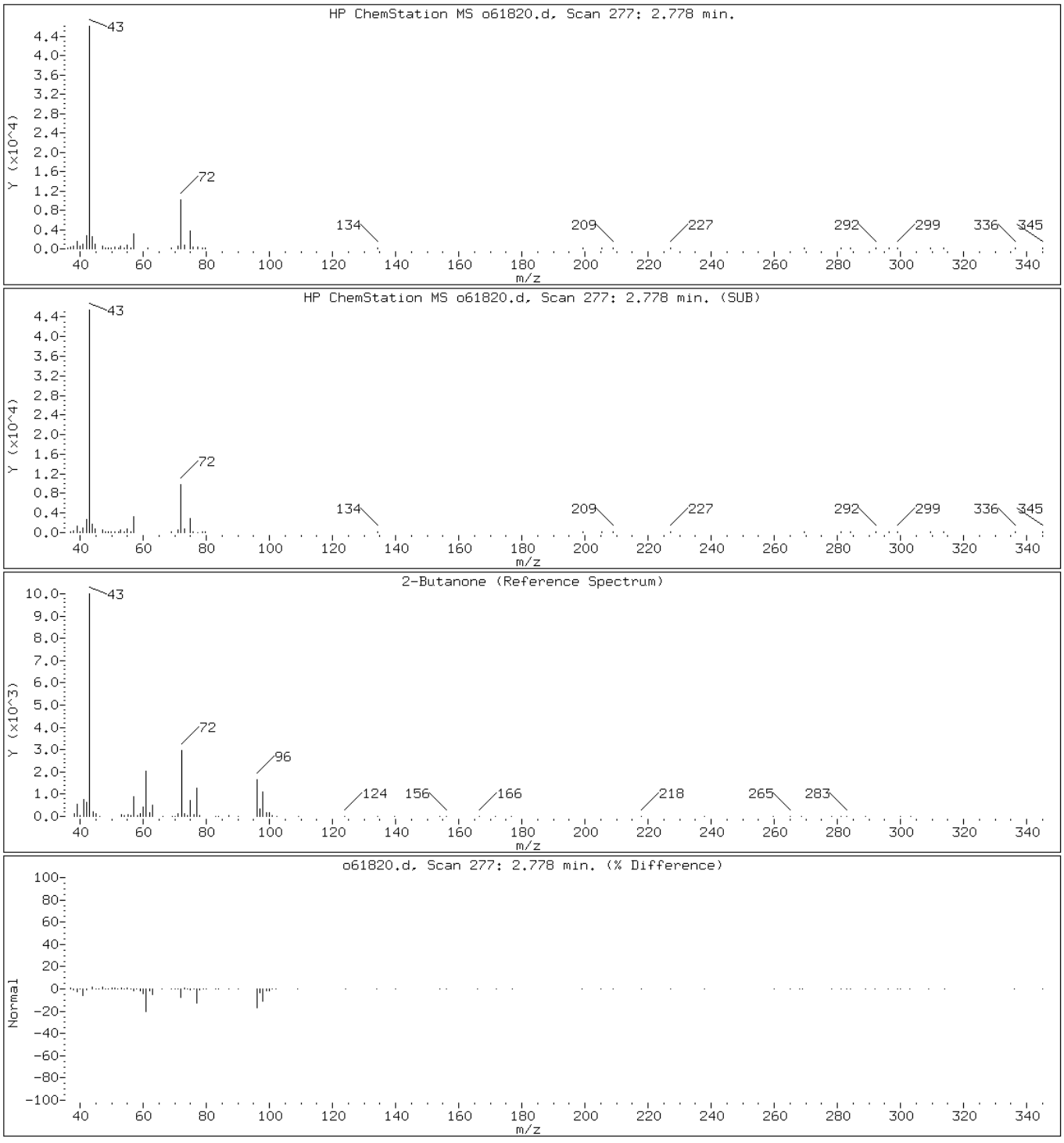
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

18 2-Butanone



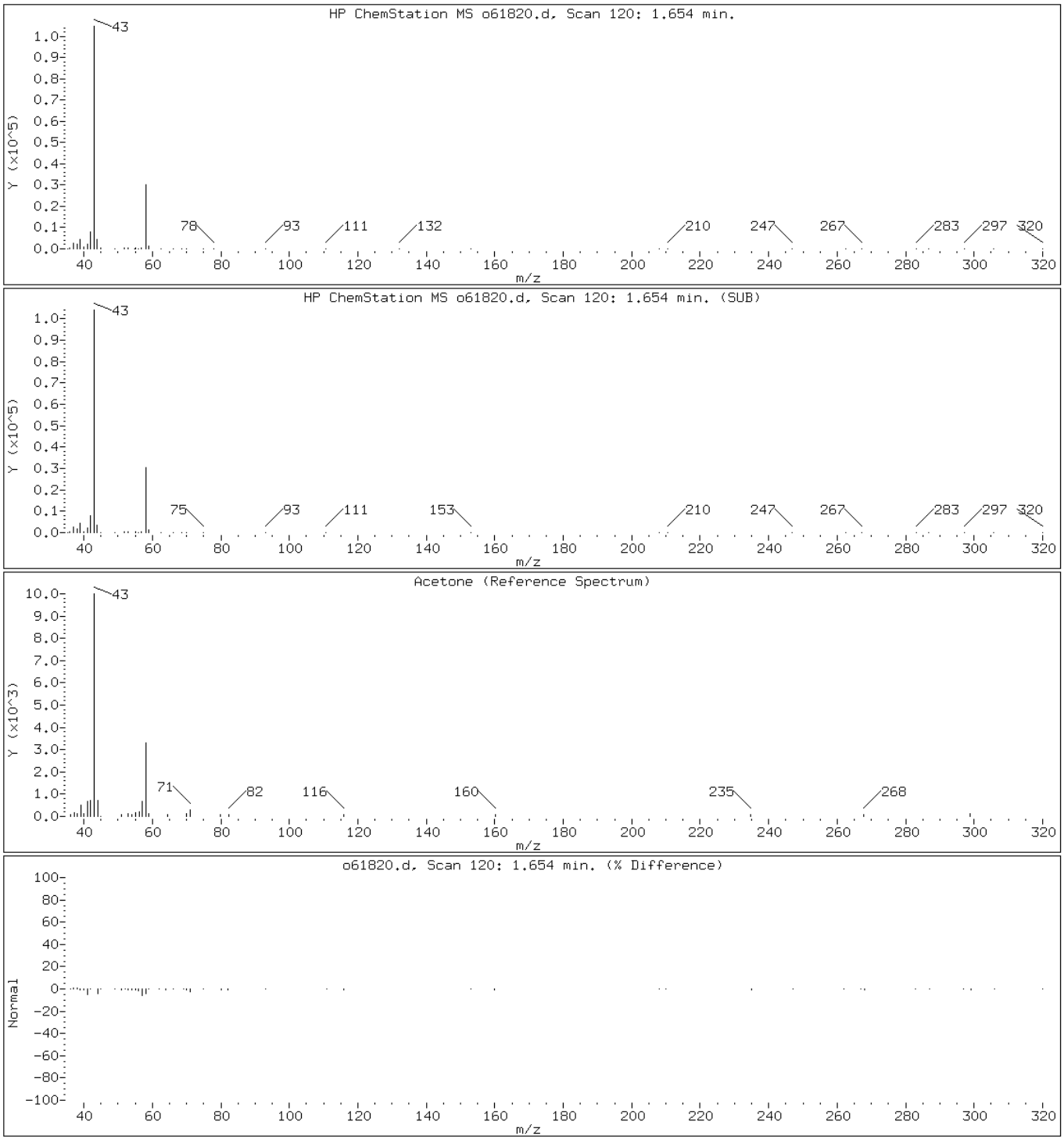
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

7 Acetone



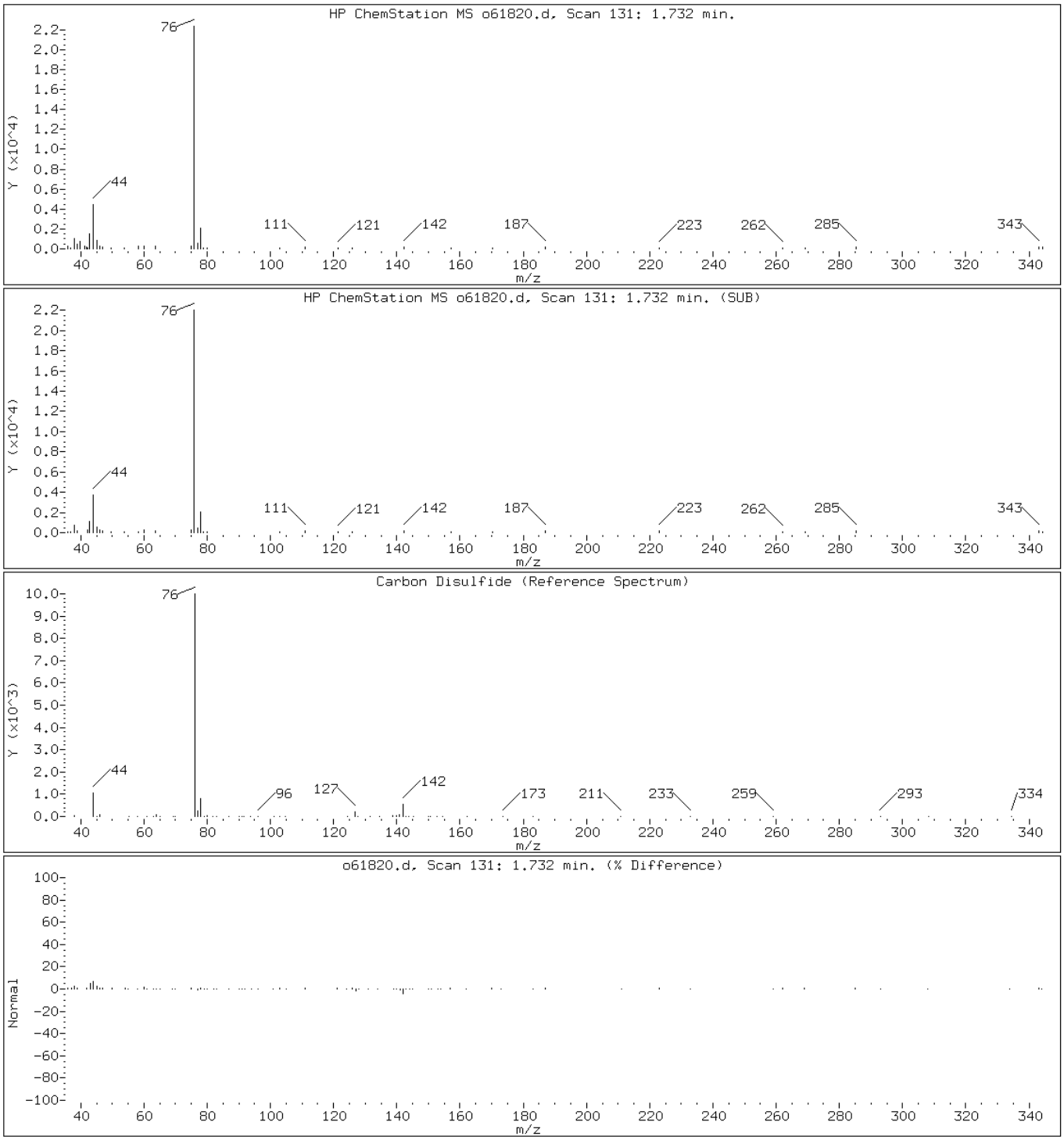
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

8 Carbon Disulfide



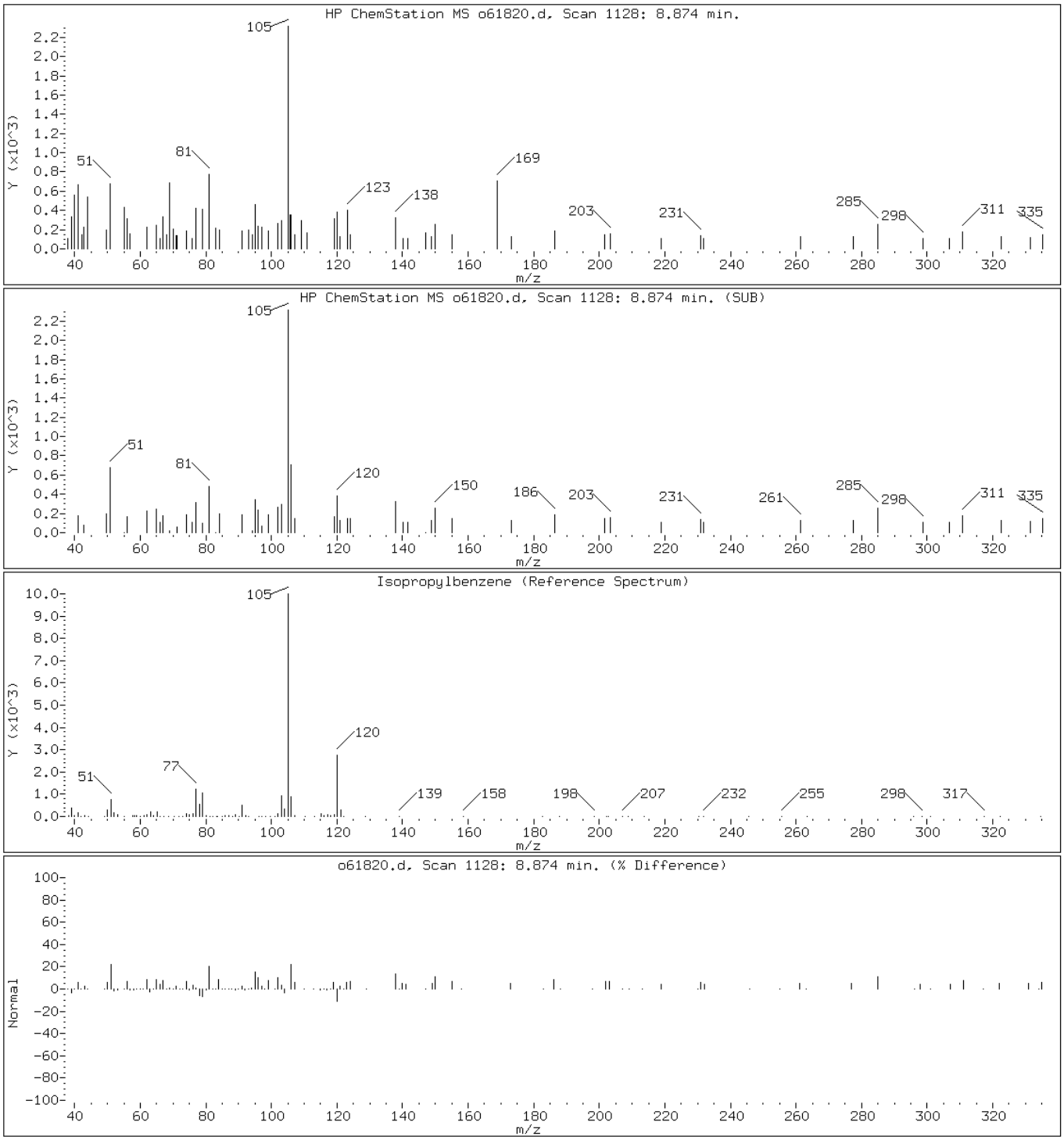
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

110 Isopropylbenzene



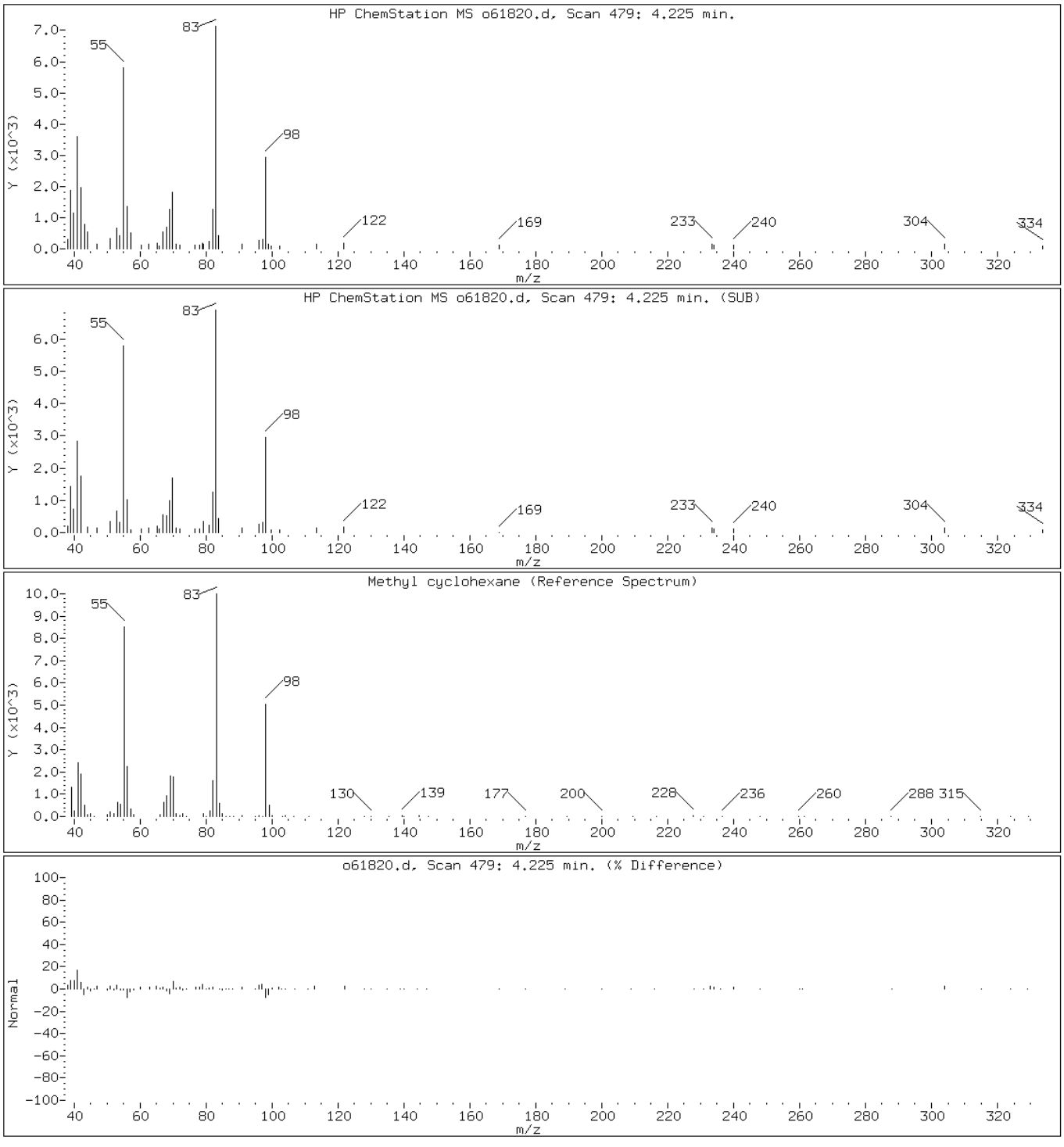
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

126 Methyl cyclohexane



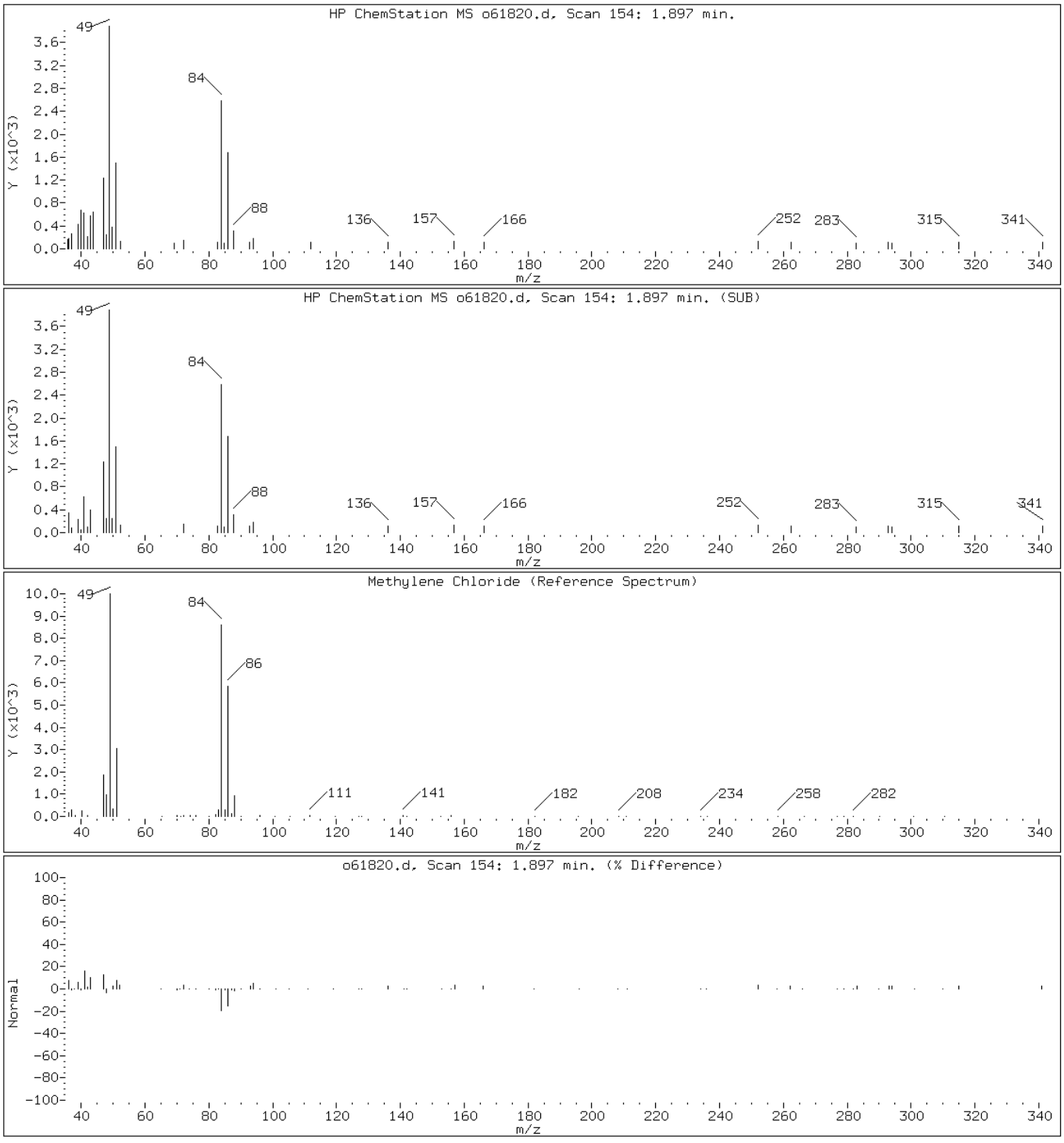
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

6 Methylene Chloride



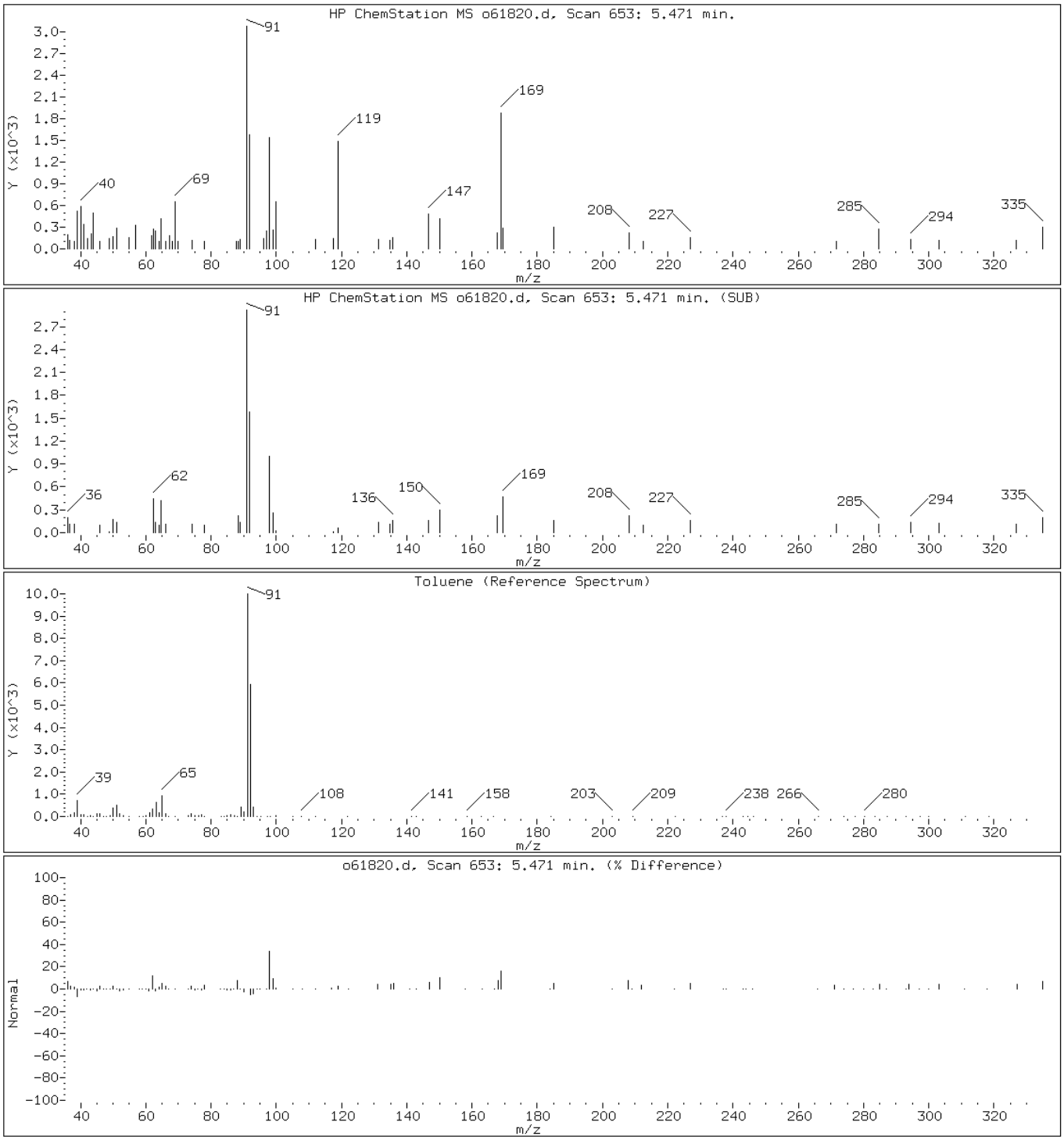
Data File: o61820.d

Date: 02-JUL-2012 23:28

Client ID: F-19 Instrument: VOAMS12.i

Sample Info: 460-41730-B-13-A;;;4.92;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: e05041.d

Analysis Method: 8260B | Date Collected: 06/25/2012 13:00

Sample wt/vol: 2.71(g) | Date Analyzed: 07/03/2012 22:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	14	U	220	14
79-34-5	1,1,2,2-Tetrachloroethane	34	U	220	34
79-00-5	1,1,2-Trichloroethane	41	U	220	41
75-34-3	1,1-Dichloroethane	28	U	220	28
75-35-4	1,1-Dichloroethene	19	U	220	19
87-61-6	1,2,3-Trichlorobenzene	110	U	220	110
120-82-1	1,2,4-Trichlorobenzene	75	U	220	75
96-12-8	1,2-Dibromo-3-Chloropropane	87	U	220	87
106-93-4	1,2-Dibromoethane	60	U	220	60
95-50-1	1,2-Dichlorobenzene	45	U	220	45
107-06-2	1,2-Dichloroethane	41	U	220	41
78-87-5	1,2-Dichloropropane	19	U	220	19
541-73-1	1,3-Dichlorobenzene	30	U	220	30
106-46-7	1,4-Dichlorobenzene	160	J	220	51
123-91-1	1,4-Dioxane	7900	U	11000	7900
78-93-3	2-Butanone	620	J	1100	510
591-78-6	2-Hexanone	110	U	1100	110
108-10-1	4-Methyl-2-pentanone	220	U	1100	220
67-64-1	Acetone	1900		1100	590
71-43-2	Benzene	18	U	220	18
74-97-5	Bromochloromethane	60	U	220	60
75-27-4	Bromodichloromethane	27	U	220	27
75-25-2	Bromoform	42	U	220	42
74-83-9	Bromomethane	40	U	220	40
75-15-0	Carbon disulfide	260		220	27
56-23-5	Carbon tetrachloride	12	U	220	12
108-90-7	Chlorobenzene	24	U	220	24
75-00-3	Chloroethane	37	U	220	37
67-66-3	Chloroform	17	U	220	17
74-87-3	Chloromethane	21	U	220	21
156-59-2	cis-1,2-Dichloroethene	39	U	220	39
10061-01-5	cis-1,3-Dichloropropene	40	U	220	40
110-82-7	Cyclohexane	35	U	220	35
124-48-1	Dibromochloromethane	44	U	220	44
75-71-8	Dichlorodifluoromethane	47	U	220	47
100-41-4	Ethylbenzene	59	J	220	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: e05041.d

Analysis Method: 8260B | Date Collected: 06/25/2012 13:00

Sample wt/vol: 2.71(g) | Date Analyzed: 07/03/2012 22:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	18	U	220	18
98-82-8	Isopropylbenzene	130	J	220	17
79-20-9	Methyl acetate	1700		440	73
108-87-2	Methylcyclohexane	370		220	30
75-09-2	Methylene Chloride	40	U	220	40
1634-04-4	MTBE	30	U	220	30
100-42-5	Styrene	26	U	220	26
127-18-4	Tetrachloroethene	21	U	220	21
108-88-3	Toluene	360		220	33
156-60-5	trans-1,2-Dichloroethene	28	U	220	28
10061-02-6	trans-1,3-Dichloropropene	53	U	220	53
79-01-6	Trichloroethene	37	J	220	20
75-69-4	Trichlorofluoromethane	32	U	220	32
75-01-4	Vinyl chloride	32	U	220	32
1330-20-7	Xylenes, Total	650	J	660	78

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	89		59-150
460-00-4	Bromofluorobenzene	90		72-133

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05041.d
Report Date: 09-Jul-2012 19:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05041.d
Lab Smp Id: 460-41730-A-14-A Client Smp ID: F-20
Inj Date : 03-JUL-2012 22:45
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-41730-A-14-A;50;;2.71;10
Misc Info : 460-41730-A-14-A
Comment   :
Method   : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 05-Jul-2012 16:14 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 6
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.71000	Weight of sample extracted (g)
M	15.56886	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	18 Carbon Disulfide	76	1.528	1.541	(0.427)	8059	1.19386	260
	16 Acetone	58	1.888	1.870	(0.528)	1759	8.81976	1900(H)
	27 Methyl Acetate	74	1.949	1.943	(0.545)	3087	7.73349	1700
	38 2-Butanone	72	3.064	3.059	(0.857)	1121	2.84151	620(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.935)	112379	49.2241	11000
*	52 Fluorobenzene	96	3.577	3.583	(1.000)	524540	50.0000	
	56 Methyl cyclohexane	83	3.711	3.717	(1.037)	6624	1.67977	370
	54 Trichloroethene	95	3.729	3.723	(1.043)	434	0.16915	37(a)
$	65 Toluene-d8 (SUR)	98	5.095	5.101	(0.733)	422053	44.5922	9700
	66 Toluene	91	5.149	5.150	(0.741)	21371	1.64495	360
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	449822	50.0000	
	81 Ethylbenzene	106	7.051	7.058	(1.015)	1205	0.26985	59(aMH)
	82 m+p-Xylene	106	7.271	7.271	(1.046)	12307	2.12844	460
	84 o-Xylene	106	7.856	7.856	(1.131)	4681	0.83730	180(a)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05041.d
Report Date: 09-Jul-2012 19:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	8358	0.58191	130(a)
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	178479	45.1689	9900
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	25930	1.55512	340
	97 1,3,5-Trimethylbenzene	105	9.325	9.326	(0.891)	79725	6.53600	1400
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	2823	0.27930	61(a)
	101 1,2,4-Trimethylbenzene	105	9.923	9.917	(0.948)	178806	13.7293	3000
	103 sec-Butylbenzene	105	10.088	10.082	(0.964)	32195	2.24525	490
	107 p-Isopropyltoluene	119	10.368	10.362	(0.991)	130472	10.3233	2200
*	108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	268583	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	5430	0.72407	160(a)
	116 Naphthalene	128	13.270	13.264	(1.268)	75825	7.90151	1700
M	121 Xylene (Total)	100				16988	2.96574	650(a)

QC Flag Legend

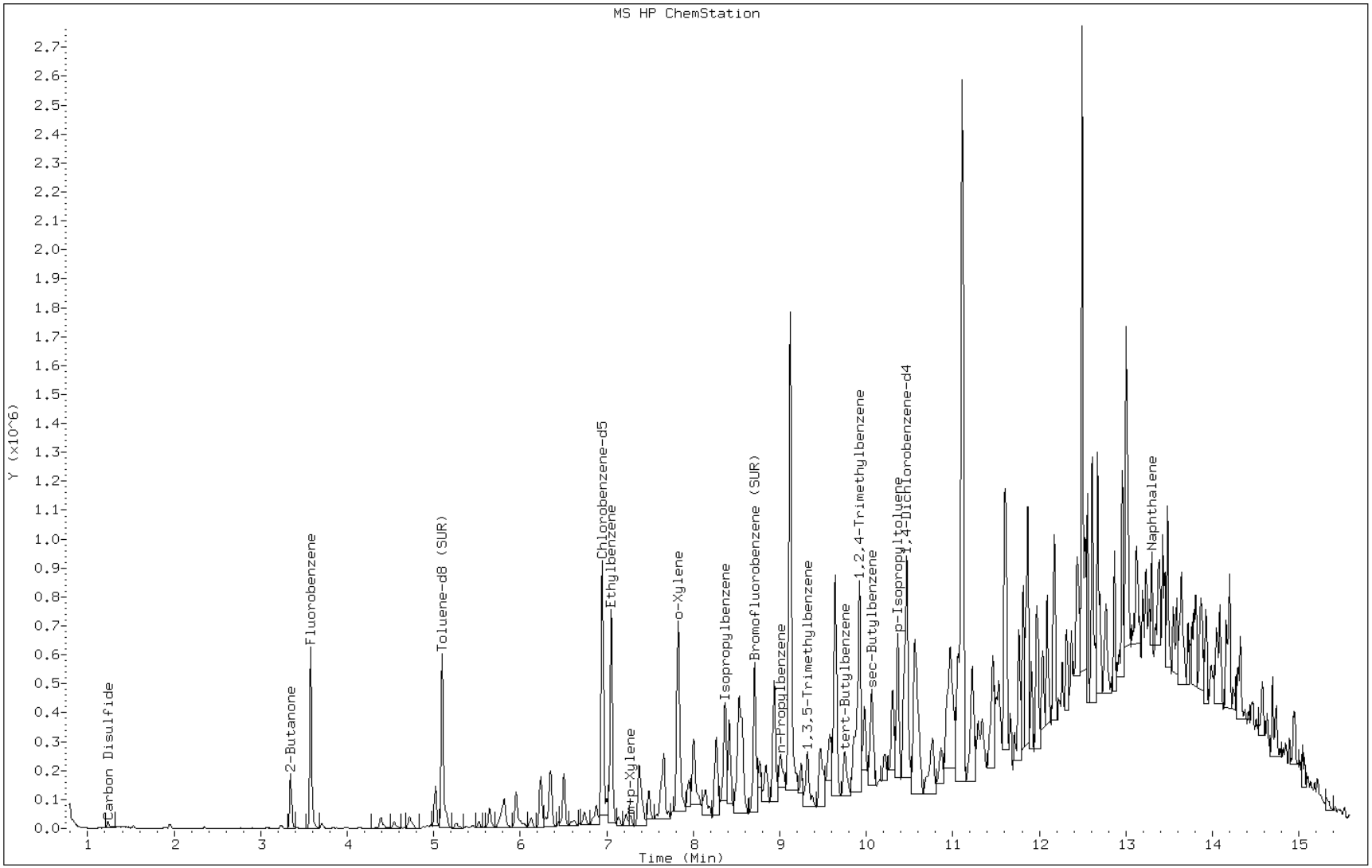
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5



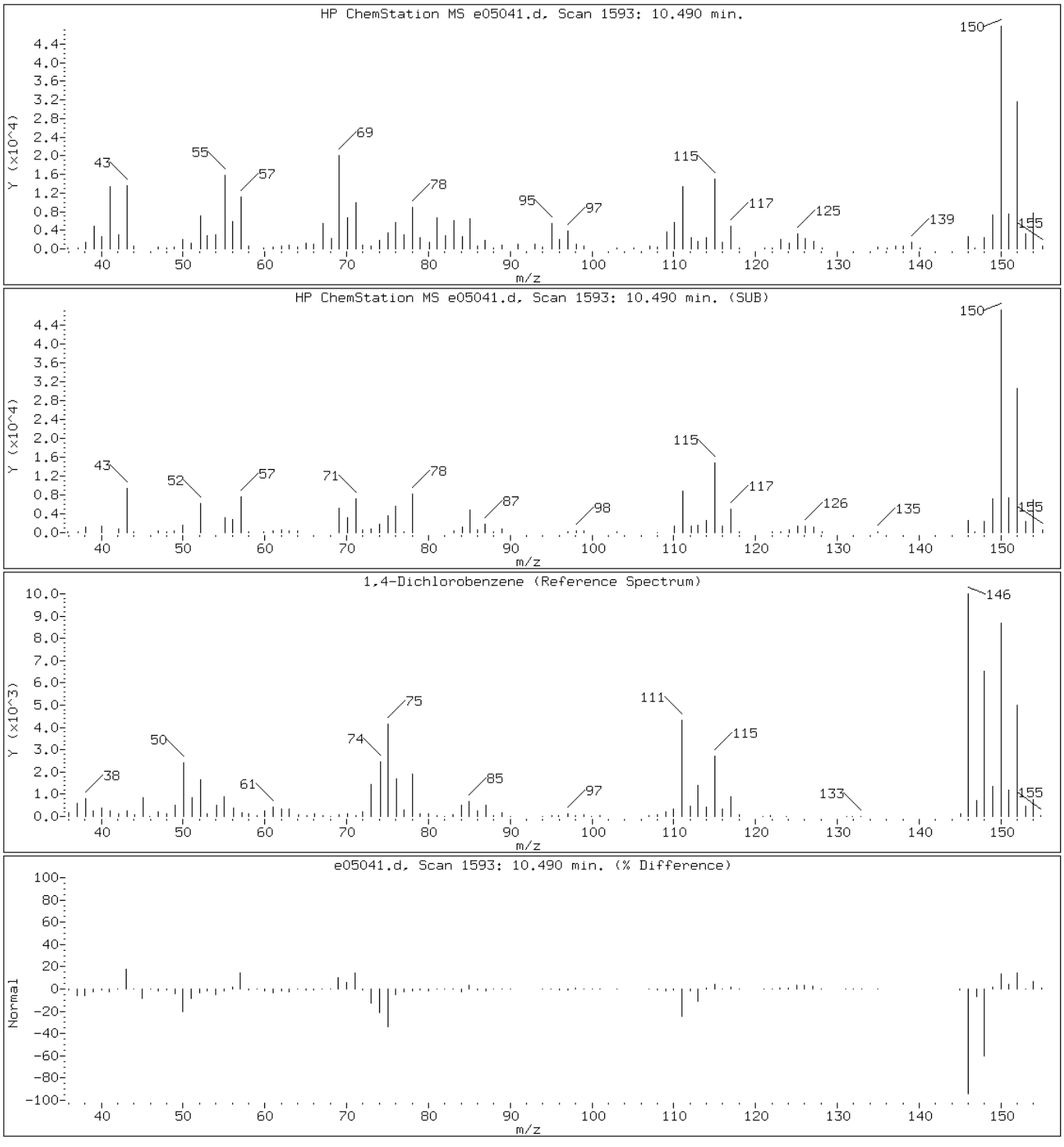
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

109 1,4-Dichlorobenzene



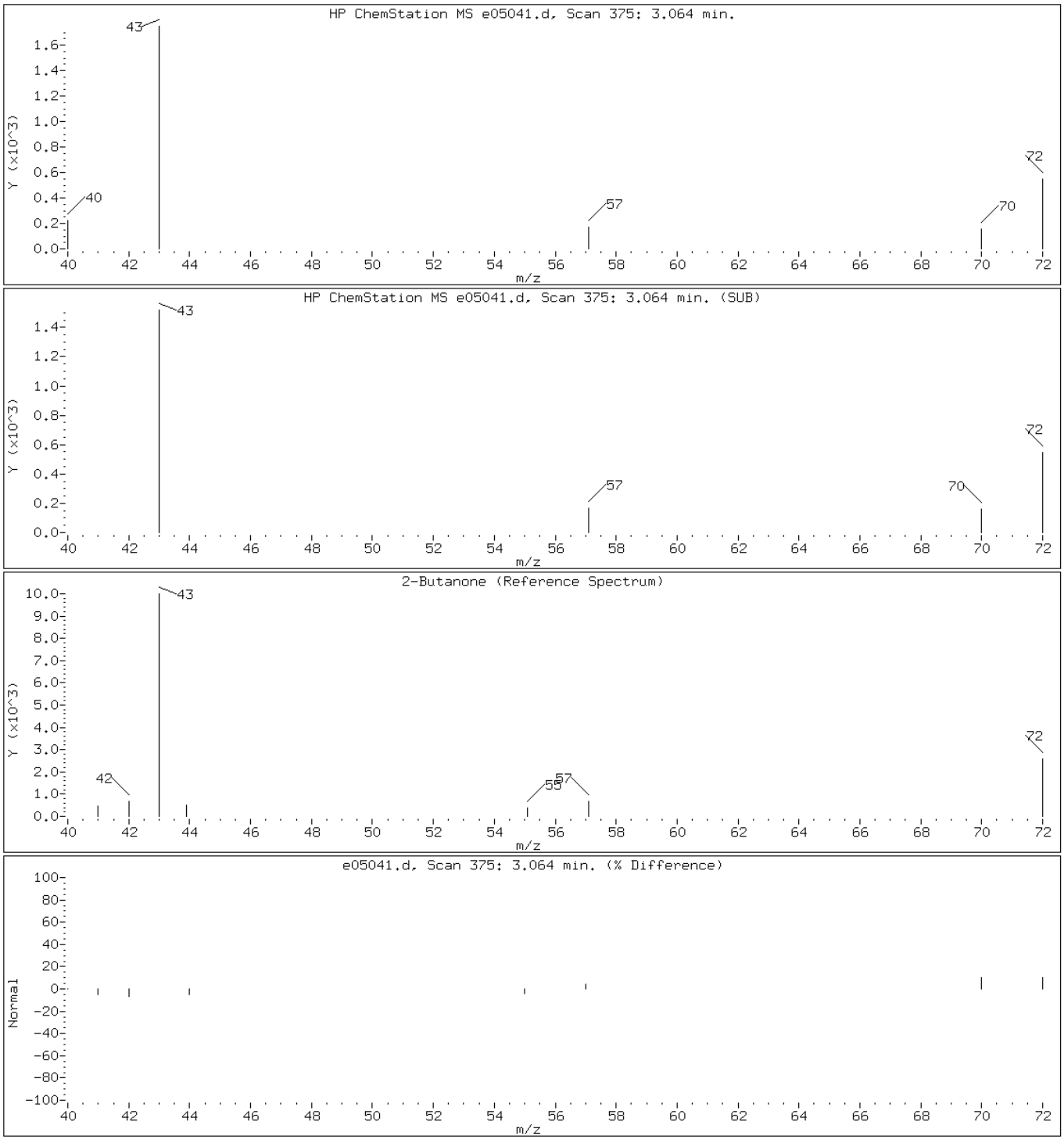
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

38 2-Butanone



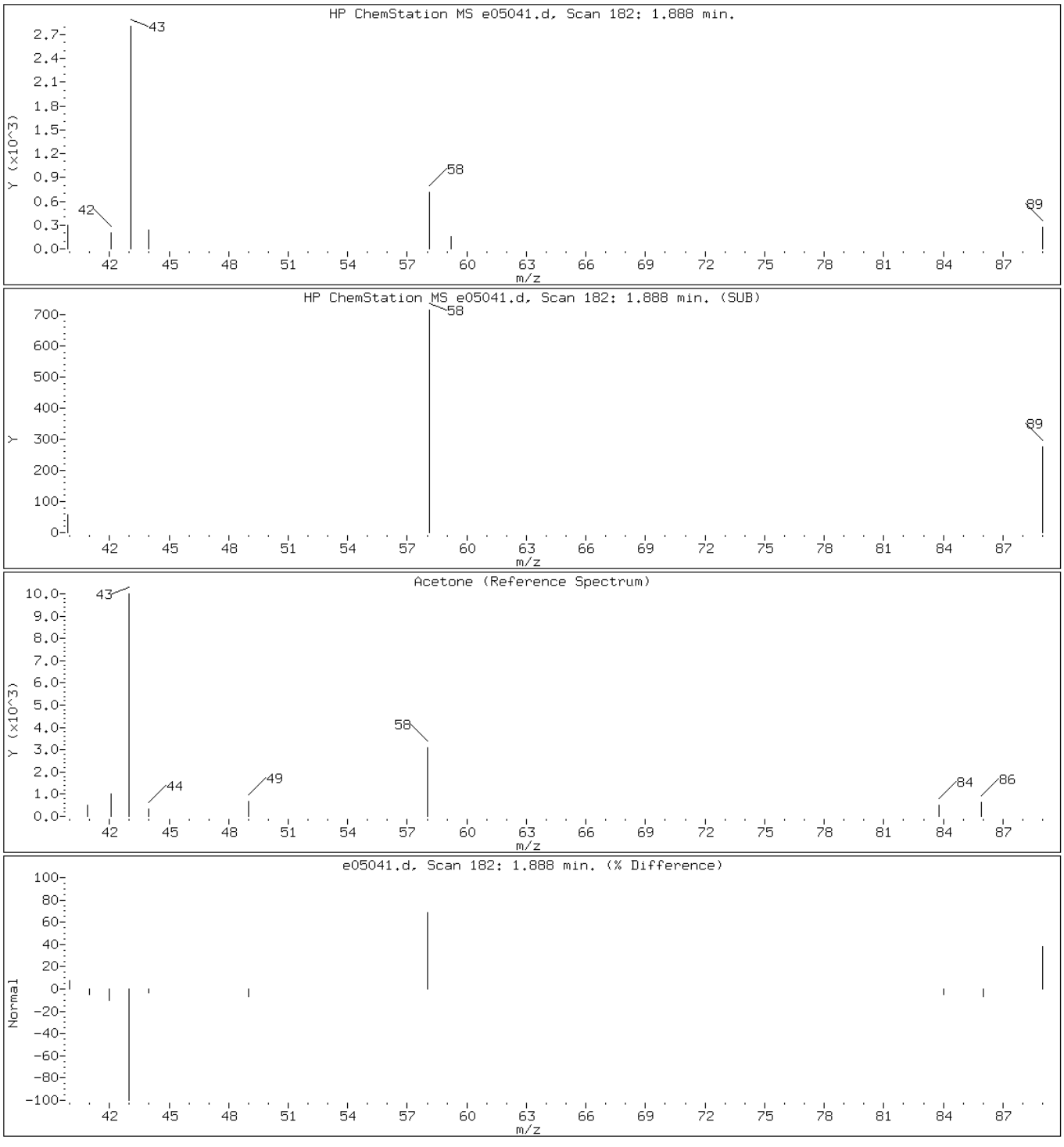
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

16 Acetone



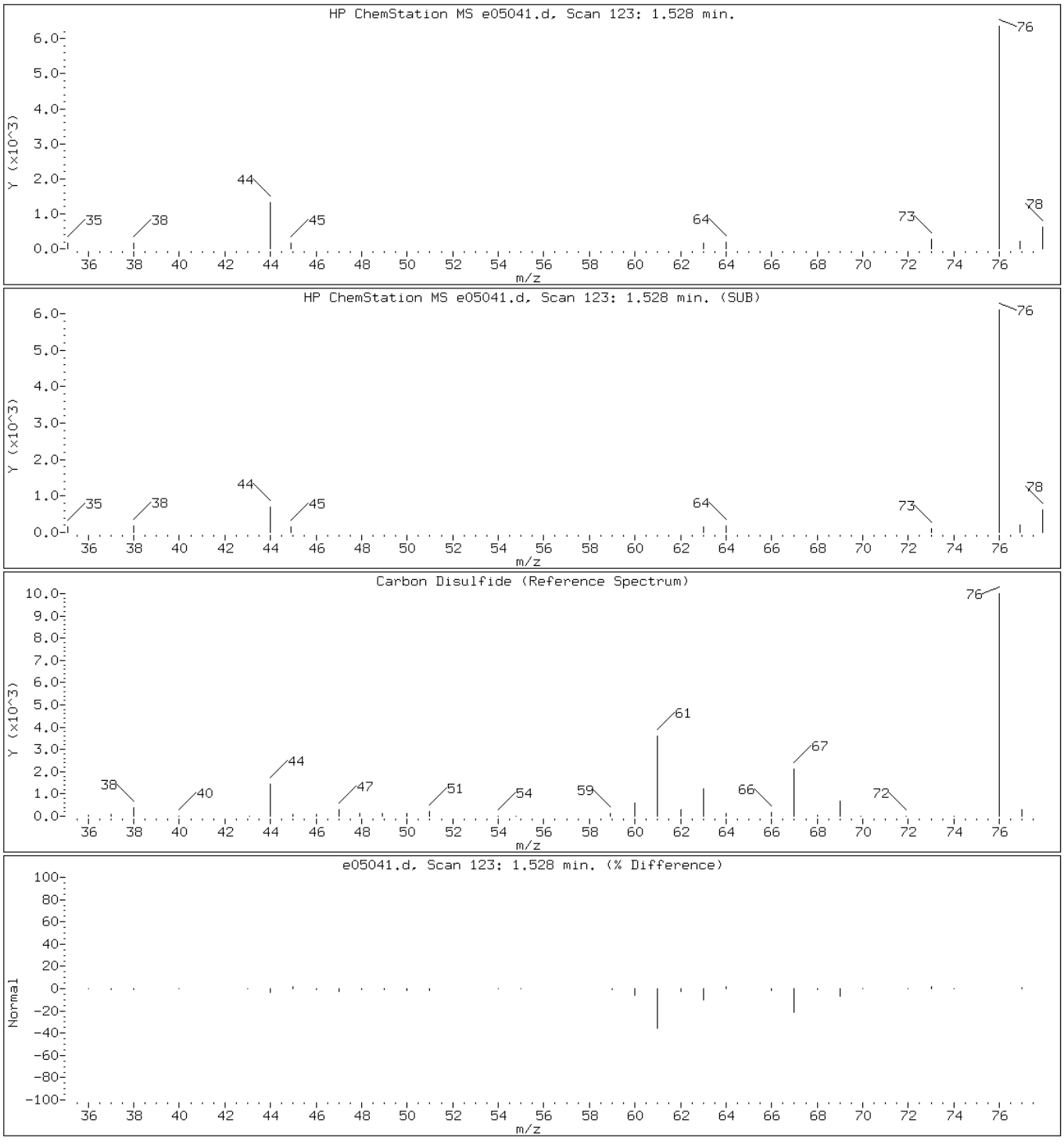
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

18 Carbon Disulfide



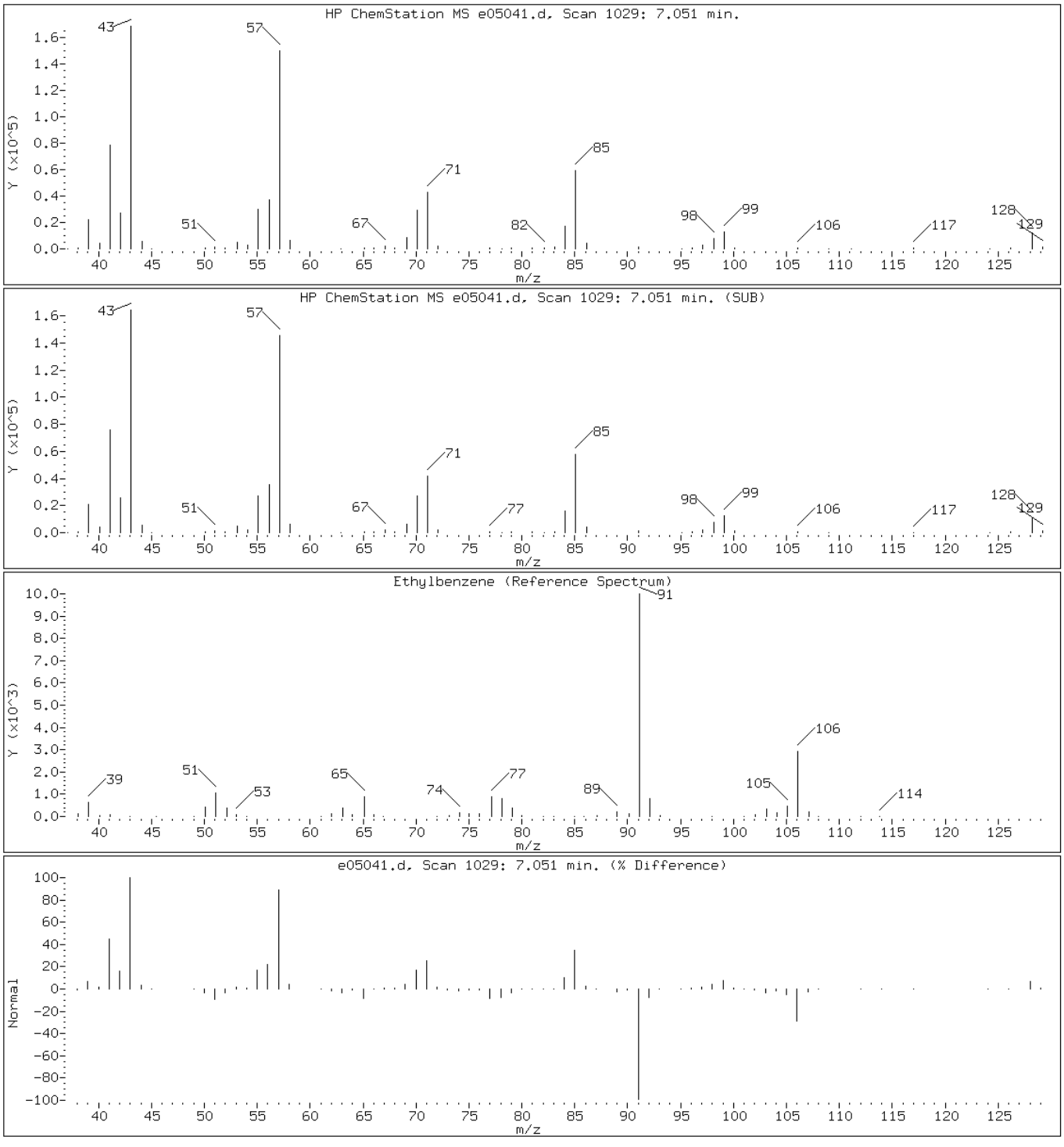
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

81 Ethylbenzene



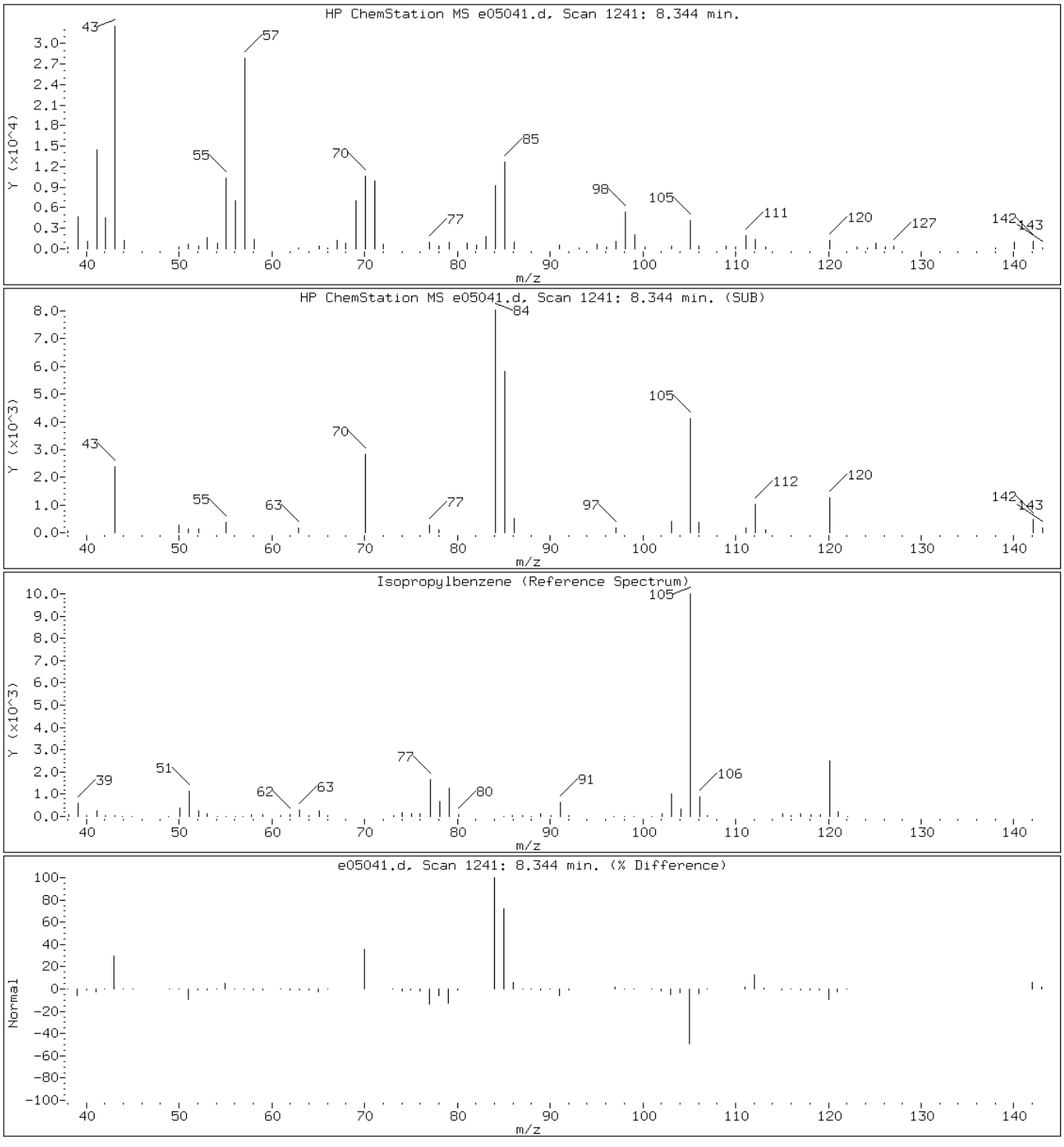
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

88 Isopropylbenzene



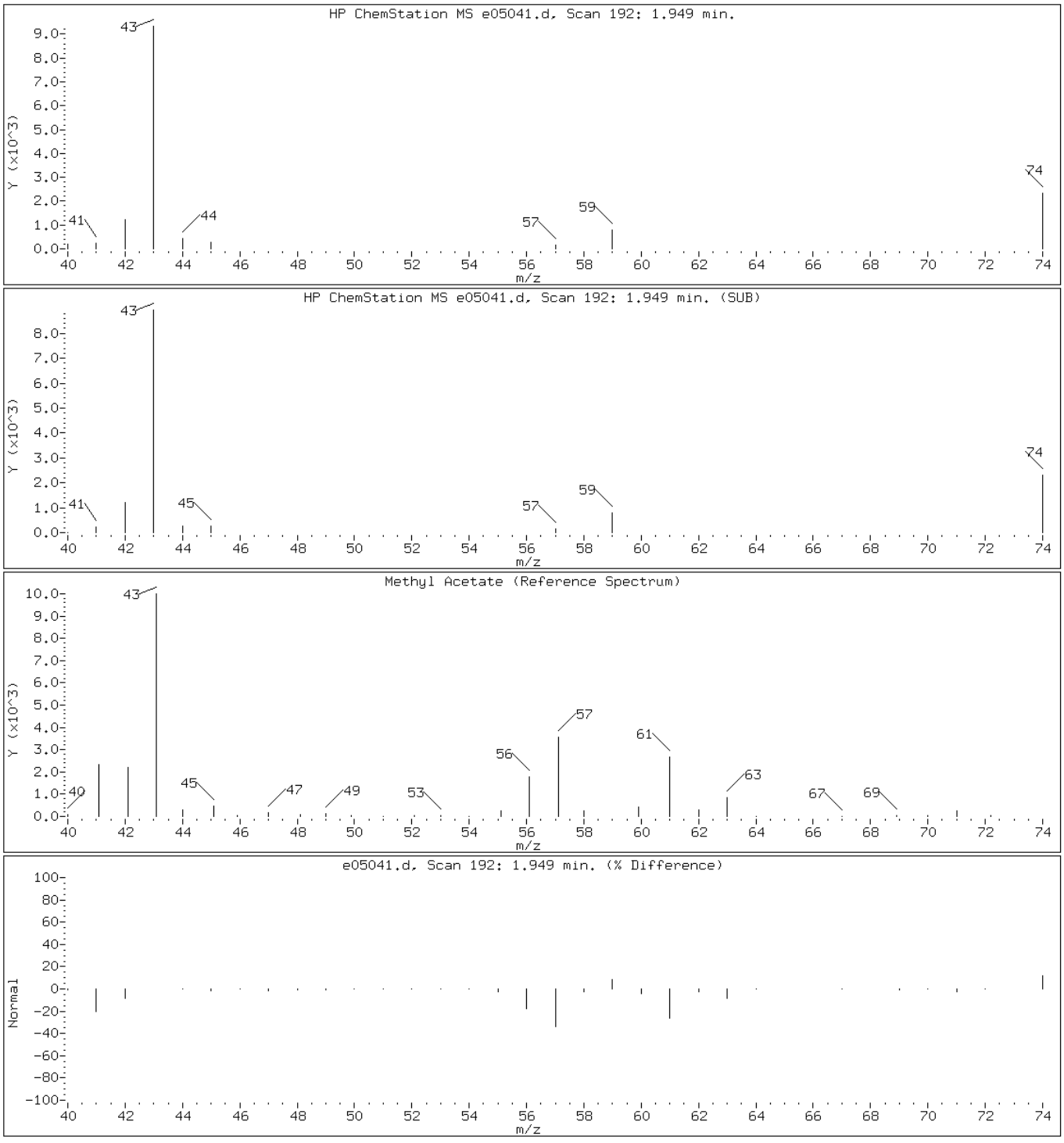
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

27 Methyl Acetate



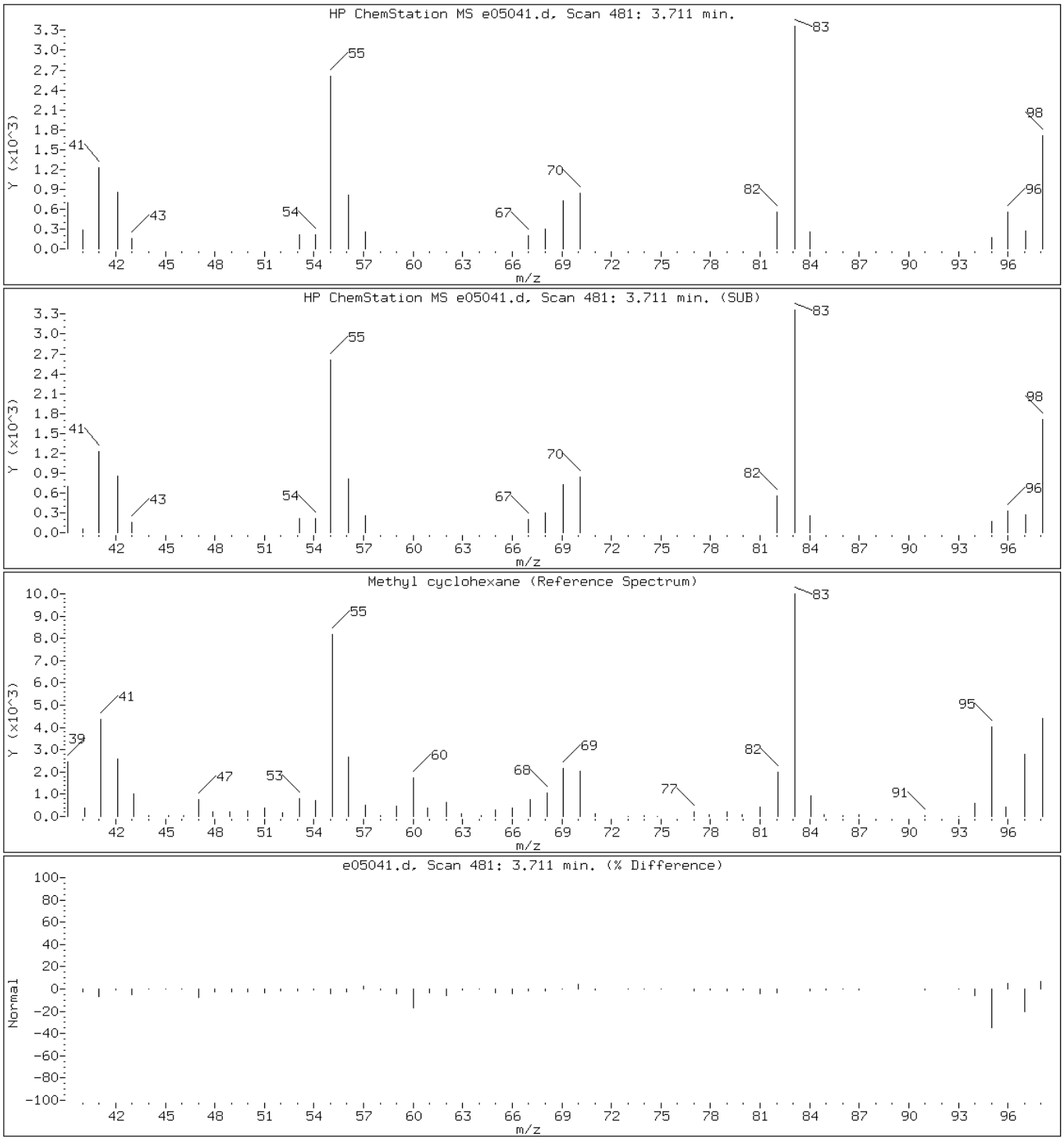
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

56 Methyl cyclohexane



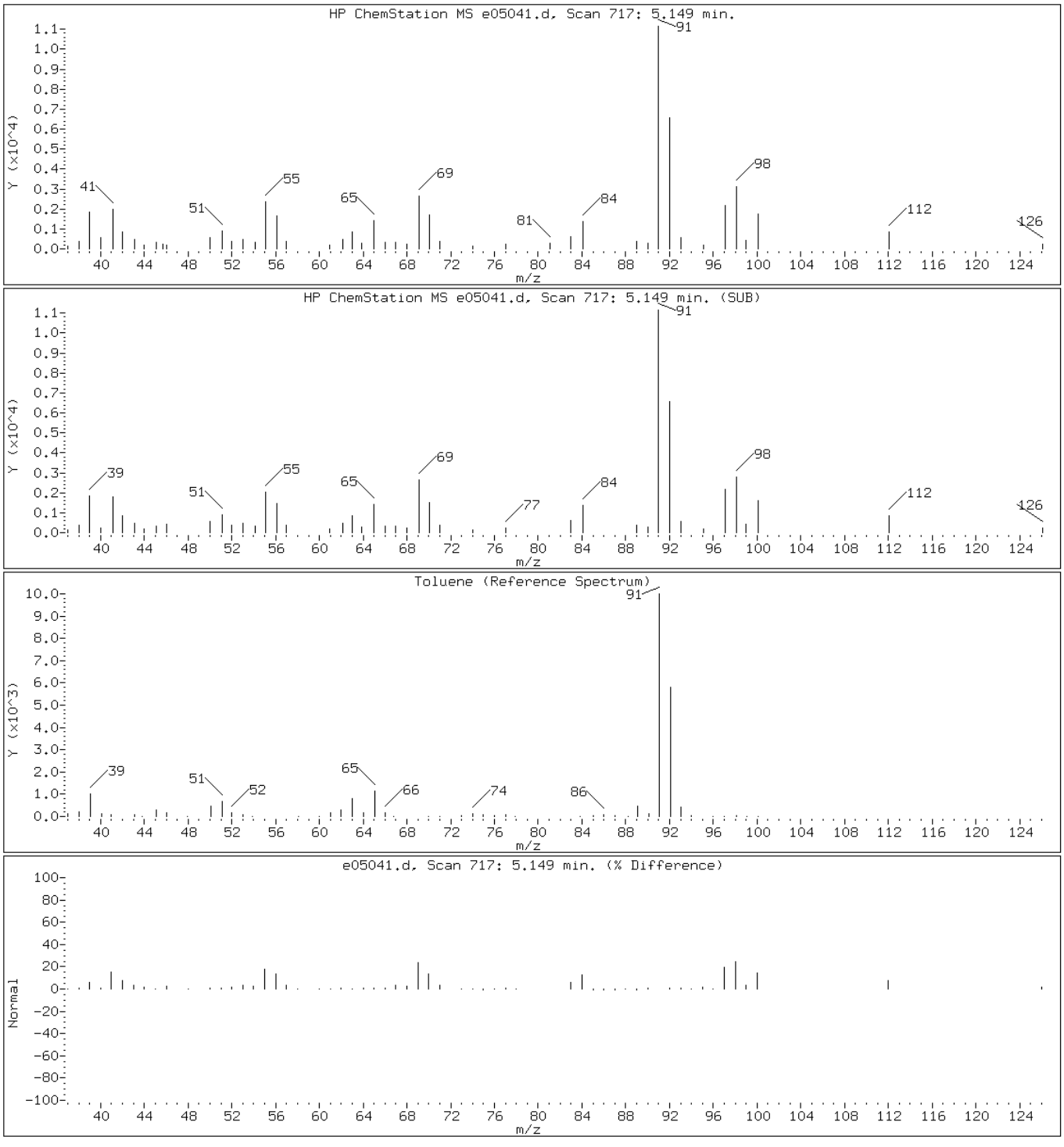
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

66 Toluene



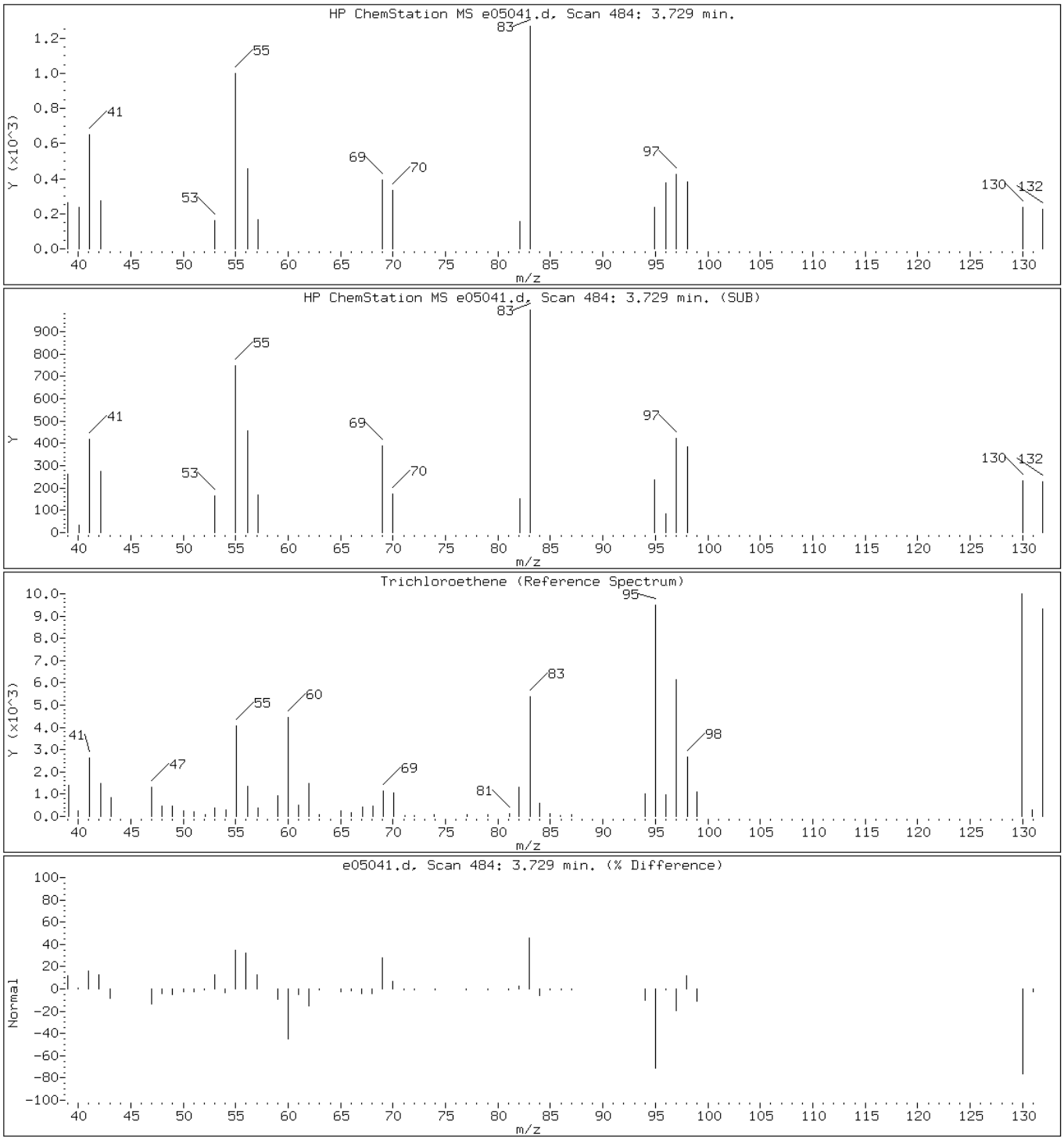
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

54 Trichloroethene



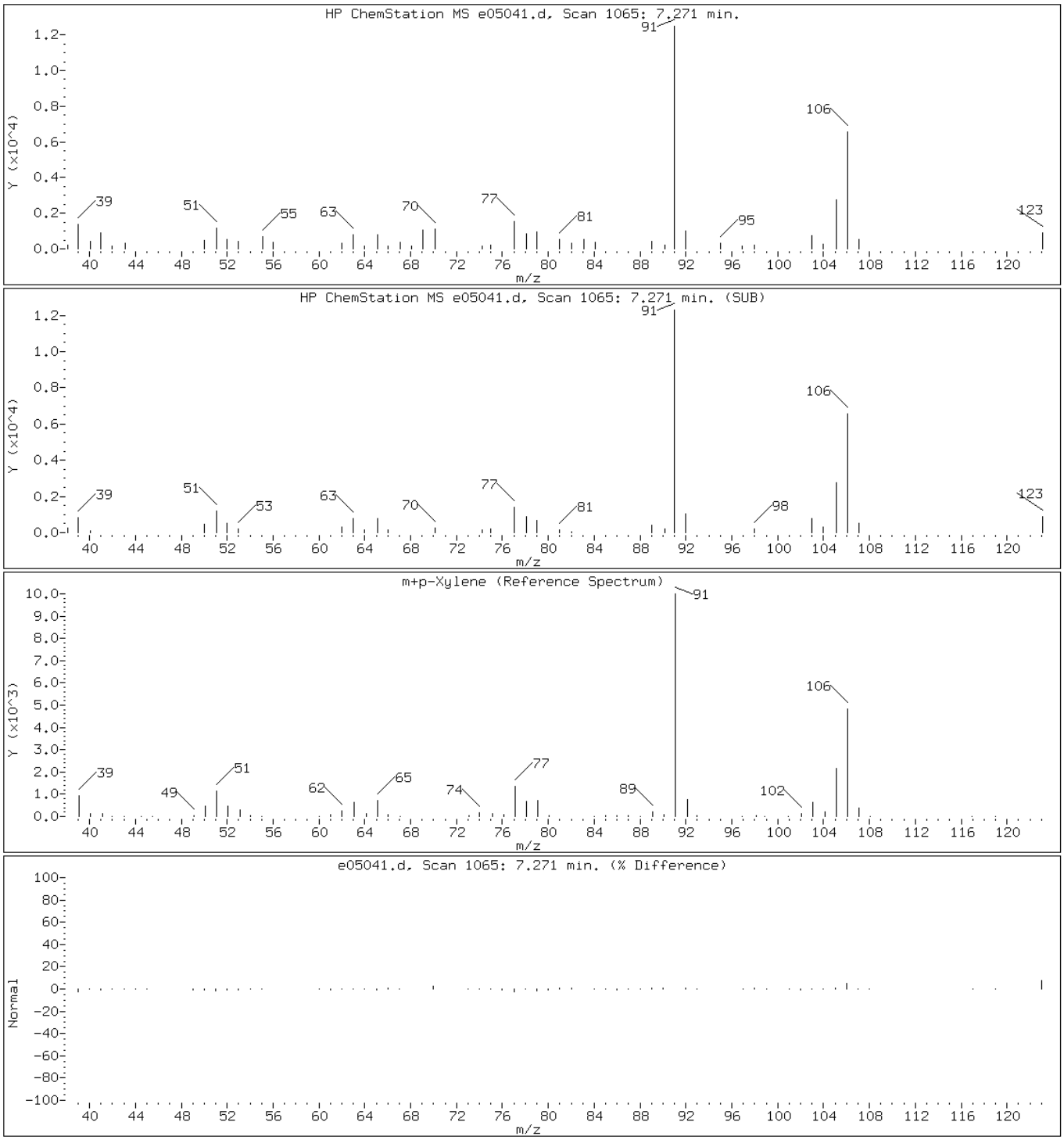
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

82 m+p-Xylene



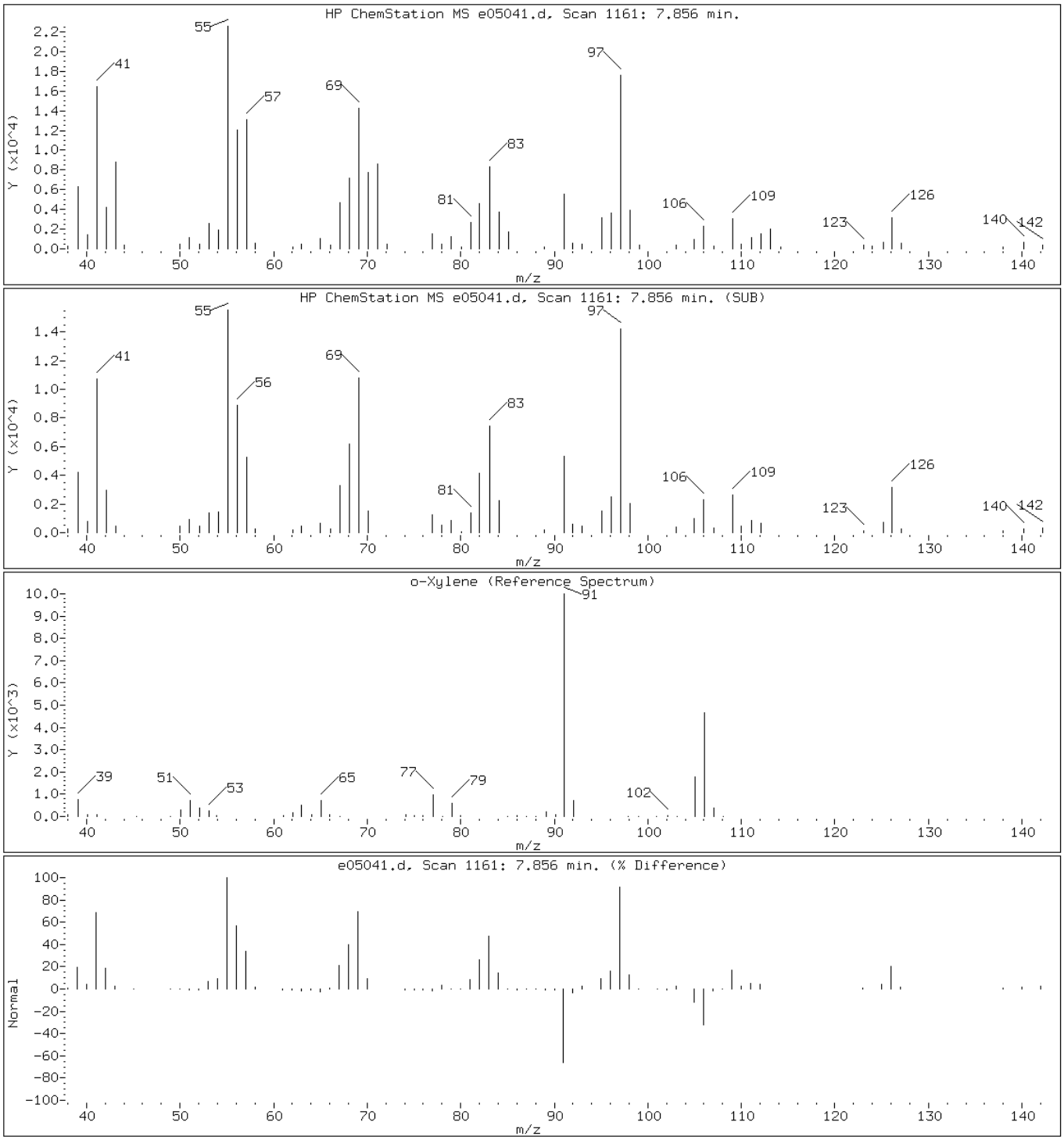
Data File: e05041.d

Date: 03-JUL-2012 22:45

Client ID: F-20 Instrument: VOAMS5.i

Sample Info: 460-41730-A-14-A;50;;2.71;10 Operator: VOAMS5

84 o-Xylene



Manual Integration Report

Data File: e05041.d
Inj. Date and Time: 03-JUL-2012 22:45
Instrument ID: VOAMS5.i
Client ID: F-20
Compound: 81 Ethylbenzene
CAS #: 100-41-4
Report Date: 07/09/2012

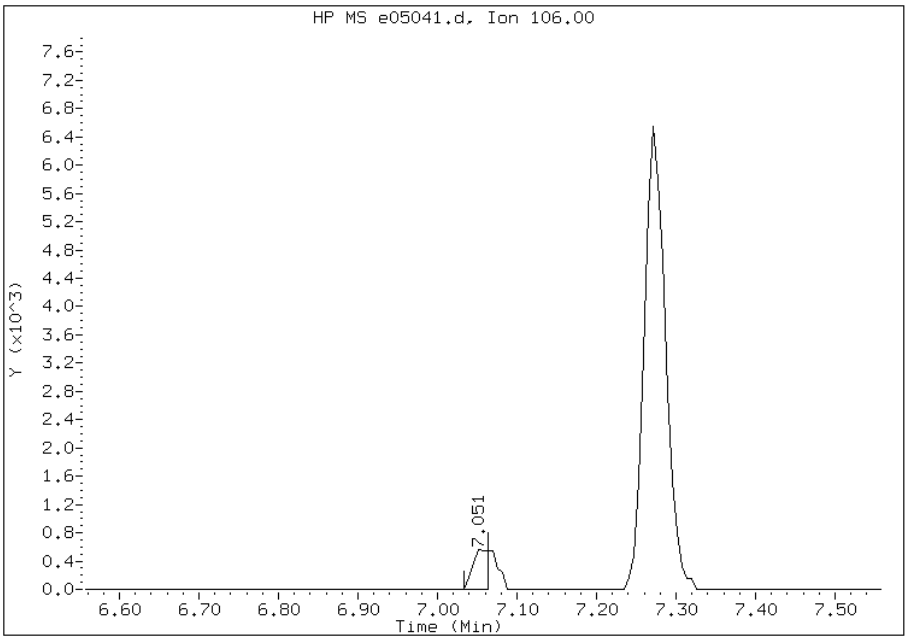
Processing Integration Results

RT: 7.05

Response: 806

Amount: 0

Conc: 39



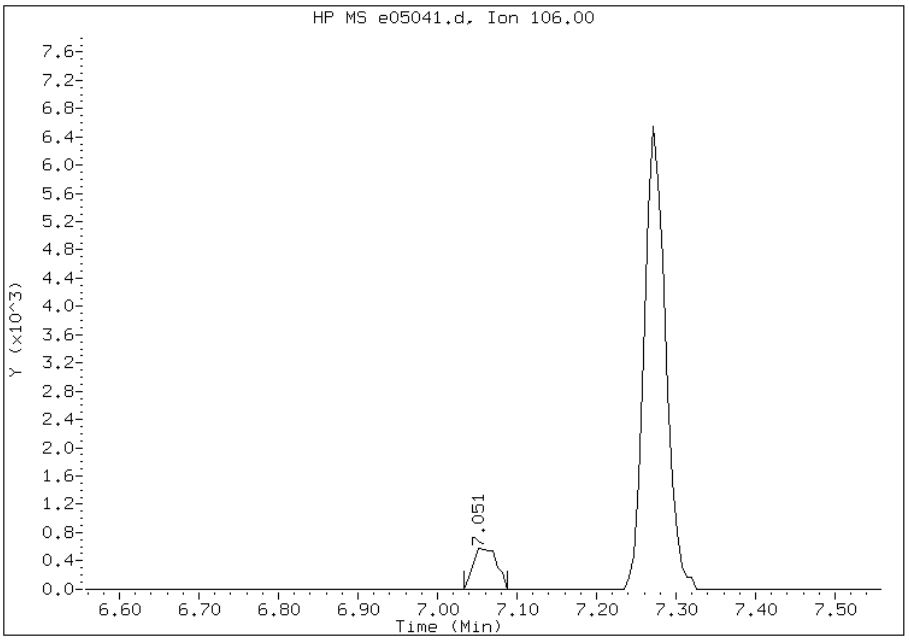
Manual Integration Results

RT: 7.05

Response: 1205

Amount: 0

Conc: 59



Manually Integrated By: maryb
Manual Integration Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: o61803.d

Analysis Method: 8260B | Date Collected: 06/26/2012 09:20

Sample wt/vol: 4.63(g) | Date Analyzed: 07/02/2012 15:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
123-91-1	1,4-Dioxane	15	U	61	15
78-93-3	2-Butanone	0.77	U	12	0.77
591-78-6	2-Hexanone	0.16	U	12	0.16
108-10-1	4-Methyl-2-pentanone	0.24	U	12	0.24
67-64-1	Acetone	2.1	U	12	2.1
71-43-2	Benzene	0.18	U	1.2	0.18
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39
75-25-2	Bromoform	0.21	U	1.2	0.21
74-83-9	Bromomethane	0.52	U	1.2	0.52
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
75-00-3	Chloroethane	0.40	U	1.2	0.40
67-66-3	Chloroform	0.29	U	1.2	0.29
74-87-3	Chloromethane	0.20	U	1.2	0.20
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
100-41-4	Ethylbenzene	0.21	U	1.2	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: o61803.d

Analysis Method: 8260B | Date Collected: 06/26/2012 09:20

Sample wt/vol: 4.63(g) | Date Analyzed: 07/02/2012 15:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.13	U	1.2	0.13
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	1.2	0.39
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
75-09-2	Methylene Chloride	0.98	J B	1.2	0.18
1634-04-4	MTBE	0.13	U	1.2	0.13
100-42-5	Styrene	0.34	U	1.2	0.34
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
79-01-6	Trichloroethene	0.15	U	1.2	0.15
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
1330-20-7	Xylenes, Total	0.82	U	3.7	0.82

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 Lab Sample ID: 460-41730-15

Matrix: Solid Lab File ID: o61803.d

Analysis Method: 8260B Date Collected: 06/26/2012 09:20

Sample wt/vol: 4.63(g) Date Analyzed: 07/02/2012 15:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.5 Level: (low/med) Low

Analysis Batch No.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61803.d
Report Date: 02-Jul-2012 16:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61803.d
Lab Smp Id: 460-41730-B-15-A Client Smp ID: F-21
Inj Date : 02-JUL-2012 15:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-15-A;;;4.63;5
Misc Info : 460-41730-B-15-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.63000	Weight of sample extracted (g)
M	11.53846	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	3503	0.80539	0.98(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	187219	54.8679	67
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	689835	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	606255	46.7144	57
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	589230	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	244631	49.5203	60
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	363347	50.0000	

QC Flag Legend

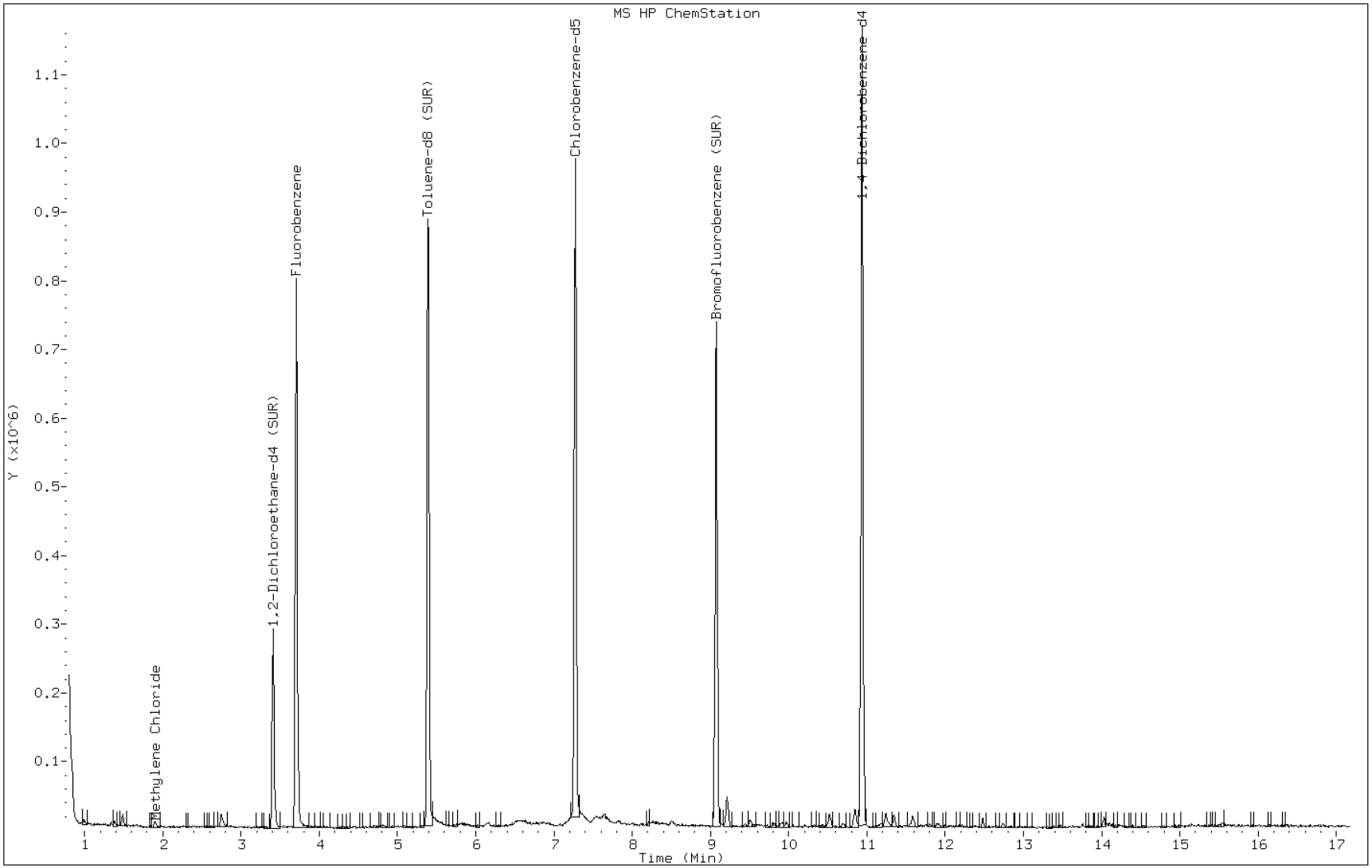
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61803.d

Date: 02-JUL-2012 15:52

Client ID: F-21 Instrument: VOAMS12.i

Sample Info: 460-41730-B-15-A;;;4.63;5 Operator: VOAMS 9



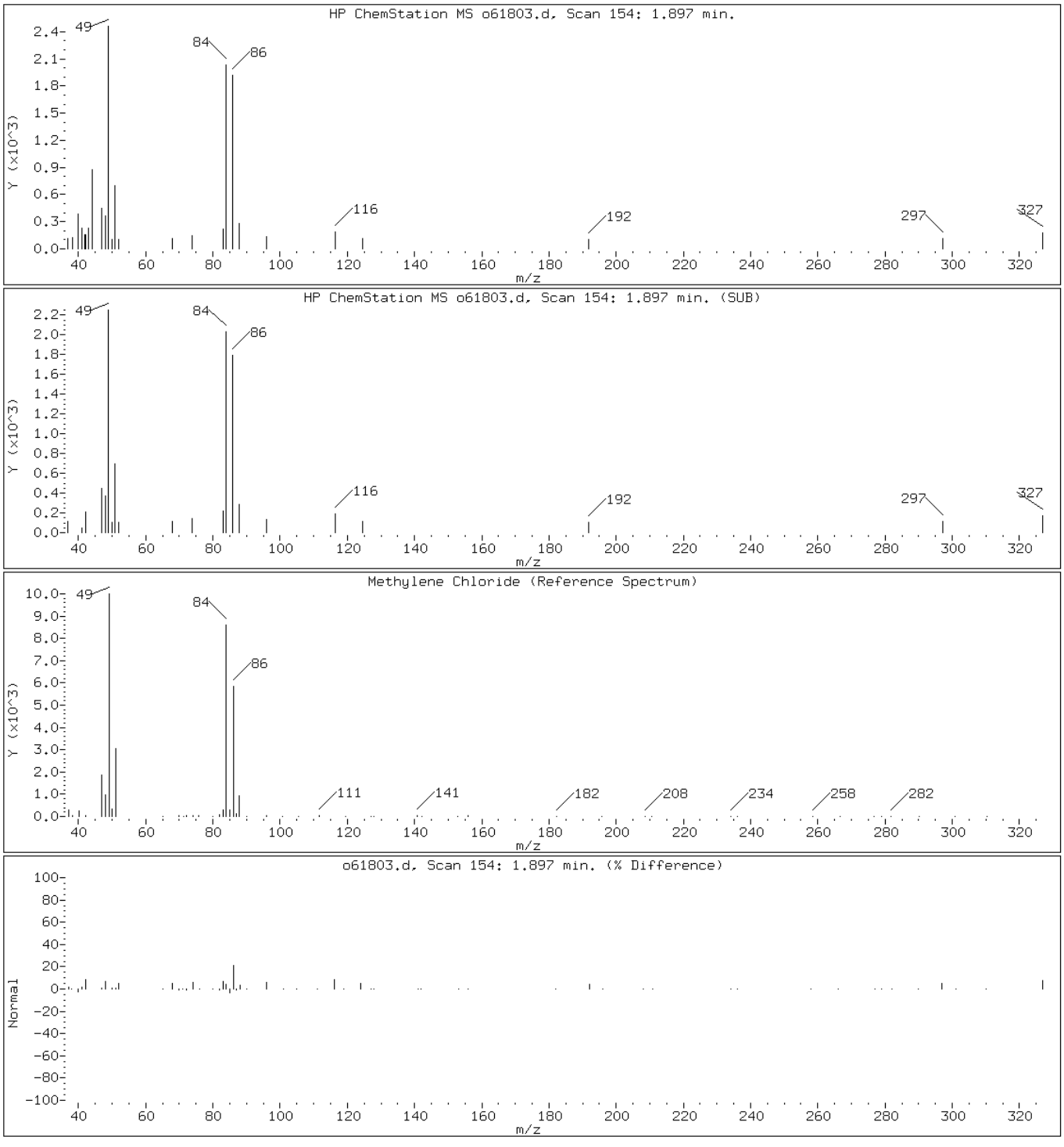
Data File: o61803.d

Date: 02-JUL-2012 15:52

Client ID: F-21 Instrument: VOAMS12.i

Sample Info: 460-41730-B-15-A;;;4.63;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: o61804.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:24

Sample wt/vol: 4.02(g) | Date Analyzed: 07/02/2012 16:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.19	U	1.3	0.19
75-34-3	1,1-Dichloroethane	0.15	U	1.3	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
120-82-1	1,2,4-Trichlorobenzene	0.25	U	1.3	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	0.59	U	1.3	0.59
106-93-4	1,2-Dibromoethane	0.20	U	1.3	0.20
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
107-06-2	1,2-Dichloroethane	0.24	U	1.3	0.24
78-87-5	1,2-Dichloropropane	0.20	U	1.3	0.20
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	0.15	U	1.3	0.15
123-91-1	1,4-Dioxane	17	U	67	17
78-93-3	2-Butanone	2.2	J	13	0.85
591-78-6	2-Hexanone	0.17	U	13	0.17
108-10-1	4-Methyl-2-pentanone	0.27	U	13	0.27
67-64-1	Acetone	27	B	13	2.3
71-43-2	Benzene	0.20	U	1.3	0.20
74-97-5	Bromochloromethane	0.15	U	1.3	0.15
75-27-4	Bromodichloromethane	0.43	U	1.3	0.43
75-25-2	Bromoform	0.23	U	1.3	0.23
74-83-9	Bromomethane	0.58	U	1.3	0.58
75-15-0	Carbon disulfide	0.20	U	1.3	0.20
56-23-5	Carbon tetrachloride	0.20	U	1.3	0.20
108-90-7	Chlorobenzene	0.24	U	1.3	0.24
75-00-3	Chloroethane	0.44	U	1.3	0.44
67-66-3	Chloroform	0.32	U	1.3	0.32
74-87-3	Chloromethane	0.21	U	1.3	0.21
156-59-2	cis-1,2-Dichloroethene	0.15	U	1.3	0.15
10061-01-5	cis-1,3-Dichloropropene	0.19	U	1.3	0.19
110-82-7	Cyclohexane	0.17	U	1.3	0.17
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
75-71-8	Dichlorodifluoromethane	0.30	U	1.3	0.30
100-41-4	Ethylbenzene	0.23	U	1.3	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: o61804.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:24

Sample wt/vol: 4.02(g) | Date Analyzed: 07/02/2012 16:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.15	U	1.3	0.15
98-82-8	Isopropylbenzene	0.15	U	1.3	0.15
79-20-9	Methyl acetate	0.43	U	1.3	0.43
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
75-09-2	Methylene Chloride	1.6	B	1.3	0.20
1634-04-4	MTBE	0.15	U	1.3	0.15
100-42-5	Styrene	0.38	U	1.3	0.38
127-18-4	Tetrachloroethene	0.16	U	1.3	0.16
108-88-3	Toluene	0.23	J	1.3	0.19
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
79-01-6	Trichloroethene	0.16	U	1.3	0.16
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-01-4	Vinyl chloride	0.46	U	1.3	0.46
1330-20-7	Xylenes, Total	0.90	U	4.0	0.90

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: o61804.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:24

Sample wt/vol: 4.02(g) | Date Analyzed: 07/02/2012 16:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.3 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 404

CAS NO.	COMPOUND NAME	RT	RESULT	Q
64-17-5	Ethanol	1.46	250	J
80-56-8	.alpha.-Pinene	8.80	55	J N
555-10-2	.beta.-Phellandrene	9.78	20	J N
127-91-3	.beta.-Pinene	9.83	16	J N
5989-27-5	D-Limonene	10.89	63	J N

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61804.d
Report Date: 02-Jul-2012 21:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61804.d
Lab Smp Id: 460-41730-B-16-A Client Smp ID: F-22
Inj Date : 02-JUL-2012 16:17
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-16-A;;;4.02;5
Misc Info : 460-41730-B-16-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.02000	Weight of sample extracted (g)
M	7.29783	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	127 Ethanol	46	1.460	1.460	(0.394)	4835	188.306	250(a)
	7 Acetone	43	1.661	1.654	(0.448)	22245	20.1722	27
	6 Methylene Chloride	84	1.897	1.897	(0.511)	4730	1.16341	1.6
	18 2-Butanone	72	2.778	2.771	(0.749)	744	1.63136	2.2(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	182971	57.3664	77
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	644819	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	589048	46.5625	62
	38 Toluene	91	5.464	5.464	(0.752)	4272	0.17043	0.23(a)
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	574374	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	237088	51.1944	69
	150 Camphene	41	9.204	9.196	(0.842)	8592	2.40973	3.2
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	340628	50.0000	
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	39603	1.34990	1.8

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61804.d
Report Date: 02-Jul-2012 21:27

QC Flag Legend

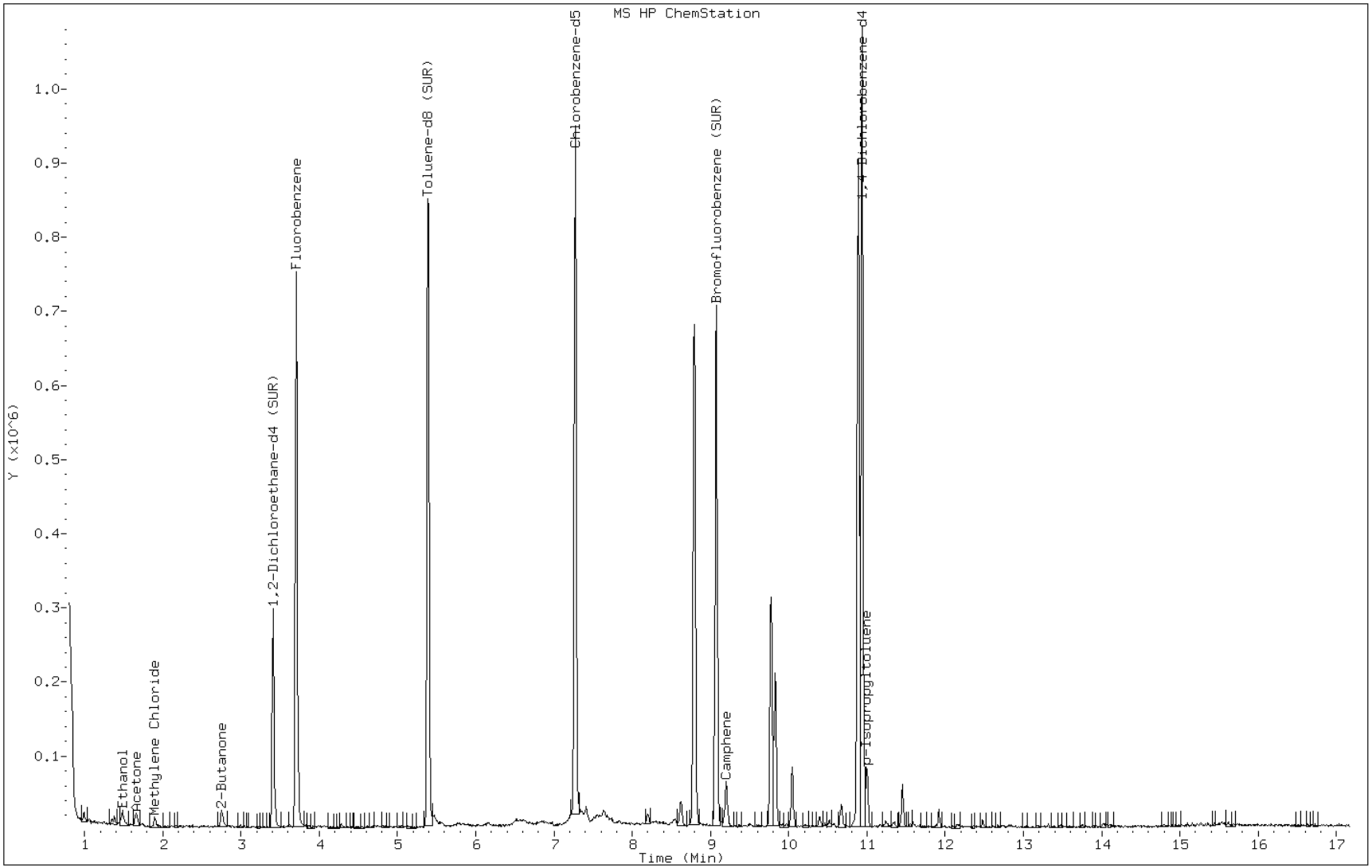
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9



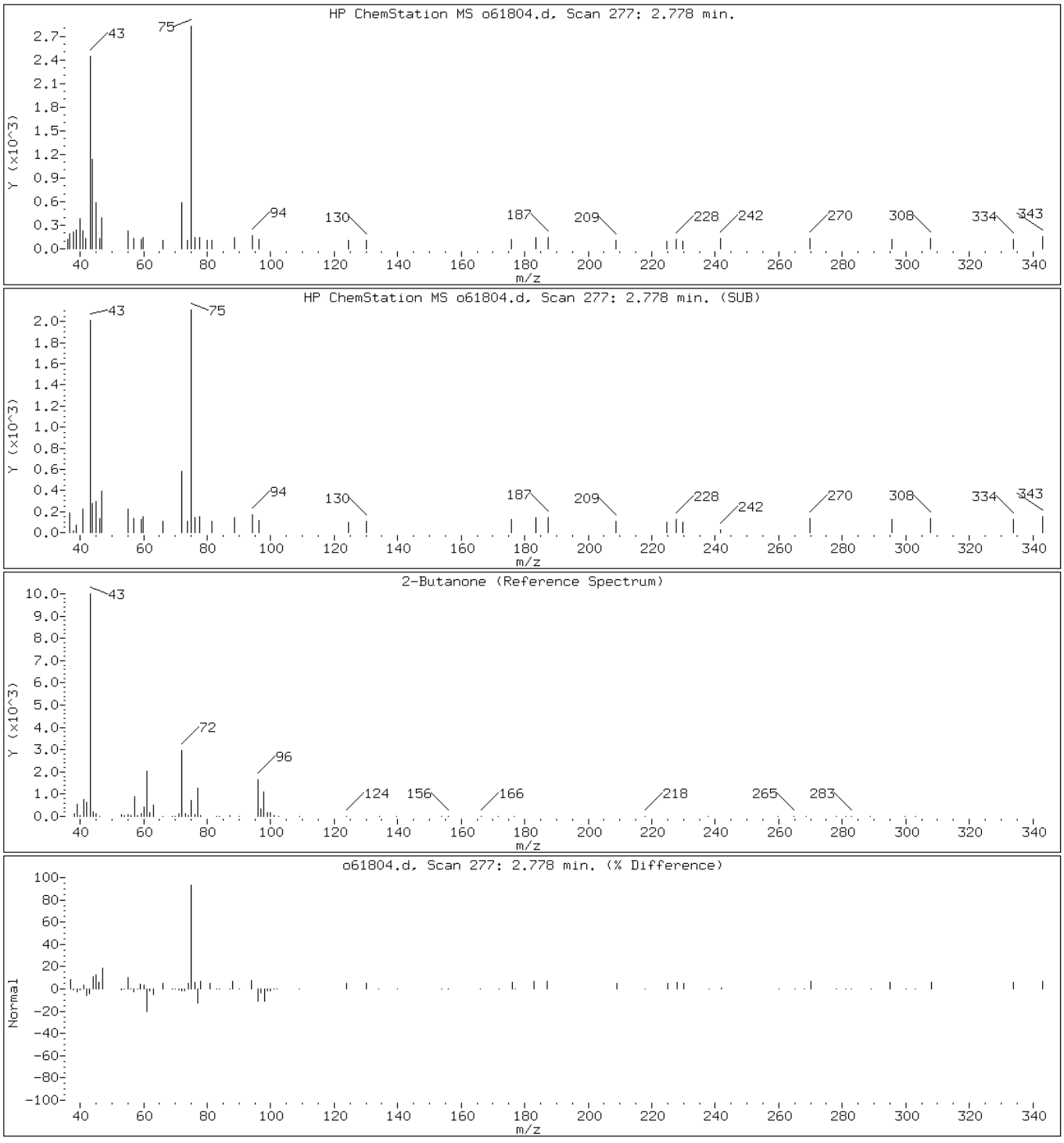
Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

18 2-Butanone



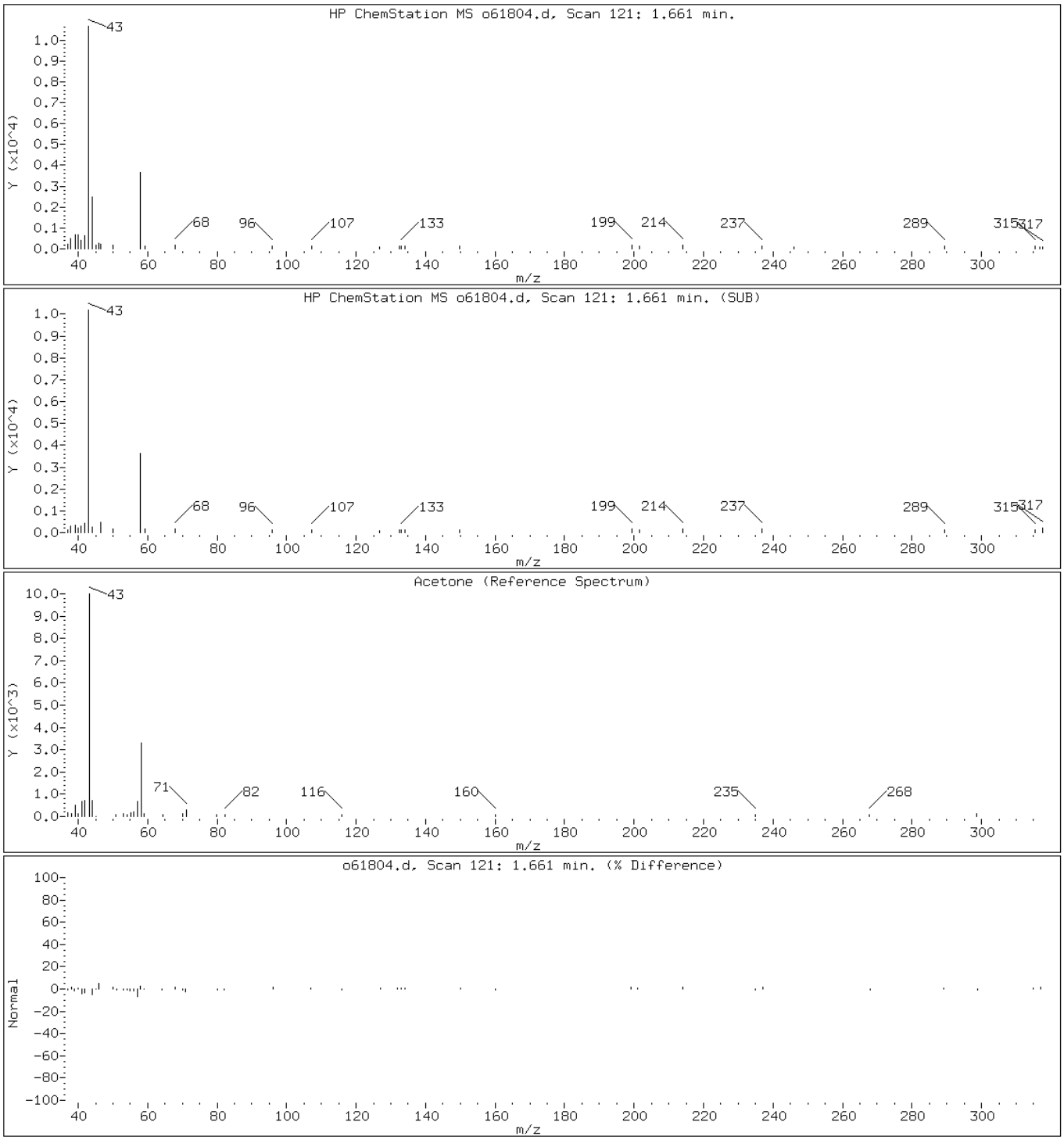
Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

7 Acetone



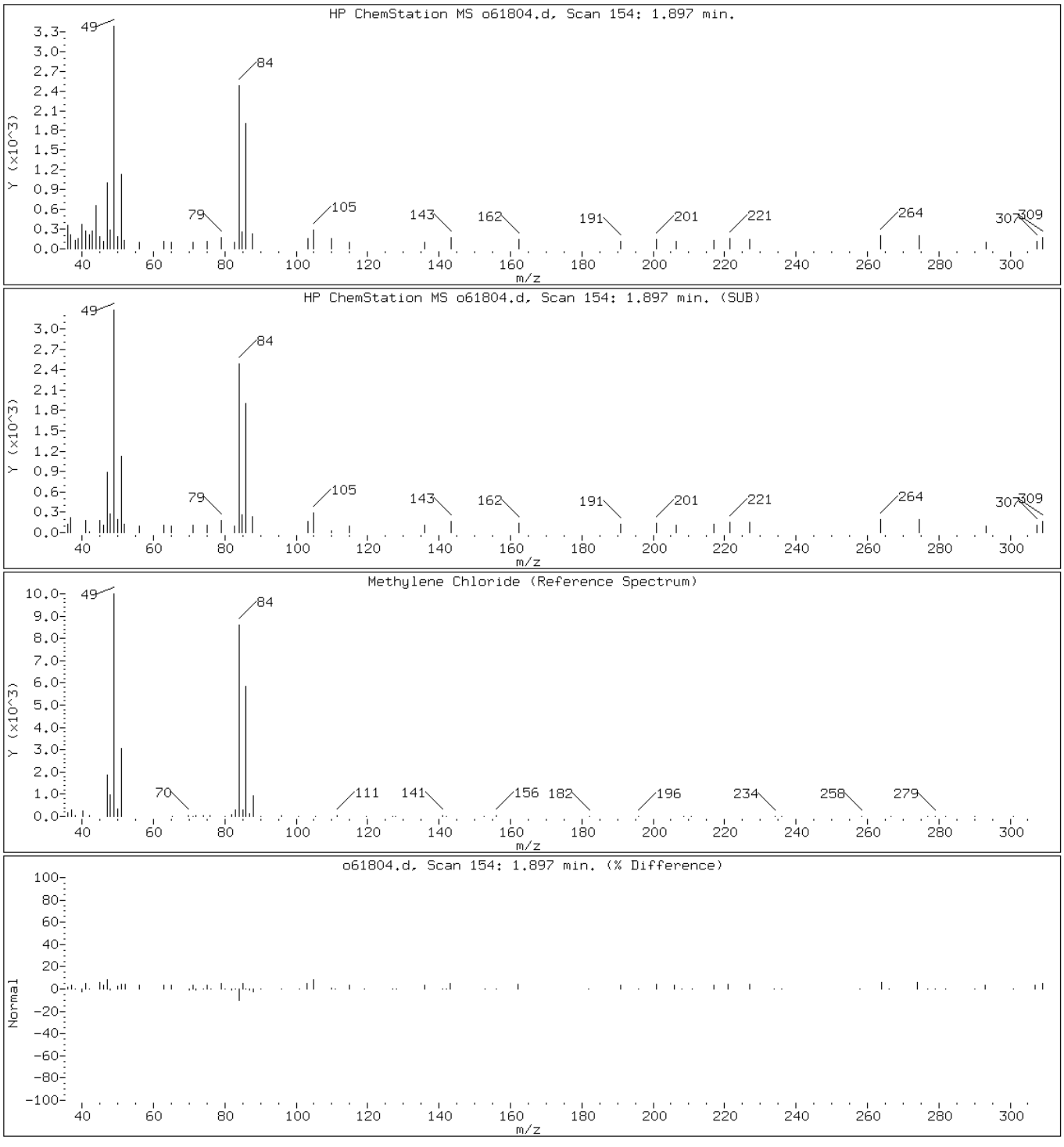
Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

6 Methylene Chloride



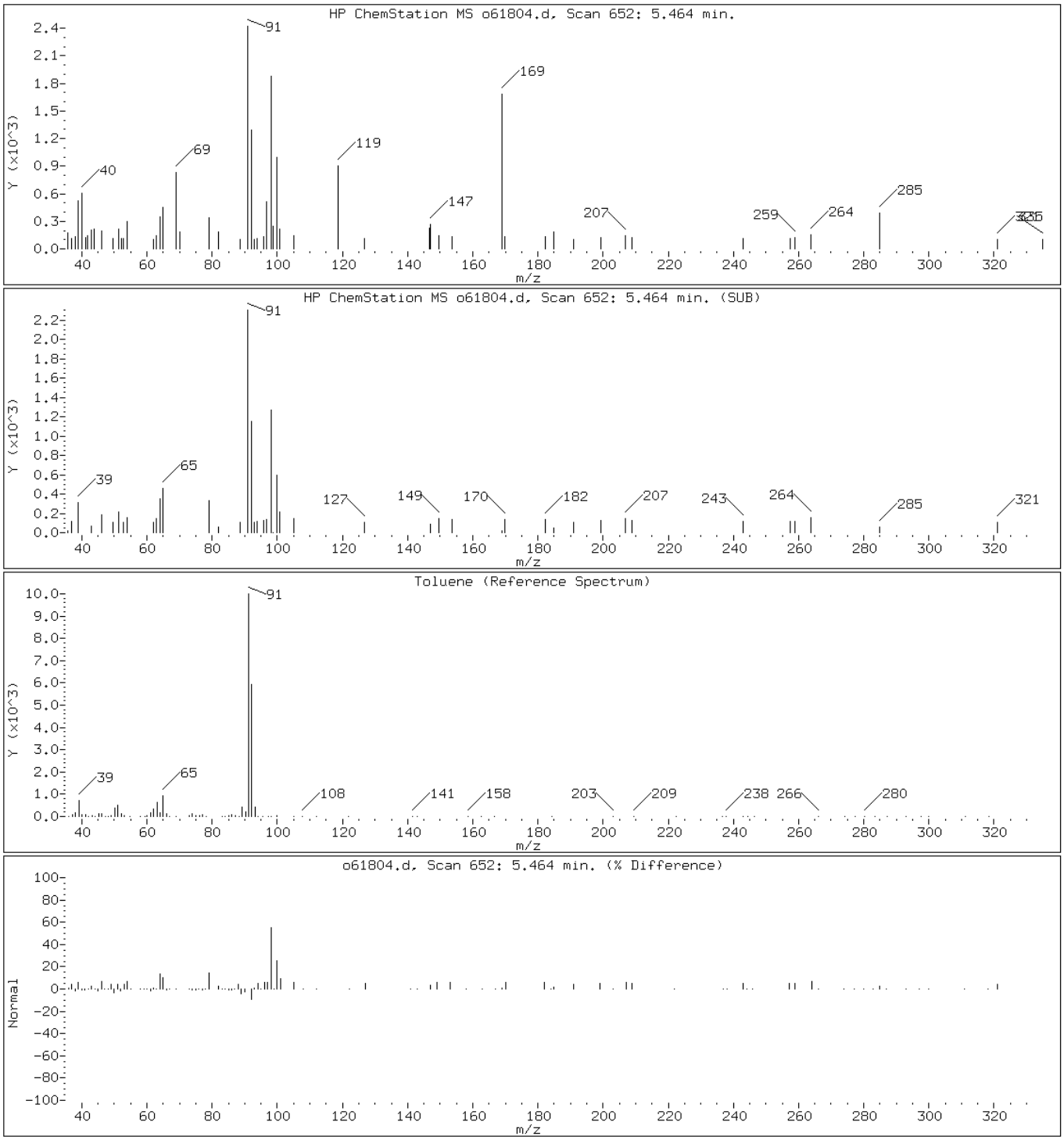
Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

38 Toluene



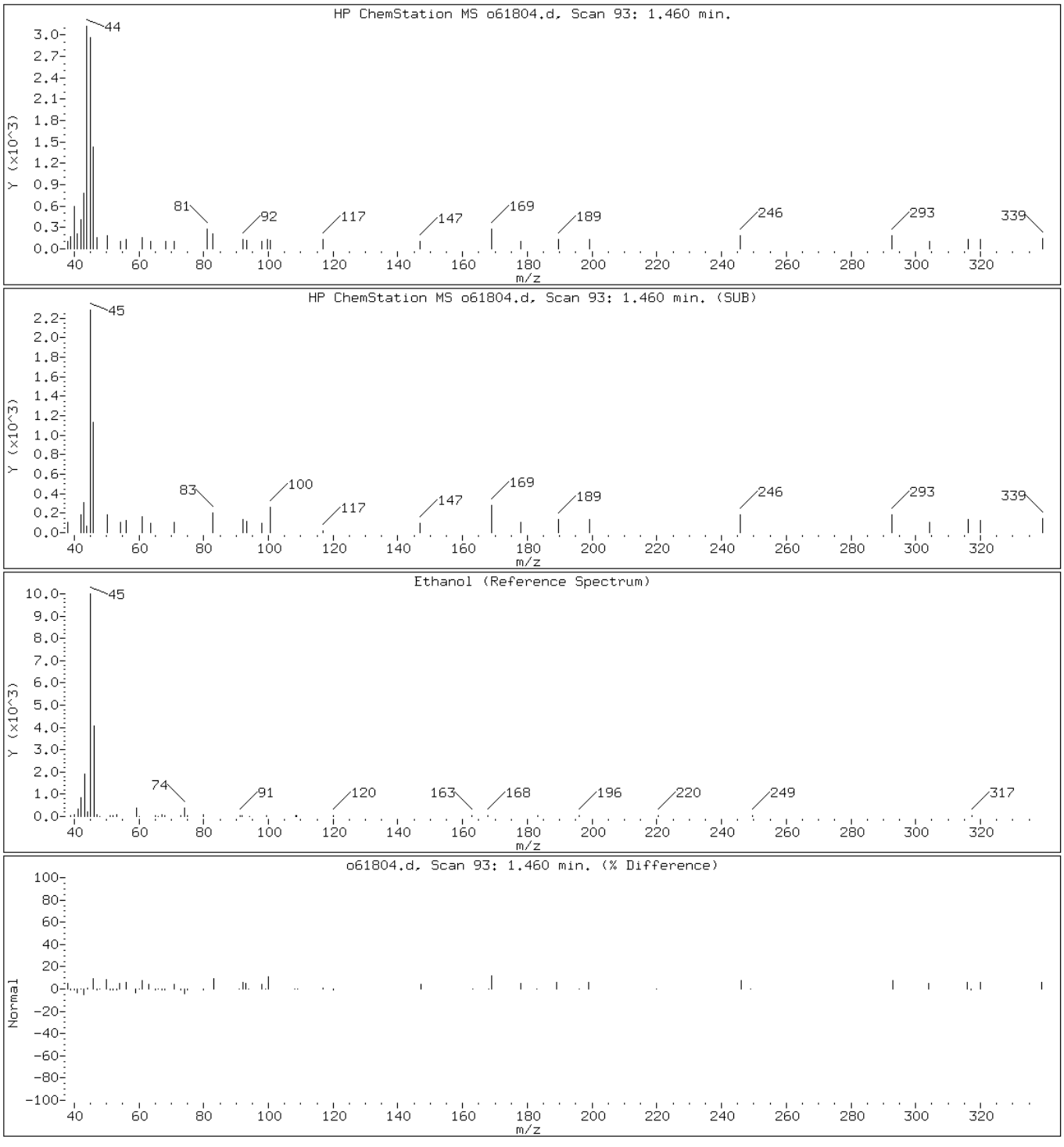
Data File: o61804.d

Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

127 Ethanol



Data File: o61804.d

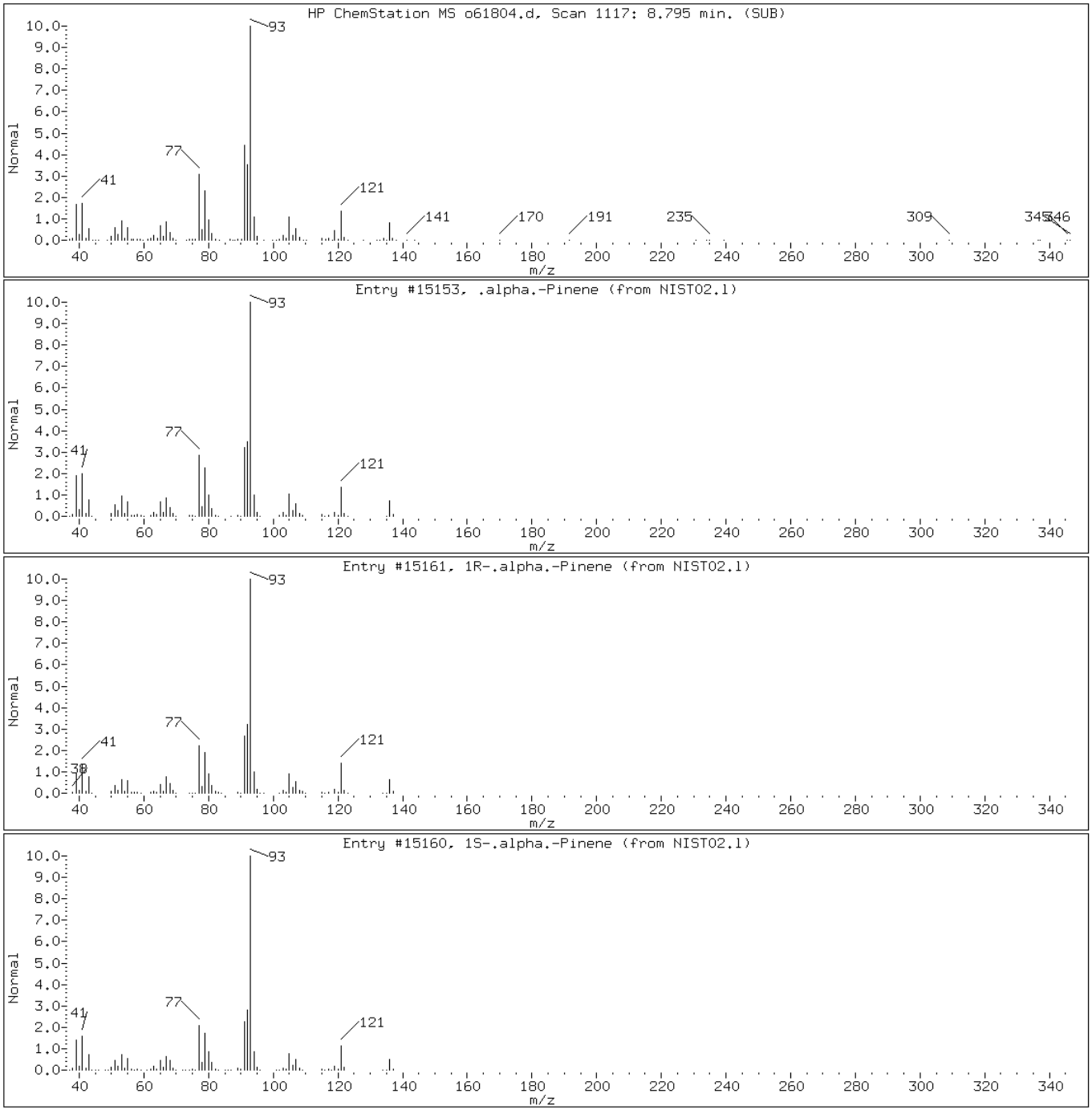
Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.alpha.-Pinene	80-56-8	NIST02.l	15153	97	C10H16	136
1R-.alpha.-Pinene	7785-70-8	NIST02.l	15161	97	C10H16	136
1S-.alpha.-Pinene	7785-26-4	NIST02.l	15160	97	C10H16	136



Data File: o61804.d

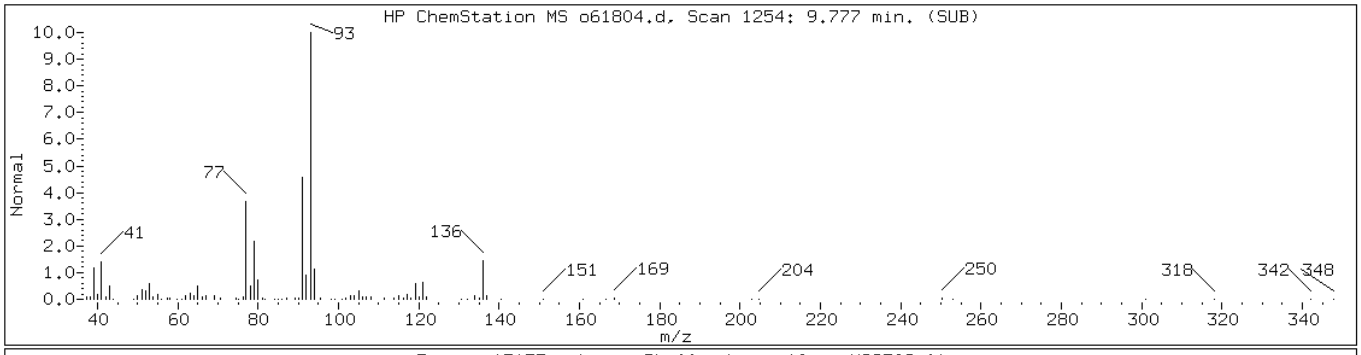
Date: 02-JUL-2012 16:17

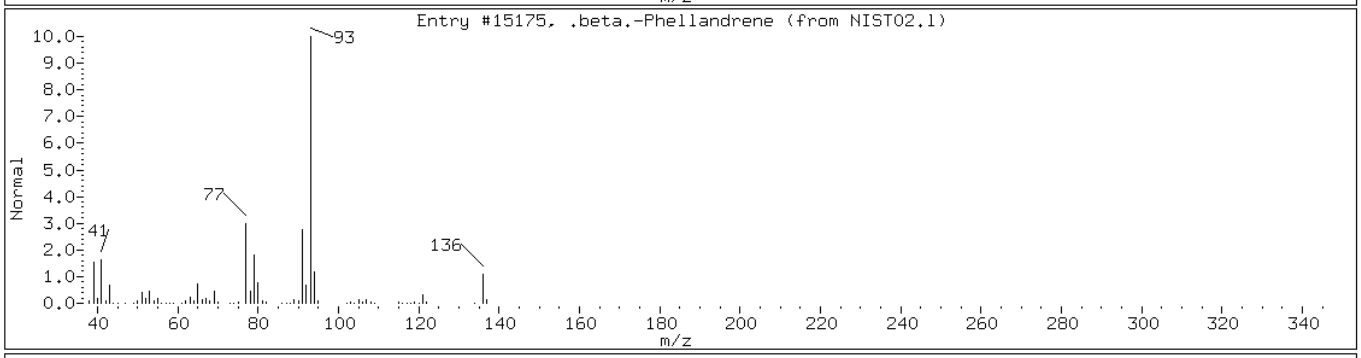
Client ID: F-22 Instrument: VOAMS12.i

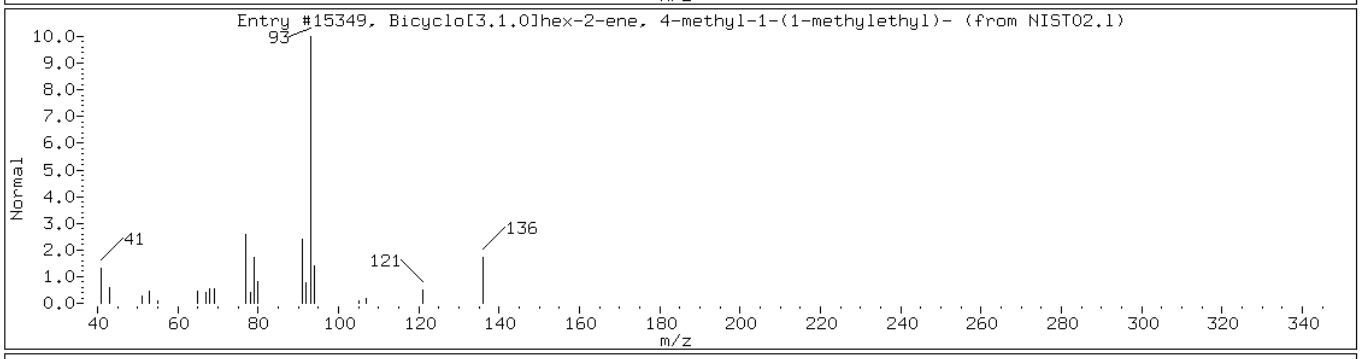
Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

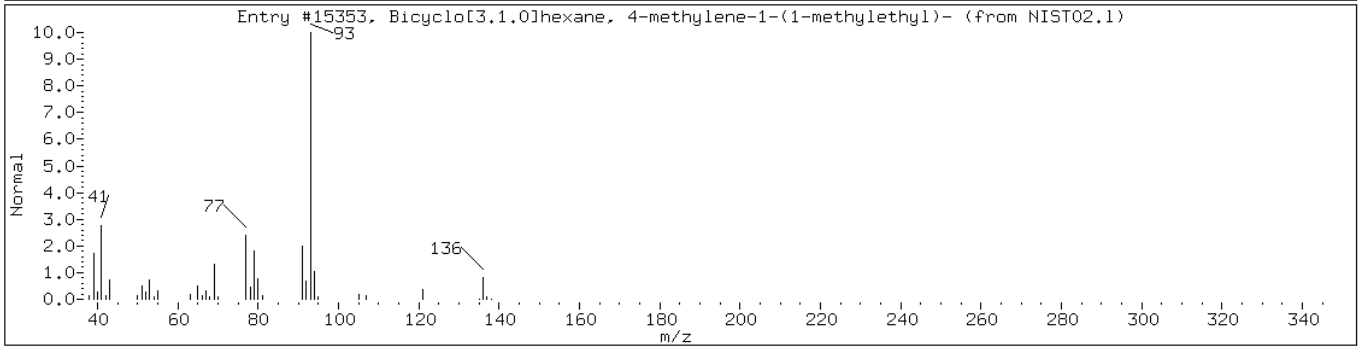
Retention Time: 9.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Phellandrene	555-10-2	NIST02.l	15175	91	C10H16	136
Bicyclo[3.1.0]hex-2-ene, 4-methyl-	28634-89-1	NIST02.l	15349	91	C10H16	136
Bicyclo[3.1.0]hexane, 4-methylene-	3387-41-5	NIST02.l	15353	90	C10H16	136









Data File: o61804.d

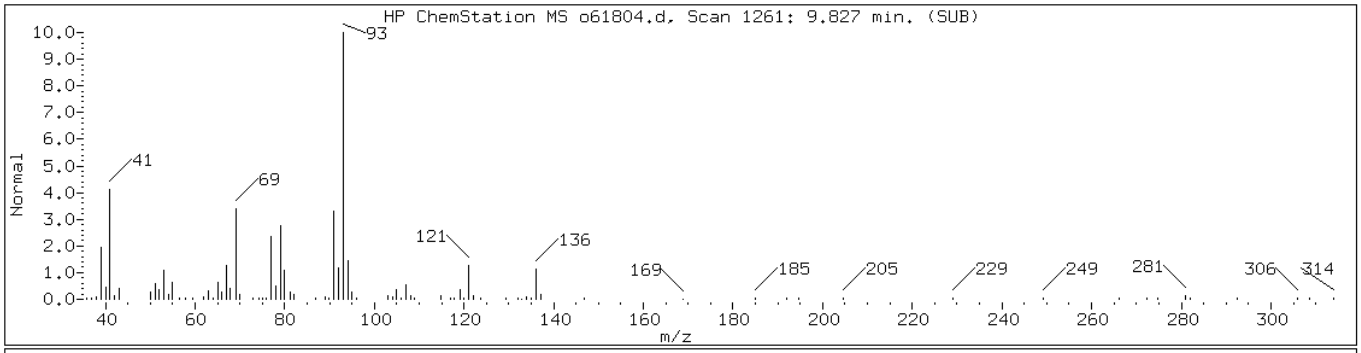
Date: 02-JUL-2012 16:17

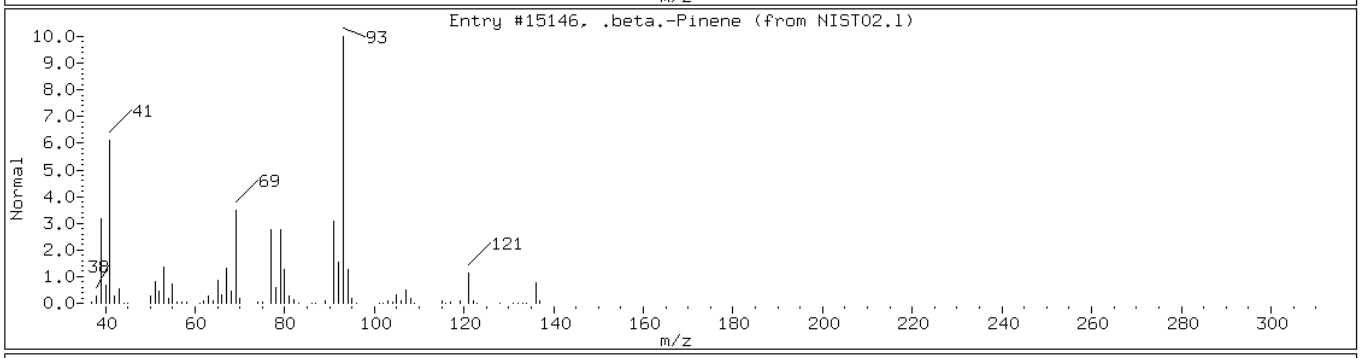
Client ID: F-22 Instrument: VOAMS12.i

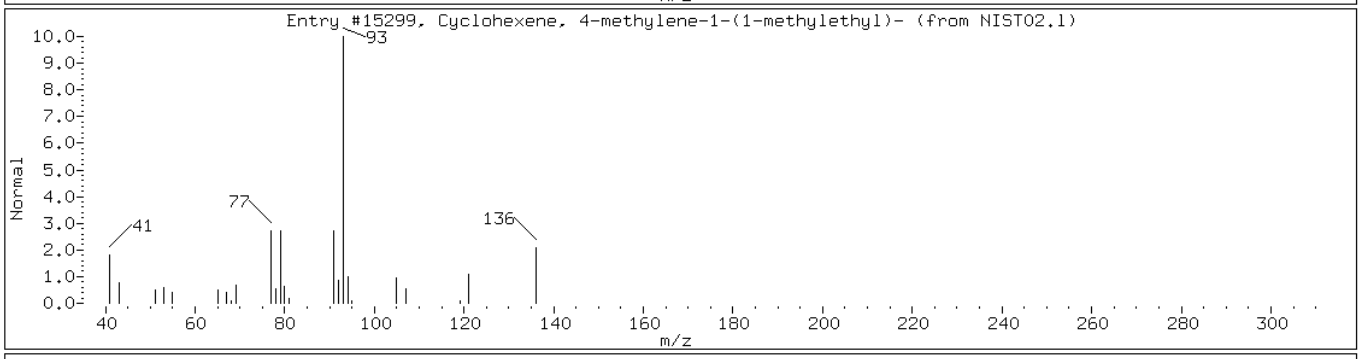
Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

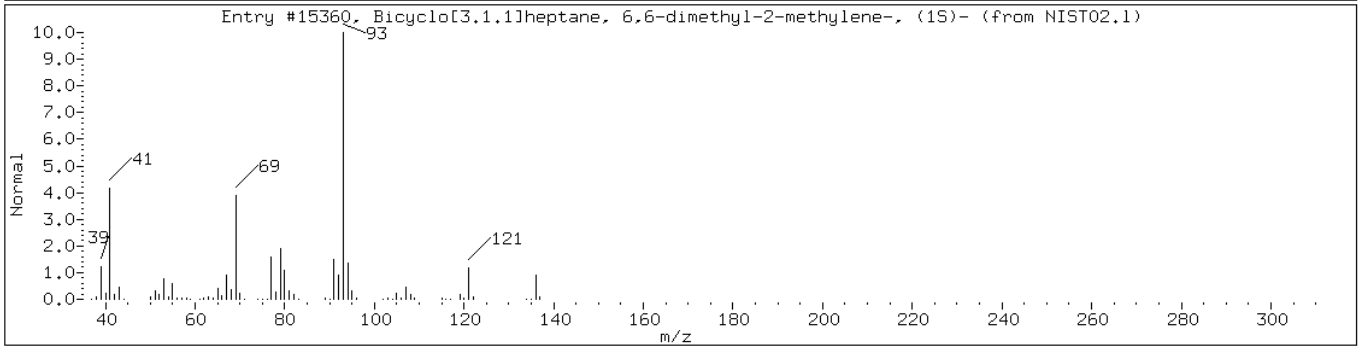
Retention Time: 9.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Pinene	127-91-3	NIST02.l	15146	97	C10H16	136
Cyclohexene, 4-methylene-1-(1-meth	99-84-3	NIST02.l	15299	91	C10H16	136
Bicyclo[3.1.1]heptane, 6,6-dimethy	18172-67-3	NIST02.l	15360	91	C10H16	136









Data File: o61804.d

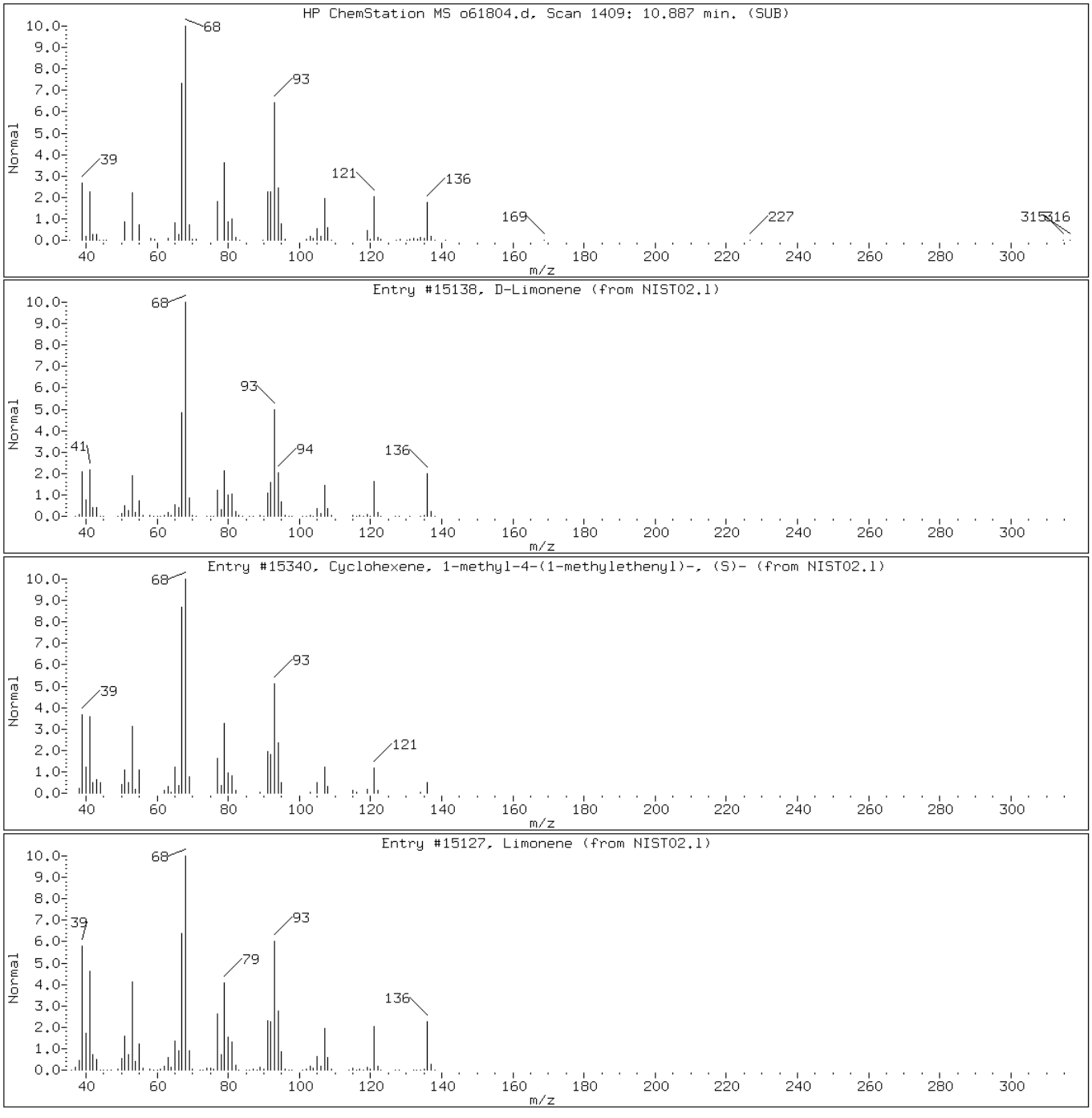
Date: 02-JUL-2012 16:17

Client ID: F-22 Instrument: VOAMS12.i

Sample Info: 460-41730-B-16-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
D-Limonene	5989-27-5	NIST02.l	15138	94	C10H16	136
Cyclohexene, 1-methyl-4-(1-methyle	5989-54-8	NIST02.l	15340	90	C10H16	136
Limonene	138-86-3	NIST02.l	15127	87	C10H16	136



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: e05042.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 2.88(g) | Date Analyzed: 07/03/2012 23:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27	U	440	27
79-34-5	1,1,2,2-Tetrachloroethane	69	U	440	69
79-00-5	1,1,2-Trichloroethane	82	U	440	82
75-34-3	1,1-Dichloroethane	57	U	440	57
75-35-4	1,1-Dichloroethene	39	U	440	39
87-61-6	1,2,3-Trichlorobenzene	220	U	440	220
120-82-1	1,2,4-Trichlorobenzene	150	U	440	150
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	440	180
106-93-4	1,2-Dibromoethane	120	U	440	120
95-50-1	1,2-Dichlorobenzene	1100		440	90
107-06-2	1,2-Dichloroethane	83	U	440	83
78-87-5	1,2-Dichloropropane	38	U	440	38
541-73-1	1,3-Dichlorobenzene	83	J	440	59
106-46-7	1,4-Dichlorobenzene	1400		440	100
123-91-1	1,4-Dioxane	16000	U	22000	16000
78-93-3	2-Butanone	1000	U	2200	1000
591-78-6	2-Hexanone	220	U	2200	220
108-10-1	4-Methyl-2-pentanone	430	U	2200	430
67-64-1	Acetone	2600		2200	1200
71-43-2	Benzene	36	U	440	36
74-97-5	Bromochloromethane	120	U	440	120
75-27-4	Bromodichloromethane	55	U	440	55
75-25-2	Bromoform	84	U	440	84
74-83-9	Bromomethane	79	U	440	79
75-15-0	Carbon disulfide	250	J	440	55
56-23-5	Carbon tetrachloride	25	U	440	25
108-90-7	Chlorobenzene	48	U	440	48
75-00-3	Chloroethane	74	U	440	74
67-66-3	Chloroform	34	U	440	34
74-87-3	Chloromethane	42	U	440	42
156-59-2	cis-1,2-Dichloroethene	78	U	440	78
10061-01-5	cis-1,3-Dichloropropene	81	U	440	81
110-82-7	Cyclohexane	69	U	440	69
124-48-1	Dibromochloromethane	87	U	440	87
75-71-8	Dichlorodifluoromethane	94	U	440	94
100-41-4	Ethylbenzene	91	J	440	42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: e05042.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 2.88(g) | Date Analyzed: 07/03/2012 23:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	36	U	440	36
98-82-8	Isopropylbenzene	220	J	440	34
79-20-9	Methyl acetate	3300		880	150
108-87-2	Methylcyclohexane	86	J	440	59
75-09-2	Methylene Chloride	80	U	440	80
1634-04-4	MTBE	60	U	440	60
100-42-5	Styrene	52	U	440	52
127-18-4	Tetrachloroethene	43	U	440	43
108-88-3	Toluene	8600		440	65
156-60-5	trans-1,2-Dichloroethene	56	U	440	56
10061-02-6	trans-1,3-Dichloropropene	110	U	440	110
79-01-6	Trichloroethene	74	J	440	40
75-69-4	Trichlorofluoromethane	64	U	440	64
75-01-4	Vinyl chloride	63	U	440	63
1330-20-7	Xylenes, Total	890	J	1300	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	85		59-150
460-00-4	Bromofluorobenzene	84		72-133

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05042.d
Report Date: 09-Jul-2012 19:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05042.d
Lab Smp Id: 460-41730-A-17-A Client Smp ID: F-23
Inj Date : 03-JUL-2012 23:08
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-41730-A-17-A;50;;2.88;10
Misc Info : 460-41730-A-17-A
Comment   :
Method   : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 05-Jul-2012 16:14 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.88000	Weight of sample extracted (g)
M	60.34483	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	18 Carbon Disulfide	76	1.522	1.541	(0.426)	3955	0.56715	250(a)
	16 Acetone	58	1.894	1.870	(0.530)	1245	6.04276	2600
	27 Methyl Acetate	74	1.949	1.943	(0.545)	3063	7.42780	3200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.935)	113890	48.2895	21000
*	52 Fluorobenzene	96	3.577	3.583	(1.000)	541881	50.0000	
	56 Methyl cyclohexane	83	3.705	3.717	(1.036)	797	0.19564	86(a)
	54 Trichloroethene	95	3.717	3.723	(1.039)	446	0.16827	74(a)
$	65 Toluene-d8 (SUR)	98	5.095	5.101	(0.733)	416073	42.5844	19000
	66 Toluene	91	5.150	5.150	(0.741)	262758	19.5918	8600
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	464356	50.0000	
	81 Ethylbenzene	106	7.058	7.058	(1.016)	957	0.20750	91(a)
	82 m+p-Xylene	106	7.277	7.271	(1.047)	8610	1.44245	630
	84 o-Xylene	106	7.863	7.856	(1.132)	3356	0.58150	250(a)
	88 Isopropylbenzene	105	8.350	8.344	(1.202)	7558	0.50974	220(a)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05042.d
Report Date: 09-Jul-2012 19:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	179782	42.2013	18000
95 n-Propylbenzene	91	8.978	8.978	(0.858)	36895	2.05238	900
97 1,3,5-Trimethylbenzene	105	9.332	9.326	(0.892)	149563	11.3729	5000
101 1,2,4-Trimethylbenzene	105	9.923	9.917	(0.948)	216004	15.3835	6700
103 sec-Butylbenzene	105	10.088	10.082	(0.964)	34284	2.21767	970
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	1499	0.19028	83(a)
107 p-Isopropyltoluene	119	10.368	10.362	(0.991)	155783	11.4327	5000
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	289568	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	25334	3.13338	1400
111 1,2-Dichlorobenzene	146	11.155	11.149	(1.066)	18613	2.46717	1100
116 Naphthalene	128	13.270	13.264	(1.268)	29258	2.82794	1200
M 121 Xylene (Total)	100				11966	2.02396	890(a)

QC Flag Legend

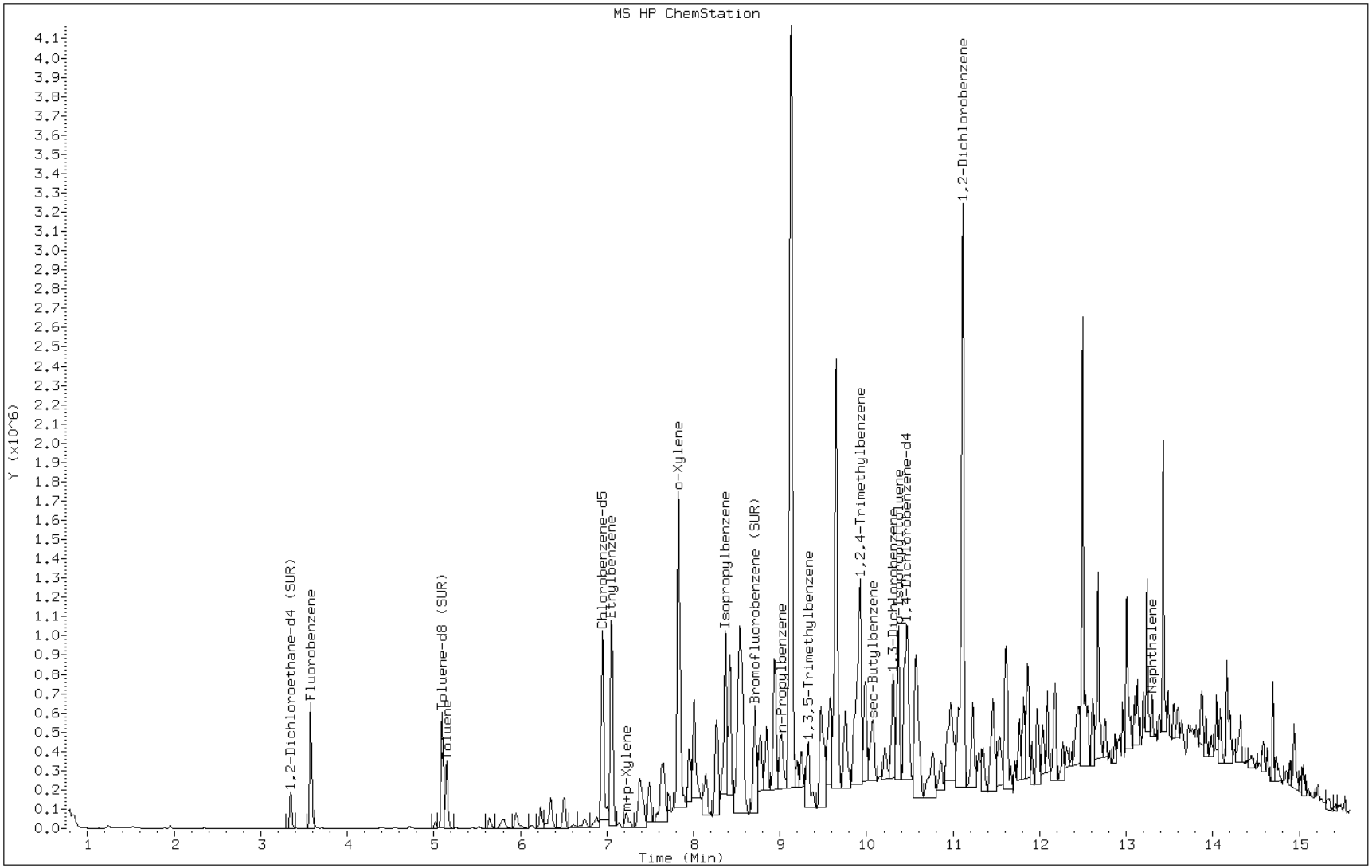
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5



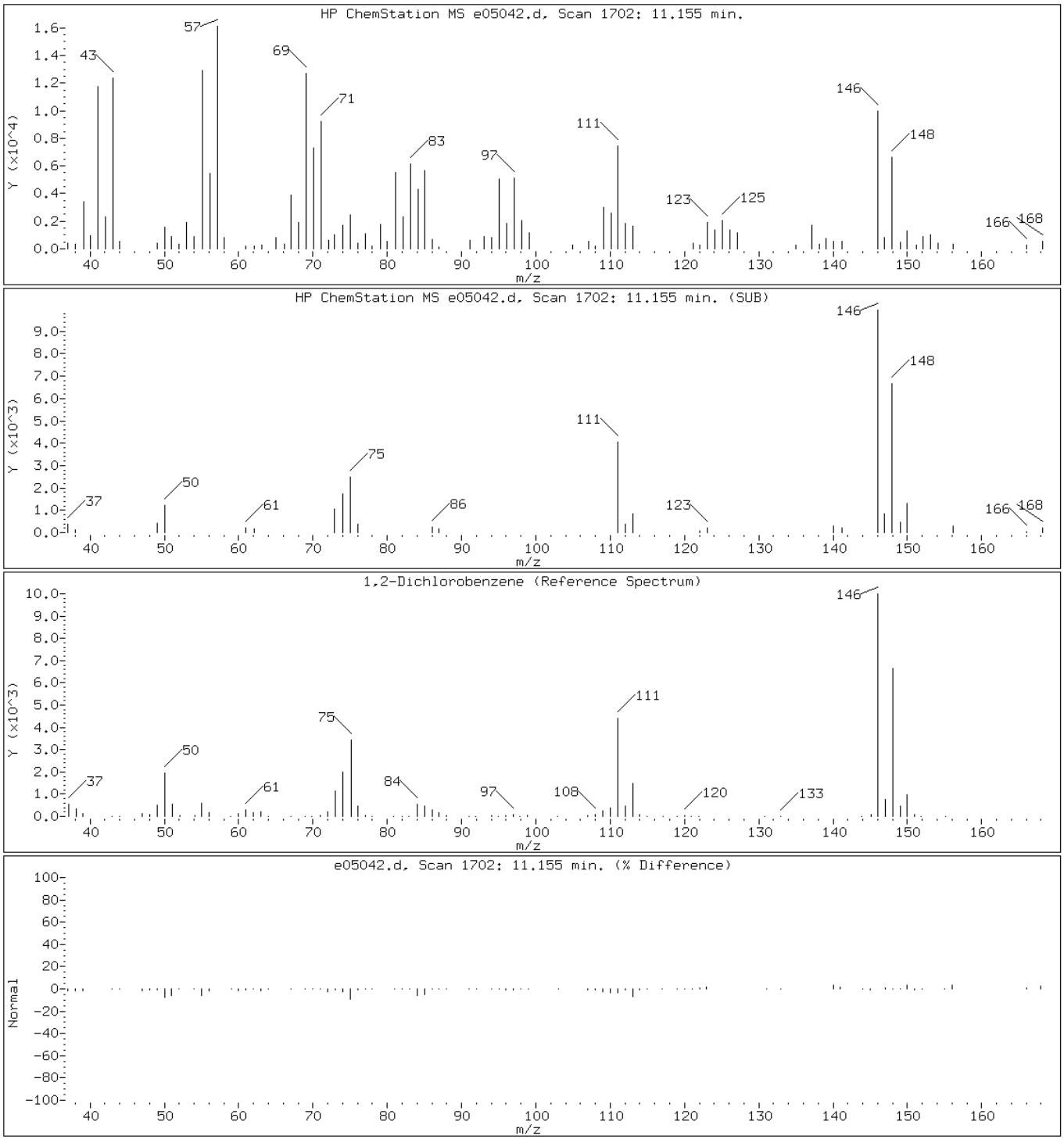
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

111 1,2-Dichlorobenzene



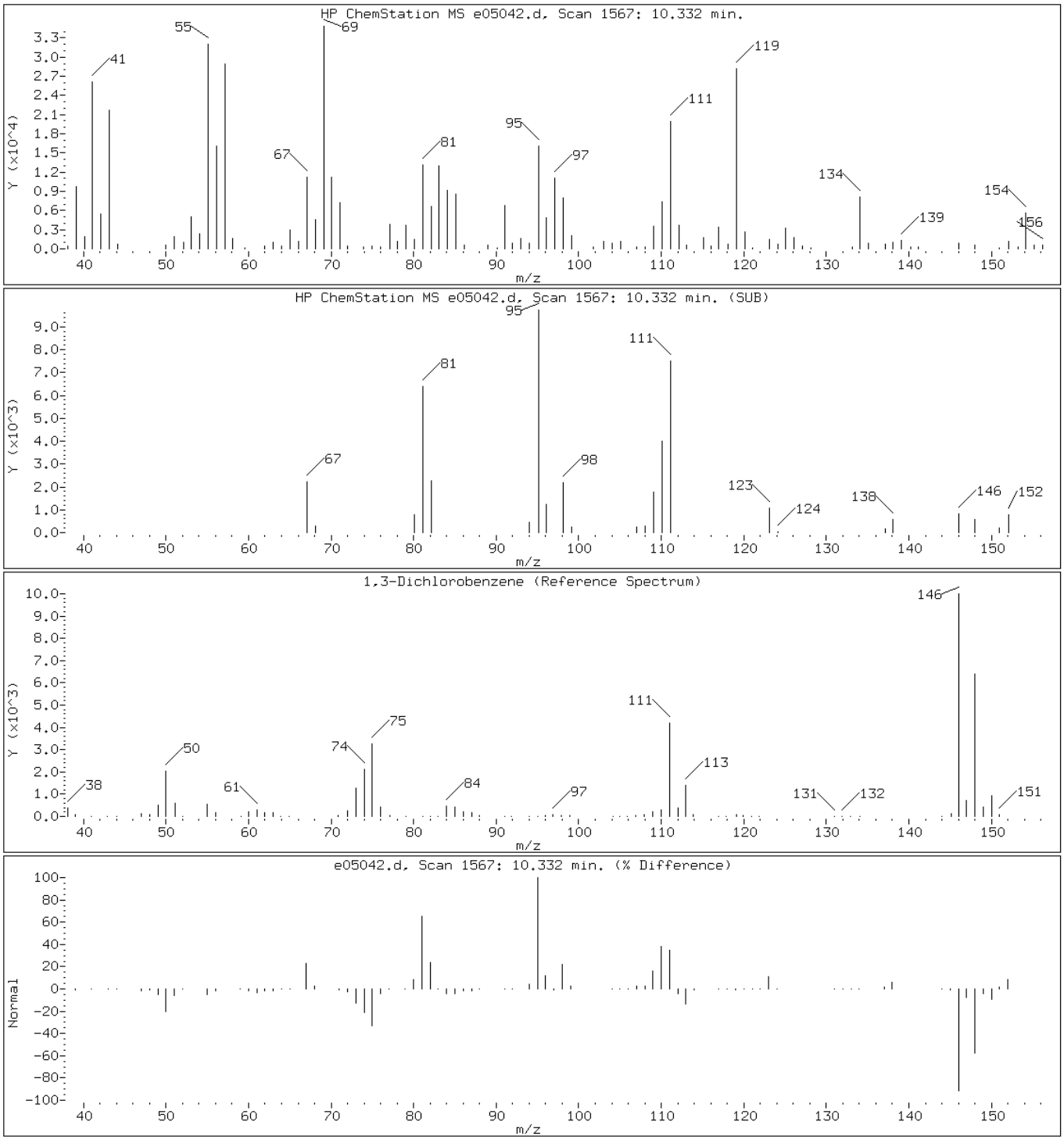
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

105 1,3-Dichlorobenzene



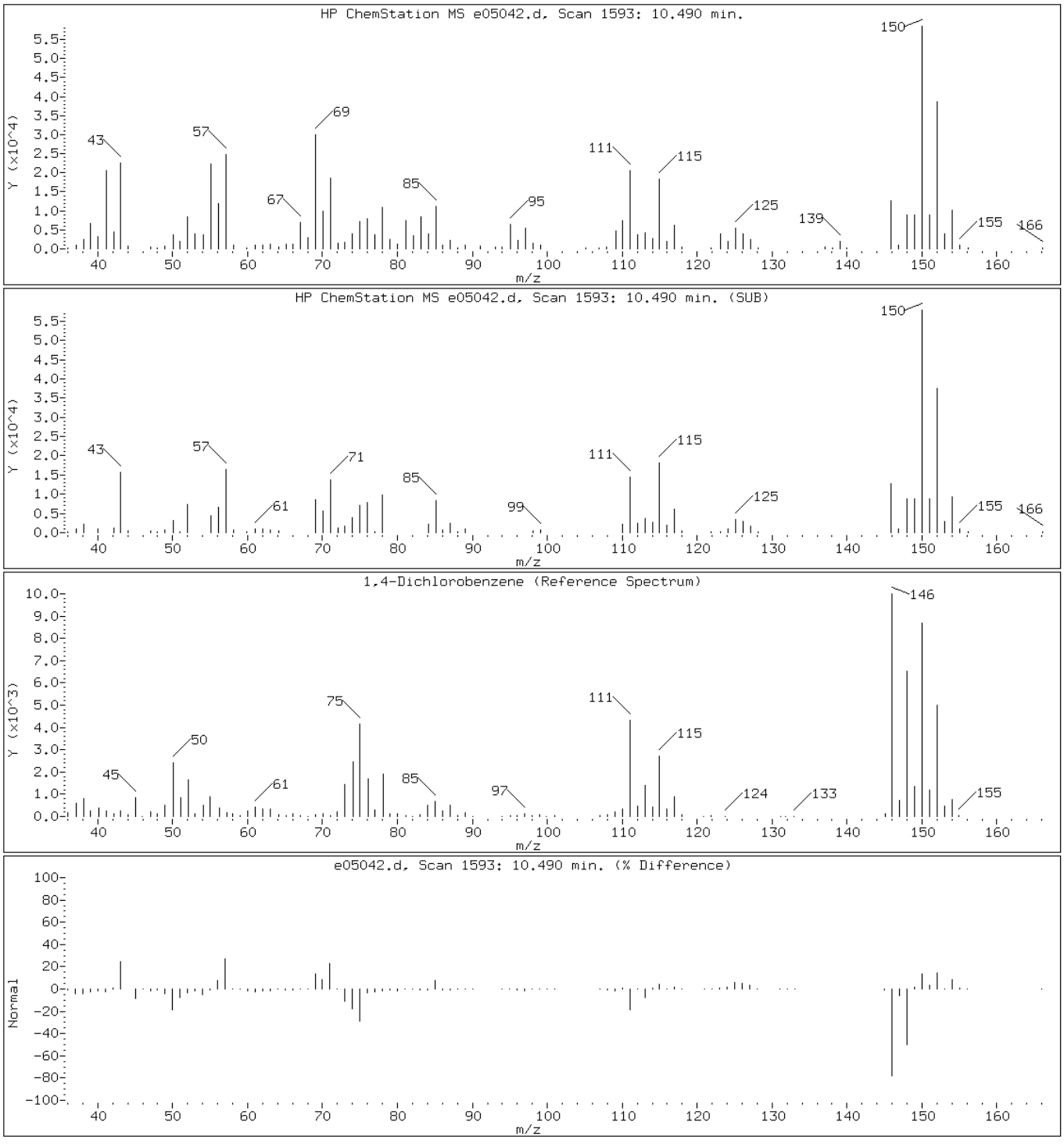
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

109 1,4-Dichlorobenzene



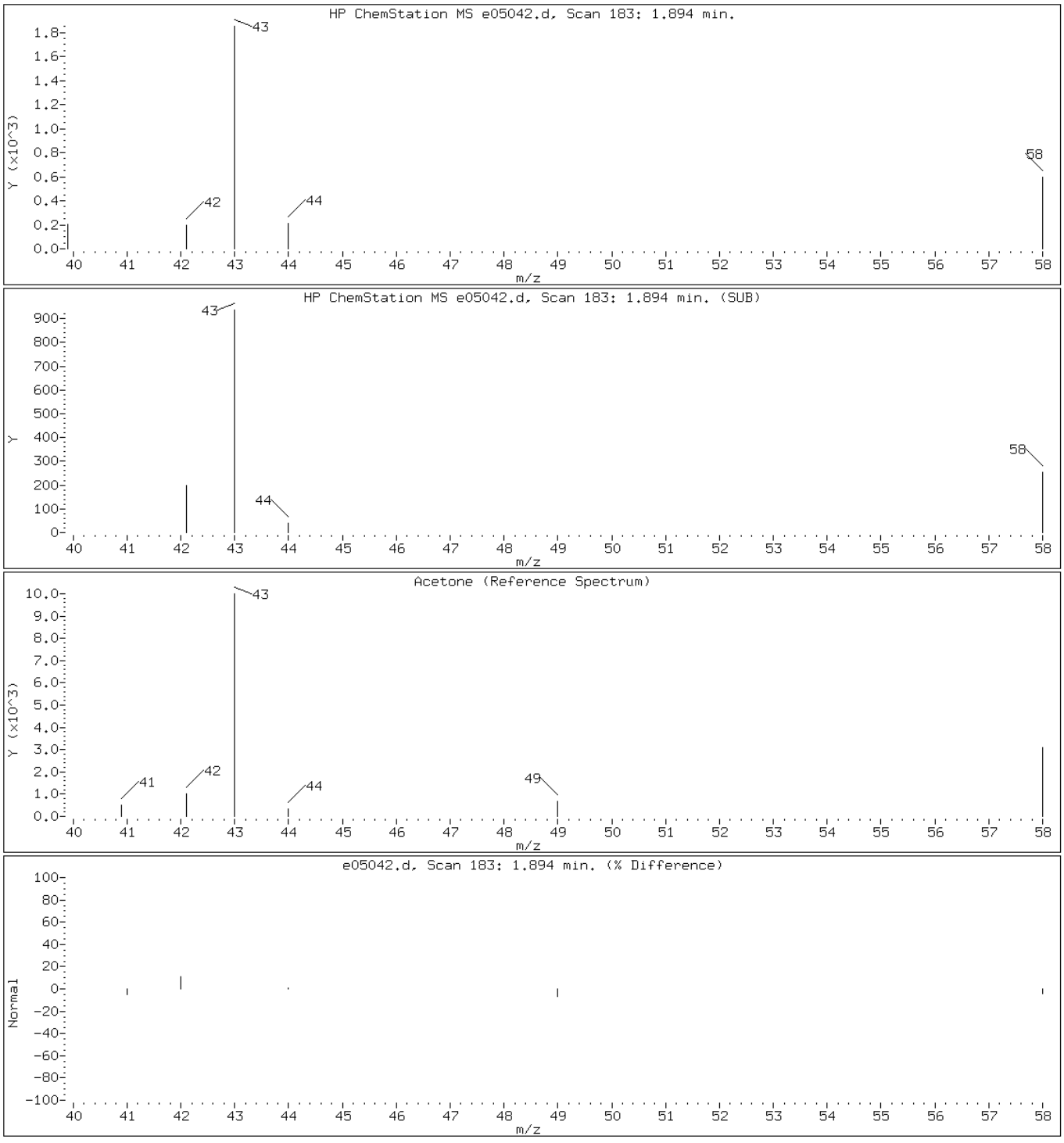
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

16 Acetone



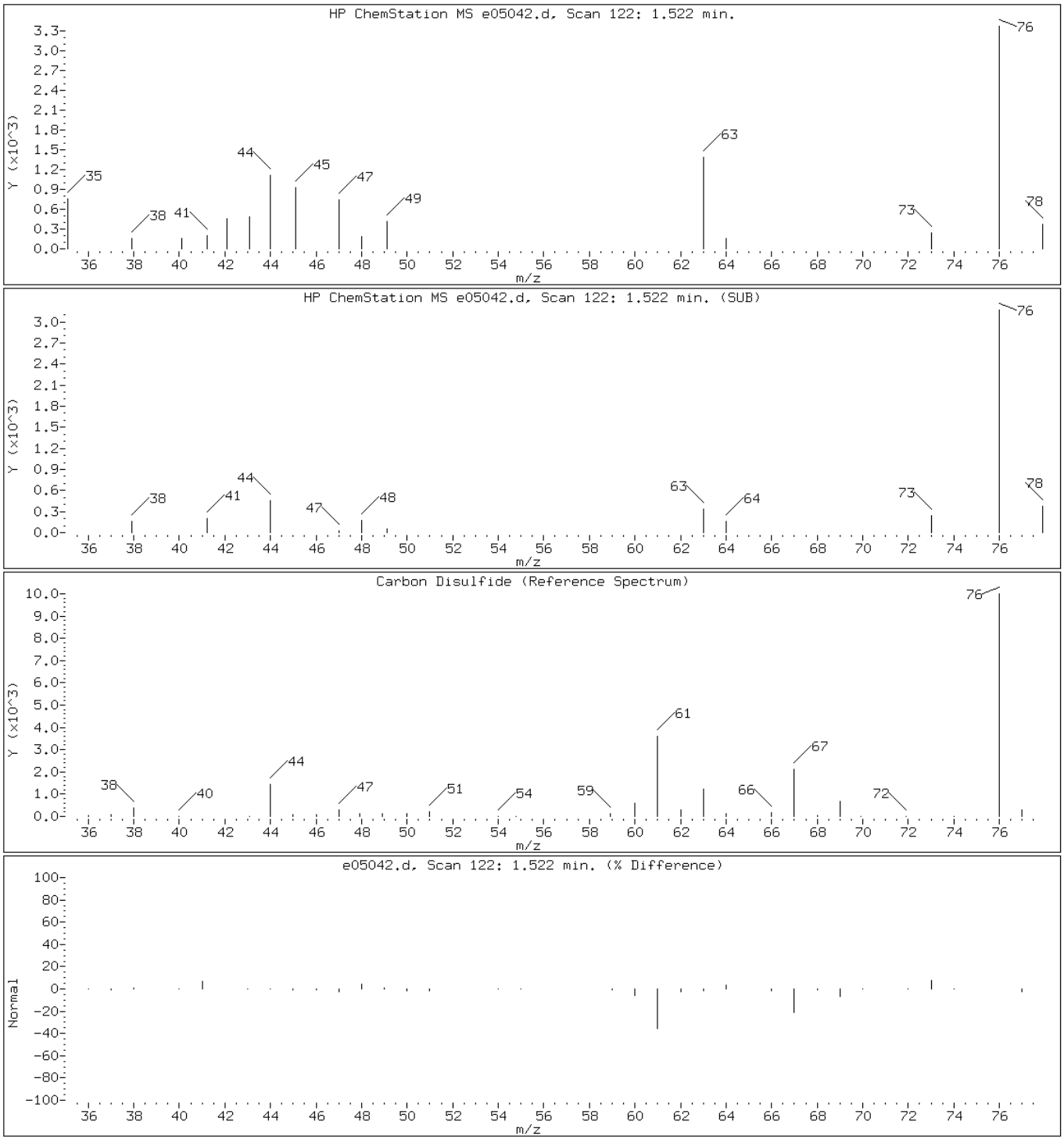
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

18 Carbon Disulfide



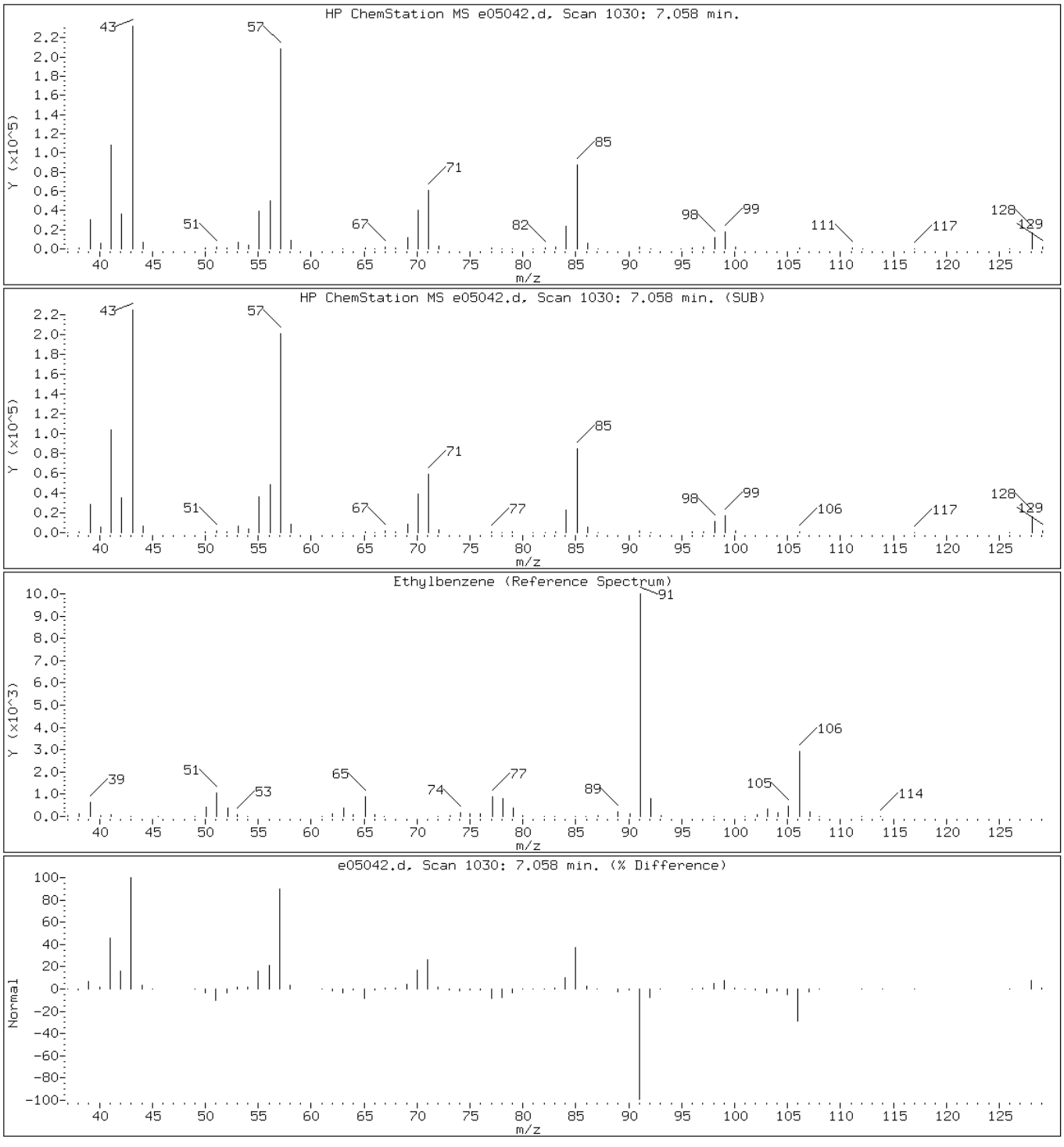
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

81 Ethylbenzene



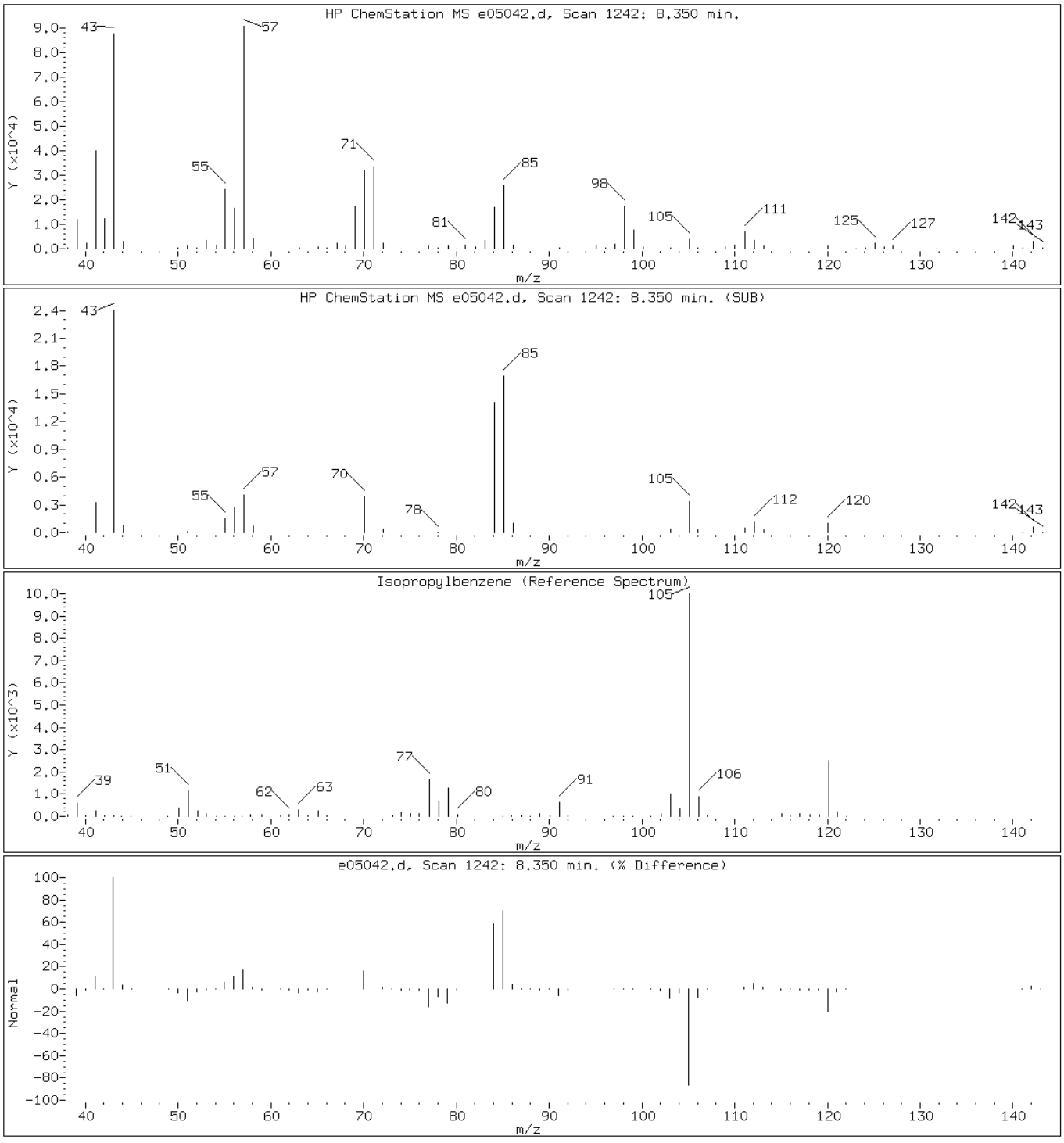
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

88 Isopropylbenzene



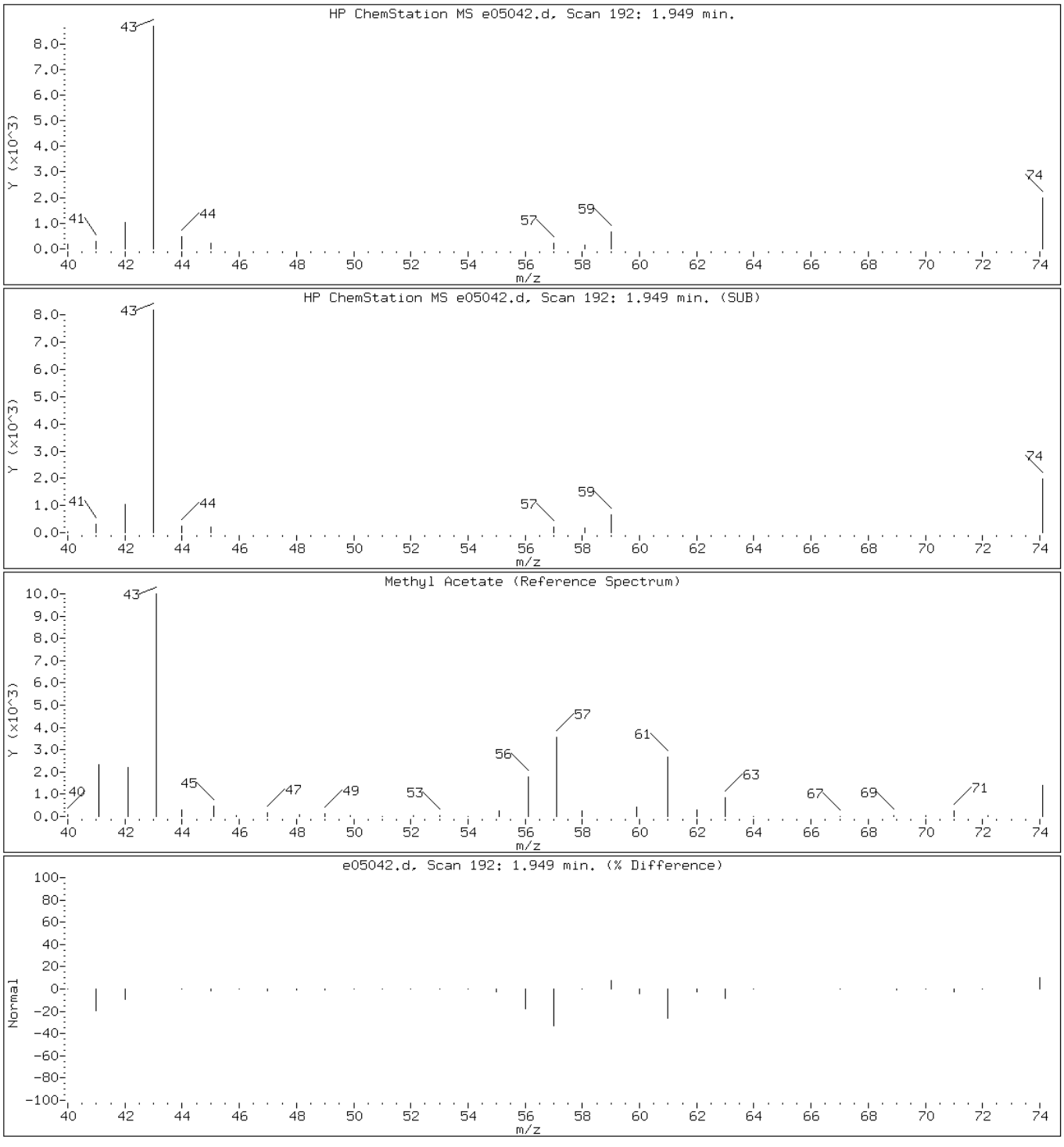
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

27 Methyl Acetate



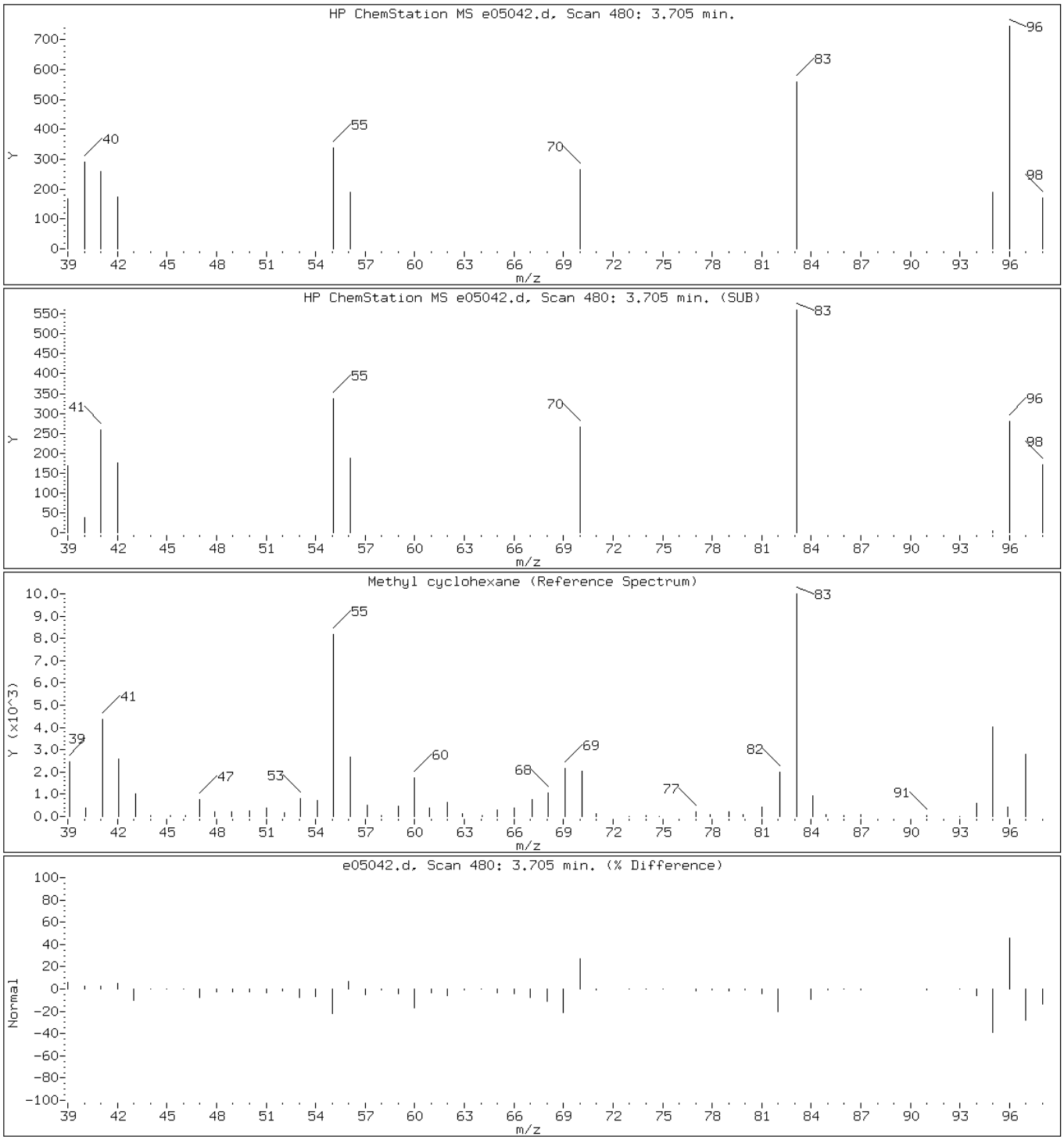
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

56 Methyl cyclohexane



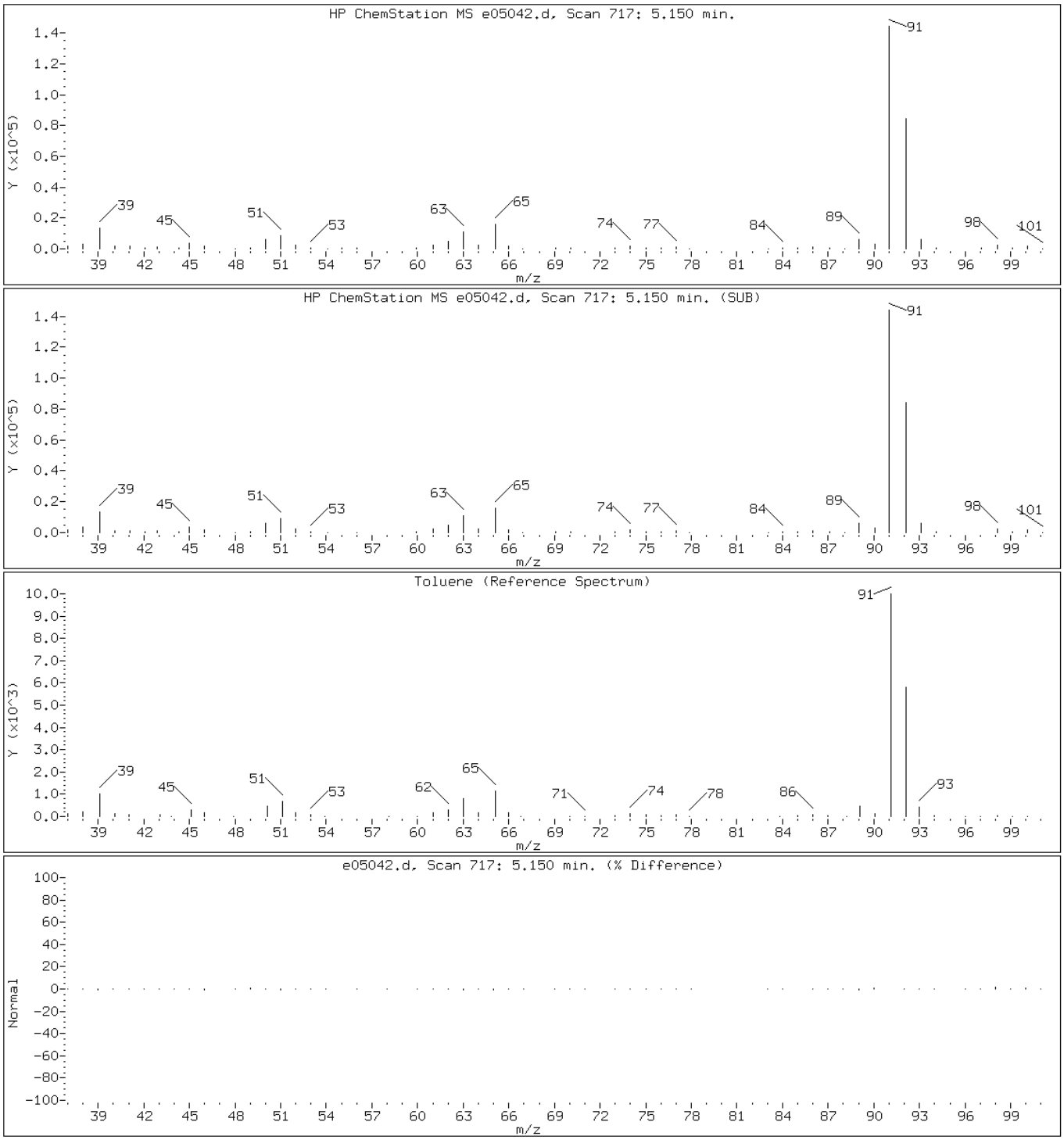
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

66 Toluene



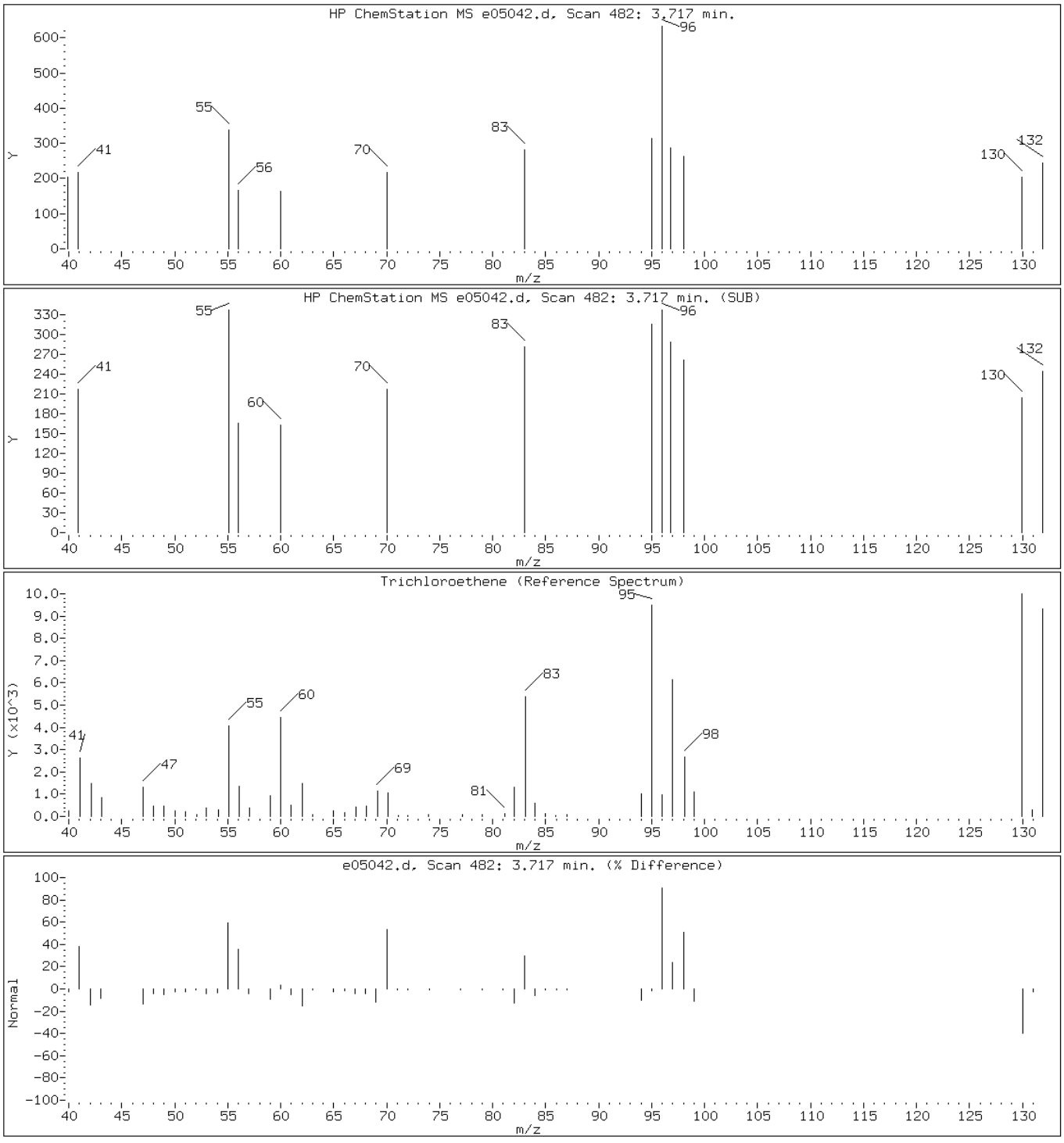
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

54 Trichloroethene



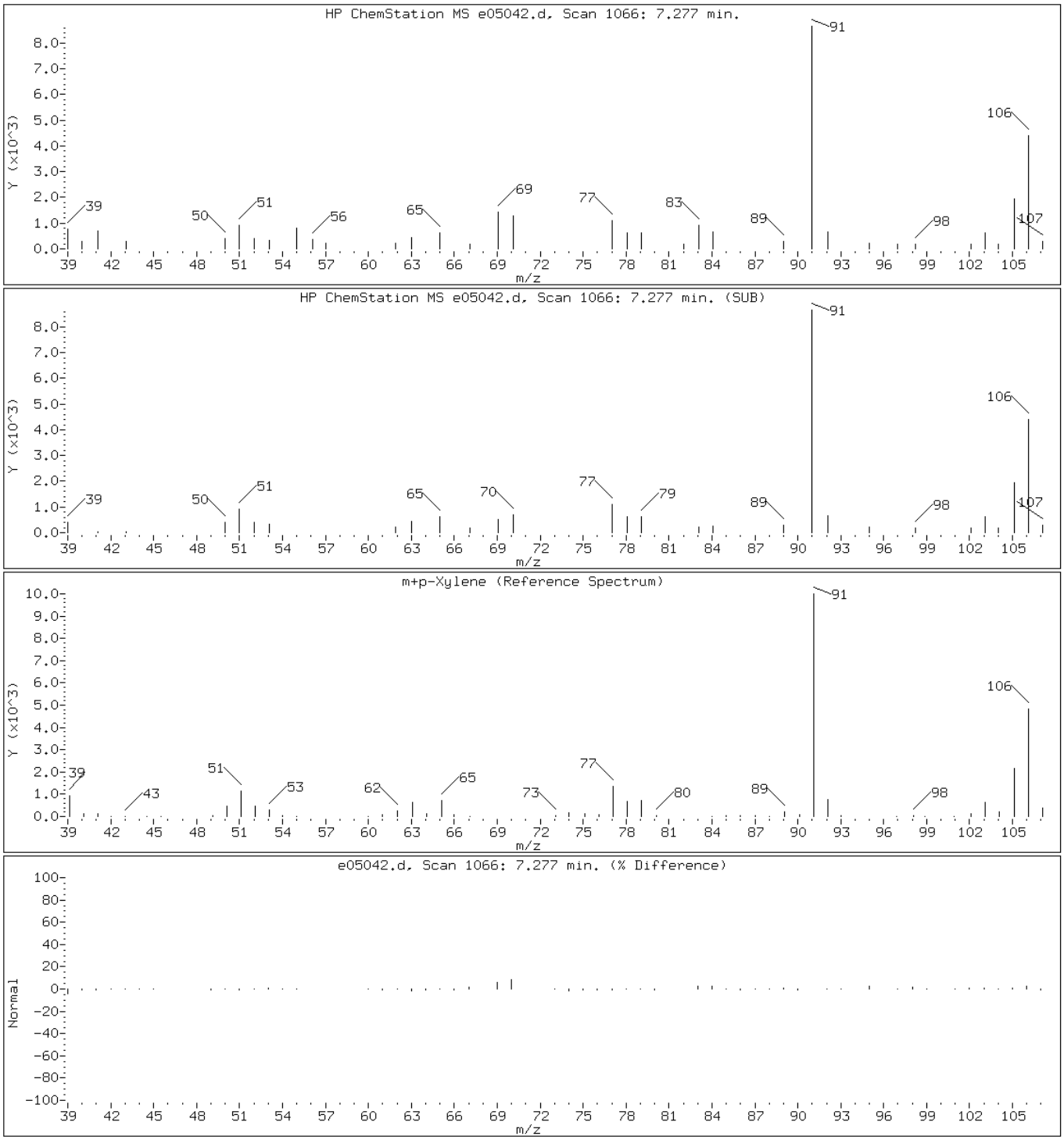
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

82 m+p-Xylene



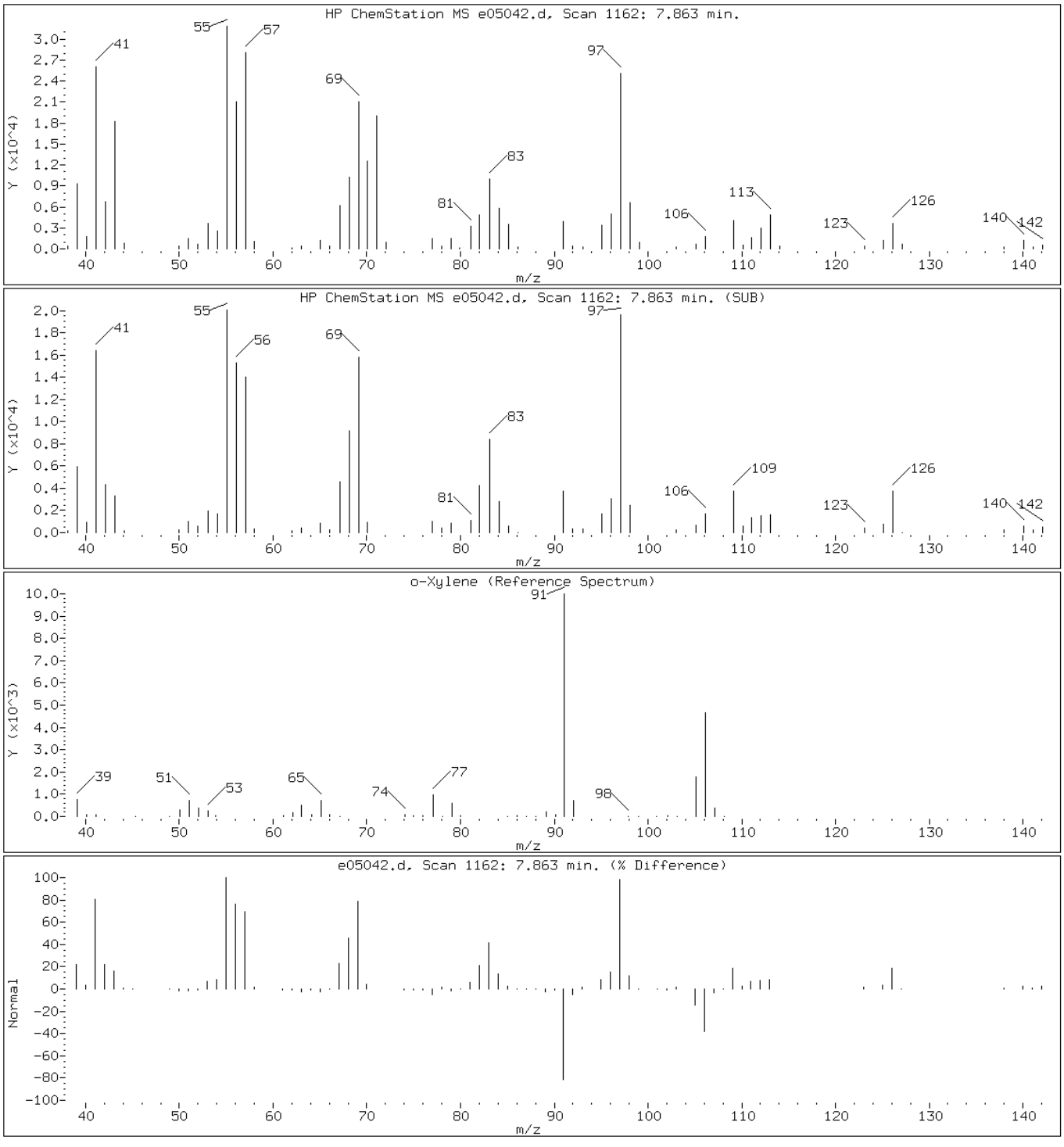
Data File: e05042.d

Date: 03-JUL-2012 23:08

Client ID: F-23 Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-A;50;;2.88;10 Operator: VOAMS5

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: o61821.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:10

Sample wt/vol: 4.88(g) | Date Analyzed: 07/02/2012 23:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.4 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	57	14
78-93-3	2-Butanone	0.71	U	11	0.71
591-78-6	2-Hexanone	0.15	U	11	0.15
108-10-1	4-Methyl-2-pentanone	0.23	U	11	0.23
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U *	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.49	U	1.1	0.49
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.37	U	1.1	0.37
67-66-3	Chloroform	0.27	U	1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: o61821.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:10

Sample wt/vol: 4.88(g) | Date Analyzed: 07/02/2012 23:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.4 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.0	J B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.32	U	1.1	0.32
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.16	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.14	U	1.1	0.14
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
1330-20-7	Xylenes, Total	0.76	U	3.4	0.76

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 Lab Sample ID: 460-41730-18

Matrix: Solid Lab File ID: o61821.d

Analysis Method: 8260B Date Collected: 06/26/2012 13:10

Sample wt/vol: 4.88(g) Date Analyzed: 07/02/2012 23:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.4 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61821.d
Report Date: 03-Jul-2012 13:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61821.d
Lab Smp Id: 460-41730-B-18-A Client Smp ID: F-24
Inj Date : 02-JUL-2012 23:53
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-18-A;;;4.88;5
Misc Info : 460-41730-B-18-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.88000	Weight of sample extracted (g)
M	9.36255	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.512)	3983	0.91288	1.0(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	193810	56.6216	64
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	692002	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	608710	47.0367	53
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	587562	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	246355	49.4561	56
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	366383	50.0000	

QC Flag Legend

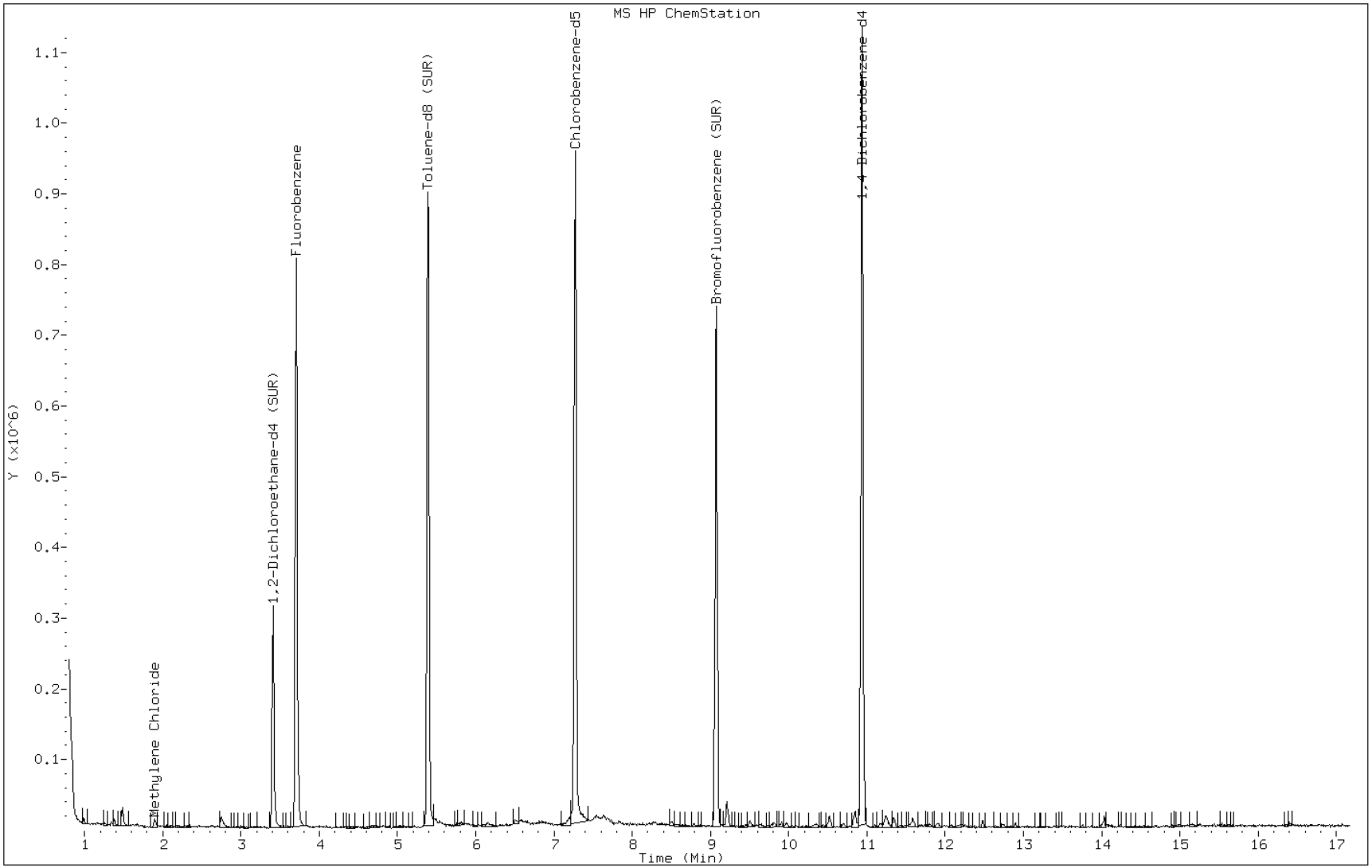
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61821.d

Date: 02-JUL-2012 23:53

Client ID: F-24 Instrument: VOAMS12.i

Sample Info: 460-41730-B-18-A;;;4.88;5 Operator: VOAMS 9



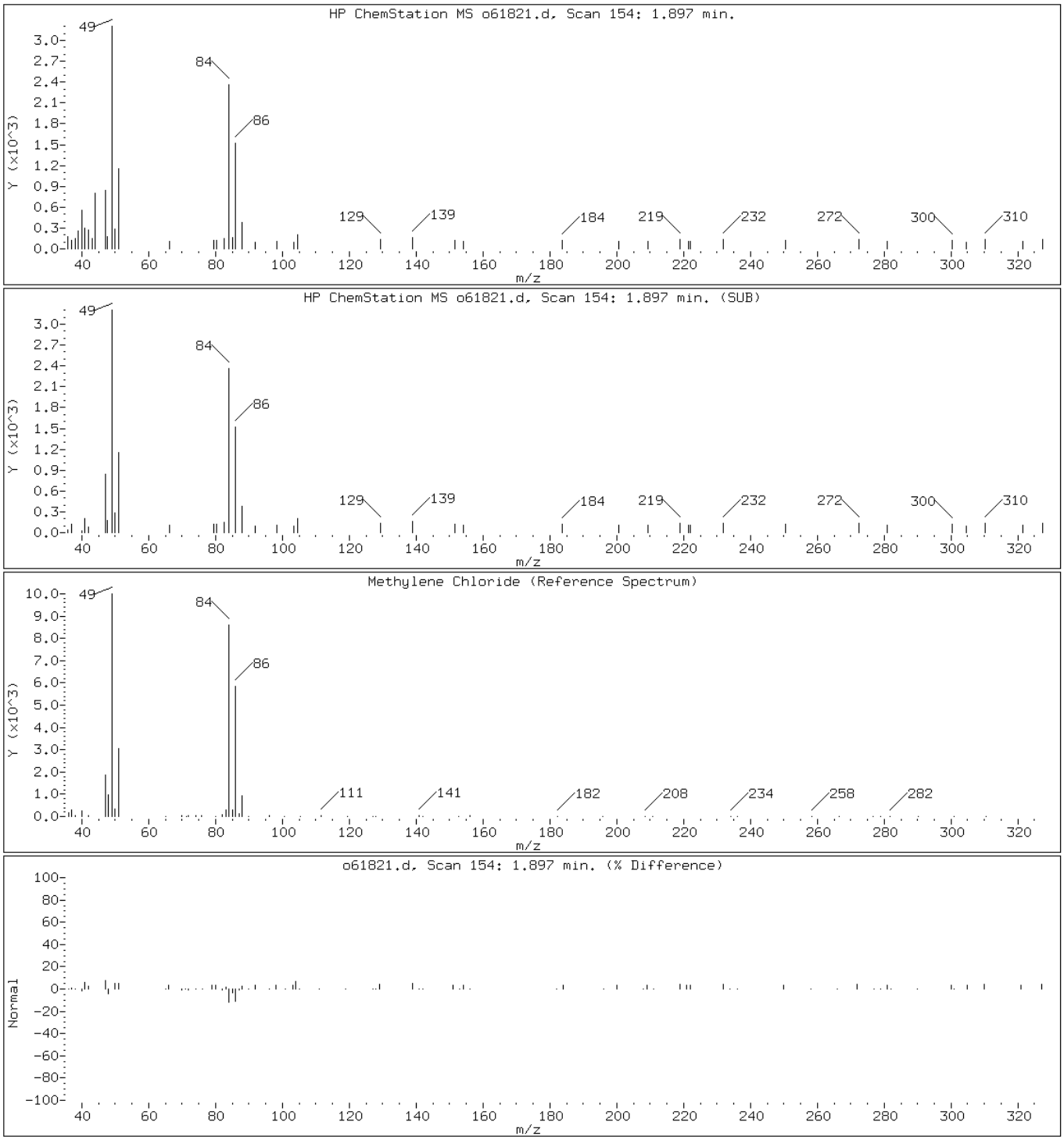
Data File: o61821.d

Date: 02-JUL-2012 23:53

Client ID: F-24 Instrument: VOAMS12.i

Sample Info: 460-41730-B-18-A;;;4.88;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: o61822.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:22

Sample wt/vol: 5.34(g) | Date Analyzed: 07/03/2012 00:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.096	U	1.1	0.096
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	13	U	53	13
78-93-3	2-Butanone	5.6	J	11	0.67
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
67-64-1	Acetone	38	B	11	1.8
71-43-2	Benzene	0.16	U	1.1	0.16
74-97-5	Bromochloromethane	0.12	U *	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34
75-25-2	Bromoform	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-15-0	Carbon disulfide	0.25	J	1.1	0.16
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
75-00-3	Chloroethane	0.35	U	1.1	0.35
67-66-3	Chloroform	0.26	U	1.1	0.26
74-87-3	Chloromethane	0.17	U	1.1	0.17
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
100-41-4	Ethylbenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: o61822.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:22

Sample wt/vol: 5.34(g) | Date Analyzed: 07/03/2012 00:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.2	B	1.1	0.16
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.30	U	1.1	0.30
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 Lab Sample ID: 460-41730-20

Matrix: Solid Lab File ID: o61822.d

Analysis Method: 8260B Date Collected: 06/26/2012 13:22

Sample wt/vol: 5.34(g) Date Analyzed: 07/03/2012 00:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61822.d
Report Date: 03-Jul-2012 13:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61822.d
Lab Smp Id: 460-41730-B-20-A Client Smp ID: F-26
Inj Date : 03-JUL-2012 00:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-20-A;;;5.34;5
Misc Info : 460-41730-B-20-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.34000	Weight of sample extracted (g)
M	11.92308	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.661	(0.448)	42741	35.5013	38
	8 Carbon Disulfide	76	1.733	1.732	(0.467)	3561	0.23289	0.25(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	5108	1.15081	1.2
	18 2-Butanone	72	2.778	2.778	(0.749)	2608	5.23797	5.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	189497	54.4197	58
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	703978	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	617907	47.6745	51
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	588460	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	249715	51.0331	54
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	359904	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61822.d
Report Date: 03-Jul-2012 13:40

QC Flag Legend

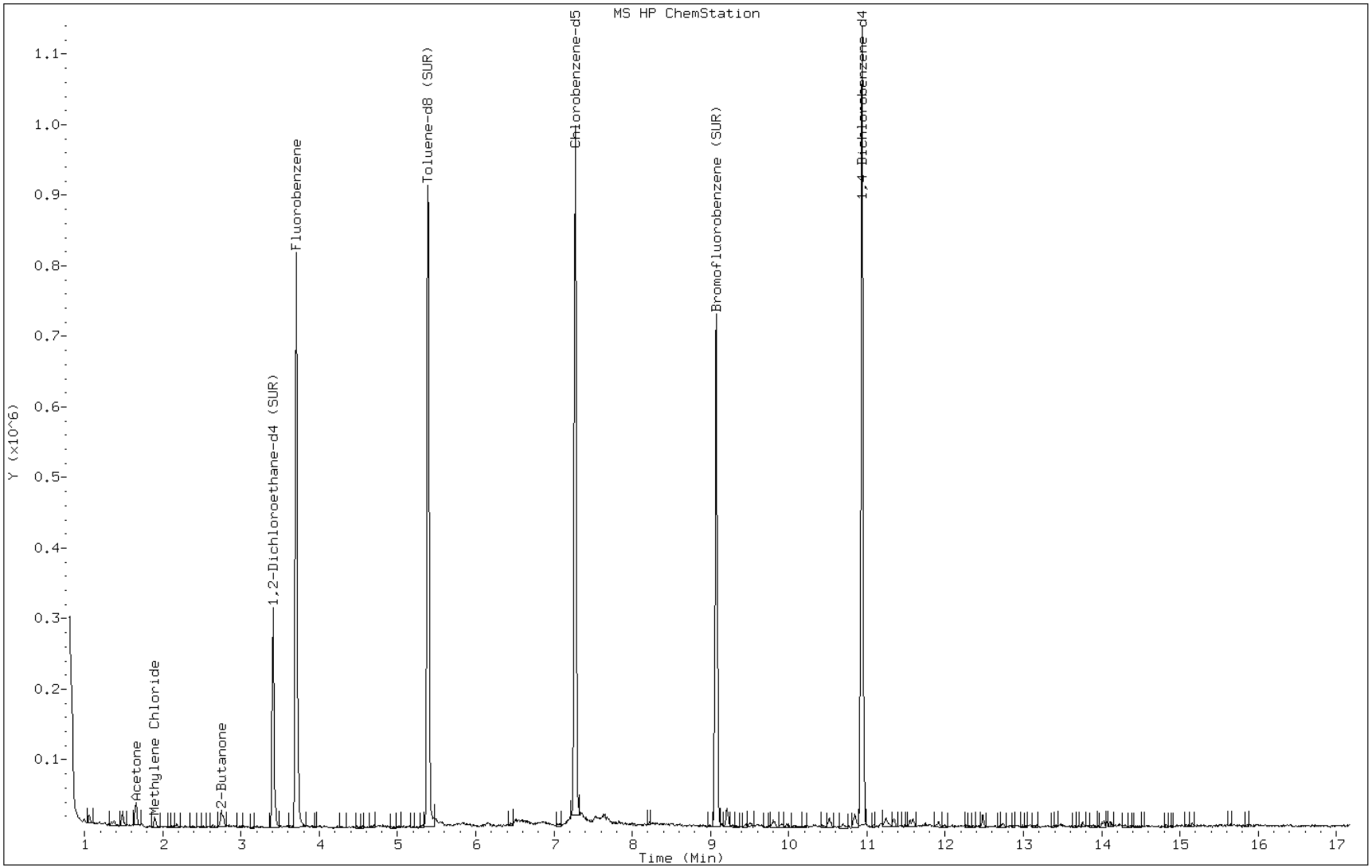
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61822.d

Date: 03-JUL-2012 00:18

Client ID: F-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-20-A;;;5.34;5 Operator: VOAMS 9



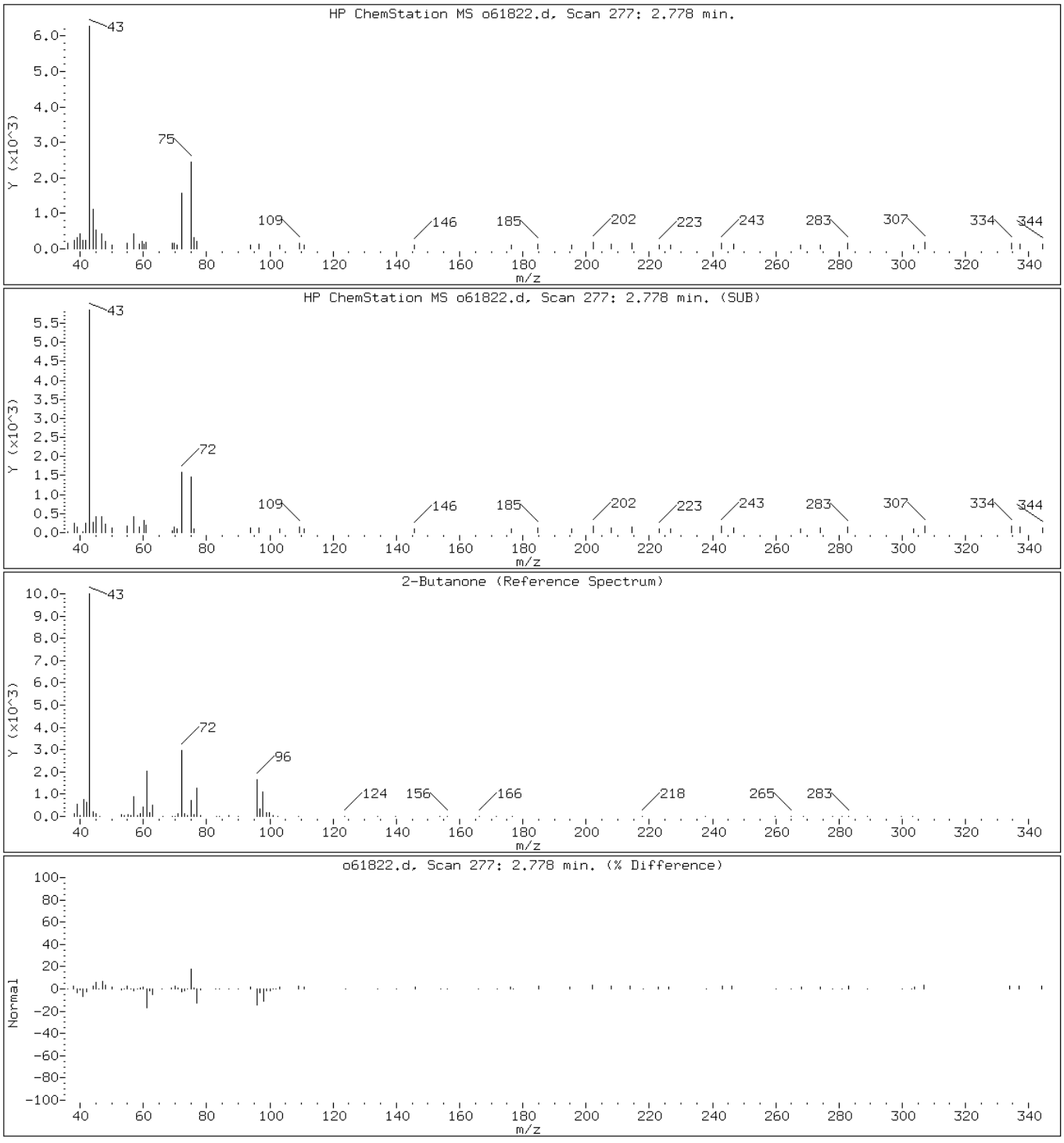
Data File: o61822.d

Date: 03-JUL-2012 00:18

Client ID: F-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-20-A;;;5.34;5 Operator: VOAMS 9

18 2-Butanone



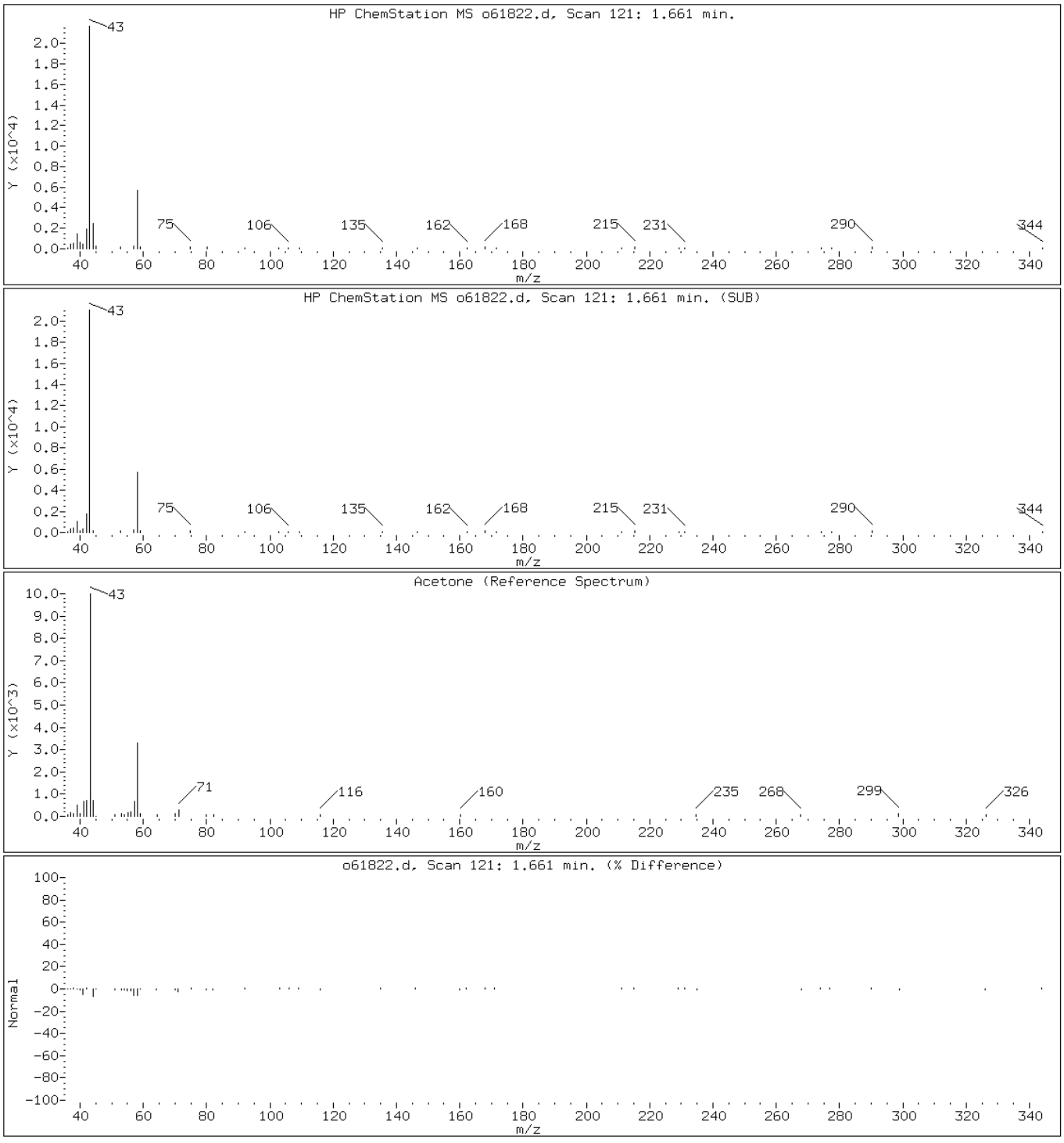
Data File: o61822.d

Date: 03-JUL-2012 00:18

Client ID: F-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-20-A;;;5.34;5 Operator: VOAMS 9

7 Acetone



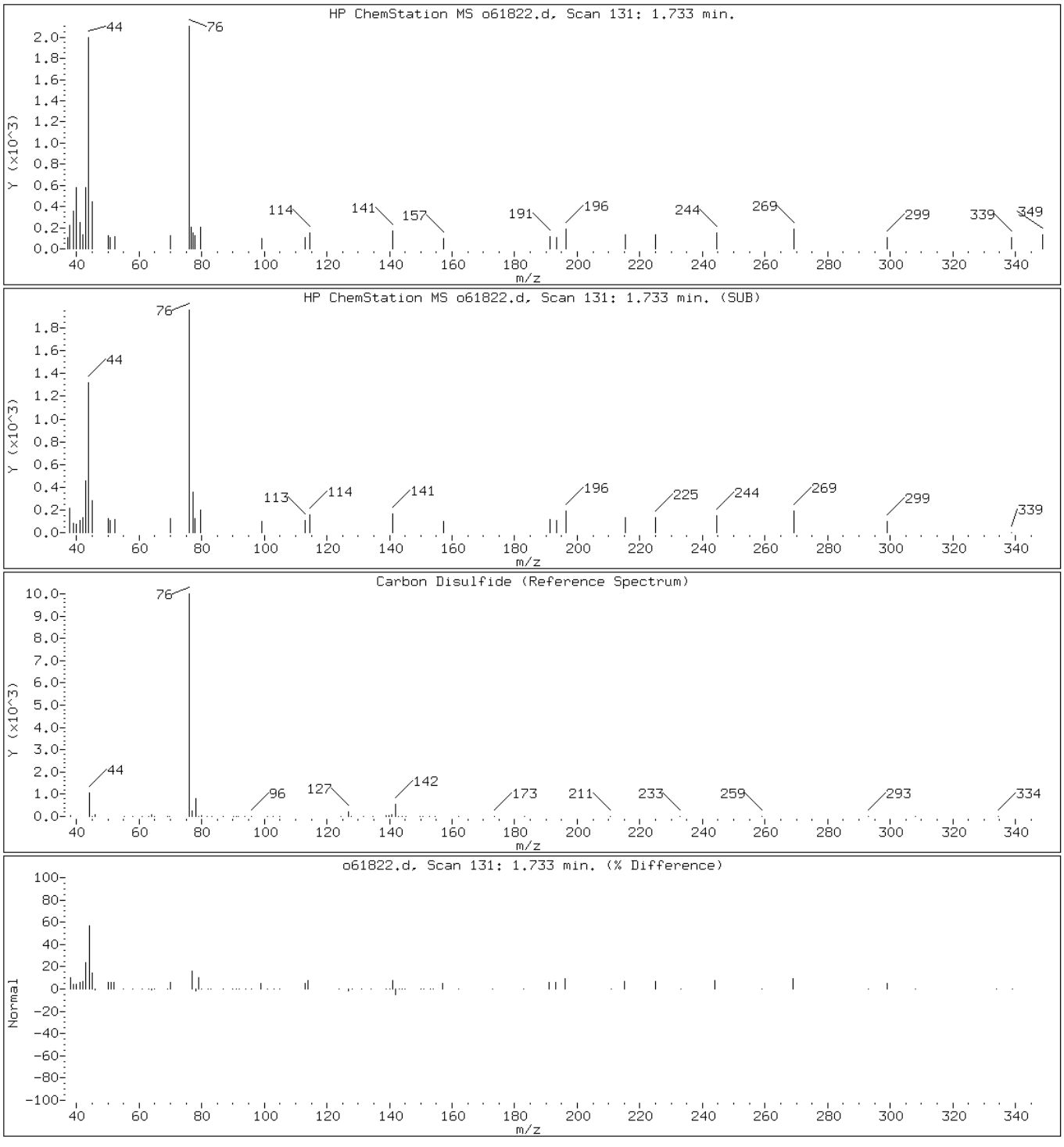
Data File: o61822.d

Date: 03-JUL-2012 00:18

Client ID: F-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-20-A;;;5.34;5 Operator: VOAMS 9

8 Carbon Disulfide



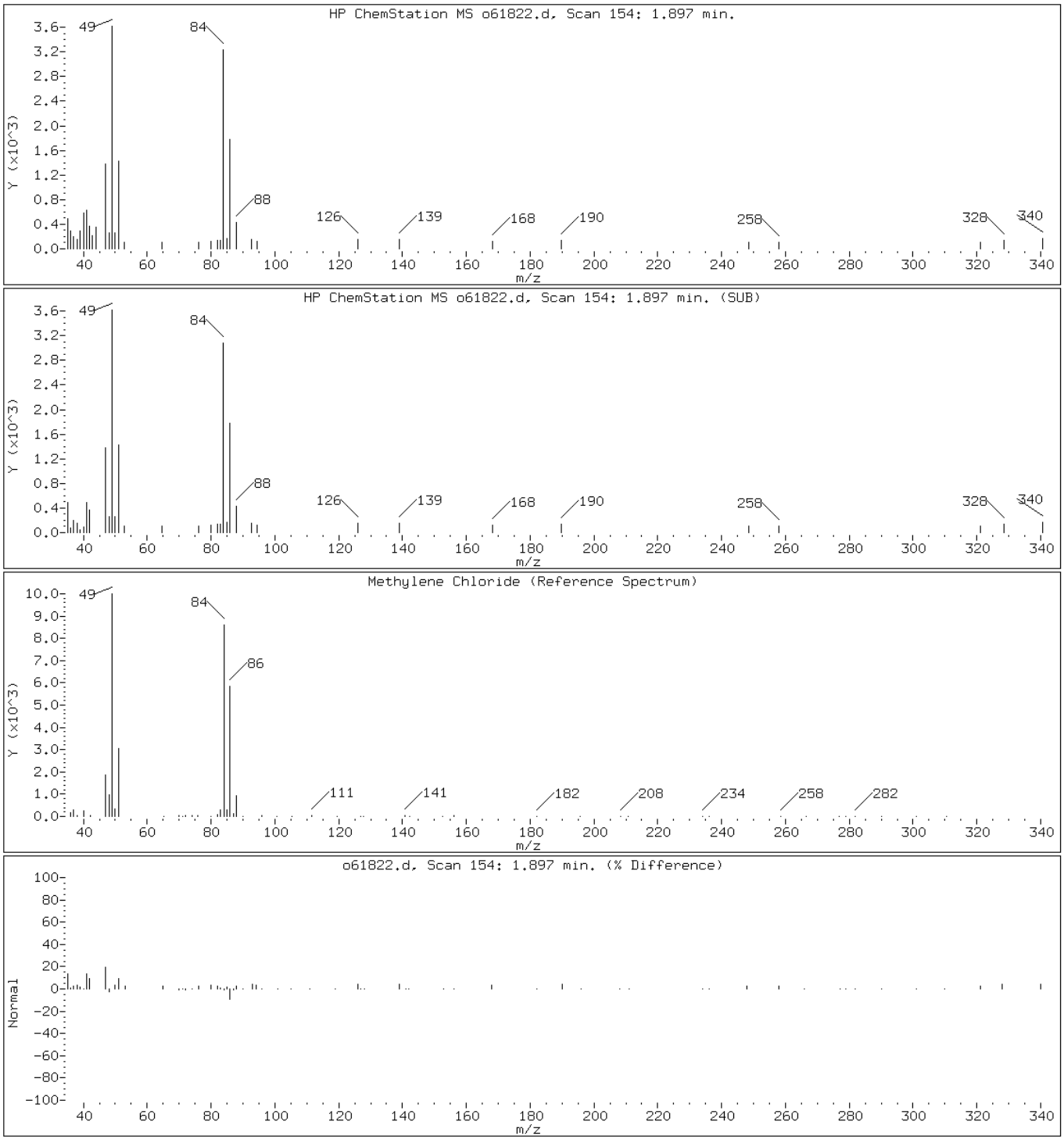
Data File: o61822.d

Date: 03-JUL-2012 00:18

Client ID: F-26 Instrument: VOAMS12.i

Sample Info: 460-41730-B-20-A;;;5.34;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: o61823.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:55

Sample wt/vol: 3.90(g) | Date Analyzed: 07/03/2012 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.19	U	1.5	0.19
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.5	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.5	0.20
75-34-3	1,1-Dichloroethane	0.16	U	1.5	0.16
75-35-4	1,1-Dichloroethene	0.28	U	1.5	0.28
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.5	0.23
120-82-1	1,2,4-Trichlorobenzene	0.28	U	1.5	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.64	U	1.5	0.64
106-93-4	1,2-Dibromoethane	0.22	U	1.5	0.22
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15
107-06-2	1,2-Dichloroethane	0.26	U	1.5	0.26
78-87-5	1,2-Dichloropropane	0.22	U	1.5	0.22
541-73-1	1,3-Dichlorobenzene	0.23	U	1.5	0.23
106-46-7	1,4-Dichlorobenzene	0.16	U	1.5	0.16
123-91-1	1,4-Dioxane	18	U	73	18
78-93-3	2-Butanone	0.91	U	15	0.91
591-78-6	2-Hexanone	0.19	U	15	0.19
108-10-1	4-Methyl-2-pentanone	0.29	U	15	0.29
67-64-1	Acetone	2.5	U	15	2.5
71-43-2	Benzene	0.22	U	1.5	0.22
74-97-5	Bromochloromethane	0.16	U *	1.5	0.16
75-27-4	Bromodichloromethane	0.46	U	1.5	0.46
75-25-2	Bromoform	0.25	U	1.5	0.25
74-83-9	Bromomethane	0.62	U	1.5	0.62
75-15-0	Carbon disulfide	0.22	U	1.5	0.22
56-23-5	Carbon tetrachloride	0.22	U	1.5	0.22
108-90-7	Chlorobenzene	0.26	U	1.5	0.26
75-00-3	Chloroethane	0.48	U	1.5	0.48
67-66-3	Chloroform	0.35	U	1.5	0.35
74-87-3	Chloromethane	0.23	U	1.5	0.23
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.5	0.16
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.5	0.20
110-82-7	Cyclohexane	0.19	U	1.5	0.19
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
75-71-8	Dichlorodifluoromethane	0.32	U	1.5	0.32
100-41-4	Ethylbenzene	0.25	U	1.5	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: o61823.d

Analysis Method: 8260B | Date Collected: 06/26/2012 13:55

Sample wt/vol: 3.90(g) | Date Analyzed: 07/03/2012 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.16	U	1.5	0.16
98-82-8	Isopropylbenzene	0.16	U	1.5	0.16
79-20-9	Methyl acetate	0.46	U	1.5	0.46
108-87-2	Methylcyclohexane	0.15	U	1.5	0.15
75-09-2	Methylene Chloride	1.5	B	1.5	0.22
1634-04-4	MTBE	0.16	U	1.5	0.16
100-42-5	Styrene	0.41	U	1.5	0.41
127-18-4	Tetrachloroethene	0.17	U	1.5	0.17
108-88-3	Toluene	0.20	U	1.5	0.20
156-60-5	trans-1,2-Dichloroethene	0.19	U	1.5	0.19
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
79-01-6	Trichloroethene	0.17	U	1.5	0.17
75-69-4	Trichlorofluoromethane	0.23	U	1.5	0.23
75-01-4	Vinyl chloride	0.49	U	1.5	0.49
1330-20-7	Xylenes, Total	0.97	U	4.4	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 Lab Sample ID: 460-41730-21

Matrix: Solid Lab File ID: o61823.d

Analysis Method: 8260B Date Collected: 06/26/2012 13:55

Sample wt/vol: 3.90(g) Date Analyzed: 07/03/2012 00:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61823.d
Report Date: 03-Jul-2012 13:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61823.d
Lab Smp Id: 460-41730-B-21-A Client Smp ID: F-27
Inj Date : 03-JUL-2012 00:43
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-21-A;;;3.90;5
Misc Info : 460-41730-B-21-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.90000	Weight of sample extracted (g)
M	11.67608	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	4519	0.99978	1.4(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	185748	52.3829	76
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	716883	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	611898	47.3754	69
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	586417	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	241856	49.2682	72
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	361064	50.0000	

QC Flag Legend

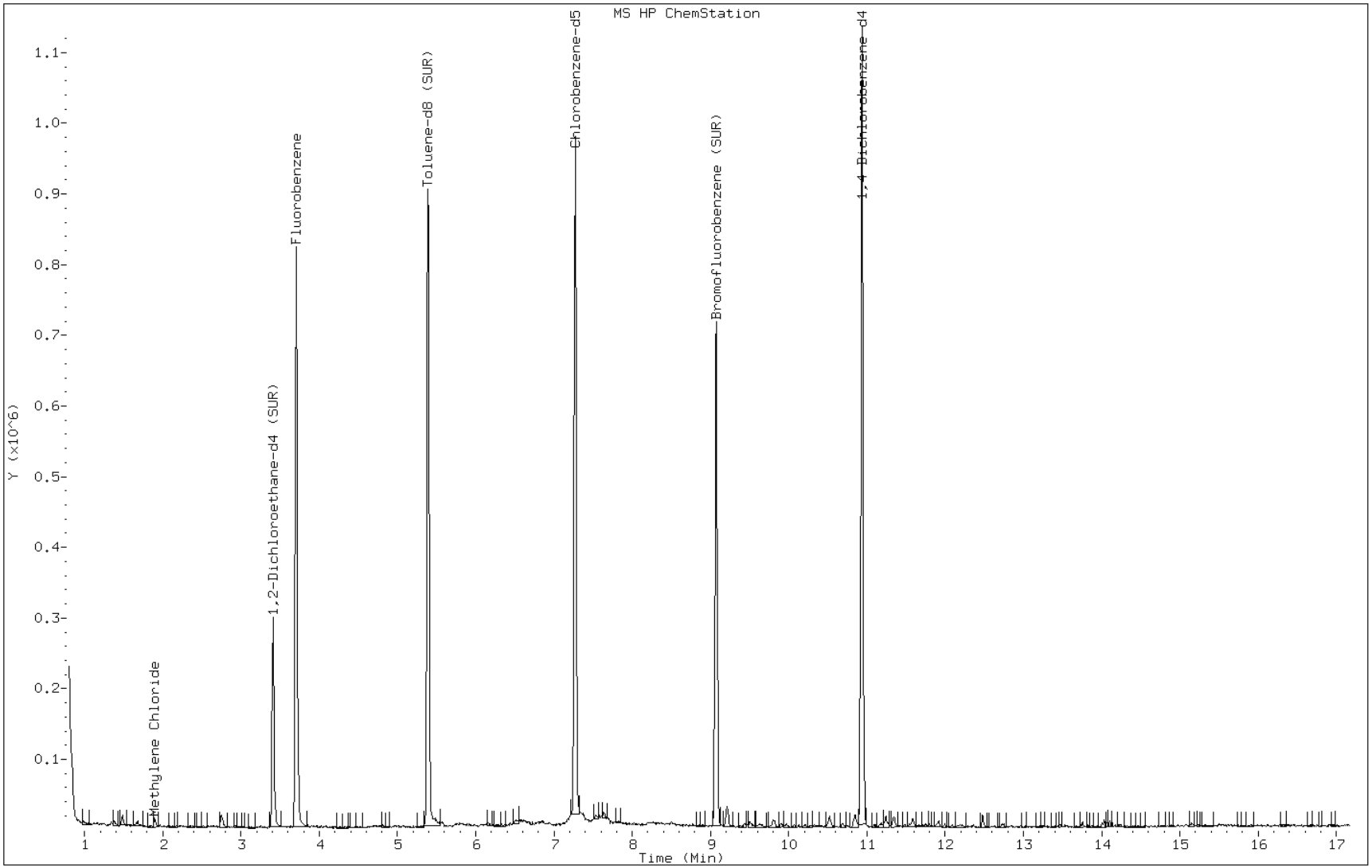
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61823.d

Date: 03-JUL-2012 00:43

Client ID: F-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-21-A;;;3.90;5 Operator: VOAMS 9



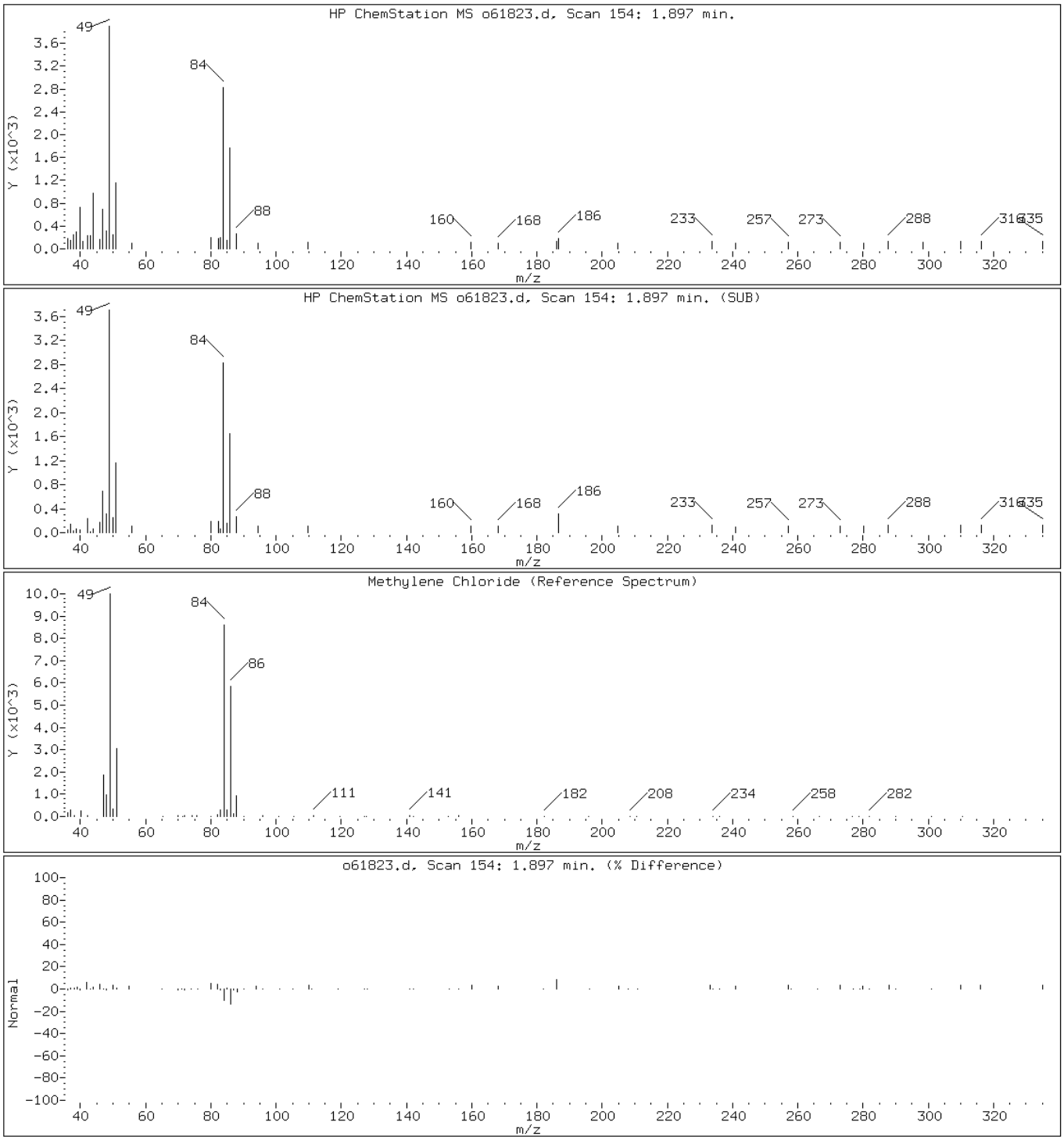
Data File: o61823.d

Date: 03-JUL-2012 00:43

Client ID: F-27 Instrument: VOAMS12.i

Sample Info: 460-41730-B-21-A;;;3.90;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: o61824.d

Analysis Method: 8260B | Date Collected: 06/26/2012 14:20

Sample wt/vol: 5.03(g) | Date Analyzed: 07/03/2012 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.1	0.49
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
123-91-1	1,4-Dioxane	14	U	55	14
78-93-3	2-Butanone	0.70	U	11	0.70
591-78-6	2-Hexanone	0.14	U	11	0.14
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
67-64-1	Acetone	1.9	U	11	1.9
71-43-2	Benzene	0.17	U	1.1	0.17
74-97-5	Bromochloromethane	0.12	U *	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36
75-25-2	Bromoform	0.19	U	1.1	0.19
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
75-00-3	Chloroethane	0.37	U	1.1	0.37
67-66-3	Chloroform	0.27	U	1.1	0.27
74-87-3	Chloromethane	0.18	U	1.1	0.18
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.14	U	1.1	0.14
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
100-41-4	Ethylbenzene	0.19	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: o61824.d

Analysis Method: 8260B | Date Collected: 06/26/2012 14:20

Sample wt/vol: 5.03(g) | Date Analyzed: 07/03/2012 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.12	U	1.1	0.12
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
75-09-2	Methylene Chloride	1.1	B	1.1	0.17
1634-04-4	MTBE	0.12	U	1.1	0.12
100-42-5	Styrene	0.31	U	1.1	0.31
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
79-01-6	Trichloroethene	0.13	U	1.1	0.13
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
1330-20-7	Xylenes, Total	0.74	U	3.3	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 Lab Sample ID: 460-41730-22

Matrix: Solid Lab File ID: o61824.d

Analysis Method: 8260B Date Collected: 06/26/2012 14:20

Sample wt/vol: 5.03(g) Date Analyzed: 07/03/2012 01:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.4 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61824.d
Report Date: 03-Jul-2012 13:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61824.d
Lab Smp Id: 460-41730-B-22-A Client Smp ID: F-28
Inj Date : 03-JUL-2012 01:08
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-22-A;;;5.03;5
Misc Info : 460-41730-B-22-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.03000	Weight of sample extracted (g)
M	10.42048	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.512)	4529	0.97901	1.1(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	196599	54.1713	60
* 69 Fluorobenzene	96	3.702	3.702	(1.000)	733711	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	627691	47.9150	53
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	594777	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	251911	50.9291	56
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	363810	50.0000	

QC Flag Legend

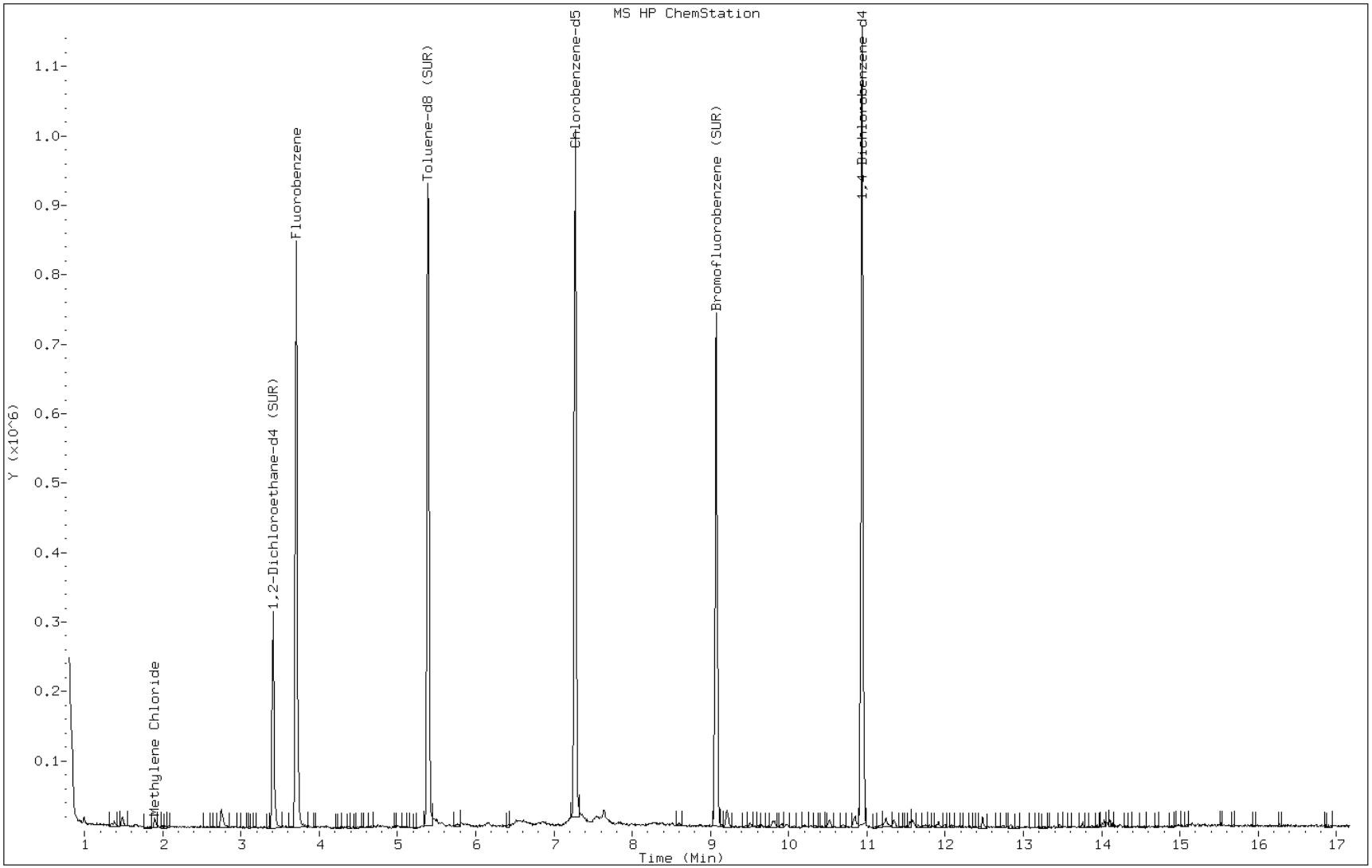
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61824.d

Date: 03-JUL-2012 01:08

Client ID: F-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-22-A;;;5.03;5 Operator: VOAMS 9



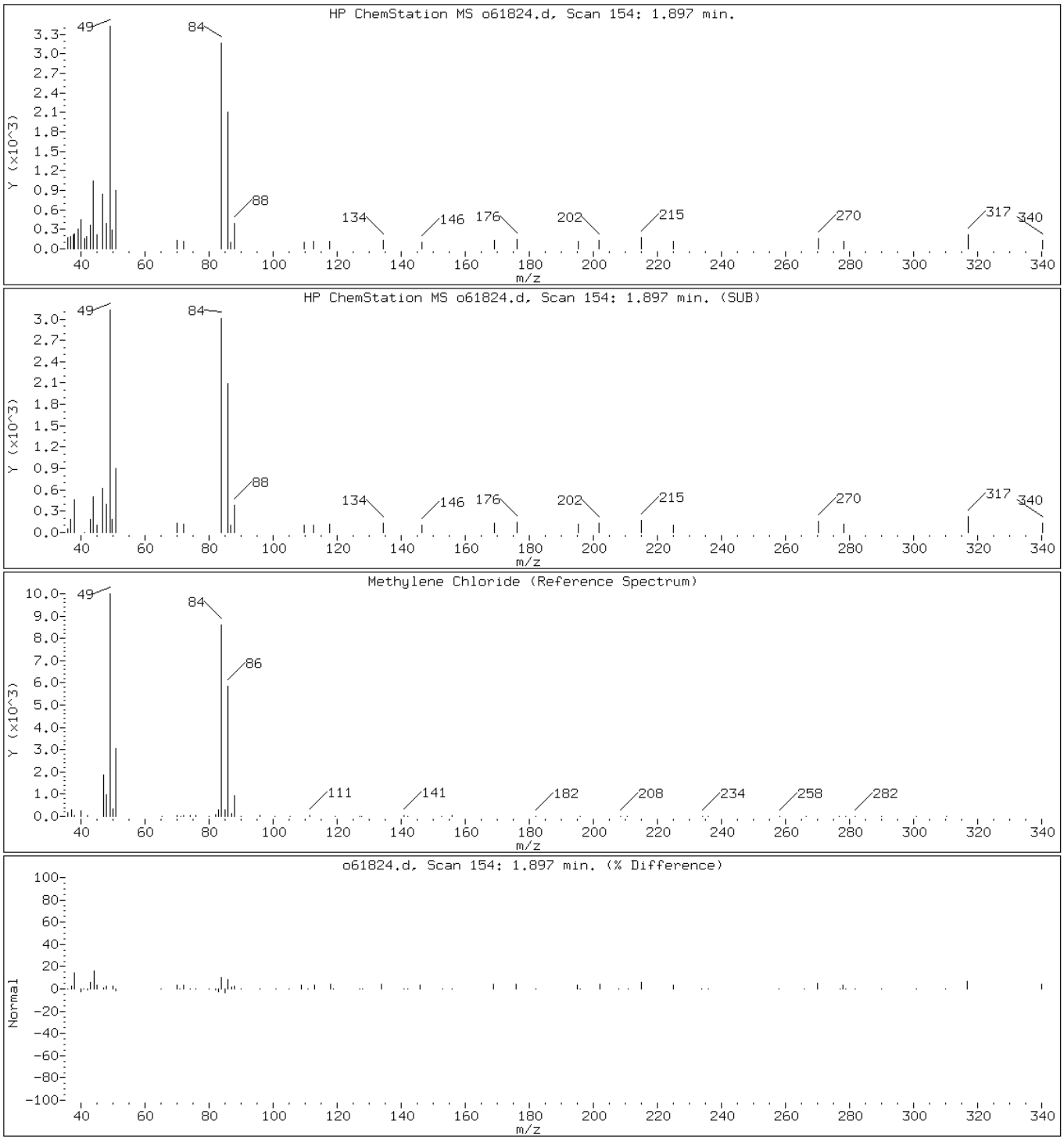
Data File: o61824.d

Date: 03-JUL-2012 01:08

Client ID: F-28 Instrument: VOAMS12.i

Sample Info: 460-41730-B-22-A;;;5.03;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: o61825.d

Analysis Method: 8260B | Date Collected: 06/26/2012 00:00

Sample wt/vol: 4.41(g) | Date Analyzed: 07/03/2012 01:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.16	U	1.3	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.3	0.11
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.3	0.20
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.3	0.24
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.3	0.55
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
541-73-1	1,3-Dichlorobenzene	0.20	U	1.3	0.20
106-46-7	1,4-Dichlorobenzene	0.14	U	1.3	0.14
123-91-1	1,4-Dioxane	16	U	63	16
78-93-3	2-Butanone	0.79	U	13	0.79
591-78-6	2-Hexanone	0.16	U	13	0.16
108-10-1	4-Methyl-2-pentanone	0.25	U	13	0.25
67-64-1	Acetone	2.1	U	13	2.1
71-43-2	Benzene	0.19	U	1.3	0.19
74-97-5	Bromochloromethane	0.14	U *	1.3	0.14
75-27-4	Bromodichloromethane	0.40	U	1.3	0.40
75-25-2	Bromoform	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.54	U	1.3	0.54
75-15-0	Carbon disulfide	0.19	U	1.3	0.19
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
75-00-3	Chloroethane	0.42	U	1.3	0.42
67-66-3	Chloroform	0.30	U	1.3	0.30
74-87-3	Chloromethane	0.20	U	1.3	0.20
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
110-82-7	Cyclohexane	0.16	U	1.3	0.16
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
100-41-4	Ethylbenzene	0.21	U	1.3	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: o61825.d

Analysis Method: 8260B | Date Collected: 06/26/2012 00:00

Sample wt/vol: 4.41(g) | Date Analyzed: 07/03/2012 01:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.14	U	1.3	0.14
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.40	U	1.3	0.40
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
75-09-2	Methylene Chloride	1.4	B	1.3	0.19
1634-04-4	MTBE	0.14	U	1.3	0.14
100-42-5	Styrene	0.35	U	1.3	0.35
127-18-4	Tetrachloroethene	0.15	U	1.3	0.15
108-88-3	Toluene	0.18	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.3	0.16
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
79-01-6	Trichloroethene	0.15	U	1.3	0.15
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
1330-20-7	Xylenes, Total	0.84	U	3.8	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J Lab Sample ID: 460-41730-23

Matrix: Solid Lab File ID: o61825.d

Analysis Method: 8260B Date Collected: 06/26/2012 00:00

Sample wt/vol: 4.41(g) Date Analyzed: 07/03/2012 01:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61825.d
Report Date: 03-Jul-2012 13:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61825.d
Lab Smp Id: 460-41730-B-23-A Client Smp ID: FD-J
Inj Date : 03-JUL-2012 01:33
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-23-A;;;4.41;5
Misc Info : 460-41730-B-23-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.41000	Weight of sample extracted (g)
M	10.09346	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

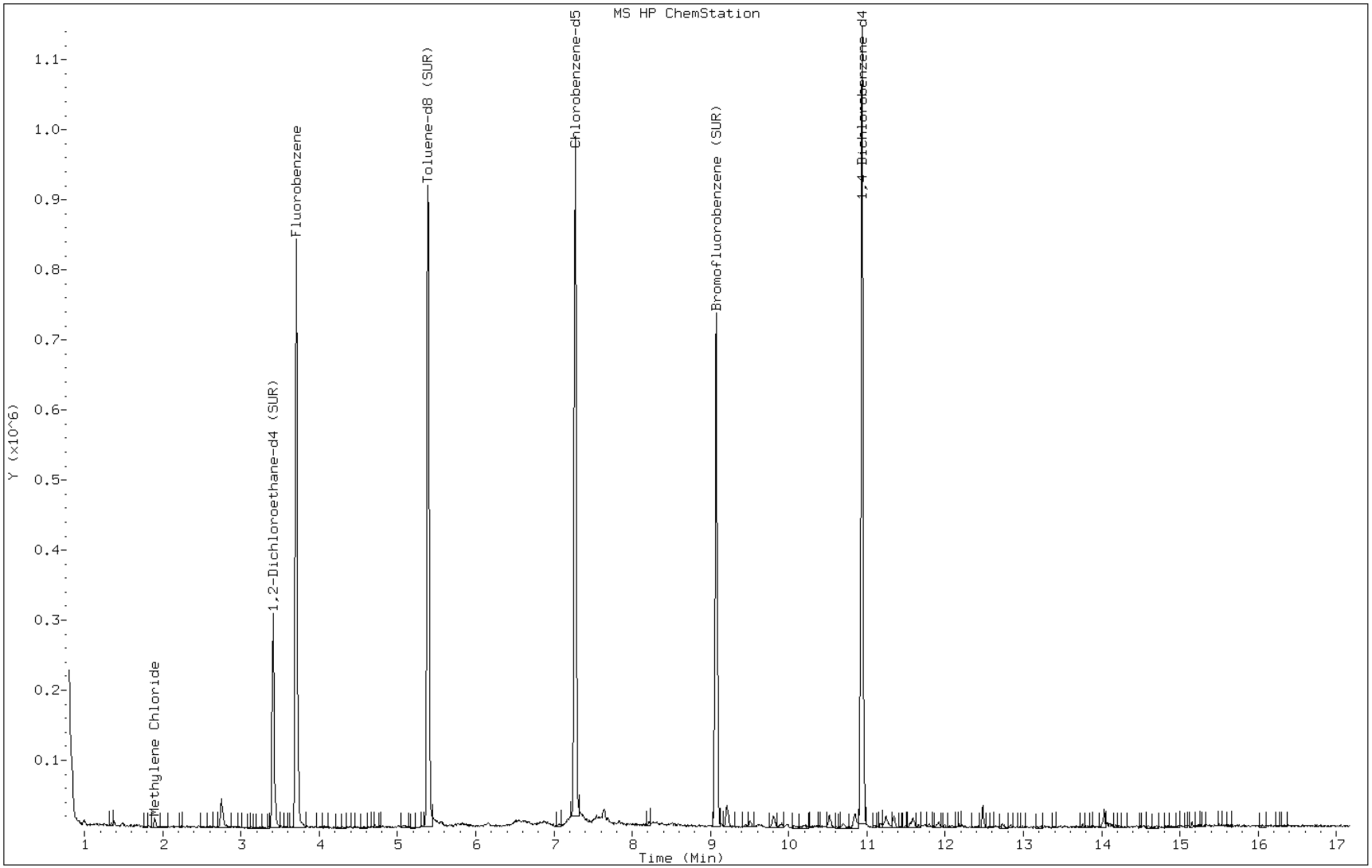
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	5048	1.09601	1.4
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	192982	53.4090	67
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	730492	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	628226	48.2771	61
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	590819	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	247995	50.2446	63
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	363034	50.0000	

Data File: o61825.d

Date: 03-JUL-2012 01:33

Client ID: FD-J Instrument: VOAMS12.i

Sample Info: 460-41730-B-23-A;;;4.41;5 Operator: VOAMS 9



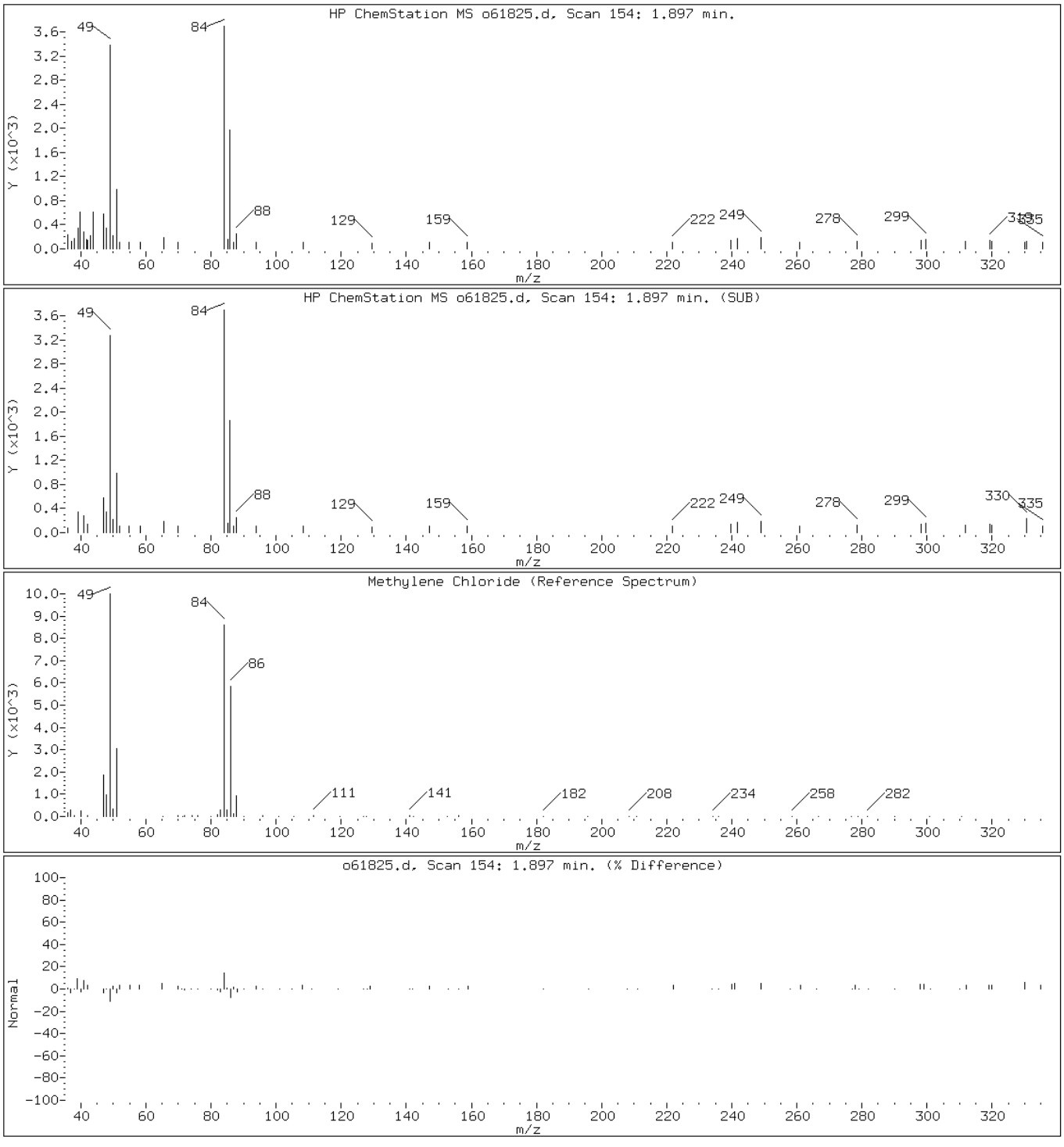
Data File: o61825.d

Date: 03-JUL-2012 01:33

Client ID: FD-J Instrument: VOAMS12.i

Sample Info: 460-41730-B-23-A;;;4.41;5 Operator: VOAMS 9

6 Methylene Chloride



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117082/7	o61398.d
Level 2	IC 460-117082/2	o61389.d
Level 3	ICIS 460-117082/3	o61390.d
Level 4	IC 460-117082/4	o61391.d
Level 5	IC 460-117082/5	o61392.d
Level 6	IC 460-117082/6	o61393.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	0.5320 0.4080	0.5107	0.4976	0.4738	0.4220	Ave		0.4740				10.5		15.0			
Chloromethane	0.7156 0.4634	0.6486	0.5584	0.5377	0.4873	LinF		0.4677							0.9991		0.9900
Vinyl chloride	0.5626 0.4456	0.5811	0.5224	0.5142	0.4754	Ave		0.5169				9.9		30.0			
Bromomethane	0.4587 0.2749	0.3436	0.2863	0.2761	0.2738	LinF		0.2748							1.0000		0.9900
Chloroethane	0.3389 0.2573	0.2968	0.2861	0.2852	0.2681	Ave		0.2887				9.8		15.0			
Dichlorofluoromethane	0.8591 0.7062	0.9055	0.7472	0.7581	0.7085	Ave		0.7808				10.6		15.0			
Trichlorofluoromethane	0.8777 0.6295	0.8202	0.7153	0.6845	0.6428	Ave		0.7283				13.7		15.0			
Ethanol	0.0020 0.0020	0.0024	0.0018	0.0019	0.0017	Ave		0.0020				12.4		15.0			
Ethyl ether	0.3024 0.2527	0.2945	0.2760	0.2724	0.2623	Ave		0.2767				6.8		15.0			
Isopropene	0.5269 0.4856	0.4735	0.5170	0.5135	0.5083	Ave		0.5042				4.0		15.0			
Acrolein	0.0525 0.0420	0.0546	0.0457	0.0443	0.0406	Ave		0.0466				12.3		15.0			
1,1-Dichloroethene	0.3716 0.2840	0.3314	0.2910	0.2849	0.2728	Ave		0.3060				12.4		30.0			
Freon TF	0.3760 0.3361	0.3906	0.3709	0.3582	0.3483	Ave		0.3633				5.4		15.0			
Acetone	0.1522 0.0855	0.1311	0.1055	0.0959	0.0831	LinF		0.0855							0.9997		0.9900
Iodomethane	0.4255 0.4023	0.4486	0.4349	0.4553	0.4200	Ave		0.4311				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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								
Carbon disulfide	1.2678 1.0075	1.0990	1.0571	1.0687	1.0159	Ave		1.0860				8.8		15.0			
Acetonitrile	0.0733 0.0395	0.0590	0.0479	0.0444	0.0395	LinF		0.0396							0.9997		0.9900
Methyl acetate	0.0726 0.0518	0.0684	0.0532	0.0513	0.0505	LinF		0.0516							0.9999		0.9900
Methylene Chloride	0.7713 0.3150	0.5565	0.3792	0.3510	0.3131	LinF		0.3153							0.9997		0.9900
TBA	0.0432 0.0339	0.0378	0.0334	0.0317	0.0299	Ave		0.0350				13.8		15.0			
trans-1,2-Dichloroethene	0.4159 0.3371	0.3758	0.3567	0.3465	0.3277	Ave		0.3600				8.9		15.0			
Acrylonitrile	0.1407 +++++	0.1387	0.1124	0.1098	0.1072	Ave		0.1218				13.5		15.0			
MTBE	0.8611 0.9019	0.8770	0.8543	0.8816	0.8986	Ave		0.8791				2.2		15.0			
Hexane	0.3572 0.3155	0.2758	0.3311	0.3493	0.3226	Ave		0.3253				8.9		15.0			
1,1-Dichloroethane	0.8531 0.6484	0.8199	0.6955	0.6971	0.6428	Ave		0.7261			0.1000	12.3		15.0			
Vinyl acetate	1.1673 1.1089	1.0497	1.0649	1.1094	1.1311	Ave		1.1052				3.9		15.0			
DIPE	1.0145 1.2424	1.1062	1.1474	1.2213	1.2592	Ave		1.1652				8.1		15.0			
Tert-butyl ethyl ether	0.8802 1.0474	0.9071	0.9794	1.0143	1.0461	Ave		0.9791				7.3		15.0			
2,2-Dichloropropane	0.8049 0.5790	0.6630	0.5883	0.5847	0.5623	Ave		0.6304				14.6		15.0			
cis-1,2-Dichloroethene	0.4781 0.3758	0.4558	0.3867	0.3814	0.3618	Ave		0.4066				11.8		15.0			
2-Butanone	0.0378 0.0323	0.0397	0.0344	0.0339	0.0341	Ave		0.0354				7.9		15.0			
Ethyl acetate	0.0214 0.0270	0.0287	0.0261	0.0262	0.0264	Ave		0.0260				9.4		15.0			
Bromochloromethane	0.2123 0.1469	0.1854	0.1518	0.1548	0.1430	LinF		0.1465							0.9998		0.9900
Tetrahydrofuran	0.3094 0.0963	0.1706	0.1189	0.1091	0.0946	LinF		0.0962							0.9995		0.9900
Chloroform	0.7945 0.6057	0.7340	0.6249	0.6350	0.5951	Ave		0.6649				12.1		30.0			

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 Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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								
1,1,1-Trichloroethane	0.5927 0.5664	0.5933	0.5667	0.5734	0.5513	Ave		0.5740				2.9		15.0			
Cyclohexane	0.7943 0.7031	0.7754	0.7980	0.7513	0.7156	Ave		0.7563				5.3		15.0			
Carbon tetrachloride	0.4291 0.4835	0.4163	0.4226	0.4571	0.4541	Ave		0.4438				5.8		15.0			
1,1-Dichloropropene	0.5208 0.5714	0.5276	0.5406	0.5675	0.5561	Ave		0.5473				3.8		15.0			
Benzene	1.4313 1.4055	1.4205	1.3829	1.4203	1.3896	Ave		1.4084				1.4		15.0			
1,2-Dichloroethane	0.5490 0.4255	0.5115	0.4355	0.4322	0.4134	Ave		0.4612				12.0		15.0			
Isopropyl acetate	0.5102 0.7141	0.5501	0.6081	0.6454	0.6928	Ave		0.6201				12.9		15.0			
Tert-amyl methyl ether	0.6739 0.8645	0.6699	0.7270	0.7660	0.8219	Ave		0.7539				10.5		15.0			
Trichloroethene	0.3405 0.3612	0.3187	0.3426	0.3559	0.3519	Ave		0.3451				4.4		15.0			
n-Butanol	0.0052 0.0059	0.0053	0.0046	0.0049	0.0048	Ave		0.0051				9.4		15.0			
Ethyl acrylate	0.0139 0.0157	0.0151	0.0147	0.0145	0.0149	Ave		0.0148				4.1		15.0			
Methylcyclohexane	0.6036 0.6854	0.6237	0.6708	0.6727	0.6788	Ave		0.6558				5.1		15.0			
1,2-Dichloropropane	0.3616 0.3517	0.3585	0.3436	0.3567	0.3483	Ave		0.3534				1.9		30.0			
Dibromomethane	0.2249 0.1729	0.2015	0.1739	0.1755	0.1671	Ave		0.1860				12.1		15.0			
Methyl methacrylate	0.1904 0.1805	0.1599	0.1694	0.1725	0.1748	Ave		0.1746				5.9		15.0			
1,4-Dioxane	0.0047 0.0034	0.0046	0.0037	0.0038	0.0034	Ave		0.0039				14.5		15.0			
Propyl acetate	0.3129 0.4210	0.3472	0.3721	0.3923	0.4099	Ave		0.3759				10.8		15.0			
Bromodichloromethane	0.3856 0.4443	0.4142	0.4022	0.4283	0.4326	Ave		0.4179				5.2		15.0			
2-Chloroethyl vinyl ether	0.1666 0.1667	0.1466	0.1509	0.1580	0.1645	Ave		0.1589				5.4		15.0			
Epichlorohydrin	0.0350 0.0297	0.0310	0.0294	0.0303	0.0288	Ave		0.0307				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 Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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								
cis-1,3-Dichloropropene	0.4518 0.5415	0.4130	0.4663	0.5162	0.5281	Ave		0.4861				10.3		15.0			
4-Methyl-2-pentanone	0.2398 0.2693	0.2600	0.2513	0.2536	0.2663	Ave		0.2567				4.2		15.0			
Toluene	2.4580 2.0991	2.2131	2.1399	2.1132	2.0692	Ave		2.1821				6.6		30.0			
trans-1,3-Dichloropropene	0.4439 0.7165	0.4437	0.5495	0.6441	0.7017	QuaF		1.4631	-0.010						0.9999		0.9900
1,1,2-Trichloroethane	0.3009 0.3217	0.2754	0.2845	0.3170	0.3178	Ave		0.3029				6.4		15.0			
Tetrachloroethene	0.5057 0.5304	0.4833	0.4899	0.4994	0.5064	Ave		0.5025				3.3		15.0			
1,3-Dichloropropane	0.6484 0.6961	0.6529	0.6603	0.6916	0.6888	Ave		0.6730				3.2		15.0			
2-Hexanone	0.2672 0.2880	0.2704	0.2797	0.2781	0.2824	Ave		0.2777				2.8		15.0			
Dibromochloromethane	0.3329 0.4522	0.2857	0.3367	0.3956	0.4343	QuaF		2.3891	-0.039						0.9999		0.9900
Butyl acetate	0.7095 0.6766	0.6018	0.6347	0.6472	0.6410	Ave		0.6518				5.7		15.0			
1,2-Dibromoethane	0.3141 0.3702	0.3110	0.3394	0.3604	0.3623	Ave		0.3429				7.5		15.0			
Chlorobenzene	1.3983 1.3174	1.2987	1.2527	1.2819	1.2476	Ave		1.2994			0.3000	4.3		15.0			
1,1,1,2-Tetrachloroethane	0.2964 0.4811	0.3151	0.3649	0.4001	0.4477	QuaF		2.3527	-0.057						0.9999		0.9900
Ethylbenzene	0.7225 0.7567	0.6844	0.7151	0.7216	0.6990	Ave		0.7166				3.4		30.0			
m&p-Xylene	1.0058 0.9524	0.9256	0.8847	0.8783	0.8630	Ave		0.9183				5.9		15.0			
o-Xylene	0.9420 0.8907	0.8745	0.8393	0.8649	0.8162	Ave		0.8713				5.0		15.0			
Styrene	1.5787 1.5411	1.5132	1.4479	1.4576	1.4111	Ave		1.4916				4.2		15.0			
Butyl acrylate	1.5813 1.6097	1.3508	1.5123	1.5109	1.5155	Ave		1.5134				5.9		15.0			
Bromoform	0.1878 0.2785	0.1533	0.1824	0.2153	0.2450	QuaF		4.3966	-0.290		0.1000				0.9999		0.9900
Amly acetate	0.5569 0.4769	0.4417	0.4497	0.4599	0.4423	Ave		0.4712				9.3		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 Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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								
Isopropylbenzene	2.4618 2.4429	2.4781	2.4019	2.4227	2.3577	Ave		2.4275				1.8		15.0			
Camphene, Total	0.5490 0.5403	0.4833	0.5192	0.5142	0.5343	Ave		0.5234				4.5		15.0			
Monobromobenzene	1.0870 1.0394	0.9848	0.9591	0.9648	0.9600	Ave		0.9992				5.3		15.0			
1,1,2,2-Tetrachloroethane	0.8364 0.9762	0.7727	0.8347	0.8842	0.9233	Ave		0.8712			0.3000	8.3		15.0			
1,2,3-Trichloropropane	0.2609 0.2765	0.2383	0.2332	0.2438	0.2600	Ave		0.2521				6.5		15.0			
trans-1,4-Dichloro-2-butene	0.0963 0.1078	0.0950	0.0922	0.0976	0.0993	Ave		0.0980				5.4		15.0			
N-Propylbenzene	5.3771 5.6376	5.6524	5.6217	5.6583	5.7430	Ave		5.6150				2.2		15.0			
2-Chlorotoluene	3.1017 3.3823	3.1942	3.1290	3.0716	3.1611	Ave		3.1733				3.5		15.0			
4-Chlorotoluene	3.5159 3.5032	3.2404	3.2139	3.2060	3.2669	Ave		3.3244				4.4		15.0			
1,3,5-Trimethylbenzene	3.6485 4.0611	3.7516	3.6880	3.7452	3.7634	Ave		3.7763				3.9		15.0			
Butyl Methacrylate	1.2962 1.4355	1.1432	1.2590	1.3586	1.3767	Ave		1.3115				7.9		15.0			
tert-Butylbenzene	3.3614 3.6638	3.2871	3.2951	3.3370	3.4176	Ave		3.3937				4.1		15.0			
1,2,4-Trimethylbenzene	3.7018 4.0677	3.7662	3.7441	3.7809	3.8336	Ave		3.8157				3.4		15.0			
sec-Butylbenzene	5.1897 5.3659	5.1408	5.1737	5.2801	5.3716	Ave		5.2537				1.9		15.0			
1,3-Dichlorobenzene	2.2916 2.0943	2.0431	1.9524	1.9425	1.9851	Ave		2.0515				6.4		15.0			
1,4-Dichlorobenzene	2.3568 2.1390	2.0355	1.9542	1.9266	1.9970	Ave		2.0682				7.7		15.0			
4-Isopropyltoluene	4.0917 4.5728	4.2656	4.2696	4.2618	4.3791	Ave		4.3068				3.7		15.0			
Benzyl chloride	1.0127 1.8832	0.9556	1.2330	1.4624	1.8033	QuaF		0.5828	-0.003						0.9997		0.9900
1,2-Dichlorobenzene	2.0865 1.9281	1.9075	1.8434	1.8428	1.8596	Ave		1.9113				4.9		15.0			
n-Butylbenzene	4.3324 4.0719	4.3451	4.5049	4.4646	4.5132	Ave		4.3720				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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-Dibromo-3-Chloropropane	0.2247 0.1888	0.1647	0.1551	0.1703	0.1802	Ave		0.1806				13.6		15.0			
Camphor	0.1061 0.1028	0.1005	0.0983	0.1057	0.1042	Ave		0.1029				3.0		15.0			
1,2,4-Trichlorobenzene	1.8064 1.5231	1.5392	1.4479	1.4688	1.4711	Ave		1.5427				8.7		15.0			
Hexachlorobutadiene	1.0886 0.9638	0.8632	0.8863	0.9089	0.9133	Ave		0.9373				8.7		15.0			
Naphthalene	4.2644 2.8640	3.2866	3.2251	3.2688	3.1444	Ave		3.3422				14.3		15.0			
1,2,3-Trichlorobenzene	1.7792 1.3842	1.3709	1.3545	1.3617	1.3343	Ave		1.4308				12.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2618 0.2265	0.2742	0.2481	0.2415	0.2317	Ave		0.2473				7.3		15.0			
Toluene-d8 (Surr)	1.0249 1.0867	1.1136	1.1256	1.1260	1.1308	Ave		1.1013				3.7		15.0			
Bromofluorobenzene	0.6357 0.7176	0.6791	0.6718	0.6730	0.7016	Ave		0.6798				4.1		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 Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117082/7	o61398.d
Level 2	IC 460-117082/2	o61389.d
Level 3	ICIS 460-117082/3	o61390.d
Level 4	IC 460-117082/4	o61391.d
Level 5	IC 460-117082/5	o61392.d
Level 6	IC 460-117082/6	o61393.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	8331 4744795	45609	208831	516578	1915009	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	LinF	11206 5389689	57929	234320	586266	2211159	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8809 5181569	51895	219213	560592	2157171	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	7182 3197316	30684	120149	301007	1242406	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5307 2992754	26509	120048	310901	1216520	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	13452 8212709	80875	313543	826464	3215102	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13744 7320366	73256	300182	746239	2917184	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	31838 282283	86999	115969	164378	195983	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4735 2939045	26304	115808	296947	1190333	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8251 5647584	42291	216954	559868	2306790	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	82278 585515	195020	287483	385952	460720	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5818 3303332	29600	122124	310628	1238148	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5887 3909072	34883	155623	390556	1580727	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	23834 1989515	35132	44278	104584	376988	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6663 4678990	40063	182502	496420	1905963	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	19852 11717315	98152	443613	1165181	4610021	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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
Acetonitrile	FB	LinF	22956 9187958	105440	401679	968082	3587112	20.0 10000	100	400	1000	4000
Methyl acetate	FB	LinF	1137 601990	6108	22318	55896	229295	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	LinF	12077 3663637	49706	159140	382646	1420839	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	13525 7880939	67566	280254	690170	2712509	20.0 10000	100	400	1000	4000
trans-1,2-Dichloroethene	FB	Ave	6513 3920230	33567	149680	377743	1487186	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	110138 +++++	247802	353823	479036	608153	50.0 +++++	100	150	200	250
MTBE	FB	Ave	13484 10488609	78327	358490	961166	4077975	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	5593 3668639	24633	138949	380843	1464035	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	13358 7540078	73231	291860	759964	2916765	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	18278 12896432	93750	446851	1209533	5132738	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	15885 14448441	98799	481480	1331510	5714337	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	13783 12180298	81013	410999	1105851	4746899	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	12603 6733869	59216	246886	637454	2551698	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	7487 4370966	40709	162290	415819	1641661	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	5919 752244	10638	14430	36916	154688	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	670 628083	5135	21895	57193	239727	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	LinF	3325 1708290	16557	63682	168770	648782	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	4844 1119922	15235	49892	118957	429236	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	12440 7044021	65559	262216	692317	2700637	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	9281 6586502	52986	237808	625153	2501547	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	12438 8176247	69256	334872	819045	3247343	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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
Carbon tetrachloride	FB	Ave	6719 5622453	37179	177343	498385	2060658	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	8155 6644951	47122	226841	618716	2523458	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	22412 16345655	126868	580317	1548503	6305736	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8597 4948497	45685	182763	471206	1876173	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	15977 16609122	98256	510377	1407319	6288151	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	10553 10053311	59833	305090	835106	3729772	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5332 4200547	28461	143777	387966	1597094	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	40921 412750	94299	143463	214399	270339	500 3000	1000	1500	2000	2500
Ethyl acrylate	FB	Ave	217 182272	1353	6166	15842	67437	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	9452 7970538	55701	281494	733404	3080532	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5662 4090343	32018	144166	388857	1580351	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3522 2010197	18000	72989	191309	758457	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2982 2098654	14281	71076	188019	793202	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3689 160033	8210	11647	16660	19322	50.0 2000	100	150	200	250
Propyl acetate	FB	Ave	9799 9791268	62027	312289	855470	3720456	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	6038 5166514	36996	168761	466923	1963192	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2609 1939025	13093	63339	172226	746430	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	10962 6913543	55380	246327	660723	2616297	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	7074 6297822	36885	195667	562743	2396405	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	37549 6263619	69657	105466	276442	1208672	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	29506 16075450	146149	608225	1517102	6068123	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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
trans-1,3-Dichloropropene	CBZ	QuaF	5329 5487440	29298	156172	462395	2057901	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3612 2463382	18185	80857	227563	932045	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	6071 4062359	31914	139234	358492	1485121	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	7783 5330751	43114	187679	496486	2020030	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	32073 4411361	53578	79507	199665	828300	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	QuaF	3996 3462833	18867	95710	284035	1273572	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	17034 10362817	79479	360778	929213	3759716	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	3770 2835045	20535	96462	258757	1062345	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	16786 10088771	85764	356055	920317	3658739	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	QuaF	3558 3684049	20808	103715	287202	1312938	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8673 5795101	45197	203249	518032	2049997	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	24147 14587519	122243	502902	1261007	5061407	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	11308 6821347	57751	238557	620950	2393638	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18951 11802469	99931	411527	1046454	4138178	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	Ave	11274 6270454	50152	231624	577083	2249483	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	2254 2132696	10122	51839	154597	718545	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	6685 3651899	29168	127811	330173	1297106	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29552 18708656	163647	682687	1739282	6914071	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	3914 2104929	17943	79515	196388	793115	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	7750 4049080	36565	146900	368511	1424973	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5963 3802810	28687	127843	337720	1370472	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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-Trichloropropane	DCB	Ave	1860 1077261	8846	35715	93103	385893	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1508 1253376	8482	38708	106458	450697	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	38336 21961519	209863	861018	2161237	8524353	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	22114 13175848	118595	479238	1173236	4692097	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	25067 13646777	120309	492234	1224559	4849082	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	26012 15820256	139288	564843	1430523	5586108	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	9241 5592176	42446	192825	518939	2043390	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	23965 14272563	122044	504679	1274587	5072826	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26392 15845978	139832	573439	1444136	5690239	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	37000 20903059	190867	792404	2016780	7973217	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	16338 8158275	75857	299023	741944	2946522	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	16803 8332666	75574	299300	735890	2964228	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	29172 17813553	158373	653926	1627841	6500002	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	QuaF	7220 7336108	35480	188842	558583	2676740	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14876 7511141	70822	282331	703858	2760223	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	30888 15862028	161325	689964	1705289	6698990	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1602 735666	6114	23757	65060	267495	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	3783 2002408	18651	75310	201920	773135	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	12879 5933156	57147	221752	561028	2183517	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7761 3754508	32047	135738	347169	1355617	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	30403 11156724	122023	493950	1248547	4667349	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117082

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:31 Calibration End Date: 06/21/2012 23:37 Calibration ID: 16130

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-Trichlorobenzene	DCB	Ave	12685 5392287	50897	207448	520099	1980461	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	204994 263410	244901	260322	263305	262882	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	615151 832232	735411	799813	808349	829018	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	226605 279536	252146	257229	257048	260346	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 11-Jul-2012 12:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Lab Smp Id: IC-VMCAL2
Inj Date : 21-JUN-2012 19:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:31 Cal File: o61389.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				74276	10.0000	11
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	45609	5.00000	5.4
1 Chloromethane	50	0.980	0.980	(0.264)	57929	5.00000	6.9
4 Vinyl Chloride	62	1.009	1.009	(0.272)	51895	5.00000	5.6
3 Bromomethane	94	1.167	1.166	(0.314)	30684	5.00000	6.2
5 Chloroethane	64	1.210	1.217	(0.326)	26509	5.00000	5.1
9 Trichlorofluoromethane	101	1.338	1.338	(0.361)	73256	5.00000	5.6
127 Ethanol	46	1.467	1.474	(0.396)	86999	2000.00	2400
46 Ethyl Ether	59	1.496	1.496	(0.403)	26304	5.00000	5.3
119 Isoprene	67	1.503	1.503	(0.405)	42291	5.00000	4.7
47 Acrolein	56	1.568	1.568	(0.423)	195020	200.000	230
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	29600	5.00000	5.4
48 Freon TF	101	1.611	1.611	(0.434)	34883	5.00000	5.4
7 Acetone	43	1.661	1.661	(0.448)	35132	15.0000	23

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 11-Jul-2012 12:09

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	1.704	1.704	(0.459)	40063	5.00000	5.4
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	98152	5.00000	5.0
	50 Acetonitrile	41	1.826	1.825	(0.492)	105440	100.000	150
	125 Methyl acetate	74	1.847	1.840	(0.498)	6108	5.00000	6.6
	6 Methylene Chloride	84	1.897	1.897	(0.511)	49706	5.00000	8.8
	51 TBA	59	1.998	1.997	(0.538)	67566	100.000	110
	52 Acrylonitrile	53	2.055	2.055	(0.554)	247802	100.000	110
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	33567	5.00000	5.2
	53 MTBE	73	2.062	2.062	(0.556)	78327	5.00000	5.0
	54 Hexane	56	2.227	2.227	(0.600)	24633	5.00000	4.2
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	73231	5.00000	5.6
	57 Vinyl Acetate	43	2.384	2.384	(0.643)	93750	5.00000	4.7
	55 DIPE	45	2.384	2.391	(0.643)	98799	5.00000	4.7
	149 tert-Butyl ethyl ether	59	2.649	2.649	(0.714)	81013	5.00000	4.6
	157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	80875	5.00000	5.8
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	59216	5.00000	5.2
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	40709	5.00000	5.6
	18 2-Butanone	72	2.778	2.778	(0.749)	10638	15.0000	17
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	5135	10.0000	11
	108 Bromochloromethane	128	2.929	2.929	(0.790)	16557	5.00000	6.3
	15 Chloroform	83	3.000	3.000	(0.809)	65559	5.00000	5.5
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	15235	5.00000	8.9
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	52986	5.00000	5.2
	59 Cyclohexane	56	3.165	3.165	(0.853)	69256	5.00000	5.1
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	37179	5.00000	4.7
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	47122	5.00000	4.8
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.919)	244901	50.0000	55
	28 Benzene	78	3.444	3.444	(0.929)	126868	5.00000	5.0
	17 1,2-Dichloroethane	62	3.480	3.480	(0.938)	45685	5.00000	5.5
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	98256	10.0000	8.9
	140 tert-Amylmethyl Ether	73	3.573	3.573	(0.963)	59833	5.00000	4.4
*	69 Fluorobenzene	96	3.709	3.709	(1.000)	893120	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	28461	5.00000	4.6
	63 n-Butanol	43	4.089	4.089	(1.102)	94299	1000.00	1000
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	1353	5.00000	5.1
	126 Methyl cyclohexane	83	4.218	4.225	(1.137)	55701	5.00000	4.8
	23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	32018	5.00000	5.1
	109 Dibromomethane	93	4.404	4.404	(1.187)	18000	5.00000	5.4
	95 1,4-Dioxane	88	4.462	4.454	(1.203)	8210	100.000	120
	146 Methyl methacrylate	69	4.462	4.454	(1.203)	14281	5.00000	4.6
	64 Propyl Acetate	43	4.540	4.540	(1.224)	62027	10.0000	9.2
	22 Bromodichloromethane	83	4.583	4.590	(1.236)	36996	5.00000	5.0
	30 2-Chloroethyl Vinyl Ether	63	4.956	4.963	(1.336)	13093	5.00000	4.6
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	55380	100.000	100
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	36885	5.00000	4.2
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	69657	15.0000	15
$	37 Toluene-d8 (SUR)	98	5.386	5.385	(0.741)	735411	50.0000	50

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.464	5.464	(0.752)	146149	5.00000	5.1
29	trans-1,3-Dichloropropene	75	5.794	5.787	(0.797)	29298	5.00000	3.2
27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	18185	5.00000	4.5
35	Tetrachloroethene	166	6.138	6.130	(0.844)	31914	5.00000	4.8
103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	43114	5.00000	4.8
34	2-Hexanone	43	6.396	6.395	(0.880)	53578	15.0000	15
26	Dibromochloromethane	129	6.496	6.496	(0.894)	18867	5.00000	3.4
65	Butyl Acetate	43	6.610	6.610	(0.909)	79479	10.0000	9.2
66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	20535	5.00000	4.5
* 32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	660377	50.0000	
39	Chlorobenzene	112	7.312	7.312	(1.006)	85764	5.00000	5.0
97	1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	20808	5.00000	3.7
40	Ethylbenzene	106	7.513	7.513	(1.034)	45197	5.00000	4.8
43	m+p-Xylene	106	7.692	7.692	(1.058)	122243	10.0000	10
44	o-Xylene	106	8.272	8.272	(1.138)	57751	5.00000	5.0
42	Styrene	104	8.308	8.308	(1.143)	99931	5.00000	5.1
147	Butyl Acrylate	55	8.380	8.380	(0.766)	50152	5.00000	4.5
31	Bromoform	173	8.537	8.544	(1.174)	10122	5.00000	3.4
145	Amyl Acetate	43	8.767	8.766	(1.206)	29168	5.00000	4.7
110	Isopropylbenzene	105	8.867	8.867	(1.220)	163647	5.00000	5.1
$ 41	Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	252146	50.0000	50
150	Camphene	41	9.196	9.196	(0.841)	17943	5.00000	4.6
107	Bromobenzene	156	9.254	9.254	(0.846)	36565	5.00000	4.9
36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	28687	5.00000	4.4
99	1,2,3-Trichloropropane	110	9.426	9.418	(0.862)	8846	5.00000	4.7
143	trans-1,4-Dichloro-2-butene	53	9.504	9.511	(2.562)	8482	5.00000	4.8
112	n-Propylbenzene	91	9.526	9.526	(0.871)	209863	5.00000	5.0
105	2-Chlorotoluene	91	9.597	9.597	(0.878)	118595	5.00000	5.0
106	4-Chlorotoluene	91	9.791	9.791	(0.895)	120309	5.00000	4.9
102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	139288	5.00000	5.0
148	Butyl methacrylate	69	10.142	10.142	(0.927)	42446	5.00000	4.4
115	tert-Butylbenzene	119	10.350	10.349	(0.946)	122044	5.00000	4.8
100	1,2,4-Trimethylbenzene	105	10.436	10.435	(0.954)	139832	5.00000	4.9
114	sec-Butylbenzene	105	10.715	10.715	(0.980)	190867	5.00000	4.9
67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	75857	5.00000	5.0
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	371278	50.0000	
68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	75574	5.00000	4.9
113	p-Isopropyltoluene	119	10.994	11.001	(1.005)	158373	5.00000	5.0
69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	70822	5.00000	5.0
117	Benzyl chloride	91	11.238	11.245	(1.028)	35480	5.00000	2.8
111	n-Butylbenzene	91	11.603	11.610	(1.061)	161325	5.00000	5.0
101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	6114	5.00000	4.6
152	Camphor	95	13.186	13.186	(1.206)	18651	25.0000	24
93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	57147	5.00000	5.0
94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	32047	5.00000	4.6
70	Naphthalene	128	13.480	13.480	(1.232)	122023	5.00000	4.9
98	1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	50897	5.00000	4.8

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 11-Jul-2012 12:09

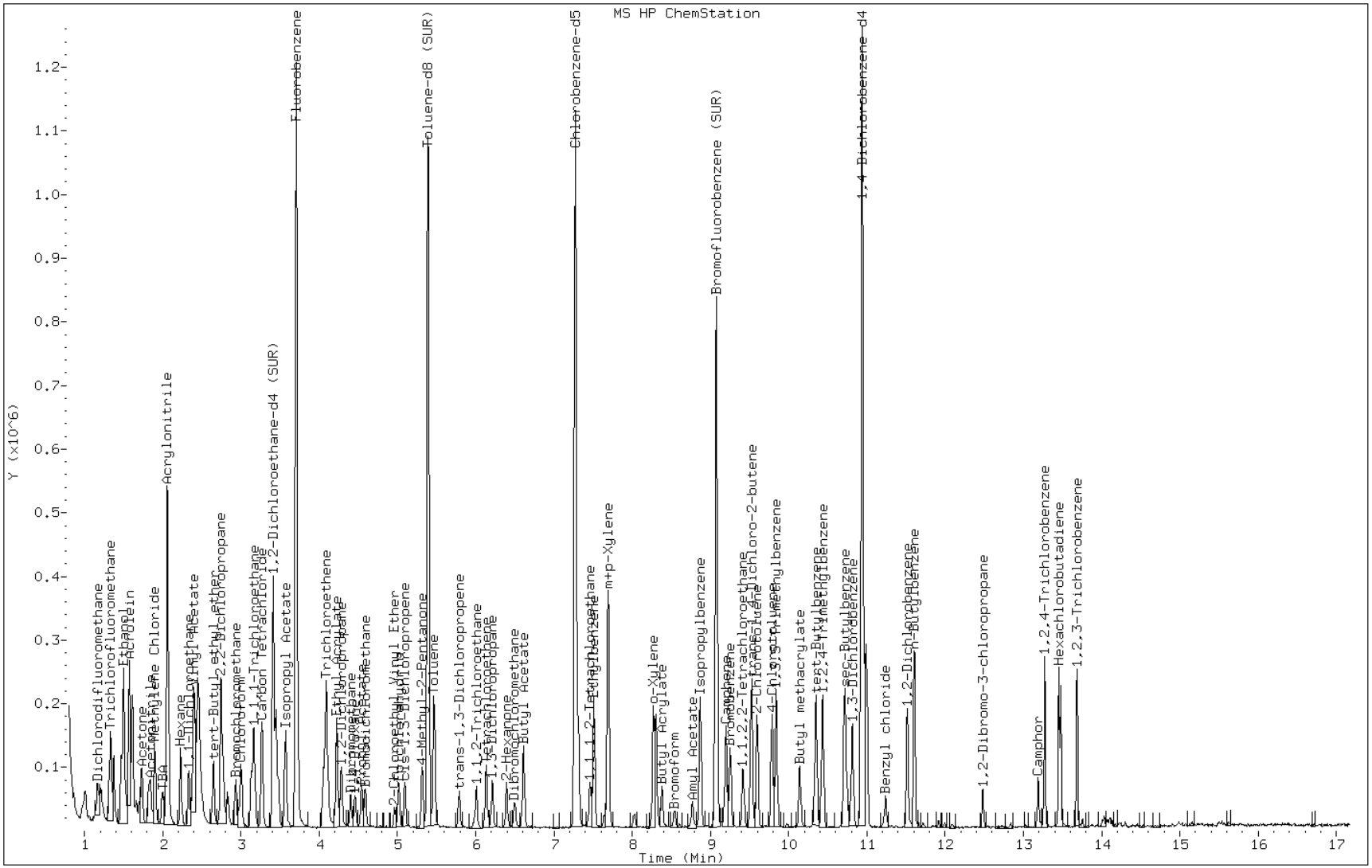
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				179994	15.0000	15

Data File: o61389.d

Date: 21-JUN-2012 19:31

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL2 Operator: VOAMS 9



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Report Date: 11-Jul-2012 12:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 21-JUN-2012 19:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:25 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:56 Cal File: o61390.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14	1,2-Dichloroethene (total)	100				311970	40.0000	39
90	Dichlorodifluoromethane	85	0.866	0.866	(0.233)	208831	20.0000	21
1	Chloromethane	50	0.980	0.980	(0.264)	234320	20.0000	24
4	Vinyl Chloride	62	1.009	1.009	(0.272)	219213	20.0000	20
3	Bromomethane	94	1.166	1.166	(0.314)	120149	20.0000	21
5	Chloroethane	64	1.217	1.217	(0.328)	120048	20.0000	20
9	Trichlorofluoromethane	101	1.338	1.338	(0.361)	300182	20.0000	20
127	Ethanol	46	1.474	1.474	(0.397)	115969	3000.00	2800
46	Ethyl Ether	59	1.496	1.496	(0.403)	115808	20.0000	20
119	Isoprene	67	1.503	1.503	(0.405)	216954	20.0000	20
47	Acrolein	56	1.568	1.568	(0.423)	287483	300.000	290
10	1,1-Dichloroethene	96	1.611	1.611	(0.434)	122124	20.0000	19
48	Freon TF	101	1.611	1.611	(0.434)	155623	20.0000	20
7	Acetone	43	1.661	1.661	(0.448)	44278	20.0000	25

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Report Date: 11-Jul-2012 12:25

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	1.704	1.704	(0.459)	182502	20.0000	20
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	443613	20.0000	19
	50 Acetonitrile	41	1.825	1.825	(0.492)	401679	400.000	480
	125 Methyl acetate	74	1.840	1.840	(0.496)	22318	20.0000	21
	6 Methylene Chloride	84	1.897	1.897	(0.511)	159140	20.0000	24
	51 TBA	59	1.997	1.997	(0.538)	280254	400.000	380
	52 Acrylonitrile	53	2.055	2.055	(0.554)	353823	150.000	140
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	149680	20.0000	20
	53 MTBE	73	2.062	2.062	(0.556)	358490	20.0000	19
	54 Hexane	56	2.227	2.227	(0.600)	138949	20.0000	20
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	291860	20.0000	19
	57 Vinyl Acetate	43	2.384	2.384	(0.643)	446851	20.0000	19
	55 DIPE	45	2.391	2.391	(0.645)	481480	20.0000	20
	149 tert-Butyl ethyl ether	59	2.649	2.649	(0.714)	410999	20.0000	20
	157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	313543	20.0000	19
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	246886	20.0000	19
	13 cis-1,2-Dichloroethene	96	2.749	2.749	(0.741)	162290	20.0000	19
	18 2-Butanone	72	2.778	2.778	(0.749)	14430	20.0000	19
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	21895	40.0000	40
	108 Bromochloromethane	128	2.929	2.929	(0.790)	63682	20.0000	21
	15 Chloroform	83	3.000	3.000	(0.809)	262216	20.0000	19
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	49892	20.0000	25
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	237808	20.0000	20
	59 Cyclohexane	56	3.165	3.165	(0.853)	334872	20.0000	21
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	177343	20.0000	19
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	226841	20.0000	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.408	(0.919)	260322	50.0000	50
	28 Benzene	78	3.444	3.444	(0.929)	580317	20.0000	20
	17 1,2-Dichloroethane	62	3.480	3.480	(0.938)	182763	20.0000	19
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	510377	40.0000	39
	140 tert-Amylmethyl Ether	73	3.573	3.573	(0.963)	305090	20.0000	19
*	69 Fluorobenzene	96	3.709	3.709	(1.000)	1049087	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	143777	20.0000	20
	63 n-Butanol	43	4.089	4.089	(1.102)	143463	1500.00	1300
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	6166	20.0000	20
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	281494	20.0000	20
	23 1,2-Dichloropropane	63	4.282	4.282	(1.154)	144166	20.0000	19
	109 Dibromomethane	93	4.404	4.404	(1.187)	72989	20.0000	19
	95 1,4-Dioxane	88	4.454	4.454	(1.201)	11647	150.000	140
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	71076	20.0000	19
	64 Propyl Acetate	43	4.540	4.540	(1.224)	312289	40.0000	40
	22 Bromodichloromethane	83	4.590	4.590	(1.238)	168761	20.0000	19
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	63339	20.0000	19
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	246327	400.000	380
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	195667	20.0000	19
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	105466	20.0000	20
$	37 Toluene-d8 (SUR)	98	5.385	5.385	(0.741)	799813	50.0000	51

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Report Date: 11-Jul-2012 12:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.464	5.464	(0.752)	608225	20.0000	20
29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	156172	20.0000	16
27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	80857	20.0000	19
35	Tetrachloroethene	166	6.130	6.130	(0.843)	139234	20.0000	19
103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	187679	20.0000	20
34	2-Hexanone	43	6.395	6.395	(0.880)	79507	20.0000	20
26	Dibromochloromethane	129	6.496	6.496	(0.894)	95710	20.0000	16
65	Butyl Acetate	43	6.610	6.610	(0.909)	360778	40.0000	39
66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	96462	20.0000	20
* 32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	710567	50.0000	
39	Chlorobenzene	112	7.312	7.312	(1.006)	356055	20.0000	19
97	1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	103715	20.0000	17
40	Ethylbenzene	106	7.513	7.513	(1.034)	203249	20.0000	20
43	m+p-Xylene	106	7.692	7.692	(1.058)	502902	40.0000	38
44	o-Xylene	106	8.272	8.272	(1.138)	238557	20.0000	19
42	Styrene	104	8.308	8.308	(1.143)	411527	20.0000	19
147	Butyl Acrylate	55	8.380	8.380	(0.766)	231624	20.0000	20
31	Bromoform	173	8.544	8.544	(1.175)	51839	20.0000	16
145	Amyl Acetate	43	8.766	8.766	(1.206)	127811	20.0000	19
110	Isopropylbenzene	105	8.867	8.867	(1.220)	682687	20.0000	20
$ 41	Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	257229	50.0000	49
150	Camphene	41	9.196	9.196	(0.841)	79515	20.0000	20
107	Bromobenzene	156	9.254	9.254	(0.846)	146900	20.0000	19
36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	127843	20.0000	19
99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	35715	20.0000	18
143	trans-1,4-Dichloro-2-butene	53	9.511	9.511	(2.564)	38708	20.0000	19
112	n-Propylbenzene	91	9.526	9.526	(0.871)	861018	20.0000	20
105	2-Chlorotoluene	91	9.597	9.597	(0.878)	479238	20.0000	20
106	4-Chlorotoluene	91	9.791	9.791	(0.895)	492234	20.0000	19
102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	564843	20.0000	20
148	Butyl methacrylate	69	10.142	10.142	(0.927)	192825	20.0000	19
115	tert-Butylbenzene	119	10.349	10.349	(0.946)	504679	20.0000	19
100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	573439	20.0000	20
114	sec-Butylbenzene	105	10.715	10.715	(0.980)	792404	20.0000	20
67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	299023	20.0000	19
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	382897	50.0000	
68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	299300	20.0000	19
113	p-Isopropyltoluene	119	11.001	11.001	(1.006)	653926	20.0000	20
69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	282331	20.0000	19
117	Benzyl chloride	91	11.245	11.245	(1.028)	188842	20.0000	14
111	n-Butylbenzene	91	11.610	11.610	(1.062)	689964	20.0000	21
101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	23757	20.0000	17
152	Camphor	95	13.186	13.186	(1.206)	75310	100.000	96
93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	221752	20.0000	19
94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	135738	20.0000	19
70	Naphthalene	128	13.480	13.480	(1.232)	493950	20.0000	19
98	1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	207448	20.0000	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Report Date: 11-Jul-2012 12:25

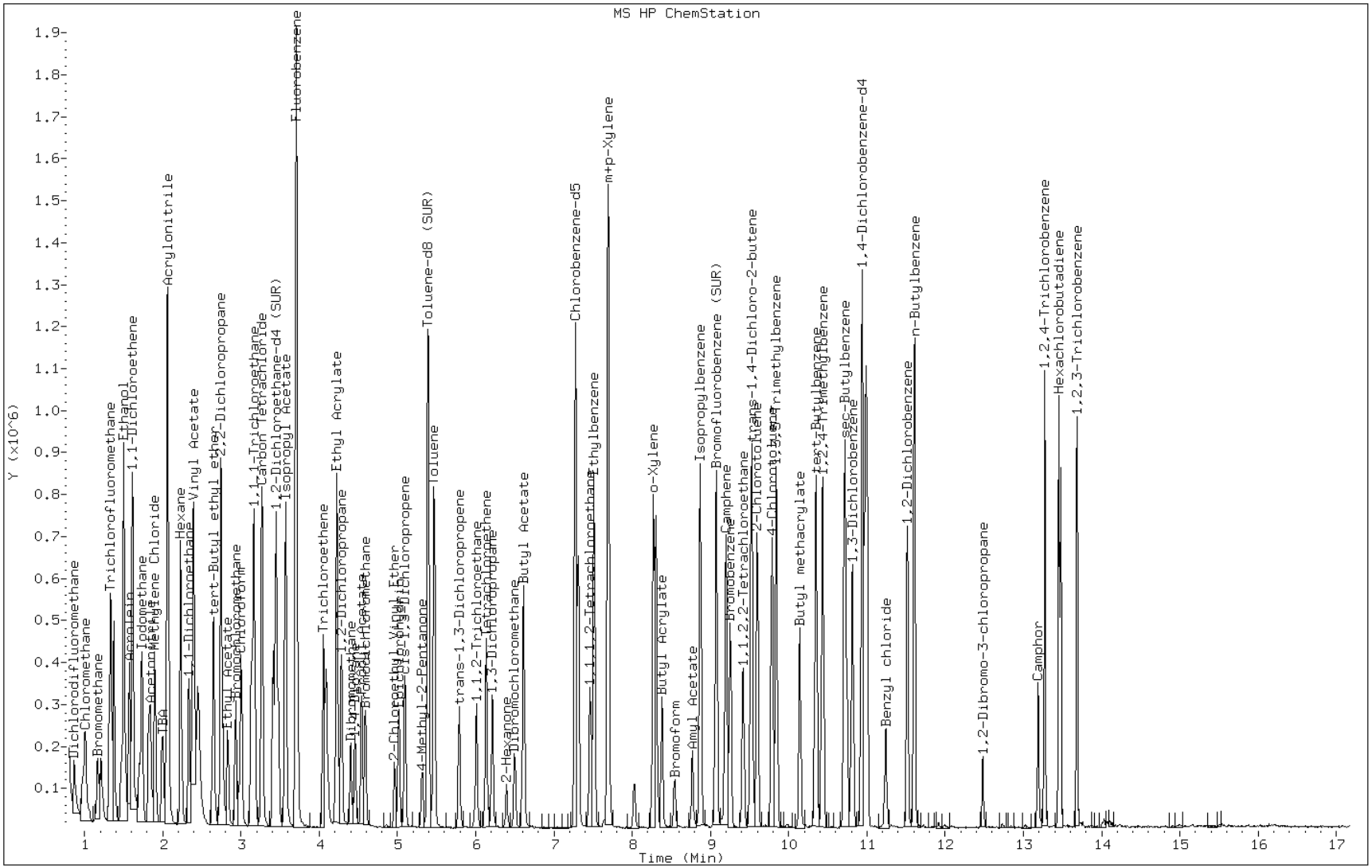
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				741459	60.0000	58

Data File: o61390.d

Date: 21-JUN-2012 19:56

Client ID: Instrument: VOAMS12.i

Sample Info: ICIS-VMCAL3 Operator: VOAMS 9



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Report Date: 11-Jul-2012 12:09

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Lab Smp Id: IC-VMCAL4
Inj Date : 21-JUN-2012 20:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 20:21 Cal File: o61391.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				793562	100.000	95
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	516578	50.0000	50
1 Chloromethane	50	0.980	0.980	(0.264)	586266	50.0000	57
4 Vinyl Chloride	62	1.009	1.009	(0.272)	560592	50.0000	50
3 Bromomethane	94	1.167	1.166	(0.314)	301007	50.0000	50
5 Chloroethane	64	1.210	1.217	(0.326)	310901	50.0000	49
9 Trichlorofluoromethane	101	1.339	1.338	(0.361)	746239	50.0000	47
127 Ethanol	46	1.468	1.474	(0.396)	164378	4000.00	3800
46 Ethyl Ether	59	1.496	1.496	(0.403)	296947	50.0000	49
119 Isoprene	67	1.503	1.503	(0.405)	559868	50.0000	51
47 Acrolein	56	1.568	1.568	(0.423)	385952	400.000	380
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	310628	50.0000	46
48 Freon TF	101	1.611	1.611	(0.434)	390556	50.0000	49
7 Acetone	43	1.661	1.661	(0.448)	104584	50.0000	56

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
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							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	1.704	1.704	(0.459)	496420	50.0000	55
	8 Carbon Disulfide	76	1.733	1.732	(0.467)	1165181	50.0000	49
	50 Acetonitrile	41	1.826	1.825	(0.492)	968082	1000.00	1100
	125 Methyl acetate	74	1.847	1.840	(0.498)	55896	50.0000	50
	6 Methylene Chloride	84	1.897	1.897	(0.511)	382646	50.0000	56
	51 TBA	59	1.998	1.997	(0.538)	690170	1000.00	900
	52 Acrylonitrile	53	2.055	2.055	(0.554)	479036	200.000	180
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	377743	50.0000	48
	53 MTBE	73	2.069	2.062	(0.558)	961166	50.0000	50
	54 Hexane	56	2.227	2.227	(0.600)	380843	50.0000	54
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	759964	50.0000	48
	57 Vinyl Acetate	43	2.384	2.384	(0.643)	1209533	50.0000	50
	55 DIPE	45	2.392	2.391	(0.645)	1331510	50.0000	52
	149 tert-Butyl ethyl ether	59	2.649	2.649	(0.714)	1105851	50.0000	52
	157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	826464	50.0000	48
	104 2,2-Dichloropropane	77	2.743	2.742	(0.739)	637454	50.0000	46
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	415819	50.0000	47
	18 2-Butanone	72	2.778	2.778	(0.749)	36916	50.0000	48
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	57193	100.000	100
	108 Bromochloromethane	128	2.929	2.929	(0.790)	168770	50.0000	53
	15 Chloroform	83	3.000	3.000	(0.809)	692317	50.0000	48
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	118957	50.0000	57
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	625153	50.0000	50
	59 Cyclohexane	56	3.165	3.165	(0.853)	819045	50.0000	50
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	498385	50.0000	52
	92 1,1-Dichloropropene	75	3.273	3.265	(0.882)	618716	50.0000	52
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.919)	263305	50.0000	49
	28 Benzene	78	3.445	3.444	(0.929)	1548503	50.0000	50
	17 1,2-Dichloroethane	62	3.480	3.480	(0.938)	471206	50.0000	47
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	1407319	100.000	100
	140 tert-Amylmethyl Ether	73	3.573	3.573	(0.963)	835106	50.0000	51
*	69 Fluorobenzene	96	3.710	3.709	(1.000)	1090235	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	387966	50.0000	52
	63 n-Butanol	43	4.089	4.089	(1.102)	214399	2000.00	1900
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	15842	50.0000	49
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	733404	50.0000	51
	23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	388857	50.0000	50
	109 Dibromomethane	93	4.404	4.404	(1.187)	191309	50.0000	47
	95 1,4-Dioxane	88	4.462	4.454	(1.203)	16660	200.000	200
	146 Methyl methacrylate	69	4.455	4.454	(1.201)	188019	50.0000	49
	64 Propyl Acetate	43	4.540	4.540	(1.224)	855470	100.000	100
	22 Bromodichloromethane	83	4.591	4.590	(1.238)	466923	50.0000	51
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	172226	50.0000	50
	118 Epichlorohydrin	57	5.020	5.013	(1.353)	660723	1000.00	990
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	562743	50.0000	53
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	276442	50.0000	49
$	37 Toluene-d8 (SUR)	98	5.393	5.385	(0.741)	808349	50.0000	51

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.465	5.464	(0.751)	1517102	50.0000	48
29	trans-1,3-Dichloropropene	75	5.794	5.787	(0.796)	462395	50.0000	47
27	1,1,2-Trichloroethane	83	6.009	6.009	(0.826)	227563	50.0000	52
35	Tetrachloroethene	166	6.138	6.130	(0.843)	358492	50.0000	50
103	1,3-Dichloropropane	76	6.217	6.209	(0.854)	496486	50.0000	51
34	2-Hexanone	43	6.396	6.395	(0.879)	199665	50.0000	50
26	Dibromochloromethane	129	6.496	6.496	(0.893)	284035	50.0000	47
65	Butyl Acetate	43	6.611	6.610	(0.908)	929213	100.000	99
66	1,2-Dibromoethane	107	6.611	6.610	(0.908)	258757	50.0000	52
* 32	Chlorobenzene-d5	117	7.277	7.269	(1.000)	717905	50.0000	
39	Chlorobenzene	112	7.313	7.312	(1.005)	920317	50.0000	49
97	1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.026)	287202	50.0000	47
40	Ethylbenzene	106	7.513	7.513	(1.032)	518032	50.0000	50
43	m+p-Xylene	106	7.692	7.692	(1.057)	1261007	100.000	96
44	o-Xylene	106	8.272	8.272	(1.137)	620950	50.0000	50
42	Styrene	104	8.308	8.308	(1.142)	1046454	50.0000	49
147	Butyl Acrylate	55	8.380	8.380	(0.766)	577083	50.0000	50
31	Bromoform	173	8.545	8.544	(1.174)	154597	50.0000	47
145	Amyl Acetate	43	8.767	8.766	(1.205)	330173	50.0000	49
110	Isopropylbenzene	105	8.867	8.867	(1.219)	1739282	50.0000	50
$ 41	Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	257048	50.0000	49
150	Camphene	41	9.196	9.196	(0.841)	196388	50.0000	49
107	Bromobenzene	156	9.254	9.254	(0.846)	368511	50.0000	48
36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	337720	50.0000	51
99	1,2,3-Trichloropropane	110	9.426	9.418	(0.862)	93103	50.0000	48
143	trans-1,4-Dichloro-2-butene	53	9.504	9.511	(2.562)	106458	50.0000	50
112	n-Propylbenzene	91	9.526	9.526	(0.871)	2161237	50.0000	50
105	2-Chlorotoluene	91	9.598	9.597	(0.878)	1173236	50.0000	48
106	4-Chlorotoluene	91	9.791	9.791	(0.895)	1224559	50.0000	48
102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	1430523	50.0000	50
148	Butyl methacrylate	69	10.142	10.142	(0.927)	518939	50.0000	52
115	tert-Butylbenzene	119	10.350	10.349	(0.946)	1274587	50.0000	49
100	1,2,4-Trimethylbenzene	105	10.436	10.435	(0.954)	1444136	50.0000	50
114	sec-Butylbenzene	105	10.715	10.715	(0.980)	2016780	50.0000	50
67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	741944	50.0000	47
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	381957	50.0000	
68	1,4-Dichlorobenzene	146	10.980	10.973	(1.004)	735890	50.0000	46
113	p-Isopropyltoluene	119	11.002	11.001	(1.006)	1627841	50.0000	49
69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	703858	50.0000	48
117	Benzyl chloride	91	11.238	11.245	(1.028)	558583	50.0000	42
111	n-Butylbenzene	91	11.610	11.610	(1.062)	1705289	50.0000	51
101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	65060	50.0000	47
152	Camphor	95	13.186	13.186	(1.206)	201920	250.000	260
93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	561028	50.0000	48
94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	347169	50.0000	48
70	Naphthalene	128	13.480	13.480	(1.232)	1248547	50.0000	49
98	1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	520099	50.0000	48

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Report Date: 11-Jul-2012 12:09

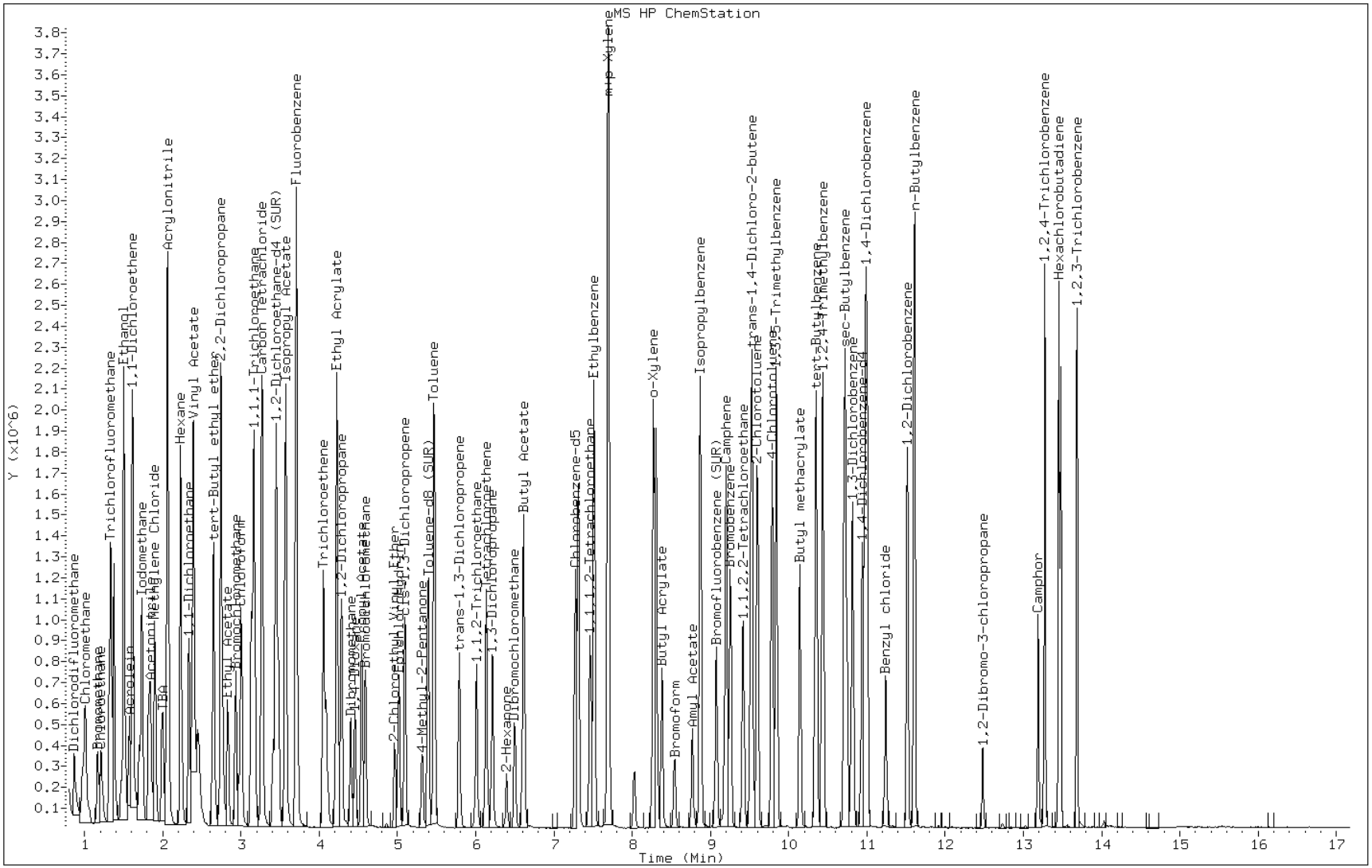
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				1881957	150.000	140

Data File: o61391.d

Date: 21-JUN-2012 20:21

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL4 Operator: VOAMS 9



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Report Date: 11-Jul-2012 12:09

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Lab Smp Id: IC-VMCAL5
Inj Date : 21-JUN-2012 20:46
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 20:46 Cal File: o61392.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				3128847	400.000	360
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	1915009	200.000	180
1 Chloromethane	50	0.980	0.980	(0.264)	2211159	200.000	210
4 Vinyl Chloride	62	1.009	1.009	(0.272)	2157171	200.000	180
3 Bromomethane	94	1.166	1.166	(0.314)	1242406	200.000	200
5 Chloroethane	64	1.217	1.217	(0.328)	1216520	200.000	180
9 Trichlorofluoromethane	101	1.338	1.338	(0.361)	2917184	200.000	180
127 Ethanol	46	1.467	1.474	(0.396)	195983	5000.00	4300
46 Ethyl Ether	59	1.496	1.496	(0.403)	1190333	200.000	190
119 Isoprene	67	1.503	1.503	(0.405)	2306790	200.000	200
47 Acrolein	56	1.568	1.568	(0.423)	460720	500.000	440
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	1238148	200.000	180
48 Freon TF	101	1.611	1.611	(0.434)	1580727	200.000	190
7 Acetone	43	1.661	1.661	(0.448)	376988	200.000	190

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Report Date: 11-Jul-2012 12:09

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	1.704	1.704	(0.459)	1905963	200.000	200
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	4610021	200.000	190
	50 Acetonitrile	41	1.825	1.825	(0.492)	3587112	4000.00	4000
	125 Methyl acetate	74	1.847	1.840	(0.498)	229295	200.000	200
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1420839	200.000	200
	51 TBA	59	1.997	1.997	(0.538)	2712509	4000.00	3400
	52 Acrylonitrile	53	2.062	2.055	(0.556)	608153	250.000	220
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	1487186	200.000	180
	53 MTBE	73	2.069	2.062	(0.558)	4077975	200.000	200
	54 Hexane	56	2.227	2.227	(0.600)	1464035	200.000	200
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	2916765	200.000	180
	57 Vinyl Acetate	43	2.384	2.384	(0.643)	5132738	200.000	200(A)
	55 DIPE	45	2.391	2.391	(0.645)	5714337	200.000	220
	149 tert-Butyl ethyl ether	59	2.649	2.649	(0.714)	4746899	200.000	210
	157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	3215102	200.000	180
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	2551698	200.000	180
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	1641661	200.000	180
	18 2-Butanone	72	2.785	2.778	(0.751)	154688	200.000	190
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	239727	400.000	410(A)
	108 Bromochloromethane	128	2.936	2.929	(0.791)	648782	200.000	200
	15 Chloroform	83	3.000	3.000	(0.809)	2700637	200.000	180
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	429236	200.000	200
	20 1,1,1-Trichloroethane	97	3.136	3.129	(0.846)	2501547	200.000	190
	59 Cyclohexane	56	3.165	3.165	(0.853)	3247343	200.000	190
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	2060658	200.000	200
	92 1,1-Dichloropropene	75	3.272	3.265	(0.882)	2523458	200.000	200
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.416	3.408	(0.921)	262882	50.0000	47
	28 Benzene	78	3.451	3.444	(0.930)	6305736	200.000	200
	17 1,2-Dichloroethane	62	3.480	3.480	(0.938)	1876173	200.000	180
	61 Isopropyl Acetate	43	3.573	3.566	(0.963)	6288151	400.000	450
	140 tert-Amylmethyl Ether	73	3.573	3.573	(0.963)	3729772	200.000	220
*	69 Fluorobenzene	96	3.709	3.709	(1.000)	1134479	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	1597094	200.000	200
	63 n-Butanol	43	4.089	4.089	(1.102)	270339	2500.00	2300
	96 Ethyl Acrylate	85	4.225	4.218	(1.139)	67437	200.000	200
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	3080532	200.000	210
	23 1,2-Dichloropropane	63	4.290	4.282	(1.156)	1580351	200.000	200
	109 Dibromomethane	93	4.404	4.404	(1.187)	758457	200.000	180
	95 1,4-Dioxane	88	4.461	4.454	(1.203)	19322	250.000	220
	146 Methyl methacrylate	69	4.461	4.454	(1.203)	793202	200.000	200
	64 Propyl Acetate	43	4.547	4.540	(1.226)	3720456	400.000	440
	22 Bromodichloromethane	83	4.590	4.590	(1.238)	1963192	200.000	210
	30 2-Chloroethyl Vinyl Ether	63	4.970	4.963	(1.340)	746430	200.000	210
	118 Epichlorohydrin	57	5.020	5.013	(1.353)	2616297	4000.00	3800
	24 cis-1,3-Dichloropropene	75	5.099	5.092	(1.375)	2396405	200.000	220
	33 4-Methyl-2-Pentanone	43	5.321	5.314	(1.434)	1208672	200.000	210
$	37 Toluene-d8 (SUR)	98	5.393	5.385	(0.723)	829018	50.0000	51

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.471	5.464	(0.733)	6068123	200.000	190
29	trans-1,3-Dichloropropene	75	5.794	5.787	(0.776)	2057901	200.000	200
27	1,1,2-Trichloroethane	83	6.016	6.009	(0.806)	932045	200.000	210
35	Tetrachloroethene	166	6.138	6.130	(0.822)	1485121	200.000	200
103	1,3-Dichloropropane	76	6.216	6.209	(0.833)	2020030	200.000	200
34	2-Hexanone	43	6.396	6.395	(0.857)	828300	200.000	200
26	Dibromochloromethane	129	6.503	6.496	(0.871)	1273572	200.000	200
65	Butyl Acetate	43	6.610	6.610	(0.886)	3759716	400.000	390
66	1,2-Dibromoethane	107	6.618	6.610	(0.887)	1062345	200.000	210
* 32	Chlorobenzene-d5	117	7.277	7.269	(1.000)	733149	50.0000	(H)
39	Chlorobenzene	112	7.312	7.312	(0.980)	3658739	200.000	190
97	1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.000)	1312938	200.000	200
40	Ethylbenzene	106	7.520	7.513	(1.008)	2049997	200.000	200
43	m+p-Xylene	106	7.706	7.692	(1.033)	5061407	400.000	380
44	o-Xylene	106	8.279	8.272	(1.109)	2393638	200.000	190
42	Styrene	104	8.315	8.308	(1.114)	4138178	200.000	190
147	Butyl Acrylate	55	8.380	8.380	(0.766)	2249483	200.000	200
31	Bromoform	173	8.544	8.544	(1.145)	718545	200.000	200(A)
145	Amyl Acetate	43	8.774	8.766	(1.176)	1297106	200.000	190
110	Isopropylbenzene	105	8.874	8.867	(1.189)	6914071	200.000	190
$ 41	Bromofluorobenzene (SUR)	174	9.082	9.074	(0.830)	260346	50.0000	52
150	Camphene	41	9.203	9.196	(0.841)	793115	200.000	200
107	Bromobenzene	156	9.261	9.254	(0.846)	1424973	200.000	190
36	1,1,2,2-Tetrachloroethane	83	9.418	9.411	(0.861)	1370472	200.000	210
99	1,2,3-Trichloropropane	110	9.425	9.418	(0.861)	385893	200.000	210
143	trans-1,4-Dichloro-2-butene	53	9.511	9.511	(2.564)	450697	200.000	200
112	n-Propylbenzene	91	9.540	9.526	(0.872)	8524353	200.000	200
105	2-Chlorotoluene	91	9.605	9.597	(0.878)	4692097	200.000	200
106	4-Chlorotoluene	91	9.791	9.791	(0.895)	4849082	200.000	200
102	1,3,5-Trimethylbenzene	105	9.848	9.841	(0.900)	5586108	200.000	200
148	Butyl methacrylate	69	10.149	10.142	(0.927)	2043390	200.000	210
115	tert-Butylbenzene	119	10.357	10.349	(0.946)	5072826	200.000	200
100	1,2,4-Trimethylbenzene	105	10.443	10.435	(0.954)	5690239	200.000	200
114	sec-Butylbenzene	105	10.722	10.715	(0.980)	7973217	200.000	200
67	1,3-Dichlorobenzene	146	10.822	10.815	(0.989)	2946522	200.000	190
* 91	1,4-Dichlorobenzene-d4	152	10.944	10.937	(1.000)	371079	50.0000	
68	1,4-Dichlorobenzene	146	10.980	10.973	(1.003)	2964228	200.000	190
113	p-Isopropyltoluene	119	11.001	11.001	(1.005)	6500002	200.000	200
69	1,2-Dichlorobenzene	146	11.524	11.517	(1.053)	2760223	200.000	190
117	Benzyl chloride	91	11.245	11.245	(1.027)	2676740	200.000	200
111	n-Butylbenzene	91	11.610	11.610	(1.061)	6698990	200.000	210
101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.140)	267495	200.000	200
152	Camphor	95	13.186	13.186	(1.205)	773135	1000.00	1000
93	1,2,4-Trichlorobenzene	180	13.279	13.272	(1.213)	2183517	200.000	190
94	Hexachlorobutadiene	225	13.458	13.451	(1.230)	1355617	200.000	190
70	Naphthalene	128	13.480	13.480	(1.232)	4667349	200.000	190
98	1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	1980461	200.000	190

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Report Date: 11-Jul-2012 12:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				7455045	600.000	560

QC Flag Legend

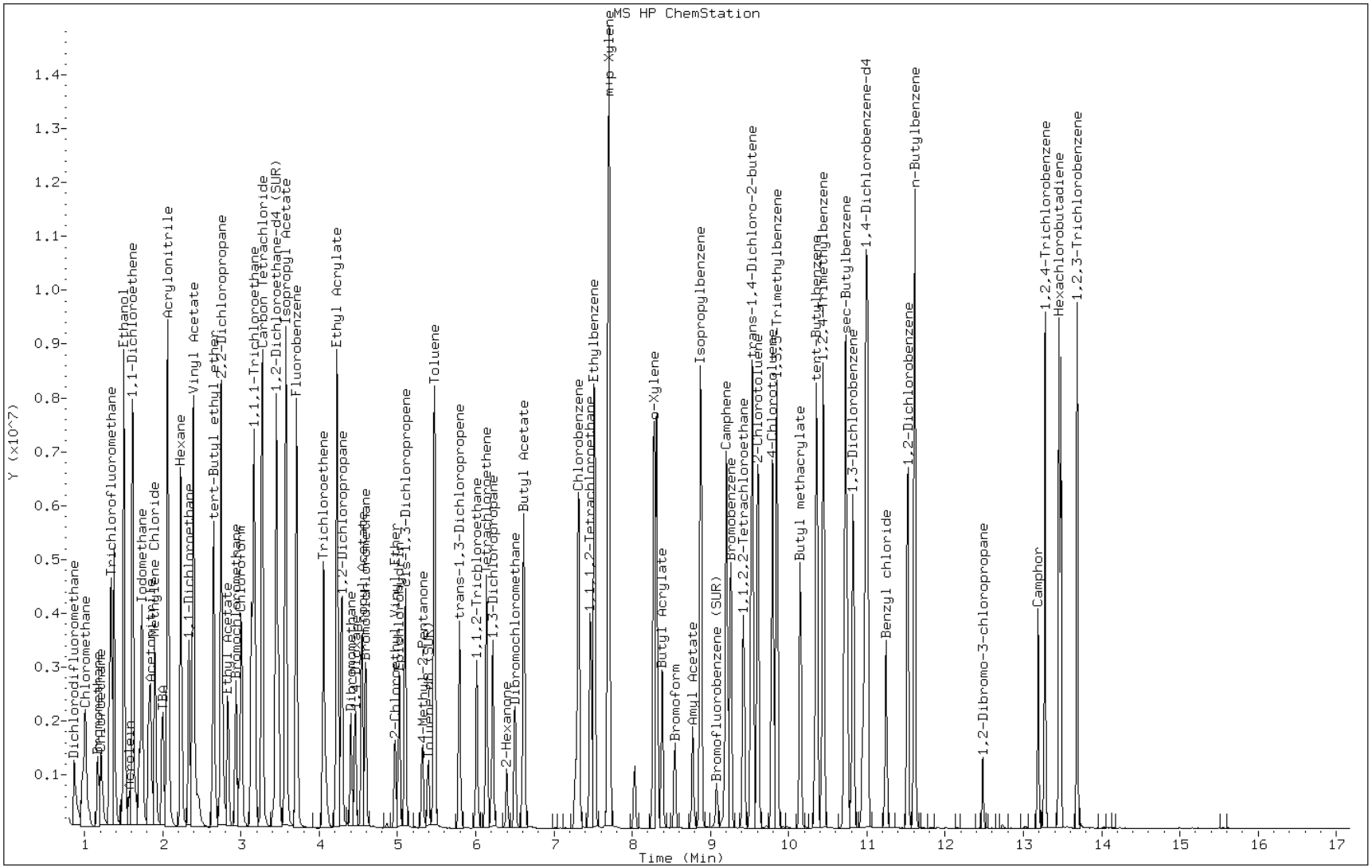
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: o61392.d

Date: 21-JUN-2012 20:46

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL5 Operator: VOAMS 9



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 11-Jul-2012 12:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Lab Smp Id: IC-VMCAL6
Inj Date : 21-JUN-2012 21:11
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 21:11 Cal File: o61393.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				8291196	1000.00	930
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	4744795	500.000	430
1 Chloromethane	50	0.987	0.980	(0.266)	5389689	500.000	500
4 Vinyl Chloride	62	1.009	1.009	(0.272)	5181569	500.000	430
3 Bromomethane	94	1.166	1.166	(0.314)	3197316	500.000	500(A)
5 Chloroethane	64	1.209	1.217	(0.326)	2992754	500.000	440
9 Trichlorofluoromethane	101	1.338	1.338	(0.361)	7320366	500.000	430
127 Ethanol	46	1.496	1.474	(0.403)	282283	6000.00	6100(A)
46 Ethyl Ether	59	1.496	1.496	(0.403)	2939045	500.000	460
119 Isoprene	67	1.496	1.503	(0.403)	5647584	500.000	480
47 Acrolein	56	1.575	1.568	(0.425)	585515	600.000	540
10 1,1-Dichloroethene	96	1.610	1.611	(0.434)	3303332	500.000	460
48 Freon TF	101	1.610	1.611	(0.434)	3909072	500.000	460(A)
7 Acetone	43	1.668	1.661	(0.450)	1989515	1000.00	1000(A)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	1.704	1.704	(0.459)	4678990	500.000	490
8	Carbon Disulfide	76	1.732	1.732	(0.467)	11717315	500.000	460
50	Acetonitrile	41	1.833	1.825	(0.494)	9187958	10000.0	10000
125	Methyl acetate	74	1.847	1.840	(0.498)	601990	500.000	500(A)
6	Methylene Chloride	84	1.897	1.897	(0.511)	3663637	500.000	500
51	TBA	59	2.026	1.997	(0.546)	7880939	10000.0	9700
52	Acrylonitrile	53	2.062	2.055	(0.556)	879275	300.000	310(A)
12	trans-1,2-Dichloroethene	96	2.062	2.055	(0.556)	3920230	500.000	470
53	MTBE	73	2.069	2.062	(0.558)	10488609	500.000	510(A)
54	Hexane	56	2.227	2.227	(0.600)	3668639	500.000	480
11	1,1-Dichloroethane	63	2.334	2.334	(0.629)	7540078	500.000	450
57	Vinyl Acetate	43	2.391	2.384	(0.645)	12896432	500.000	500(A)
55	DIPE	45	2.398	2.391	(0.647)	14448441	500.000	530(A)
149	tert-Butyl ethyl ether	59	2.656	2.649	(0.716)	12180298	500.000	530(A)
157	Dichlorofluoromethane	67	1.317	1.317	(0.355)	8212709	500.000	450
104	2,2-Dichloropropane	77	2.742	2.742	(0.739)	6733869	500.000	460
13	cis-1,2-Dichloroethene	96	2.749	2.749	(0.741)	4370966	500.000	460
18	2-Butanone	72	2.792	2.778	(0.753)	752244	1000.00	910
56	Ethyl Acetate	70	2.835	2.828	(0.764)	628083	1000.00	1000(A)
108	Bromochloromethane	128	2.936	2.929	(0.791)	1708290	500.000	500(A)
15	Chloroform	83	3.007	3.000	(0.811)	7044021	500.000	460
160	Tetrahydrofuran	42	2.979	2.972	(0.803)	1119922	500.000	500(A)
20	1,1,1-Trichloroethane	97	3.136	3.129	(0.846)	6586502	500.000	490
59	Cyclohexane	56	3.172	3.165	(0.855)	8176247	500.000	460
21	Carbon Tetrachloride	117	3.265	3.265	(0.880)	5622453	500.000	540(A)
92	1,1-Dichloropropene	75	3.272	3.265	(0.882)	6644951	500.000	520(A)
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.416	3.408	(0.921)	263410	50.0000	46
28	Benzene	78	3.451	3.444	(0.930)	16345655	500.000	500
17	1,2-Dichloroethane	62	3.480	3.480	(0.938)	4948497	500.000	460
61	Isopropyl Acetate	43	3.573	3.566	(0.963)	16609122	1000.00	1200(A)
140	tert-Amylmethyl Ether	73	3.580	3.573	(0.965)	10053311	500.000	570(A)
* 69	Fluorobenzene	96	3.709	3.709	(1.000)	1162960	50.0000	
25	Trichloroethene	95	4.060	4.053	(1.095)	4200547	500.000	520(A)
63	n-Butanol	43	4.118	4.089	(1.110)	412750	3000.00	3500(A)
96	Ethyl Acrylate	85	4.232	4.218	(1.141)	182272	500.000	530(A)
126	Methyl cyclohexane	83	4.232	4.225	(1.141)	7970538	500.000	520(A)
23	1,2-Dichloropropane	63	4.289	4.282	(1.156)	4090343	500.000	500
109	Dibromomethane	93	4.404	4.404	(1.187)	2010197	500.000	460
95	1,4-Dioxane	88	4.476	4.454	(1.207)	160033	2000.00	1800(A)
146	Methyl methacrylate	69	4.469	4.454	(1.205)	2098654	500.000	520(A)
64	Propyl Acetate	43	4.555	4.540	(1.228)	9791268	1000.00	1100(A)
22	Bromodichloromethane	83	4.597	4.590	(1.239)	5166514	500.000	530(A)
30	2-Chloroethyl Vinyl Ether	63	4.977	4.963	(1.342)	1939025	500.000	520(A)
118	Epichlorohydrin	57	5.034	5.013	(1.357)	6913543	10000.0	9700
24	cis-1,3-Dichloropropene	75	5.106	5.092	(1.377)	6297822	500.000	560(A)
33	4-Methyl-2-Pentanone	43	5.328	5.314	(1.436)	6263619	1000.00	1000(A)
$ 37	Toluene-d8 (SUR)	98	5.393	5.385	(0.722)	832232	50.0000	49

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.479	5.464	(0.733)	16075450	500.000	480
29	trans-1,3-Dichloropropene	75	5.801	5.787	(0.777)	5487440	500.000	500
27	1,1,2-Trichloroethane	83	6.016	6.009	(0.805)	2463382	500.000	530(A)
35	Tetrachloroethene	166	6.145	6.130	(0.823)	4062359	500.000	530(A)
103	1,3-Dichloropropane	76	6.223	6.209	(0.833)	5330751	500.000	520(A)
34	2-Hexanone	43	6.410	6.395	(0.858)	4411361	1000.00	1000(A)
26	Dibromochloromethane	129	6.510	6.496	(0.872)	3462833	500.000	500
65	Butyl Acetate	43	6.625	6.610	(0.887)	10362817	1000.00	1000(A)
66	1,2-Dibromoethane	107	6.625	6.610	(0.887)	2835045	500.000	540(A)
* 32	Chlorobenzene-d5	117	7.284	7.269	(1.000)	765834	50.0000	(H)
39	Chlorobenzene	112	7.327	7.312	(0.981)	10088771	500.000	510(A)
97	1,1,1,2-Tetrachloroethane	131	7.470	7.463	(1.000)	3684049	500.000	500
40	Ethylbenzene	106	7.527	7.513	(1.008)	5795101	500.000	530(A)
43	m+p-Xylene	106	7.721	7.692	(1.034)	14587519	1000.00	1000(A)
44	o-Xylene	106	8.286	8.272	(1.109)	6821347	500.000	510(A)
42	Styrene	104	8.322	8.308	(1.114)	11802469	500.000	520(A)
147	Butyl Acrylate	55	8.394	8.380	(0.766)	6270454	500.000	530(A)
31	Bromoform	173	8.551	8.544	(1.145)	2132696	500.000	500(A)
145	Amyl Acetate	43	8.781	8.766	(1.175)	3651899	500.000	500(A)
110	Isopropylbenzene	105	8.881	8.867	(1.189)	18708656	500.000	500(A)
$ 41	Bromofluorobenzene (SUR)	174	9.089	9.074	(0.830)	279536	50.0000	53
150	Camphene	41	9.210	9.196	(0.841)	2104929	500.000	520(A)
107	Bromobenzene	156	9.275	9.254	(0.847)	4049080	500.000	520(A)
36	1,1,2,2-Tetrachloroethane	83	9.433	9.411	(0.861)	3802810	500.000	560(A)
99	1,2,3-Trichloropropane	110	9.440	9.418	(0.862)	1077261	500.000	550(A)
143	trans-1,4-Dichloro-2-butene	53	9.526	9.511	(2.568)	1253376	500.000	550(A)
112	n-Propylbenzene	91	9.547	9.526	(0.872)	21961519	500.000	500(A)
105	2-Chlorotoluene	91	9.626	9.597	(0.879)	13175848	500.000	530(A)
106	4-Chlorotoluene	91	9.805	9.791	(0.895)	13646777	500.000	530(A)
102	1,3,5-Trimethylbenzene	105	9.862	9.841	(0.901)	15820256	500.000	540(A)
148	Butyl methacrylate	69	10.163	10.142	(0.928)	5592176	500.000	550(A)
115	tert-Butylbenzene	119	10.371	10.349	(0.947)	14272563	500.000	540(A)
100	1,2,4-Trimethylbenzene	105	10.457	10.435	(0.955)	15845978	500.000	530(A)
114	sec-Butylbenzene	105	10.736	10.715	(0.980)	20903059	500.000	510(A)
67	1,3-Dichlorobenzene	146	10.836	10.815	(0.990)	8158275	500.000	510(A)
* 91	1,4-Dichlorobenzene-d4	152	10.951	10.937	(1.000)	389553	50.0000	
68	1,4-Dichlorobenzene	146	10.994	10.973	(1.004)	8332666	500.000	520(A)
113	p-Isopropyltoluene	119	11.016	11.001	(1.006)	17813553	500.000	530(A)
69	1,2-Dichlorobenzene	146	11.531	11.517	(1.053)	7511141	500.000	500(A)
117	Benzyl chloride	91	11.252	11.245	(1.027)	7336108	500.000	500
111	n-Butylbenzene	91	11.617	11.610	(1.061)	15862028	500.000	470
101	1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.140)	735666	500.000	520(A)
152	Camphor	95	13.193	13.186	(1.205)	2002408	2500.00	2500
93	1,2,4-Trichlorobenzene	180	13.279	13.272	(1.213)	5933156	500.000	490
94	Hexachlorobutadiene	225	13.458	13.451	(1.229)	3754508	500.000	510(A)
70	Naphthalene	128	13.480	13.480	(1.231)	11156724	500.000	430
98	1,2,3-Trichlorobenzene	180	13.695	13.687	(1.251)	5392287	500.000	480

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 11-Jul-2012 12:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				21408866	1500.00	1500(A)

QC Flag Legend

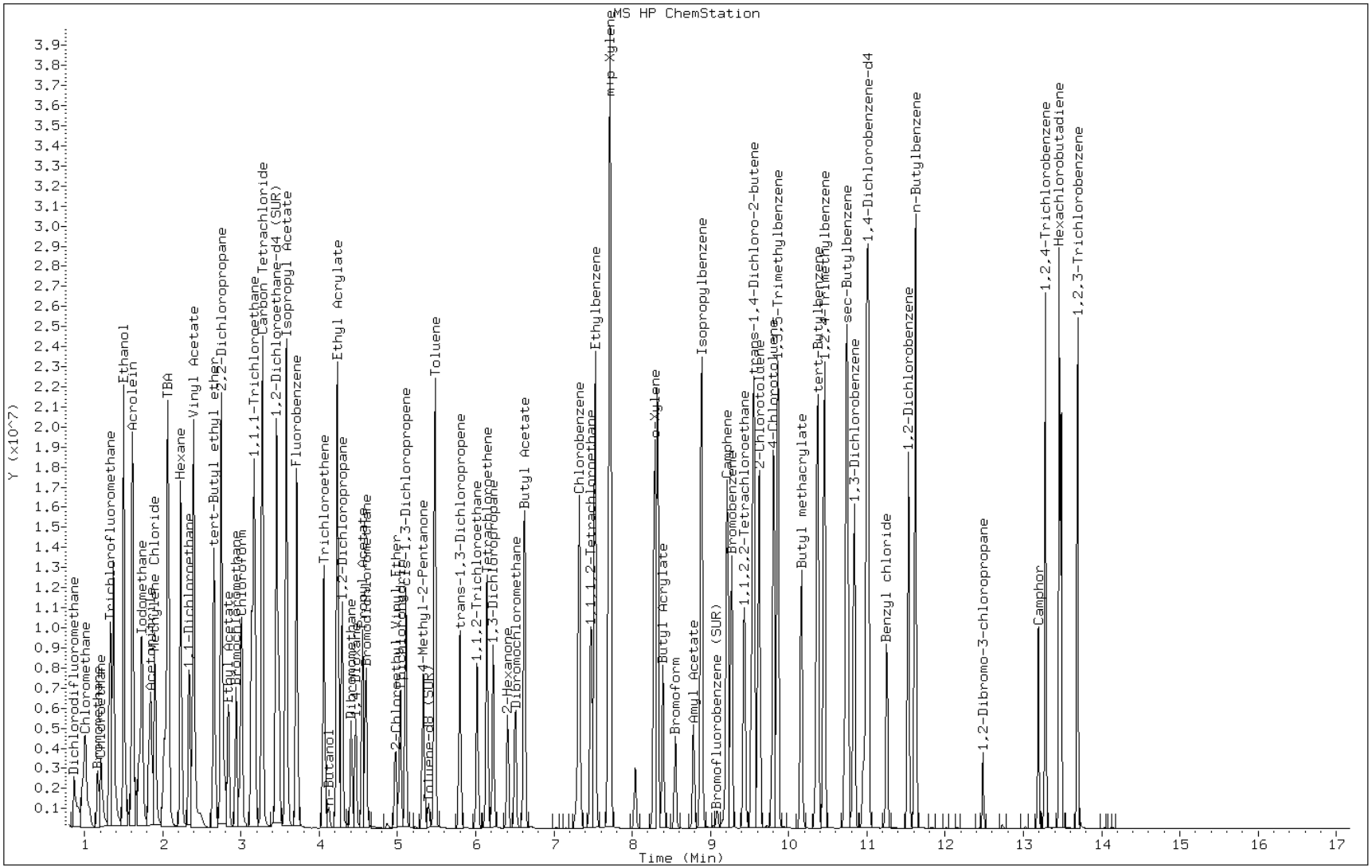
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: o61393.d

Date: 21-JUN-2012 21:11

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL6 Operator: VOAMS 9



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 11-Jul-2012 12:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Lab Smp Id: IC-VMCAL1
Inj Date : 21-JUN-2012 23:37
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/8260L_10.m
Meth Date : 11-Jul-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 12 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				14000	2.00000	2.3
90 Dichlorodifluoromethane	85	0.873	0.866	(0.236)	8331	1.00000	1.1
1 Chloromethane	50	0.987	0.980	(0.267)	11206	1.00000	1.5
4 Vinyl Chloride	62	1.009	1.009	(0.273)	8809	1.00000	1.1
3 Bromomethane	94	1.159	1.166	(0.313)	7182	1.00000	1.7
5 Chloroethane	64	1.217	1.217	(0.329)	5307	1.00000	1.2
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	13744	1.00000	1.2
127 Ethanol	46	1.460	1.474	(0.394)	31838	1000.00	1000
46 Ethyl Ether	59	1.496	1.496	(0.404)	4735	1.00000	1.1
119 Isoprene	67	1.496	1.503	(0.404)	8251	1.00000	1.0
47 Acrolein	56	1.568	1.568	(0.423)	82278	100.000	110
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	5818	1.00000	1.2
48 Freon TF	101	1.611	1.611	(0.435)	5887	1.00000	1.0
7 Acetone	43	1.661	1.661	(0.449)	23834	10.0000	18

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 11-Jul-2012 12:09

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	1.704	1.704	(0.460)	6663	1.00000	0.99(a)
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	19852	1.00000	1.2
	50 Acetonitrile	41	1.826	1.825	(0.493)	22956	20.0000	37
	125 Methyl acetate	74	1.847	1.840	(0.499)	1137	1.00000	1.4
	6 Methylene Chloride	84	1.897	1.897	(0.512)	12077	1.00000	2.4
	51 TBA	59	1.990	1.997	(0.538)	13525	20.0000	25
	52 Acrylonitrile	53	2.055	2.055	(0.555)	110138	50.0000	58
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	6513	1.00000	1.2
	53 MTBE	73	2.062	2.062	(0.557)	13484	1.00000	0.98(a)
	54 Hexane	56	2.227	2.227	(0.601)	5593	1.00000	1.1
	11 1,1-Dichloroethane	63	2.327	2.334	(0.629)	13358	1.00000	1.2
	57 Vinyl Acetate	43	2.377	2.384	(0.642)	18278	1.00000	1.0
	55 DIPE	45	2.384	2.391	(0.644)	15885	1.00000	0.87(a)
	149 tert-Butyl ethyl ether	59	2.649	2.649	(0.716)	13783	1.00000	0.90(a)
	157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	13452	1.00000	1.1
	104 2,2-Dichloropropane	77	2.742	2.742	(0.741)	12603	1.00000	1.3
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.743)	7487	1.00000	1.2
	18 2-Butanone	72	2.778	2.778	(0.750)	5919	10.0000	11
	56 Ethyl Acetate	70	2.828	2.828	(0.764)	670	2.00000	1.6(a)
	108 Bromochloromethane	128	2.929	2.929	(0.791)	3325	1.00000	1.4
	15 Chloroform	83	3.000	3.000	(0.810)	12440	1.00000	1.2
	160 Tetrahydrofuran	42	2.964	2.972	(0.801)	4844	1.00000	3.2
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	9281	1.00000	1.0
	59 Cyclohexane	56	3.165	3.165	(0.855)	12438	1.00000	1.0
	21 Carbon Tetrachloride	117	3.265	3.265	(0.882)	6719	1.00000	0.97(a)
	92 1,1-Dichloropropene	75	3.272	3.265	(0.884)	8155	1.00000	0.95(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.921)	204994	50.0000	53
	28 Benzene	78	3.444	3.444	(0.930)	22412	1.00000	1.0
	17 1,2-Dichloroethane	62	3.473	3.480	(0.938)	8597	1.00000	1.2
	61 Isopropyl Acetate	43	3.566	3.566	(0.963)	15977	2.00000	1.6(a)
	140 tert-Amylmethyl Ether	73	3.566	3.573	(0.963)	10553	1.00000	0.89(a)
*	69 Fluorobenzene	96	3.702	3.709	(1.000)	782930	50.0000	
	25 Trichloroethene	95	4.046	4.053	(1.093)	5332	1.00000	0.99(a)
	63 n-Butanol	43	4.082	4.089	(1.103)	40921	500.000	510
	96 Ethyl Acrylate	85	4.225	4.218	(1.141)	217	1.00000	0.94(a)
	126 Methyl cyclohexane	83	4.225	4.225	(1.141)	9452	1.00000	0.92(a)
	23 1,2-Dichloropropane	63	4.282	4.282	(1.157)	5662	1.00000	1.0
	109 Dibromomethane	93	4.404	4.404	(1.190)	3522	1.00000	1.2
	95 1,4-Dioxane	88	4.454	4.454	(1.203)	3689	50.0000	60(M)
	146 Methyl methacrylate	69	4.454	4.454	(1.203)	2982	1.00000	1.1
	64 Propyl Acetate	43	4.540	4.540	(1.226)	9799	2.00000	1.7(a)
	22 Bromodichloromethane	83	4.583	4.590	(1.238)	6038	1.00000	0.92(a)
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	2609	1.00000	1.0
	118 Epichlorohydrin	57	5.020	5.013	(1.356)	10962	20.0000	23
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	7074	1.00000	0.93(a)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	37549	10.0000	9.3(a)
$	37 Toluene-d8 (SUR)	98	5.386	5.385	(0.741)	615151	50.0000	46

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 11-Jul-2012 12:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.464	5.464	(0.752)	29506	1.00000	1.1
29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	5329	1.00000	0.65(a)
27	1,1,2-Trichloroethane	83	6.002	6.009	(0.826)	3612	1.00000	0.99(a)
35	Tetrachloroethene	166	6.138	6.130	(0.844)	6071	1.00000	1.0
103	1,3-Dichloropropane	76	6.216	6.209	(0.855)	7783	1.00000	0.96(a)
34	2-Hexanone	43	6.388	6.395	(0.879)	32073	10.0000	9.6(a)
26	Dibromochloromethane	129	6.496	6.496	(0.894)	3996	1.00000	0.80(a)
65	Butyl Acetate	43	6.603	6.610	(0.908)	17034	2.00000	2.2
66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	3770	1.00000	0.92(a)
* 32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	600209	50.0000	
39	Chlorobenzene	112	7.312	7.312	(1.006)	16786	1.00000	1.1
97	1,1,1,2-Tetrachloroethane	131	7.449	7.463	(1.025)	3558	1.00000	0.70(a)
40	Ethylbenzene	106	7.506	7.513	(1.033)	8673	1.00000	1.0
43	m+p-Xylene	106	7.692	7.692	(1.058)	24147	2.00000	2.2
44	o-Xylene	106	8.272	8.272	(1.138)	11308	1.00000	1.1
42	Styrene	104	8.308	8.308	(1.143)	18951	1.00000	1.0
147	Butyl Acrylate	55	8.380	8.380	(0.766)	11274	1.00000	1.0
31	Bromoform	173	8.537	8.544	(1.174)	2254	1.00000	0.82(a)
145	Amyl Acetate	43	8.767	8.766	(1.206)	6685	1.00000	1.2
110	Isopropylbenzene	105	8.867	8.867	(1.220)	29552	1.00000	1.0
$ 41	Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	226605	50.0000	47
150	Camphene	41	9.189	9.196	(0.840)	3914	1.00000	1.0
107	Bromobenzene	156	9.254	9.254	(0.846)	7750	1.00000	1.1
36	1,1,2,2-Tetrachloroethane	83	9.404	9.411	(0.860)	5963	1.00000	0.96(a)
99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	1860	1.00000	1.0
143	trans-1,4-Dichloro-2-butene	53	9.504	9.511	(2.567)	1508	1.00000	0.98(a)
112	n-Propylbenzene	91	9.526	9.526	(0.871)	38336	1.00000	0.96(a)
105	2-Chlorotoluene	91	9.597	9.597	(0.878)	22114	1.00000	0.98(a)
106	4-Chlorotoluene	91	9.791	9.791	(0.895)	25067	1.00000	1.0
102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	26012	1.00000	0.97(a)
148	Butyl methacrylate	69	10.142	10.142	(0.927)	9241	1.00000	0.99(a)
115	tert-Butylbenzene	119	10.342	10.349	(0.946)	23965	1.00000	0.99(a)
100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	26392	1.00000	0.97(a)
114	sec-Butylbenzene	105	10.715	10.715	(0.980)	37000	1.00000	0.99(a)
67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	16338	1.00000	1.1
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	356477	50.0000	
68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	16803	1.00000	1.1
113	p-Isopropyltoluene	119	10.994	11.001	(1.005)	29172	1.00000	0.95(a)
69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	14876	1.00000	1.1
117	Benzyl chloride	91	11.238	11.245	(1.028)	7220	1.00000	0.59(a)
111	n-Butylbenzene	91	11.610	11.610	(1.062)	30888	1.00000	0.99(a)
101	1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.141)	1602	1.00000	1.2
152	Camphor	95	13.186	13.186	(1.206)	3783	5.00000	5.2
93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	12879	1.00000	1.2
94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	7761	1.00000	1.2
70	Naphthalene	128	13.480	13.480	(1.232)	30403	1.00000	1.3
98	1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	12685	1.00000	1.2

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 11-Jul-2012 12:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				35455	3.00000	3.3

QC Flag Legend

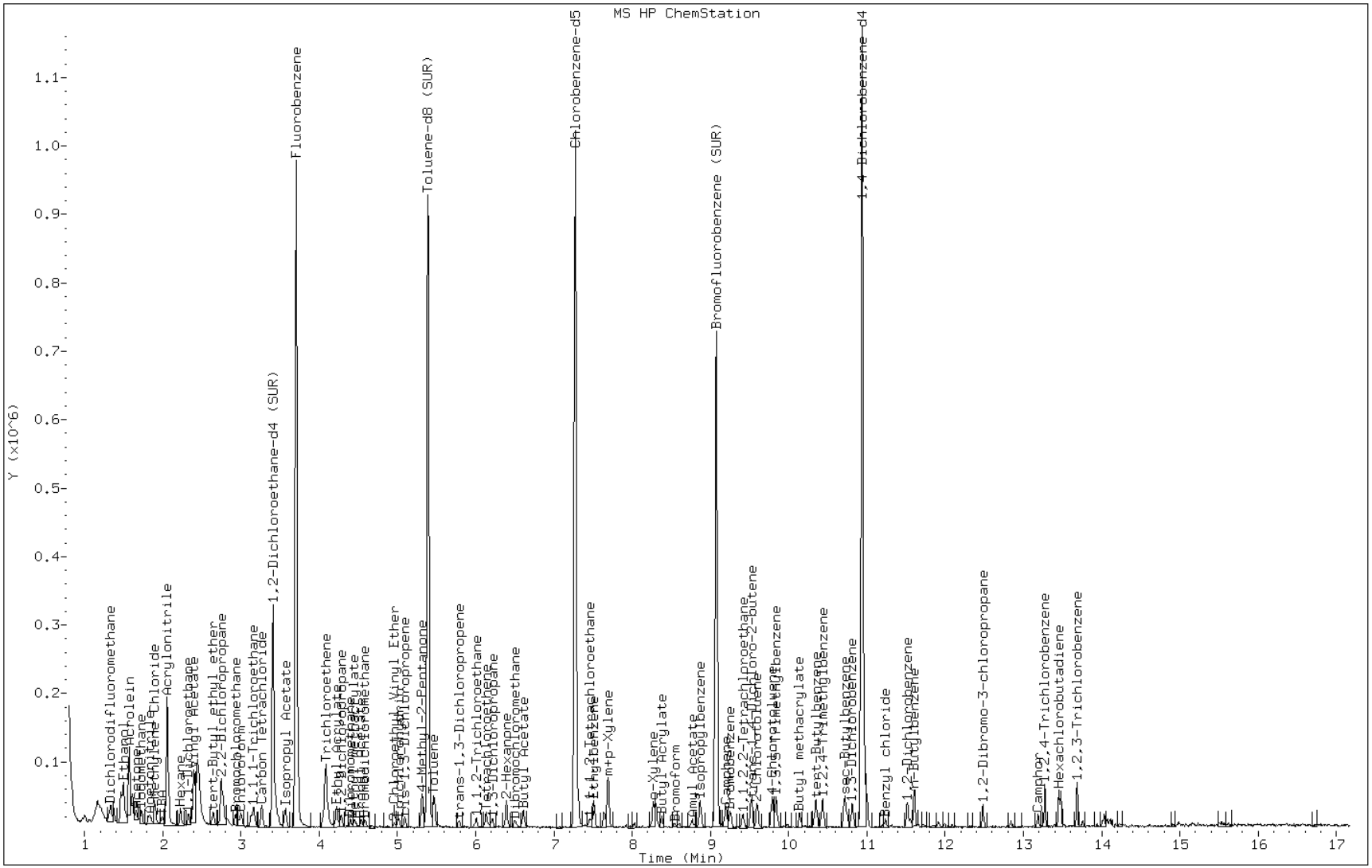
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: o61398.d

Date: 21-JUN-2012 23:37

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL1 Operator: VOAMS 9



Manual Integration Report

Data File: o61398.d
Inj. Date and Time: 21-JUN-2012 23:37
Instrument ID: VOAMS12.i
Client ID:
Compound: 95 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/11/2012

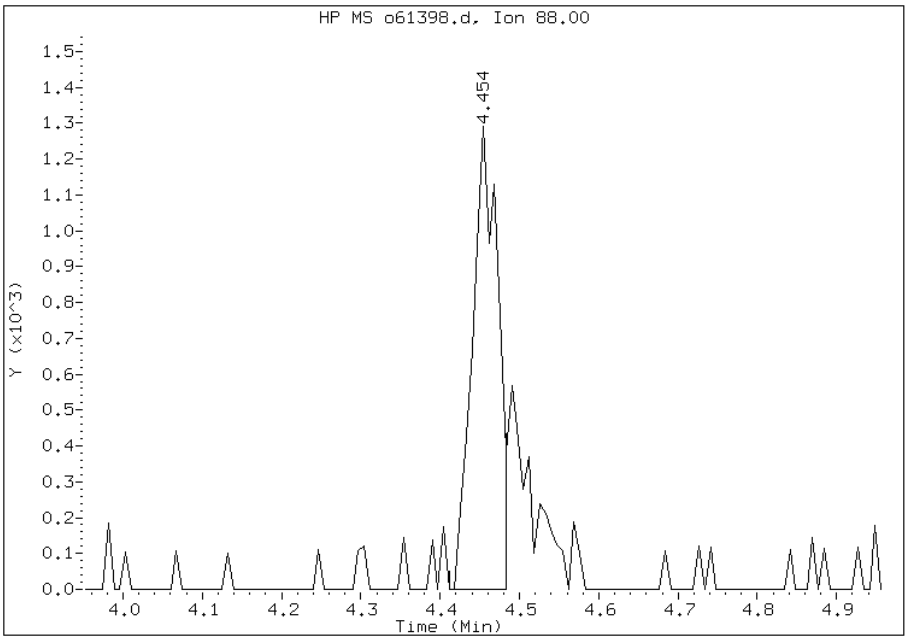
Processing Integration Results

RT: 4.45

Response: 2928

Amount: 49

Conc: 49



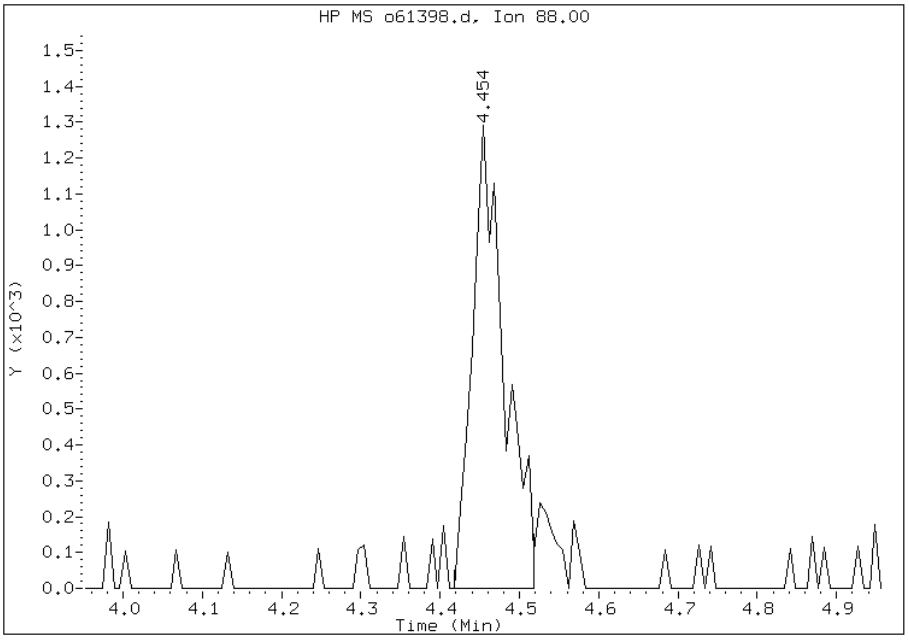
Manual Integration Results

RT: 4.45

Response: 3689

Amount: 60

Conc: 60



Manually Integrated By: maryb
Manual Integration Reason: Split Peak

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118471/2	e05008.d
Level 2	IC 460-118471/3	e05010.d
Level 3	ICIS 460-118471/4	e05011.d
Level 4	IC 460-118471/5	e05012.d
Level 5	IC 460-118471/6	e05013.d
Level 6	IC 460-118471/7	e05014.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	0.0506 0.1810	0.1963	0.2016	0.2029	0.1928	LinF		0.1829							0.9991		0.9900
Chloromethane	0.2612 0.2673	0.3043	0.3088	0.3068	0.2875	Ave		0.2893			0.1000	7.2		15.0			
Vinyl chloride	0.1874 0.2411	0.2737	0.2832	0.2846	0.2695	Ave		0.2566				14.6		30.0			
Bromomethane	0.1308 0.1371	0.1304	0.1355	0.1315	0.1359	Ave		0.1335				2.2		15.0			
Chloroethane	0.1152 0.0852	0.1281	0.1218	0.1220	0.1167	Ave		0.1148				13.3		15.0			
n-Pentane	0.0165 0.0231	0.0202	0.0234	0.0235	0.0237	Ave		0.0217				13.3		15.0			
Trichlorofluoromethane	0.1791 0.2639	0.2497	0.2574	0.2605	0.2403	Ave		0.2418				13.2		15.0			
Isopropene	0.2599 0.2508	0.2370	0.2809	0.2822	0.2876	Ave		0.2664				7.6		15.0			
Ethyl ether	0.1889 0.1501	0.1736	0.1750	0.1781	0.1697	Ave		0.1726				7.4		15.0			
1,1-Dichloroethene	0.1891 0.1687	0.1623	0.1805	0.1866	0.1800	Ave		0.1779				5.9		30.0			
Carbon disulfide	0.6127 0.6630	0.5629	0.6600	0.6827	0.6794	Ave		0.6435				7.3		15.0			
Freon TF	0.1763 0.1948	0.1682	0.1913	0.2034	0.2006	Ave		0.1891				7.4		15.0			
Ethanol	0.0009 0.0014	0.0011	0.0011	0.0011	0.0013	Ave		0.0011				14.6		15.0			
Iodomethane	0.0713 0.2502	0.1117	0.1925	0.2533	0.3034	QuaF		2.8301	0.4622						0.9991		0.9900
Acrolein	0.0407 0.0303	0.0348	0.0357	0.0357	0.0318	Ave		0.0348				10.4		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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								
Methylene Chloride	0.2877 0.2353	0.2355	0.2312	0.2618	0.2471	Ave		0.2498				8.7		15.0			
Acetone	0.0210 0.0170	0.0194	0.0196	0.0194	0.0177	Ave		0.0190				7.5		15.0			
trans-1,2-Dichloroethene	0.2376 0.2139	0.2145	0.2226	0.2310	0.2288	Ave		0.2247				4.2		15.0			
Methyl acetate	0.0310 0.0376	0.0360	0.0420	0.0427	0.0390	Ave		0.0380				11.3		15.0			
Hexane	0.0452 0.0617	0.0536	0.0638	0.0625	0.0645	Ave		0.0585				13.1		15.0			
MTBE	0.6921 0.6557	0.6520	0.6646	0.6722	0.6832	Ave		0.6700				2.3		15.0			
TBA	0.0180 0.0209	0.0196	0.0207	0.0212	0.0208	Ave		0.0202				5.9		15.0			
Acetonitrile	0.0058 0.0050	0.0058	0.0060	0.0058	0.0049	Ave		0.0055				8.5		15.0			
DIPE	0.9208 0.7920	0.7960	0.8585	0.8750	0.8331	Ave		0.8459				5.8		15.0			
1,1-Dichloroethane	0.4325 0.4023	0.4159	0.4378	0.4534	0.4307	Ave		0.4288			0.1000	4.1		15.0			
Acrylonitrile	0.0740 0.0750	0.0787	0.0777	0.0878	0.0810	Ave		0.0790				6.3		15.0			
Vinyl acetate	0.4194 0.4169	0.3908	0.4212	0.4384	0.4506	Ave		0.4229				4.8		15.0			
Tert-butyl ethyl ether	0.7494 0.7281	0.7219	0.7629	0.7709	0.7473	Ave		0.7468				2.6		15.0			
cis-1,2-Dichloroethene	0.2606 0.2312	0.2461	0.2537	0.2577	0.2451	Ave		0.2491				4.3		15.0			
2,2-Dichloropropane	0.3473 0.3168	0.2950	0.3085	0.3271	0.3324	Ave		0.3212				5.8		15.0			
Bromochloromethane	0.1298 0.1201	0.1297	0.1284	0.1309	0.1240	Ave		0.1271				3.3		15.0			
Cyclohexane	0.3499 0.3848	0.3392	0.3881	0.3983	0.3997	Ave		0.3767				6.8		15.0			
Chloroform	0.4376 0.3756	0.3773	0.4031	0.4146	0.3977	Ave		0.4010				5.8		30.0			
Carbon tetrachloride	0.2738 0.3080	0.2646	0.2755	0.2927	0.3088	Ave		0.2872				6.5		15.0			
Ethyl acetate	0.0155 0.0232	0.0206	0.0222	0.0237	0.0231	Ave		0.0214				14.4		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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								
Tetrahydrofuran	0.1176 0.0786	0.1049	0.0947	0.0899	0.0808	LinF		0.0791							0.9995		0.9900
1,1,1-Trichloroethane	0.3575 0.3535	0.3173	0.3389	0.3591	0.3643	Ave		0.3484				5.0		15.0			
1,1-Dichloropropene	0.3517 0.3573	0.3177	0.3484	0.3631	0.3639	Ave		0.3503				4.9		15.0			
2-Butanone	0.0265 0.0376	0.0272	0.0375	0.0377	0.0374	LinF		0.0376							0.9999		0.9900
Benzene	1.3330 1.0877	1.1828	1.2070	1.2599	1.1980	Ave		1.2114				6.8		15.0			
n-Heptane	0.1387 0.1366	0.1384	0.1507	0.1492	0.1451	Ave		0.1431				4.2		15.0			
Tert-amyl methyl ether	0.6231 0.6684	0.6161	0.6602	0.6653	0.6568	Ave		0.6483				3.5		15.0			
1,2-Dichloroethane	0.3017 0.2833	0.2877	0.2886	0.3015	0.2928	Ave		0.2926				2.6		15.0			
Isopropyl acetate	0.3490 0.4094	0.3445	0.3919	0.4044	0.3784	Ave		0.3796				7.3		15.0			
Methylcyclohexane	0.3396 0.3957	0.3405	0.3903	0.3957	0.3936	Ave		0.3759				7.4		15.0			
Trichloroethene	0.2604 0.2436	0.2279	0.2399	0.2492	0.2465	Ave		0.2446				4.4		15.0			
Dibromomethane	0.1398 0.1414	0.1307	0.1420	0.1451	0.1416	Ave		0.1401				3.5		15.0			
n-Butanol	0.0039 0.0054	0.0046	0.0050	0.0050	0.0058	Ave		0.0050				13.5		15.0			
1,2-Dichloropropane	0.2438 0.2571	0.2487	0.2499	0.2571	0.2547	Ave		0.2519				2.1		30.0			
Bromodichloromethane	0.3098 0.3265	0.2951	0.3006	0.3184	0.3247	Ave		0.3125				4.1		15.0			
Ethyl acrylate	0.2414 0.2903	0.2505	0.2736	0.2795	0.2759	Ave		0.2685				6.9		15.0			
Methyl methacrylate	0.0435 0.0675	0.0532	0.0623	0.0647	0.0637	LinF		0.0670							0.9994		0.9900
1,4-Dioxane	0.0013 0.0021	0.0022	0.0022	0.0021	0.0021	LinF		0.0021							0.9906		0.9900
Propyl acetate	0.2628 0.3173	0.2845	0.3050	0.3040	0.2972	Ave		0.2951				6.5		15.0			
2-Chloroethyl vinyl ether	0.0981 0.1236	0.1239	0.1286	0.1290	0.1208	Ave		0.1207				9.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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								
cis-1,3-Dichloropropene	0.4932 0.5055	0.4680	0.4899	0.5224	0.5164	Ave		0.4992				4.0		15.0			
Toluene	1.7747 1.2860	1.4165	1.4077	1.4324	1.3475	Ave		1.4441				11.8		30.0			
Epichlorohydrin	0.0219 0.0245	0.0231	0.0252	0.0262	0.0255	Ave		0.0244				6.6		15.0			
Tetrachloroethene	0.3843 0.3504	0.3350	0.3579	0.3744	0.3606	Ave		0.3604				4.8		15.0			
4-Methyl-2-pentanone	0.2439 0.2596	0.2355	0.2519	0.2608	0.2511	Ave		0.2505				3.8		15.0			
trans-1,3-Dichloropropene	0.4047 0.4742	0.4054	0.4308	0.4707	0.4656	Ave		0.4419				7.3		15.0			
1,1,2-Trichloroethane	0.2272 0.2167	0.2112	0.2142	0.2187	0.2134	Ave		0.2169				2.6		15.0			
Dibromochloromethane	0.2860 0.3417	0.2773	0.2990	0.3244	0.3292	Ave		0.3096				8.4		15.0			
1,3-Dichloropropane	0.4794 0.4699	0.4530	0.4621	0.4797	0.4648	Ave		0.4681				2.2		15.0			
1,2-Dibromoethane	0.2618 0.2803	0.2628	0.2677	0.2841	0.2768	Ave		0.2723				3.5		15.0			
Butyl acetate	0.0577 0.0831	0.0675	0.0755	0.0785	0.0790	Ave		0.0735				12.7		15.0			
2-Hexanone	0.1569 0.1959	0.1830	0.1989	0.2046	0.1920	Ave		0.1886				9.1		15.0			
Chlorobenzene	1.0406 0.9120	0.9293	0.9345	0.9557	0.9282	Ave		0.9500			0.3000	4.9		15.0			
Ethylbenzene	0.4987 0.4933	0.4710	0.4977	0.5128	0.5062	Ave		0.4966				2.9		30.0			
1,1,1,2-Tetrachloroethane	0.3124 0.3359	0.3038	0.3109	0.3310	0.3306	Ave		0.3208				4.1		15.0			
m&p-Xylene	0.7280 0.5932	0.6063	0.6348	0.6581	0.6359	Ave		0.6427				7.4		15.0			
o-Xylene	0.6477 0.5986	0.5920	0.6211	0.6373	0.6318	Ave		0.6214				3.6		15.0			
Bromoform	0.1895 0.2493	0.2019	0.2133	0.2316	0.2500	Ave		0.2226			0.1000	11.3		15.0			
Styrene	1.0525 1.0310	0.9892	1.0549	1.0896	1.0939	Ave		1.0519				3.7		15.0			
Amly acetate	0.2940 0.4235	0.3129	0.3441	0.3565	0.3657	Ave		0.3495				12.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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								
Butyl acrylate	0.1694 0.2581	0.1890	0.2249	0.2407	0.2578	LinF		0.2578							0.9999		0.9900
Isopropylbenzene	1.6442 1.5341	1.5129	1.6084	1.6352	1.6444	Ave		1.5965				3.7		15.0			
Camphene, Total	0.0871 0.1004	0.0929	0.1004	0.1007	0.1026	Ave		0.0973				6.2		15.0			
Monobromobenzene	0.7373 0.7439	0.7141	0.7200	0.7353	0.7285	Ave		0.7298				1.5		15.0			
N-Propylbenzene	3.1927 3.1340	2.8763	3.1158	3.1800	3.1256	Ave		3.1041				3.7		15.0			
1,1,2,2-Tetrachloroethane	0.5312 0.5899	0.5515	0.5562	0.5723	0.5722	Ave		0.5622			0.3000	3.6		15.0			
2-Chlorotoluene	1.9099 1.8764	1.7852	1.8461	1.8790	1.8506	Ave		1.8579				2.3		15.0			
1,2,3-Trichloropropane	0.1373 0.1791	0.1686	0.1703	0.1719	0.1720	Ave		0.1665				8.9		15.0			
1,3,5-Trimethylbenzene	2.4073 2.2992	2.0696	2.2279	2.3250	2.2956	Ave		2.2708				5.0		15.0			
trans-1,4-Dichloro-2-butene	0.1118 +++++	0.1305	0.1603	0.1638	0.1670	LinF		0.1667							0.9999		0.9900
4-Chlorotoluene	2.0145 2.0146	1.9156	1.9879	2.0208	1.9984	Ave		1.9920				2.0		15.0			
tert-Butylbenzene	1.8789 1.9059	1.7299	1.8930	1.9508	1.9311	Ave		1.8816				4.2		15.0			
1,2,4-Trimethylbenzene	2.9577 2.2968	2.2428	2.3306	2.3878	2.3314	Ave		2.4245				11.0		15.0			
Butyl Methacrylate	0.5934 0.8530	0.6455	0.7503	0.7913	0.8249	Ave		0.7431				13.9		15.0			
sec-Butylbenzene	2.7175 2.6585	2.4890	2.6919	2.7588	2.7006	Ave		2.6694				3.5		15.0			
1,3-Dichlorobenzene	1.4741 1.3254	1.3076	1.3330	1.3779	1.3437	Ave		1.3603				4.4		15.0			
p-Isopropyltoluene	2.3947 2.3348	2.1688	2.3717	2.4524	2.3946	Ave		2.3528				4.2		15.0			
1,4-Dichlorobenzene	1.5306 1.3487	1.3268	1.3854	1.4143	1.3706	Ave		1.3961				5.2		15.0			
2-Octanone	0.5758 0.8121	0.6028	0.6804	0.6885	0.7268	Ave		0.6811				12.5		15.0			
Benzyl chloride	0.9500 1.1779	0.9428	1.0513	1.1042	1.1231	Ave		1.0582				9.0		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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								
n-Butylbenzene	2.2272 1.9337	1.8614	2.0100	2.0630	1.9809	Ave		2.0127				6.2		15.0			
1,2-Dichlorobenzene	1.3954 1.2571	1.2869	1.2868	1.3215	1.2684	Ave		1.3027				3.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0757 0.1046	0.0894	0.0947	0.1007	0.1016	Ave		0.0944				11.3		15.0			
1,2,4-Trichlorobenzene	0.9483 0.8579	0.8484	0.8871	0.9217	0.8816	Ave		0.8908				4.3		15.0			
Hexachlorobutadiene	0.4420 0.3523	0.3517	0.3693	0.3835	0.3574	Ave		0.3760				9.2		15.0			
Naphthalene	1.9538 1.7642	1.6772	1.7660	1.8223	1.7353	Ave		1.7865				5.3		15.0			
1,2,3-Trichlorobenzene	0.7867 0.7438	0.7254	0.7423	0.7779	0.7441	Ave		0.7534				3.1		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2274 0.2222	0.2243	0.2089	0.2264	0.1966	Ave		0.2176				5.7		15.0			
Toluene-d8 (Surr)	1.0859 1.0426	1.0702	1.0523	1.1164	0.9449	Ave		1.0521				5.6		15.0			
Bromofluorobenzene	0.7135 0.7822	0.7427	0.7328	0.7650	0.6774	Ave		0.7356				5.1		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118471/2	e05008.d
Level 2	IC 460-118471/3	e05010.d
Level 3	ICIS 460-118471/4	e05011.d
Level 4	IC 460-118471/5	e05012.d
Level 5	IC 460-118471/6	e05013.d
Level 6	IC 460-118471/7	e05014.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	LinF	474 925881	9335	38170	94620	376562	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	2445 1367541	14470	58446	143080	561378	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	1754 1233534	13018	53601	132710	526364	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	1224 701497	6202	25642	61317	265321	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1078 435726	6090	23049	56904	227872	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	154 118086	961	4433	10959	46207	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	1676 1349925	11873	48732	121497	469382	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	2433 1283145	11272	53182	131611	561673	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	1768 767696	8258	33136	83028	331372	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	1770 862923	7717	34176	87010	351608	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	5735 3391473	26771	124933	318375	1326887	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	1650 996784	8001	36220	94844	391831	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	8618 85749	20014	31427	40972	61276	1000 6000	2000	3000	4000	5000
Iodomethane	FB	QuaF	667 1280064	5313	36439	118125	592467	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	1525 124069	6614	13529	33340	62083	4.00 400	20.0	40.0	100	200
Methylene Chloride	FB	Ave	2693 1203658	11198	43763	122078	482662	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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
Acetone	FB	Ave	982 87071	2761	3706	9065	34553	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	2224 1094489	10199	42129	107732	446766	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	290 192514	1712	7947	19920	76139	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	423 315408	2547	12077	29162	125951	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	6478 3354533	31009	125799	313439	1334271	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	3379 2143389	18657	78441	197991	811647	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1077 509581	5507	22788	53831	191584	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	8619 4051587	37856	162510	408008	1626980	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	4048 2058060	19780	82879	211440	841196	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1385 153529	7490	14715	40940	79057	2.00 200	10.0	20.0	50.0	100
Vinyl acetate	FB	Ave	3926 2132628	18587	79725	204444	879902	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7015 3724472	34333	144423	359495	1459382	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2439 1182954	11705	48016	120153	478697	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3251 1620521	14030	58392	152521	649202	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1215 614378	6167	24299	61042	242119	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3275 1968659	16130	73476	185753	780676	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	4096 1921586	17942	76297	193336	776769	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2563 1575703	12585	52149	136484	603112	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	290 237675	1964	8406	22062	90386	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	1101 402175	4988	17920	41933	157700	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3346 1808619	15088	64152	167475	711515	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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
1,1-Dichloropropene	FB	Ave	3292 1827759	15110	65947	169320	710677	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	LinF	1242 192554	3877	7103	17569	73097	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	9858 4798116	45884	186477	467444	1890997	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1298 698837	6581	28532	69572	283423	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	5832 3419553	29299	124980	310228	1282616	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2824 1449101	13683	54624	140611	571821	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	6533 4188265	32766	148362	377162	1478076	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	3179 2024127	16192	73889	184499	768670	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2437 1246273	10840	45413	116185	481303	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1309 723410	6218	26873	67646	276485	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	18205 166828	44043	70502	93474	142454	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	2282 1315063	11826	47307	119868	497373	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	2900 1670097	14036	56907	148482	634107	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2260 1484869	11912	51793	130317	538790	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	LinF	407 345203	2529	11784	30152	124329	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	LinF	600 6587	2057	3097	3985	5235	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	4920 3245895	27059	115478	283532	1160705	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	918 632108	5894	24348	60143	235842	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	3647 2229760	18157	75685	193827	815187	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	13124 5672973	54949	217473	531430	2126960	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	3245 2165655	17911	77916	194428	803471	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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
Tetrachloroethene	CBZ	Ave	2842 1545628	12995	55295	138905	569200	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	9019 1145005	27412	38918	96775	396296	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	2993 2091724	15727	66548	174639	734949	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1680 956130	8195	33099	81132	336853	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2115 1507318	10759	46193	120348	519701	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3545 2072960	17575	71390	177970	733610	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1936 1236694	10196	41357	105391	436933	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	853 733327	5240	23329	58240	249280	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	5801 864368	21296	30734	75900	303062	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	7695 4022998	36049	144374	354564	1465087	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3688 2176035	18272	76893	190259	798984	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2310 1481658	11787	48032	122803	521904	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	10767 5233866	47043	196155	488292	2007411	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	4790 2640852	22966	95958	236431	997237	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1401 1099942	7832	32950	85942	394574	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7783 4548248	38375	162977	404260	1726703	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	1375 1058174	7372	32148	80419	358501	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	LinF	1253 1138385	7332	34751	89304	406987	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	12159 6767502	58689	248480	606673	2595588	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	644 443032	3604	15512	37366	161879	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3448 1858754	16826	67259	165854	714190	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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
N-Propylbenzene	DCB	Ave	14931 7830826	67776	291065	717260	3064281	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2484 1473958	12995	51959	129081	561011	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	8932 4688453	42066	172455	423827	1814313	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	642 447532	3972	15905	38774	168594	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	11258 5745012	48768	208121	524415	2250583	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	LinF	523 +++++	3074	14976	36956	163730	1.00 +++++	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	9421 5033739	45139	185708	455803	1959159	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	8787 4762187	40763	176835	440011	1893185	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13832 5738853	52849	217719	538590	2285627	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	2775 2131338	15210	70092	178484	808710	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	12709 6642621	58650	251472	622275	2647631	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6894 3311816	30811	124521	310796	1317284	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	11199 5833860	51105	221555	553148	2347614	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	7158 3370029	31265	129423	319012	1343654	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	2693 2029132	14205	63557	155289	712488	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	4443 2943122	22215	98212	249063	1101025	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10416 4831766	43861	187769	465326	1942043	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6526 3141196	30324	120205	298065	1243461	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	354 261242	2107	8848	22707	99586	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	4435 2143509	19991	82874	207890	864315	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2067 880367	8287	34500	86490	350413	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118471

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/03/2012 09:31 Calibration End Date: 07/03/2012 11:51 Calibration ID: 16283

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
Naphthalene	DCB	Ave	9137 4408189	39521	164972	411036	1701252	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3679 1858536	17093	69343	175455	729481	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	106413 113658	106652	98846	105597	95985	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	401520 459938	415179	406420	414193	372866	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	166839 195444	175003	171150	172546	166021	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05008.d
Report Date: 05-Jul-2012 16:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05008.d
Lab Smp Id: IC-VMCAL1
Inj Date : 03-JUL-2012 09:31
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 05-Jul-2012 16:13 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 09:31 Cal File: e05008.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.870	0.864	(0.243)	474	1.00000	0.28(a)
3 Chloromethane	50	0.974	0.986	(0.272)	2445	1.00000	0.90(a)
4 Vinyl Chloride	62	0.998	0.998	(0.279)	1754	1.00000	0.73(a)
6 Bromomethane	94	1.150	1.150	(0.321)	1224	1.00000	0.98(a)
5 Chloroethane	64	1.211	1.205	(0.338)	1078	1.00000	1.0
8 n-Pentane	72	1.266	1.266	(0.353)	154	1.00000	0.76(a)
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	1676	1.00000	0.74(a)
10 Isoprene	67	1.419	1.413	(0.396)	2433	1.00000	0.98(a)
11 Ethyl Ether	59	1.437	1.437	(0.401)	1768	1.00000	1.1
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	1770	1.00000	1.1
14 Freon TF	101	1.547	1.547	(0.432)	1650	1.00000	0.93(a)
18 Carbon Disulfide	76	1.540	1.541	(0.430)	5735	1.00000	0.95(a)
17 Iodomethane	142	1.608	1.602	(0.449)	667	1.00000	0.20(aM)
9 Ethanol	46	1.540	1.559	(0.430)	8618	1000.00	810(a)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05008.d
Report Date: 05-Jul-2012 16:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.711	1.705	(0.478)	1525	4.00000	4.7
	22 Methylene Chloride	84	1.839	1.839	(0.513)	2693	1.00000	1.2
	16 Acetone	58	1.876	1.870	(0.524)	982	5.00000	5.5
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	2224	1.00000	1.0
	27 Methyl Acetate	74	1.943	1.943	(0.542)	290	1.00000	0.81(a)
	29 Hexane	86	1.973	1.973	(0.551)	423	1.00000	0.77(a)
	28 MTBE	73	1.998	1.998	(0.558)	6478	1.00000	1.0
	24 TBA	59	2.083	2.083	(0.581)	3379	20.0000	18(a)
	21 Acetonitrile	39	2.132	2.132	(0.595)	1077	20.0000	23
	32 DIPE	45	2.229	2.230	(0.622)	8619	1.00000	1.1
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	4048	1.00000	1.0
	26 Acrylonitrile	53	2.315	2.321	(0.646)	1385	2.00000	1.9(a)
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	3926	1.00000	0.99(a)
	35 t-Butyl-ethyl-ether	59	2.455	2.455	(0.685)	7015	1.00000	1.0
	34 n-Propanol	42	2.528	2.534	(0.706)	9181	1000.00	860(a)
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	2439	1.00000	1.0
	37 2,2-Dichloropropane	77	2.705	2.699	(0.755)	3251	1.00000	1.1
	44 Cyclohexane	56	2.766	2.766	(0.772)	3275	1.00000	0.93(a)
	40 Bromochloromethane	128	2.766	2.766	(0.772)	1215	1.00000	1.0
	42 Chloroform	83	2.821	2.827	(0.787)	4096	1.00000	1.1
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	2563	1.00000	0.95(a)
	39 Ethyl Acetate	70	2.930	2.931	(0.818)	290	2.00000	1.4(a)
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	1101	1.00000	1.5
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	3346	1.00000	1.0
	46 1,1-Dichloropropene	75	3.058	3.053	(0.854)	3292	1.00000	1.0
	38 2-Butanone	72	3.058	3.059	(0.854)	1242	5.00000	3.5(a)
	48 Benzene	78	3.241	3.242	(0.467)	9858	1.00000	1.1
	51 n-Heptane	57	3.241	3.242	(0.905)	1298	1.00000	0.97(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	106413	50.0000	52
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	5832	1.00000	0.96(a)
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	2824	1.00000	1.0
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	468015	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	6533	2.00000	1.8(a)
	56 Methyl cyclohexane	83	3.711	3.717	(1.036)	3179	1.00000	0.90(a)
	54 Trichloroethene	95	3.723	3.723	(1.039)	2437	1.00000	1.1
	58 Dibromomethane	93	4.083	4.089	(1.140)	1309	1.00000	1.00
	53 n-Butanol	56	4.113	4.119	(1.148)	18205	500.000	390(a)
	57 1,2-Dichloropropane	63	4.186	4.180	(1.168)	2282	1.00000	0.97(Ta)
	55 Ethyl Acrylate	55	4.266	4.260	(1.191)	2260	1.00000	0.90(a)
	68 Bromodichloromethane	83	4.259	4.260	(1.189)	2900	1.00000	0.99(a)
	59 Methyl Methacrylate	100	4.455	4.461	(1.243)	407	1.00000	0.65(a)
	75 Propyl Acetate	43	4.619	4.613	(1.289)	4920	2.00000	1.8(a)
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	918	1.00000	0.81(aM)
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	3647	1.00000	0.99(aM)
$	65 Toluene-d8 (SUR)	98	5.095	5.101	(0.733)	401520	50.0000	52
	66 Toluene	91	5.150	5.150	(0.741)	13124	1.00000	1.2
	63 Epichlorohydrin	57	5.174	5.174	(0.745)	3245	20.0000	18

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05008.d
Report Date: 05-Jul-2012 16:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	2842	1.00000	1.1
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	9019	5.00000	4.9(a)
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	2993	1.00000	0.92(a)
	69 1,1,2-Trichloroethane	83	5.820	5.814	(0.838)	1680	1.00000	1.0
	74 Dibromochloromethane	129	6.015	6.009	(0.866)	2115	1.00000	0.92(a)
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	3545	1.00000	1.0
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	1936	1.00000	0.96(a)
	76 Butyl Acetate	73	6.619	6.613	(0.953)	853	2.00000	1.6(a)
	73 2-Hexanone	43	6.674	6.674	(0.960)	5801	5.00000	4.2(a)
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	369754	50.0000	
	79 Chlorobenzene	112	6.966	6.966	(1.003)	7695	1.00000	1.1
	81 Ethylbenzene	106	7.058	7.058	(1.016)	3688	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	2310	1.00000	0.97(a)
	82 m+p-Xylene	106	7.271	7.271	(1.046)	10767	2.00000	2.3
	84 o-Xylene	106	7.856	7.856	(1.131)	4790	1.00000	1.0
	86 Bromoform	173	7.911	7.911	(1.139)	1401	1.00000	0.85(a)
	85 Styrene	104	7.942	7.942	(1.143)	7783	1.00000	1.0
	87 Amyl Acetate	43	8.003	7.997	(0.765)	1375	1.00000	0.84(aM)
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	1253	1.00000	0.66(a)
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	12159	1.00000	1.0
	90 Camphene (total)	41	8.460	8.460	(1.218)	644	1.00000	0.89(a)
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	166839	50.0000	48
	91 Bromobenzene	156	8.813	8.814	(0.842)	3448	1.00000	1.0
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	14931	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	2484	1.00000	0.94(a)
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	8932	1.00000	1.0
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	642	1.00000	0.82(a)
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	11258	1.00000	1.1
	94 trans-1,4-Dichloro-2-butene	53	9.368	9.374	(0.895)	523	1.00000	0.67(a)
	98 4-Chlorotoluene	91	9.405	9.411	(0.899)	9421	1.00000	1.0
	100 tert-Butylbenzene	119	9.789	9.789	(0.935)	8787	1.00000	1.00
	101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	13832	1.00000	1.2
	99 Butyl Methacrylate	87	9.923	9.929	(0.948)	2775	1.00000	0.80(a)
	103 sec-Butylbenzene	105	10.082	10.082	(0.963)	12709	1.00000	1.0
	105 1,3-Dichlorobenzene	146	10.331	10.332	(0.987)	6894	1.00000	1.1
	107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	11199	1.00000	1.0
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	233832	50.0000	
	109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	7158	1.00000	1.1
	102 2-Octanone	43	10.856	10.862	(1.037)	2693	1.00000	0.84(a)
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	4443	1.00000	0.90(a)
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	10416	1.00000	1.1
	111 1,2-Dichlorobenzene	146	11.148	11.149	(1.065)	6526	1.00000	1.1
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	354	1.00000	0.80(a)
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	4435	1.00000	1.1
	115 Hexachlorobutadiene	225	12.989	12.990	(1.241)	2067	1.00000	1.2
	116 Naphthalene	128	13.264	13.264	(1.267)	9137	1.00000	1.1
	117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	3679	1.00000	1.0

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05008.d
Report Date: 05-Jul-2012 16:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				4663	2.00000	2.1
M 121 Xylene (Total)	100				15557	3.00000	3.3

QC Flag Legend

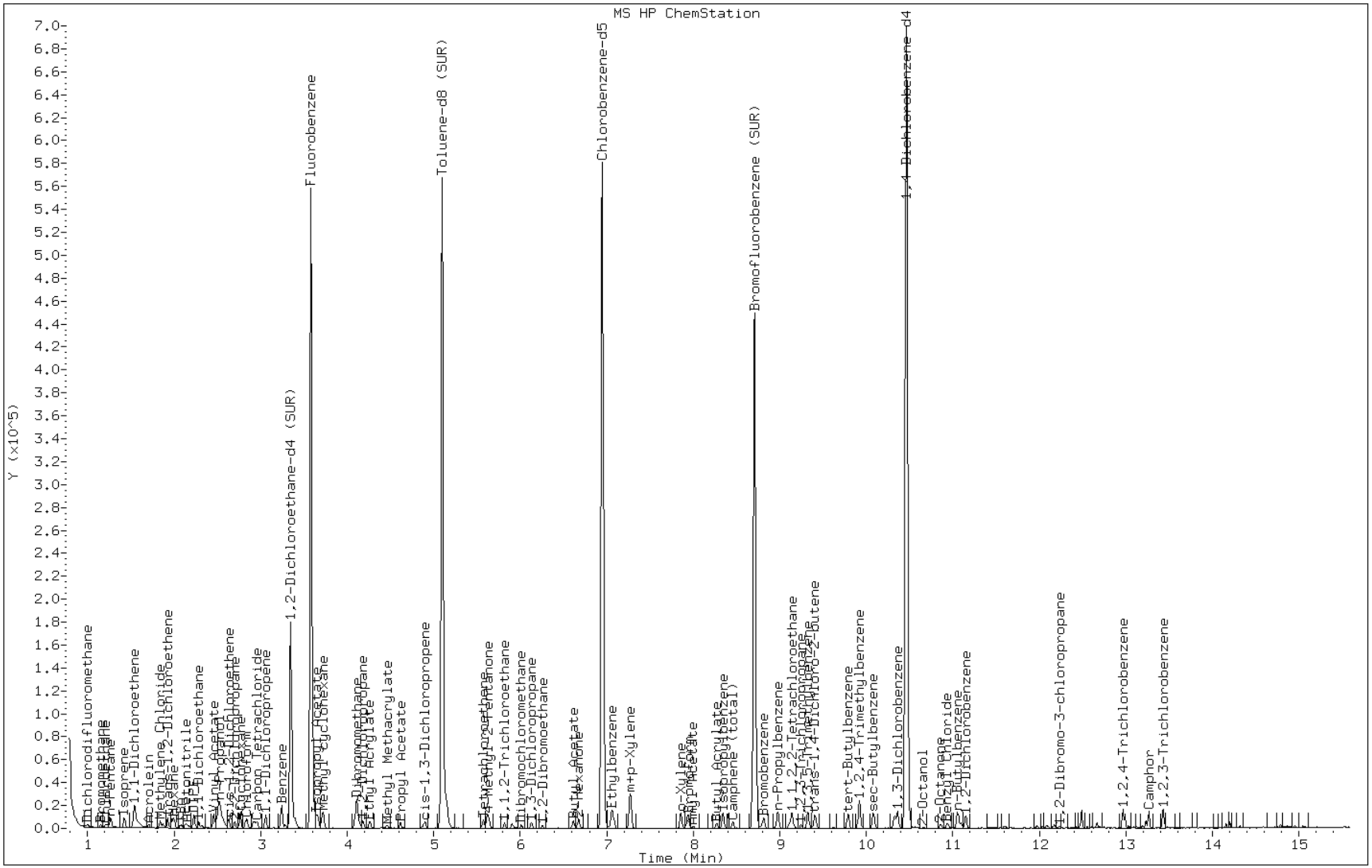
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: e05008.d

Date: 03-JUL-2012 09:31

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL1 Operator: VOAMS5



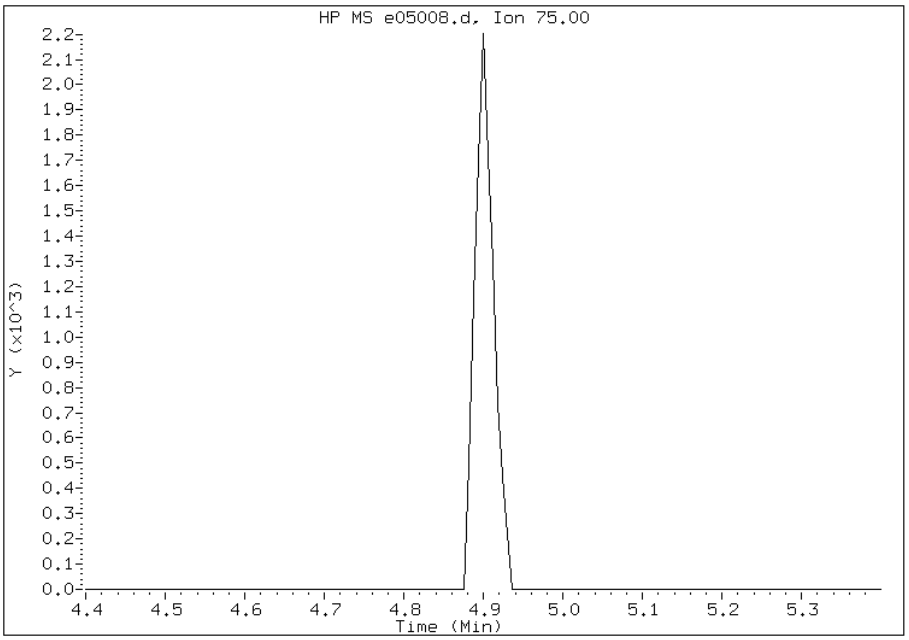
Manual Integration Report

Data File: e05008.d
Inj. Date and Time: 03-JUL-2012 09:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 67 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 07/05/2012

Processing Integration Results

Not Detected

Expected RT: 4.90



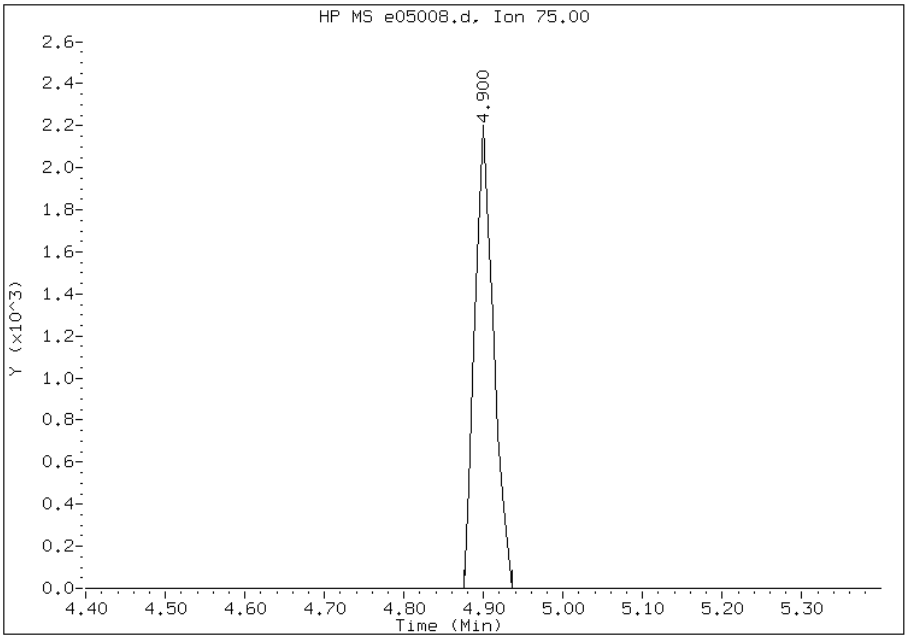
Manual Integration Results

RT: 4.90

Response: 3647

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

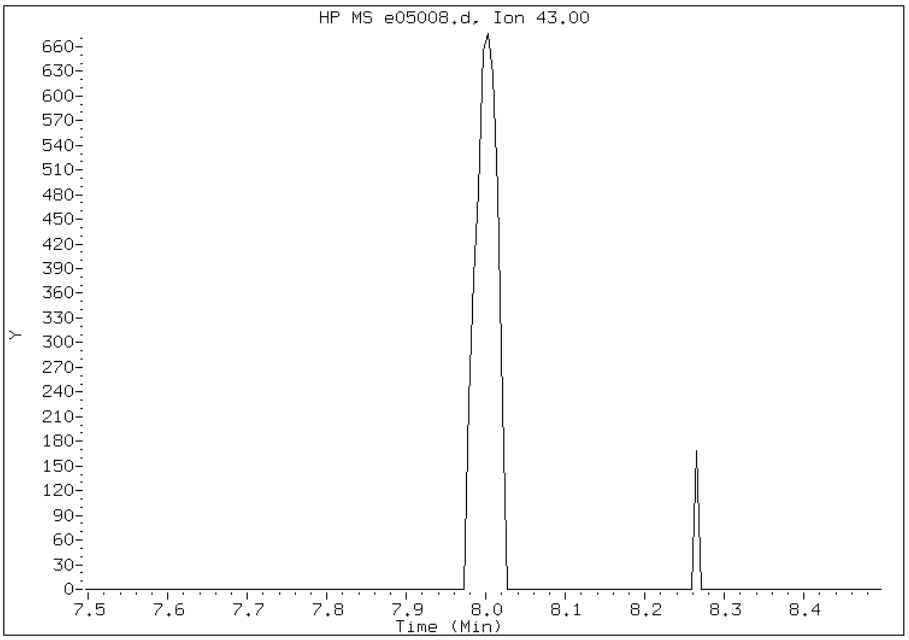
Manual Integration Report

Data File: e05008.d
Inj. Date and Time: 03-JUL-2012 09:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 87 Amyl Acetate
CAS #: 628-63-7
Report Date: 07/05/2012

Processing Integration Results

Not Detected

Expected RT: 8.00



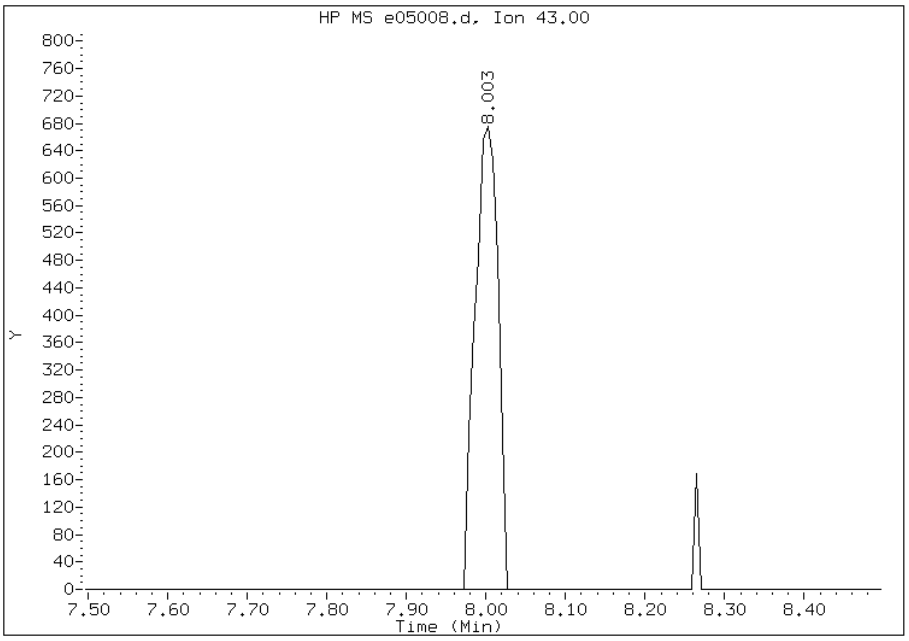
Manual Integration Results

RT: 8.00

Response: 1375

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

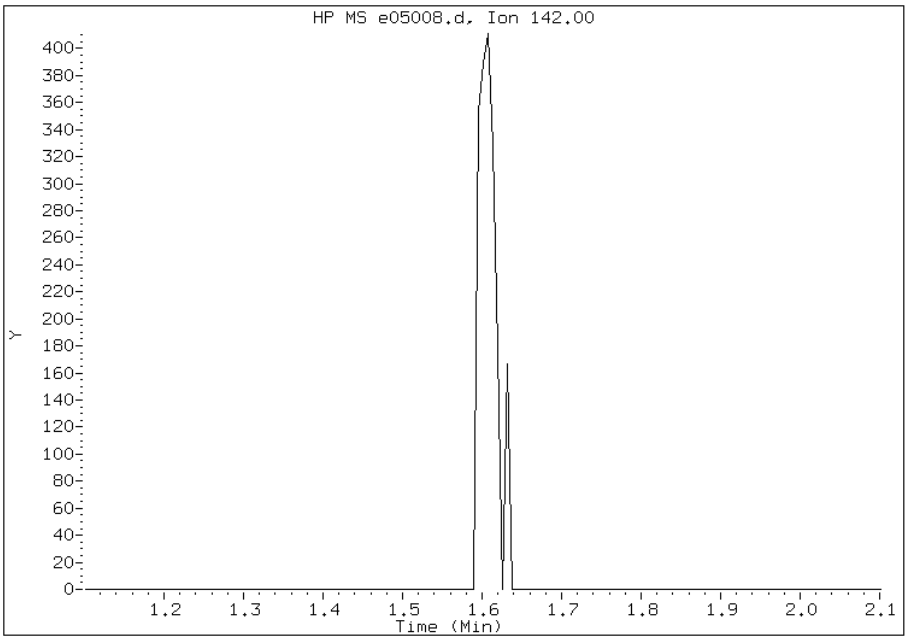
Manual Integration Report

Data File: e05008.d
Inj. Date and Time: 03-JUL-2012 09:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 17 Iodomethane
CAS #: 74-88-4
Report Date: 07/05/2012

Processing Integration Results

Not Detected

Expected RT: 1.60



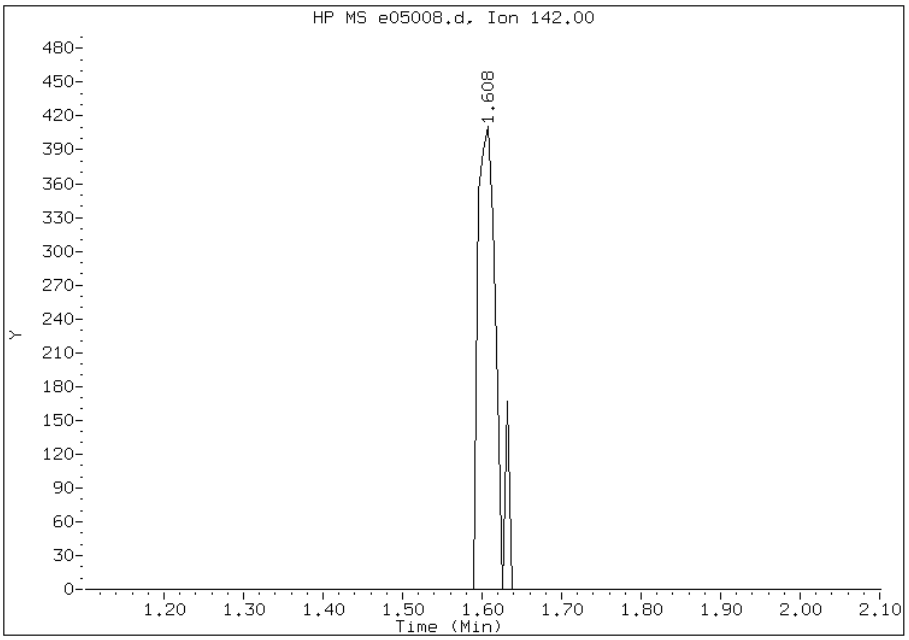
Manual Integration Results

RT: 1.61

Response: 667

Amount: 0

Conc: 0



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

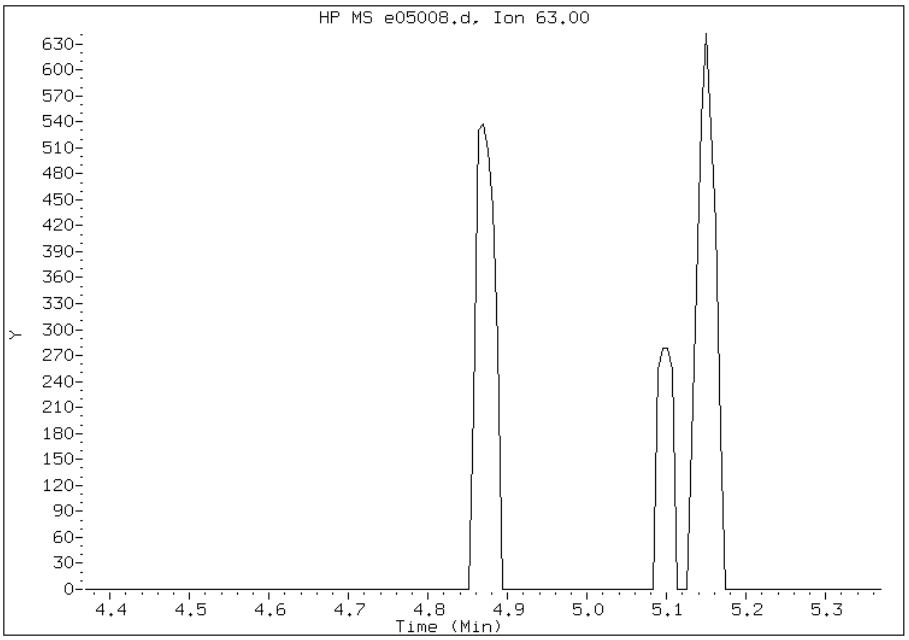
Manual Integration Report

Data File: e05008.d
Inj. Date and Time: 03-JUL-2012 09:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 62 2-Chloroethyl Vinyl Ether
CAS #: 110-75-8
Report Date: 07/05/2012

Processing Integration Results

Not Detected

Expected RT: 4.87



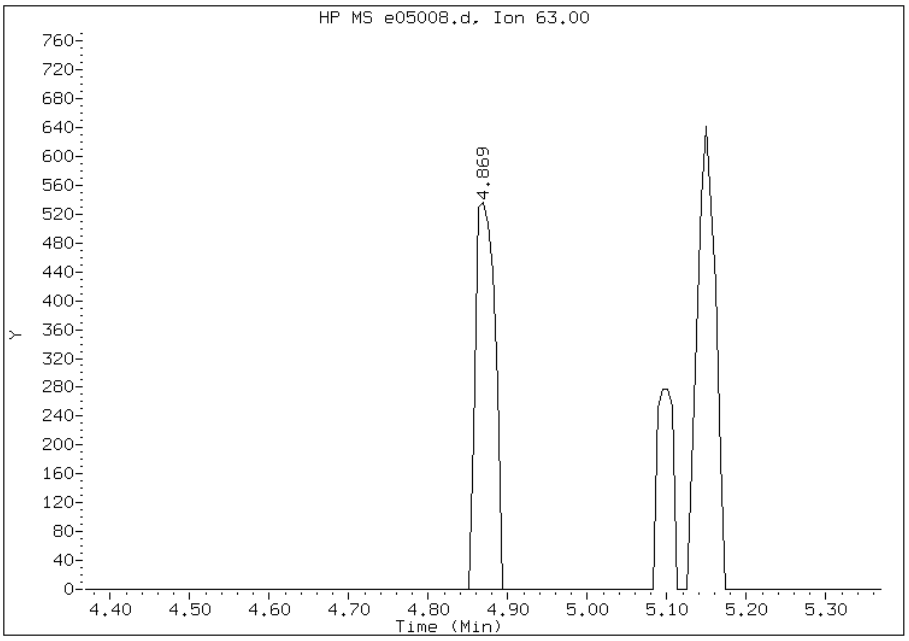
Manual Integration Results

RT: 4.87

Response: 918

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

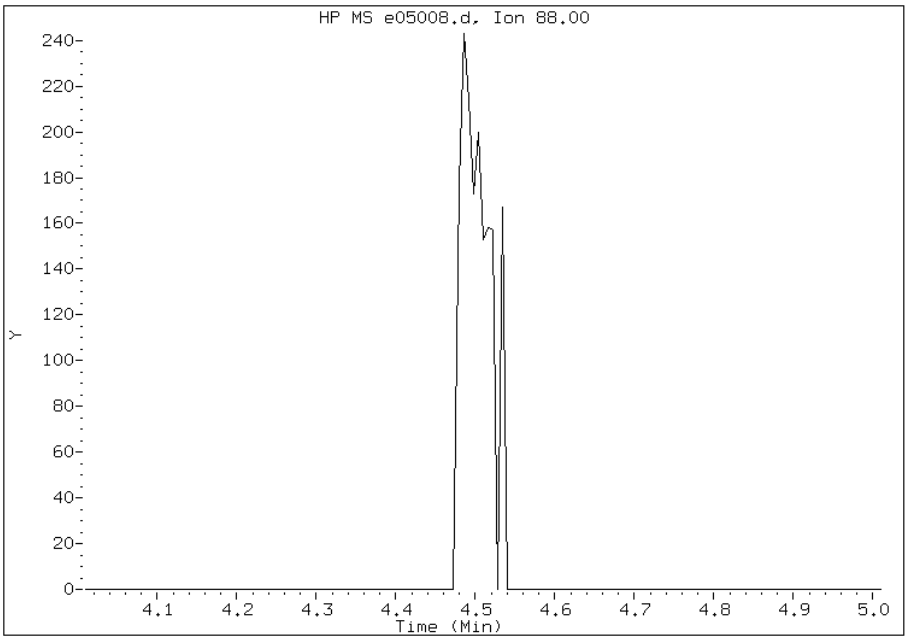
Manual Integration Report

Data File: e05008.d
Inj. Date and Time: 03-JUL-2012 09:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 60 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/05/2012

Processing Integration Results

Not Detected

Expected RT: 4.51



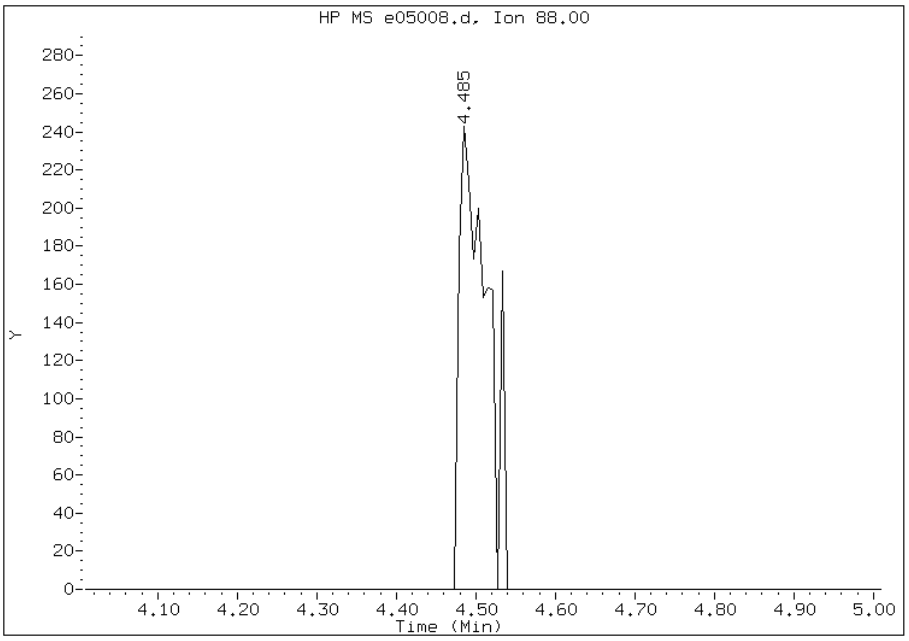
Manual Integration Results

RT: 4.49

Response: 600

Amount: 30

Conc: 30



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05010.d
Report Date: 05-Jul-2012 16:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05010.d
Lab Smp Id: IC-VMCAL2
Inj Date : 03-JUL-2012 10:18
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 05-Jul-2012 16:13 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 10:18 Cal File: e05010.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	9335	5.00000	5.4
3 Chloromethane	50	0.980	0.986	(0.273)	14470	5.00000	5.2
4 Vinyl Chloride	62	0.998	0.998	(0.279)	13018	5.00000	5.3
6 Bromomethane	94	1.150	1.150	(0.321)	6202	5.00000	4.9
5 Chloroethane	64	1.205	1.205	(0.336)	6090	5.00000	5.6
8 n-Pentane	72	1.266	1.266	(0.353)	961	5.00000	4.6(a)
7 Trichlorofluoromethane	101	1.266	1.272	(0.353)	11873	5.00000	5.2
10 Isoprene	67	1.413	1.413	(0.394)	11272	5.00000	4.4
11 Ethyl Ether	59	1.437	1.437	(0.401)	8258	5.00000	5.0
15 1,1-Dichloroethene	96	1.522	1.528	(0.425)	7717	5.00000	4.6
14 Freon TF	101	1.541	1.547	(0.430)	8001	5.00000	4.4
18 Carbon Disulfide	76	1.541	1.541	(0.430)	26771	5.00000	4.4
17 Iodomethane	142	1.602	1.602	(0.447)	5313	5.00000	1.6
9 Ethanol	46	1.553	1.559	(0.433)	20014	2000.00	1800

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05010.d
Report Date: 05-Jul-2012 16:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.476)	6614	20.0000	20
	22 Methylene Chloride	84	1.839	1.839	(0.513)	11198	5.00000	4.7
	16 Acetone	58	1.876	1.870	(0.524)	2761	15.0000	15
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	10199	5.00000	4.8
	27 Methyl Acetate	74	1.943	1.943	(0.542)	1712	5.00000	4.7
	29 Hexane	86	1.973	1.973	(0.551)	2547	5.00000	4.6
	28 MTBE	73	1.998	1.998	(0.558)	31009	5.00000	4.9
	24 TBA	59	2.083	2.083	(0.581)	18657	100.000	97
	21 Acetonitrile	39	2.132	2.132	(0.595)	5507	100.000	100(M)
	32 DIPE	45	2.229	2.230	(0.622)	37856	5.00000	4.7
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	19780	5.00000	4.8
	26 Acrylonitrile	53	2.321	2.321	(0.648)	7490	10.0000	10
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	18587	5.00000	4.6
	35 t-Butyl-ethyl-ether	59	2.455	2.455	(0.685)	34333	5.00000	4.8
	34 n-Propanol	42	2.534	2.534	(0.707)	21716	2000.00	2000
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	11705	5.00000	4.9
	37 2,2-Dichloropropane	77	2.699	2.699	(0.753)	14030	5.00000	4.6
	44 Cyclohexane	56	2.766	2.766	(0.772)	16130	5.00000	4.5
	40 Bromochloromethane	128	2.766	2.766	(0.772)	6167	5.00000	5.1
	42 Chloroform	83	2.827	2.827	(0.789)	17942	5.00000	4.7
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	12585	5.00000	4.6
	39 Ethyl Acetate	70	2.931	2.931	(0.818)	1964	10.0000	9.6
	41 Tetrahydrofuran	42	2.949	2.943	(0.823)	4988	5.00000	6.6
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	15088	5.00000	4.6
	46 1,1-Dichloropropene	75	3.053	3.053	(0.852)	15110	5.00000	4.5
	38 2-Butanone	72	3.059	3.059	(0.854)	3877	15.0000	11
	48 Benzene	78	3.241	3.242	(0.467)	45884	5.00000	4.9
	51 n-Heptane	57	3.241	3.242	(0.905)	6581	5.00000	4.8(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	106652	50.0000	52
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	29299	5.00000	4.8
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	13683	5.00000	4.9
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	475575	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	32766	10.0000	9.1
	56 Methyl cyclohexane	83	3.711	3.717	(1.036)	16192	5.00000	4.5
	54 Trichloroethene	95	3.729	3.723	(1.041)	10840	5.00000	4.6
	58 Dibromomethane	93	4.089	4.089	(1.141)	6218	5.00000	4.7
	53 n-Butanol	56	4.119	4.119	(1.150)	44043	1000.00	930
	57 1,2-Dichloropropane	63	4.180	4.180	(1.167)	11826	5.00000	4.9
	55 Ethyl Acrylate	55	4.260	4.260	(1.189)	11912	5.00000	4.7
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	14036	5.00000	4.7
	59 Methyl Methacrylate	100	4.455	4.461	(1.243)	2529	5.00000	4.0
	60 1,4-Dioxane	88	4.522	4.510	(1.262)	2057	100.000	100
	75 Propyl Acetate	43	4.613	4.613	(1.288)	27059	10.0000	9.6
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	5894	5.00000	5.1
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	18157	5.00000	4.7
$	65 Toluene-d8 (SUR)	98	5.095	5.101	(0.733)	415179	50.0000	51
	66 Toluene	91	5.150	5.150	(0.741)	54949	5.00000	4.9

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05010.d
Report Date: 05-Jul-2012 16:13

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	63 Epichlorohydrin	57	5.174	5.174	(0.745)	17911	100.000	94
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	12995	5.00000	4.6
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	27412	15.0000	14
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	15727	5.00000	4.6
	69 1,1,2-Trichloroethane	83	5.820	5.814	(0.838)	8195	5.00000	4.9
	74 Dibromochloromethane	129	6.015	6.009	(0.866)	10759	5.00000	4.5
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	17575	5.00000	4.8
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	10196	5.00000	4.8
	76 Butyl Acetate	73	6.613	6.613	(0.952)	5240	10.0000	9.2
	73 2-Hexanone	43	6.674	6.674	(0.961)	21296	15.0000	14
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	387932	50.0000	
	79 Chlorobenzene	112	6.966	6.966	(1.003)	36049	5.00000	4.9
	81 Ethylbenzene	106	7.058	7.058	(1.016)	18272	5.00000	4.7
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	11787	5.00000	4.7
	82 m+p-Xylene	106	7.271	7.271	(1.046)	47043	10.0000	9.4
	84 o-Xylene	106	7.856	7.856	(1.131)	22966	5.00000	4.8
	86 Bromoform	173	7.911	7.911	(1.139)	7832	5.00000	4.5
	85 Styrene	104	7.942	7.942	(1.143)	38375	5.00000	4.7
	87 Amyl Acetate	43	8.003	7.997	(0.765)	7372	5.00000	4.5
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	7332	5.00000	3.7
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	58689	5.00000	4.7
	90 Camphene (total)	41	8.460	8.460	(1.218)	3604	5.00000	4.8
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	175003	50.0000	50
	91 Bromobenzene	156	8.820	8.814	(0.843)	16826	5.00000	4.9
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	67776	5.00000	4.6
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	12995	5.00000	4.9
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	42066	5.00000	4.8
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	3972	5.00000	5.1
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	48768	5.00000	4.6
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	3074	5.00000	3.9
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	45139	5.00000	4.8
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	40763	5.00000	4.6
	101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	52849	5.00000	4.6
	99 Butyl Methacrylate	87	9.923	9.929	(0.948)	15210	5.00000	4.3
	103 sec-Butylbenzene	105	10.082	10.082	(0.963)	58650	5.00000	4.7
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	30811	5.00000	4.8
	107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	51105	5.00000	4.6
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	235635	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	31265	5.00000	4.8
	102 2-Octanone	43	10.862	10.862	(1.038)	14205	5.00000	4.4
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	22215	5.00000	4.4
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	43861	5.00000	4.6
	111 1,2-Dichlorobenzene	146	11.148	11.149	(1.065)	30324	5.00000	4.9
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	2107	5.00000	4.7
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	19991	5.00000	4.8
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	8287	5.00000	4.7
	116 Naphthalene	128	13.264	13.264	(1.267)	39521	5.00000	4.7

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05010.d
Report Date: 05-Jul-2012 16:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	17093	5.00000	4.8
M 120 1,2-Dichloroethene (Total)	100				21904	10.0000	9.7
M 121 Xylene (Total)	100				70009	15.0000	14

QC Flag Legend

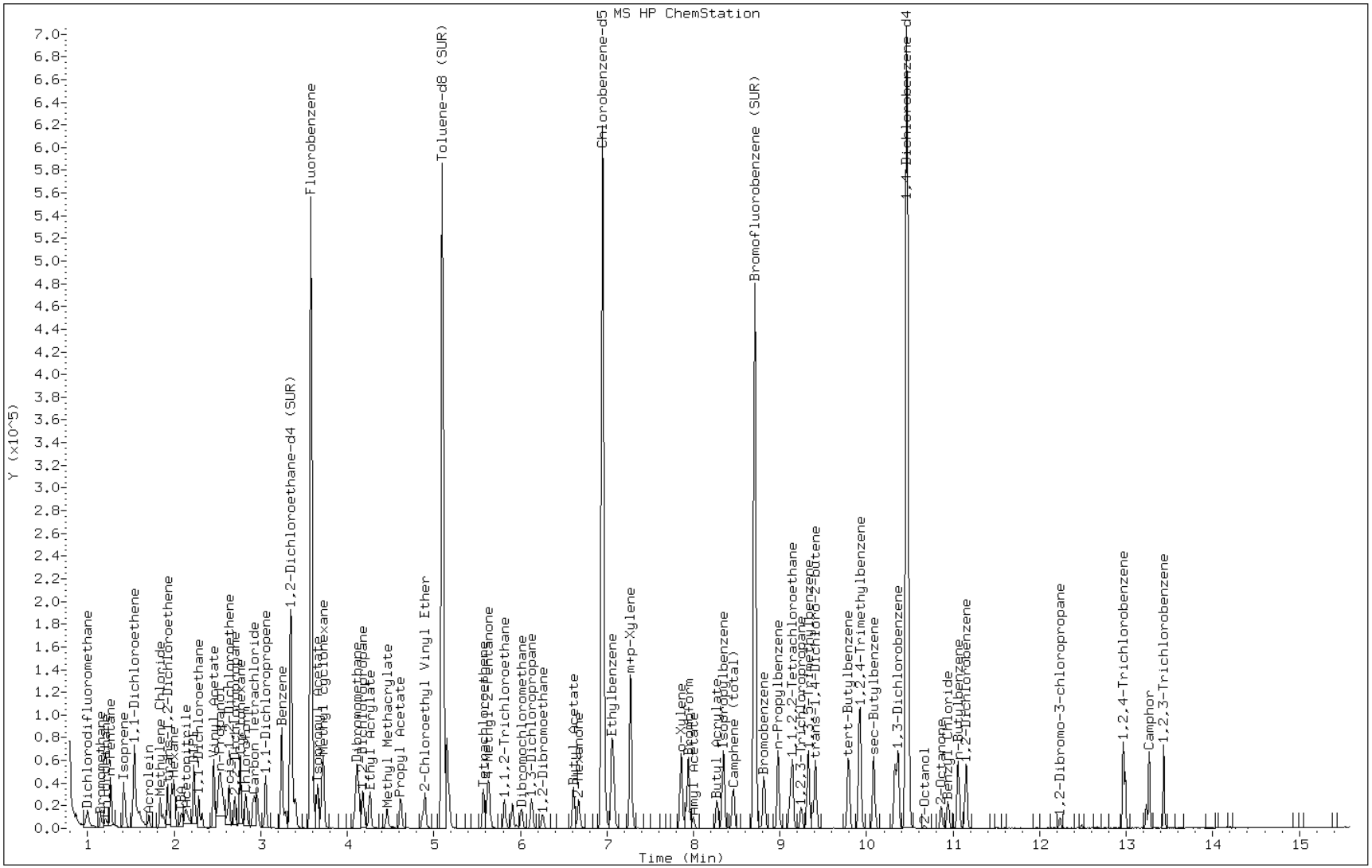
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: e05010.d

Date: 03-JUL-2012 10:18

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL2 Operator: VOAMS5



Manual Integration Report

Data File: e05010.d
Inj. Date and Time: 03-JUL-2012 10:18
Instrument ID: VOAMS5.i
Client ID:
Compound: 21 Acetonitrile
CAS #: 75-05-8
Report Date: 07/05/2012

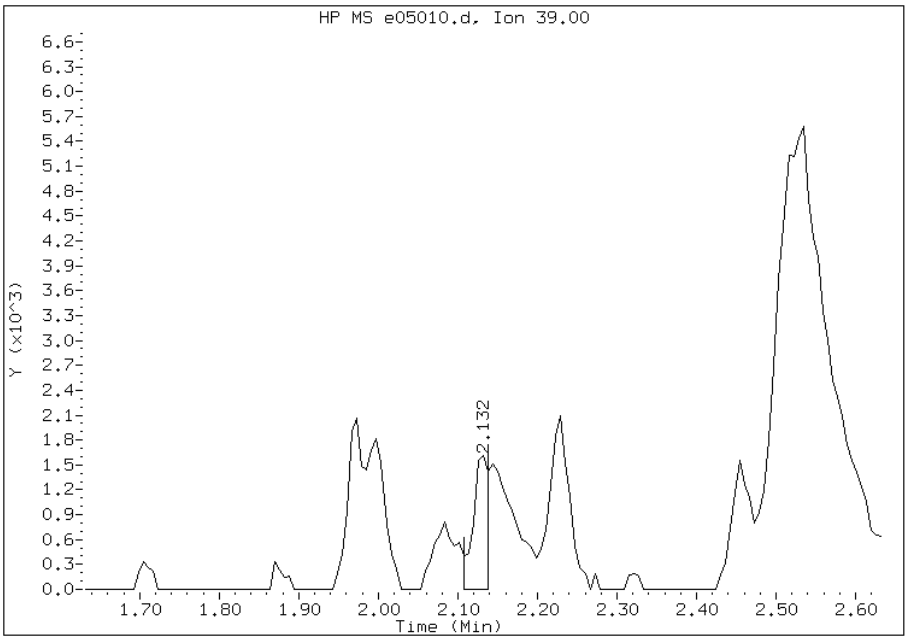
Processing Integration Results

RT: 2.13

Response: 2282

Amount: 49

Conc: 49



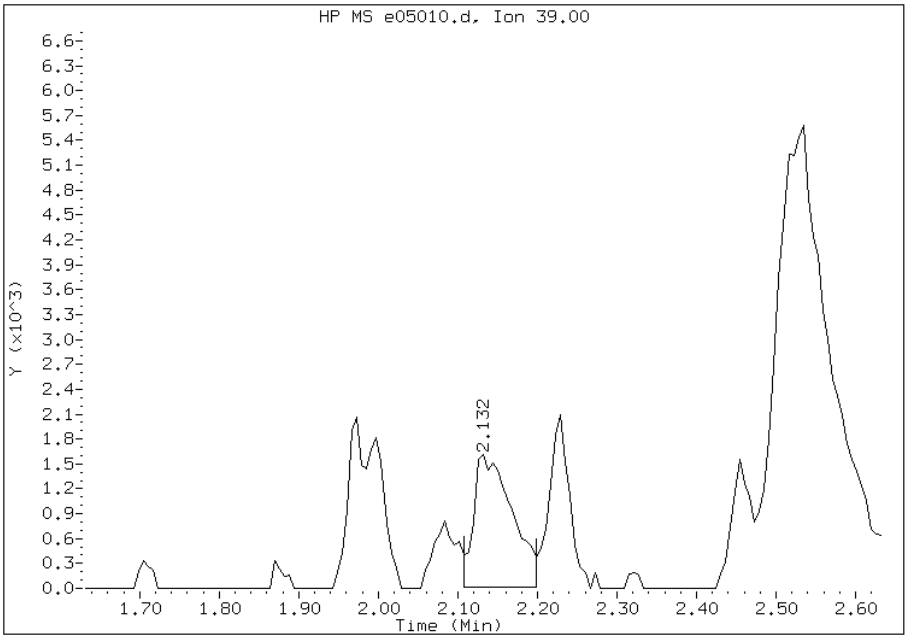
Manual Integration Results

RT: 2.13

Response: 5507

Amount: 105

Conc: 105



Manually Integrated By: vibha
Manual Integration Reason: Split Peak

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05011.d
Report Date: 03-Jul-2012 13:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05011.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 03-JUL-2012 10:41
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 03-Jul-2012 13:43 audberto Quant Type: ISTD
Cal Date : 03-JUL-2012 10:41 Cal File: e05011.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	38170	20.0000	21
3 Chloromethane	50	0.986	0.986	(0.275)	58446	20.0000	21
4 Vinyl Chloride	62	0.998	0.998	(0.279)	53601	20.0000	22
6 Bromomethane	94	1.150	1.150	(0.321)	25642	20.0000	20
5 Chloroethane	64	1.205	1.205	(0.336)	23049	20.0000	20
8 n-Pentane	72	1.266	1.266	(0.353)	4433	20.0000	22
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	48732	20.0000	22
10 Isoprene	67	1.413	1.413	(0.394)	53182	20.0000	21
11 Ethyl Ether	59	1.437	1.437	(0.401)	33136	20.0000	20
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	34176	20.0000	20
14 Freon TF	101	1.547	1.547	(0.432)	36220	20.0000	21
18 Carbon Disulfide	76	1.541	1.541	(0.430)	124933	20.0000	21
17 Iodomethane	142	1.602	1.602	(0.447)	36439	20.0000	20
9 Ethanol	46	1.559	1.559	(0.435)	31427	3000.00	3100

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05011.d
Report Date: 03-Jul-2012 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.476)	13529	40.0000	40
	22 Methylene Chloride	84	1.839	1.839	(0.513)	43763	20.0000	18
	16 Acetone	58	1.870	1.870	(0.522)	3706	20.0000	20
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	42129	20.0000	20
	27 Methyl Acetate	74	1.943	1.943	(0.542)	7947	20.0000	23
	29 Hexane	86	1.973	1.973	(0.551)	12077	20.0000	22
	28 MTBE	73	1.998	1.998	(0.558)	125799	20.0000	20
	24 TBA	59	2.083	2.083	(0.581)	78441	400.000	420
	21 Acetonitrile	39	2.132	2.132	(0.595)	22788	400.000	490
	32 DIPE	45	2.230	2.230	(0.622)	162510	20.0000	20
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	82879	20.0000	20
	26 Acrylonitrile	53	2.321	2.321	(0.648)	14715	20.0000	20
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	79725	20.0000	20
	35 t-Butyl-ethyl-ether	59	2.455	2.455	(0.685)	144423	20.0000	20
	34 n-Propanol	42	2.534	2.534	(0.707)	33050	3000.00	3100
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	48016	20.0000	20
	37 2,2-Dichloropropane	77	2.699	2.699	(0.753)	58392	20.0000	19
	44 Cyclohexane	56	2.766	2.766	(0.772)	73476	20.0000	21
	40 Bromochloromethane	128	2.766	2.766	(0.772)	24299	20.0000	20
	42 Chloroform	83	2.827	2.827	(0.789)	76297	20.0000	20
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	52149	20.0000	20
	39 Ethyl Acetate	70	2.931	2.931	(0.818)	8406	40.0000	44
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	17920	20.0000	23
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	64152	20.0000	20
	46 1,1-Dichloropropene	75	3.053	3.053	(0.852)	65947	20.0000	20
	38 2-Butanone	72	3.059	3.059	(0.854)	7103	20.0000	20
	48 Benzene	78	3.242	3.242	(0.467)	186477	20.0000	20
	51 n-Heptane	57	3.242	3.242	(0.905)	28532	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	98846	50.0000	49
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	124980	20.0000	21
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	54624	20.0000	20
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	473246	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	148362	40.0000	43
	56 Methyl cyclohexane	83	3.717	3.717	(1.037)	73889	20.0000	21
	54 Trichloroethene	95	3.723	3.723	(1.039)	45413	20.0000	20
	58 Dibromomethane	93	4.089	4.089	(1.141)	26873	20.0000	20
	53 n-Butanol	56	4.119	4.119	(1.150)	70502	1500.00	1500
	57 1,2-Dichloropropane	63	4.180	4.180	(1.167)	47307	20.0000	20
	55 Ethyl Acrylate	55	4.260	4.260	(1.189)	51793	20.0000	21
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	56907	20.0000	20
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	11784	20.0000	20
	60 1,4-Dioxane	88	4.510	4.510	(1.259)	3097	150.000	150
	75 Propyl Acetate	43	4.613	4.613	(1.288)	115478	40.0000	42
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	24348	20.0000	21
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	75685	20.0000	19
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	406420	50.0000	51
	66 Toluene	91	5.150	5.150	(0.741)	217473	20.0000	19

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05011.d
Report Date: 03-Jul-2012 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	63 Epichlorohydrin	57	5.174	5.174	(0.745)	77916	400.000	420
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	55295	20.0000	20
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	38918	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.644	5.644	(0.812)	66548	20.0000	20
	69 1,1,2-Trichloroethane	83	5.814	5.814	(0.837)	33099	20.0000	20
	74 Dibromochloromethane	129	6.009	6.009	(0.865)	46193	20.0000	20
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	71390	20.0000	20
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	41357	20.0000	20
	76 Butyl Acetate	73	6.613	6.613	(0.952)	23329	40.0000	43
	73 2-Hexanone	43	6.674	6.674	(0.961)	30734	20.0000	22
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	386229	50.0000	
	79 Chlorobenzene	112	6.966	6.966	(1.003)	144374	20.0000	20
	81 Ethylbenzene	106	7.058	7.058	(1.016)	76893	20.0000	20
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	48032	20.0000	20
	82 m+p-Xylene	106	7.271	7.271	(1.046)	196155	40.0000	39
	84 o-Xylene	106	7.856	7.856	(1.131)	95958	20.0000	20
	86 Bromoform	173	7.911	7.911	(1.139)	32950	20.0000	20
	85 Styrene	104	7.942	7.942	(1.143)	162977	20.0000	20
	87 Amyl Acetate	43	7.997	7.997	(0.764)	32148	20.0000	20
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	34751	20.0000	17
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	248480	20.0000	20
	90 Camphene (total)	41	8.460	8.460	(1.218)	15512	20.0000	21
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	171150	50.0000	51
	91 Bromobenzene	156	8.814	8.814	(0.842)	67259	20.0000	20
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	291065	20.0000	20
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	51959	20.0000	20
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	172455	20.0000	20
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	15905	20.0000	21
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	208121	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	14976	20.0000	19
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	185708	20.0000	20
	100 tert-Butylbenzene	119	9.789	9.789	(0.935)	176835	20.0000	20
	101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	217719	20.0000	19
	99 Butyl Methacrylate	87	9.929	9.929	(0.949)	70092	20.0000	21
	103 sec-Butylbenzene	105	10.082	10.082	(0.963)	251472	20.0000	20
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	124521	20.0000	20
	107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	221555	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	233543	50.0000	
	109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	129423	20.0000	20
	102 2-Octanone	43	10.862	10.862	(1.038)	63557	20.0000	21
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	98212	20.0000	21
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	187769	20.0000	20
	111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	120205	20.0000	20
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	8848	20.0000	21
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	82874	20.0000	20
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	34500	20.0000	19
	116 Naphthalene	128	13.264	13.264	(1.267)	164972	20.0000	20

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05011.d
Report Date: 03-Jul-2012 13:43

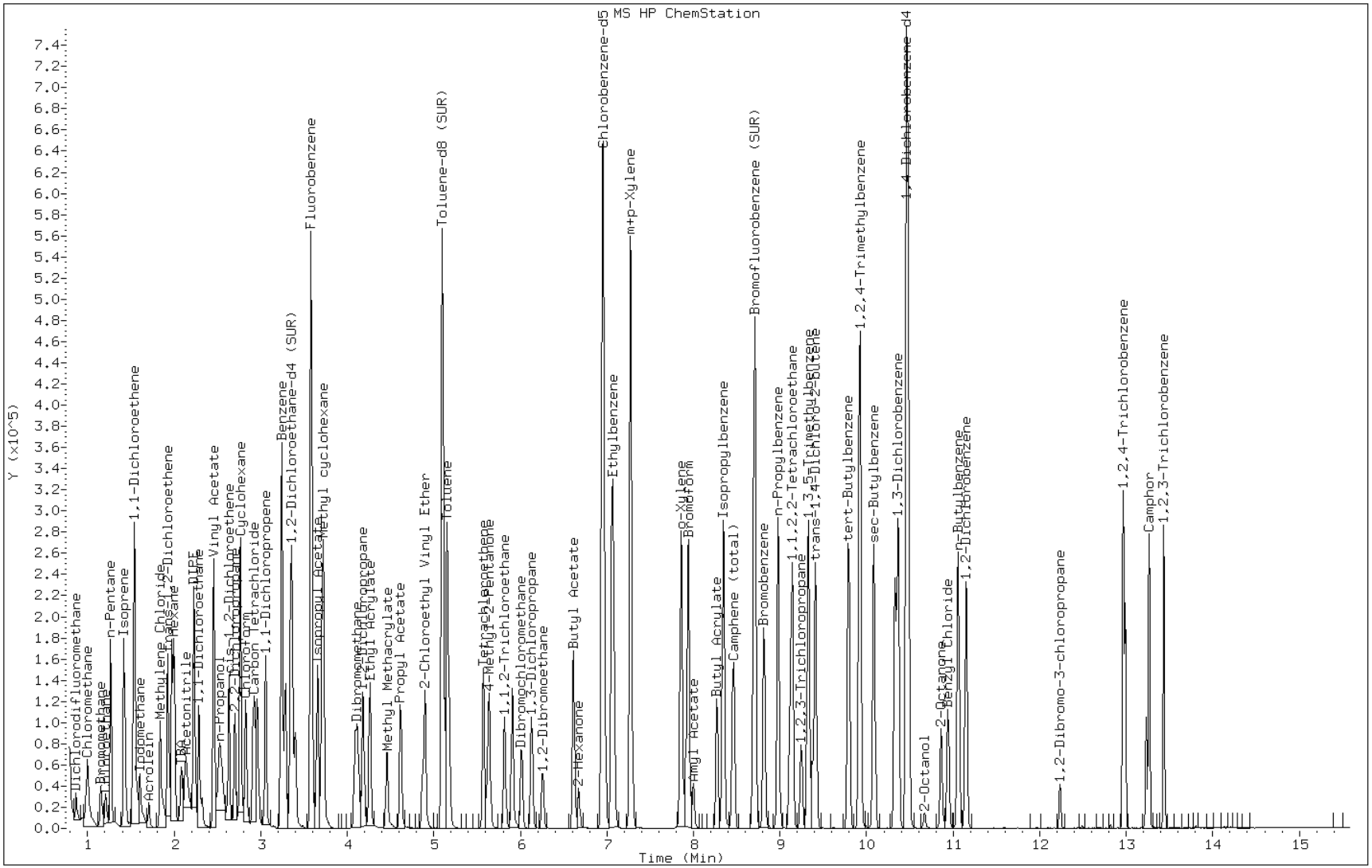
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	69343	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				90145	40.0000	40
M 121 Xylene (Total)	100				292113	60.0000	59

Data File: e05011.d

Date: 03-JUL-2012 10:41

Client ID: Instrument: VOAMS5.i

Sample Info: ICIS-VMCAL3 Operator: VOAMS5



Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05012.d
Report Date: 03-Jul-2012 13:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05012.d
Lab Smp Id: IC-VMCAL4
Inj Date : 03-JUL-2012 11:04
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 03-Jul-2012 13:43 audberto Quant Type: ISTD
Cal Date : 03-JUL-2012 11:04 Cal File: e05012.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	94620	50.0000	52
3 Chloromethane	50	0.986	0.986	(0.275)	143080	50.0000	52
4 Vinyl Chloride	62	0.998	0.998	(0.279)	132710	50.0000	55
6 Bromomethane	94	1.150	1.150	(0.321)	61317	50.0000	50
5 Chloroethane	64	1.205	1.205	(0.336)	56904	50.0000	50
8 n-Pentane	72	1.266	1.266	(0.353)	10959	50.0000	55
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	121497	50.0000	55
10 Isoprene	67	1.419	1.413	(0.396)	131611	50.0000	52
11 Ethyl Ether	59	1.437	1.437	(0.401)	83028	50.0000	50
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	87010	50.0000	52
14 Freon TF	101	1.547	1.547	(0.432)	94844	50.0000	54
18 Carbon Disulfide	76	1.541	1.541	(0.430)	318375	50.0000	53
17 Iodomethane	142	1.602	1.602	(0.447)	118125	50.0000	52
9 Ethanol	46	1.553	1.559	(0.433)	40972	4000.00	4000

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Report Date: 03-Jul-2012 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.476)	33340	100.000	100
	22 Methylene Chloride	84	1.839	1.839	(0.513)	122078	50.0000	52
	16 Acetone	58	1.876	1.870	(0.524)	9065	50.0000	50
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	107732	50.0000	51
	27 Methyl Acetate	74	1.943	1.943	(0.542)	19920	50.0000	56
	29 Hexane	86	1.973	1.973	(0.551)	29162	50.0000	54
	28 MTBE	73	1.998	1.998	(0.558)	313439	50.0000	50
	24 TBA	59	2.089	2.083	(0.583)	197991	1000.00	1000
	21 Acetonitrile	39	2.138	2.132	(0.597)	53831	1000.00	1200
	32 DIPE	45	2.229	2.230	(0.622)	408008	50.0000	51
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	211440	50.0000	52
	26 Acrylonitrile	53	2.321	2.321	(0.648)	40940	50.0000	55
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	204444	50.0000	52
	35 t-Butyl-ethyl-ether	59	2.455	2.455	(0.685)	359495	50.0000	51
	34 n-Propanol	42	2.534	2.534	(0.707)	42947	4000.00	4100
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	120153	50.0000	51
	37 2,2-Dichloropropane	77	2.705	2.699	(0.755)	152521	50.0000	51
	44 Cyclohexane	56	2.766	2.766	(0.772)	185753	50.0000	53
	40 Bromochloromethane	128	2.766	2.766	(0.772)	61042	50.0000	51
	42 Chloroform	83	2.827	2.827	(0.789)	193336	50.0000	51
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	136484	50.0000	52
	39 Ethyl Acetate	70	2.931	2.931	(0.818)	22062	100.000	110
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	41933	50.0000	55
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	167475	50.0000	52
	46 1,1-Dichloropropene	75	3.059	3.053	(0.854)	169320	50.0000	52
	38 2-Butanone	72	3.059	3.059	(0.854)	17569	50.0000	50
	48 Benzene	78	3.241	3.242	(0.467)	467444	50.0000	51
	51 n-Heptane	57	3.241	3.242	(0.905)	69572	50.0000	52
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.351	3.345	(0.935)	105597	50.0000	52
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	310228	50.0000	52
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	140611	50.0000	51
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	466317	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	377162	100.000	110
	56 Methyl cyclohexane	83	3.717	3.717	(1.037)	184499	50.0000	53
	54 Trichloroethene	95	3.729	3.723	(1.041)	116185	50.0000	51
	58 Dibromomethane	93	4.089	4.089	(1.141)	67646	50.0000	52
	53 n-Butanol	56	4.119	4.119	(1.150)	93474	2000.00	2000
	57 1,2-Dichloropropane	63	4.180	4.180	(1.167)	119868	50.0000	51
	55 Ethyl Acrylate	55	4.260	4.260	(1.189)	130317	50.0000	53
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	148482	50.0000	51
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	30152	50.0000	51
	60 1,4-Dioxane	88	4.503	4.510	(1.257)	3985	200.000	190
	75 Propyl Acetate	43	4.613	4.613	(1.288)	283532	100.000	100
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	60143	50.0000	53
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	193827	50.0000	50
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	414193	50.0000	53
	66 Toluene	91	5.156	5.150	(0.742)	531430	50.0000	48

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Epichlorohydrin	57	5.180	5.174	(0.746)	194428	1000.00	1100
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	138905	50.0000	52
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	96775	50.0000	52
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	174639	50.0000	54
	69 1,1,2-Trichloroethane	83	5.820	5.814	(0.838)	81132	50.0000	50
	74 Dibromochloromethane	129	6.015	6.009	(0.866)	120348	50.0000	53
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	177970	50.0000	51
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	105391	50.0000	52
	76 Butyl Acetate	73	6.613	6.613	(0.952)	58240	100.000	110
	73 2-Hexanone	43	6.674	6.674	(0.960)	75900	50.0000	55
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	371014	50.0000	
	79 Chlorobenzene	112	6.972	6.966	(1.004)	354564	50.0000	50
	81 Ethylbenzene	106	7.064	7.058	(1.017)	190259	50.0000	52
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	122803	50.0000	52
	82 m+p-Xylene	106	7.277	7.271	(1.047)	488292	100.000	100
	84 o-Xylene	106	7.856	7.856	(1.131)	236431	50.0000	51
	86 Bromoform	173	7.911	7.911	(1.139)	85942	50.0000	53
	85 Styrene	104	7.942	7.942	(1.143)	404260	50.0000	52
	87 Amyl Acetate	43	8.003	7.997	(0.765)	80419	50.0000	52
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	89304	50.0000	47
	88 Isopropylbenzene	105	8.350	8.344	(1.202)	606673	50.0000	51
	90 Camphene (total)	41	8.460	8.460	(1.218)	37366	50.0000	52
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	172546	50.0000	53
	91 Bromobenzene	156	8.814	8.814	(0.842)	165854	50.0000	50
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	717260	50.0000	51
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	129081	50.0000	51
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	423827	50.0000	51
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	38774	50.0000	52
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	524415	50.0000	51
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	36956	50.0000	49
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	455803	50.0000	51
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	440011	50.0000	52
	101 1,2,4-Trimethylbenzene	105	9.923	9.917	(0.948)	538590	50.0000	49
	99 Butyl Methacrylate	87	9.929	9.929	(0.949)	178484	50.0000	55
	103 sec-Butylbenzene	105	10.088	10.082	(0.964)	622275	50.0000	52
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	310796	50.0000	50
	107 p-Isopropyltoluene	119	10.368	10.362	(0.991)	553148	50.0000	52
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	225557	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	319012	50.0000	50
	102 2-Octanone	43	10.862	10.862	(1.038)	155289	50.0000	52
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	249063	50.0000	53
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	465326	50.0000	51
	111 1,2-Dichlorobenzene	146	11.148	11.149	(1.065)	298065	50.0000	50
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	22707	50.0000	54
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	207890	50.0000	51
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	86490	50.0000	50
	116 Naphthalene	128	13.264	13.264	(1.267)	411036	50.0000	51

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Report Date: 03-Jul-2012 13:43

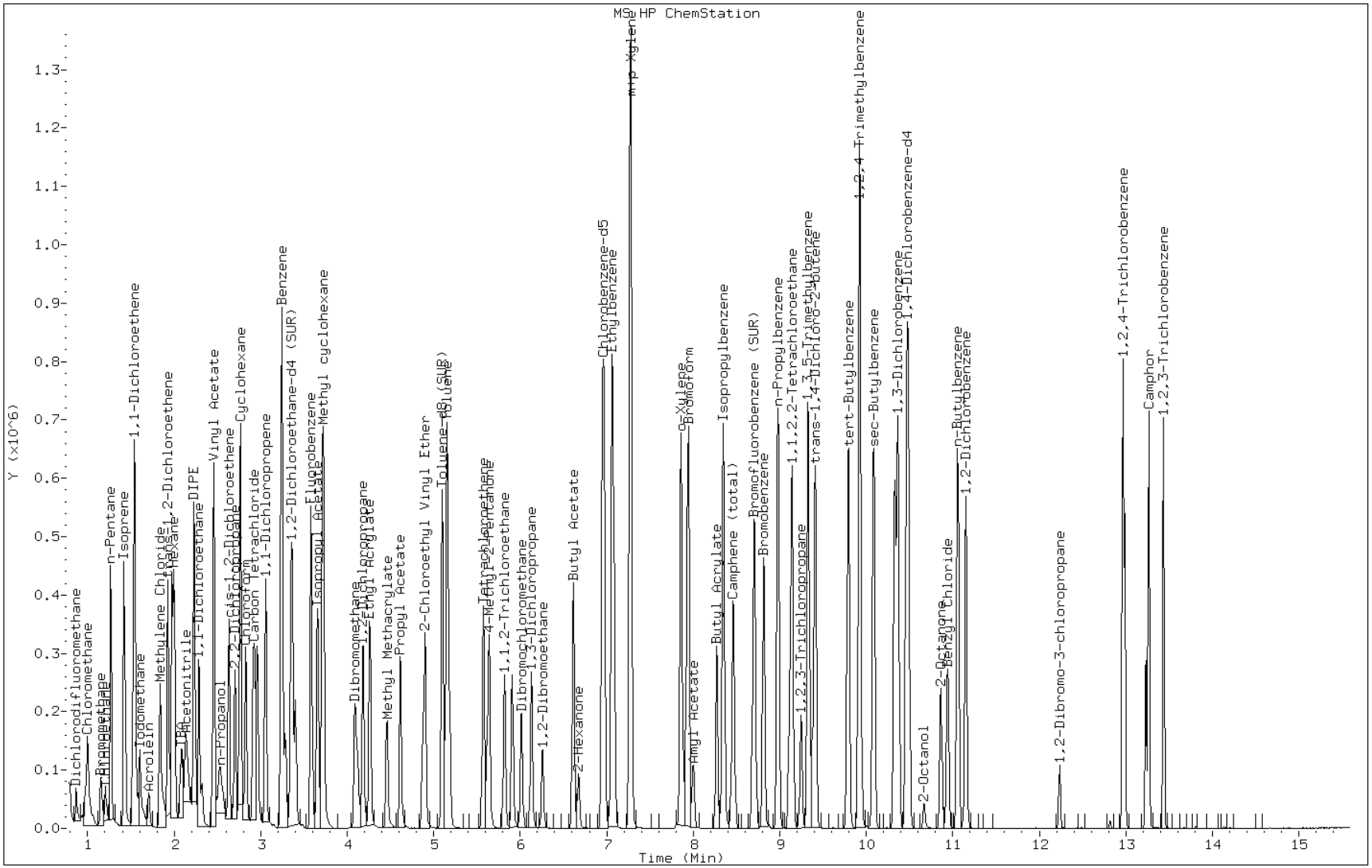
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	175455	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				227885	100.000	100
M 121 Xylene (Total)	100				724723	150.000	150

Data File: e05012.d

Date: 03-JUL-2012 11:04

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL4 Operator: VOAMS5



Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05013.d
Report Date: 03-Jul-2012 13:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05013.d
Lab Smp Id: IC-VMCAL5
Inj Date : 03-JUL-2012 11:28
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 03-Jul-2012 13:46 audberto Quant Type: ISTD
Cal Date : 03-JUL-2012 11:28 Cal File: e05013.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	376562	200.000	210
3 Chloromethane	50	0.986	0.986	(0.275)	561378	200.000	200
4 Vinyl Chloride	62	0.998	0.998	(0.279)	526364	200.000	210
6 Bromomethane	94	1.150	1.150	(0.321)	265321	200.000	200
5 Chloroethane	64	1.205	1.205	(0.336)	227872	200.000	200
8 n-Pentane	72	1.272	1.266	(0.355)	46207	200.000	220(A)
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	469382	200.000	200
10 Isoprene	67	1.419	1.413	(0.396)	561673	200.000	220
11 Ethyl Ether	59	1.437	1.437	(0.401)	331372	200.000	200
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	351608	200.000	200
14 Freon TF	101	1.553	1.547	(0.433)	391831	200.000	210
18 Carbon Disulfide	76	1.540	1.541	(0.430)	1326887	200.000	210
17 Iodomethane	142	1.601	1.602	(0.447)	592467	200.000	200
9 Ethanol	46	1.547	1.559	(0.432)	61276	5000.00	5500

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Report Date: 03-Jul-2012 13:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.476)	62083	200.000	180
	22 Methylene Chloride	84	1.839	1.839	(0.513)	482662	200.000	200
	16 Acetone	58	1.876	1.870	(0.524)	34553	200.000	190
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	446766	200.000	200
	27 Methyl Acetate	74	1.943	1.943	(0.542)	76139	200.000	200
	29 Hexane	86	1.979	1.973	(0.552)	125951	200.000	220
	28 MTBE	73	2.004	1.998	(0.559)	1334271	200.000	200
	24 TBA	59	2.089	2.083	(0.583)	811647	4000.00	4100
	21 Acetonitrile	39	2.138	2.132	(0.597)	191584	4000.00	3900
	32 DIPE	45	2.235	2.230	(0.624)	1626980	200.000	200
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	841196	200.000	200
	26 Acrylonitrile	53	2.321	2.321	(0.648)	79057	100.000	100
	31 Vinyl Acetate	43	2.461	2.455	(0.687)	879902	200.000	210
	35 t-Butyl-ethyl-ether	59	2.461	2.455	(0.687)	1459382	200.000	200
	34 n-Propanol	42	2.534	2.534	(0.707)	58409	5000.00	5200
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	478697	200.000	200
	37 2,2-Dichloropropane	77	2.705	2.699	(0.755)	649202	200.000	210
	44 Cyclohexane	56	2.772	2.766	(0.774)	780676	200.000	210
	40 Bromochloromethane	128	2.766	2.766	(0.772)	242119	200.000	200
	42 Chloroform	83	2.827	2.827	(0.789)	776769	200.000	200
	45 Carbon Tetrachloride	117	2.918	2.912	(0.815)	603112	200.000	220
	39 Ethyl Acetate	70	2.937	2.931	(0.820)	90386	400.000	430
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	157700	200.000	200
	43 1,1,1-Trichloroethane	97	2.967	2.961	(0.828)	711515	200.000	210
	46 1,1-Dichloropropene	75	3.058	3.053	(0.854)	710677	200.000	210
	38 2-Butanone	72	3.065	3.059	(0.855)	73097	200.000	200
	48 Benzene	78	3.247	3.242	(0.467)	1890997	200.000	200
	51 n-Heptane	57	3.247	3.242	(0.906)	283423	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.351	3.345	(0.935)	95985	50.0000	45
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	1282616	200.000	200(A)
	49 1,2-Dichloroethane	62	3.406	3.400	(0.951)	571821	200.000	200
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	488230	50.0000	
	61 Isopropyl Acetate	43	3.662	3.656	(1.022)	1478076	400.000	400
	56 Methyl cyclohexane	83	3.717	3.717	(1.037)	768670	200.000	210
	54 Trichloroethene	95	3.729	3.723	(1.041)	481303	200.000	200
	58 Dibromomethane	93	4.089	4.089	(1.141)	276485	200.000	200
	53 n-Butanol	56	4.125	4.119	(1.151)	142454	2500.00	2900
	57 1,2-Dichloropropane	63	4.186	4.180	(1.168)	497373	200.000	200
	55 Ethyl Acrylate	55	4.266	4.260	(1.191)	538790	200.000	200(A)
	68 Bromodichloromethane	83	4.266	4.260	(1.191)	634107	200.000	210
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	124329	200.000	190
	60 1,4-Dioxane	88	4.497	4.510	(1.255)	5235	250.000	260
	75 Propyl Acetate	43	4.619	4.613	(1.289)	1160705	400.000	400
	62 2-Chloroethyl Vinyl Ether	63	4.875	4.869	(1.361)	235842	200.000	200
	67 cis-1,3-Dichloropropene	75	4.906	4.900	(0.705)	815187	200.000	200
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.733)	372866	50.0000	45
	66 Toluene	91	5.156	5.150	(0.741)	2126960	200.000	190

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Report Date: 03-Jul-2012 13:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
63	Epichlorohydrin	57	5.186	5.174	(0.746)	803471	4000.00	4200
71	Tetrachloroethene	166	5.576	5.576	(0.802)	569200	200.000	200
70	4-Methyl-2-Pentanone	43	5.625	5.619	(0.809)	396296	200.000	200
64	trans-1,3-Dichloropropene	75	5.649	5.644	(0.812)	734949	200.000	210
69	1,1,2-Trichloroethane	83	5.820	5.814	(0.837)	336853	200.000	200
74	Dibromochloromethane	129	6.015	6.009	(0.865)	519701	200.000	210
72	1,3-Dichloropropane	76	6.137	6.131	(0.883)	733610	200.000	200
77	1,2-Dibromoethane	107	6.259	6.259	(0.900)	436933	200.000	200
76	Butyl Acetate	73	6.619	6.613	(0.952)	249280	400.000	430
73	2-Hexanone	43	6.680	6.674	(0.961)	303062	200.000	200
* 78	Chlorobenzene-d5	117	6.954	6.948	(1.000)	394614	50.0000	
79	Chlorobenzene	112	6.978	6.966	(1.004)	1465087	200.000	200
81	Ethylbenzene	106	7.070	7.058	(1.017)	798984	200.000	200
80	1,1,1,2-Tetrachloroethane	131	7.088	7.082	(1.019)	521904	200.000	210
82	m+p-Xylene	106	7.283	7.271	(1.047)	2007411	400.000	400
84	o-Xylene	106	7.869	7.856	(1.131)	997237	200.000	200
86	Bromoform	173	7.917	7.911	(1.139)	394574	200.000	220
85	Styrene	104	7.948	7.942	(1.143)	1726703	200.000	210
87	Amyl Acetate	43	8.003	7.997	(0.764)	358501	200.000	210(A)
83	Butyl Acrylate	73	8.277	8.271	(1.190)	406987	200.000	200
88	Isopropylbenzene	105	8.356	8.344	(1.202)	2595588	200.000	200
90	Camphene (total)	41	8.466	8.460	(1.217)	161879	200.000	210
$ 89	Bromofluorobenzene (SUR)	174	8.716	8.710	(0.832)	166021	50.0000	46
91	Bromobenzene	156	8.820	8.814	(0.842)	714190	200.000	200
95	n-Propylbenzene	91	8.990	8.978	(0.858)	3064281	200.000	200(A)
92	1,1,2,2-Tetrachloroethane	83	9.118	9.112	(0.870)	561011	200.000	200
96	2-Chlorotoluene	91	9.155	9.143	(0.874)	1814313	200.000	200
93	1,2,3-Trichloropropane	110	9.252	9.246	(0.883)	168594	200.000	210
97	1,3,5-Trimethylbenzene	105	9.338	9.326	(0.891)	2250583	200.000	200
94	trans-1,4-Dichloro-2-butene	53	9.380	9.374	(0.895)	163730	200.000	200(A)
98	4-Chlorotoluene	91	9.423	9.411	(0.899)	1959159	200.000	200
100	tert-Butylbenzene	119	9.801	9.789	(0.935)	1893185	200.000	200
101	1,2,4-Trimethylbenzene	105	9.929	9.917	(0.948)	2285627	200.000	190
99	Butyl Methacrylate	87	9.935	9.929	(0.948)	808710	200.000	220
103	sec-Butylbenzene	105	10.094	10.082	(0.963)	2647631	200.000	200(A)
105	1,3-Dichlorobenzene	146	10.344	10.332	(0.987)	1317284	200.000	200
107	p-Isopropyltoluene	119	10.380	10.362	(0.991)	2347614	200.000	200
* 108	1,4-Dichlorobenzene-d4	152	10.478	10.466	(1.000)	245093	50.0000	
109	1,4-Dichlorobenzene	146	10.502	10.484	(1.002)	1343654	200.000	200
102	2-Octanone	43	10.868	10.862	(1.037)	712488	200.000	210
110	Benzyl Chloride	91	10.947	10.941	(1.045)	1101025	200.000	210
106	n-Butylbenzene	91	11.069	11.057	(1.056)	1942043	200.000	200
111	1,2-Dichlorobenzene	146	11.161	11.149	(1.065)	1243461	200.000	190
112	1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.168)	99586	200.000	220
114	1,2,4-Trichlorobenzene	180	12.971	12.965	(1.238)	864315	200.000	200
115	Hexachlorobutadiene	225	12.996	12.990	(1.240)	350413	200.000	190
116	Naphthalene	128	13.270	13.264	(1.266)	1701252	200.000	190

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05013.d
Report Date: 03-Jul-2012 13:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.441	13.435	(1.283)	729481	200.000	200
M 120 1,2-Dichloroethene (Total)	100				925463	400.000	400
M 121 Xylene (Total)	100				3004648	600.000	600

QC Flag Legend

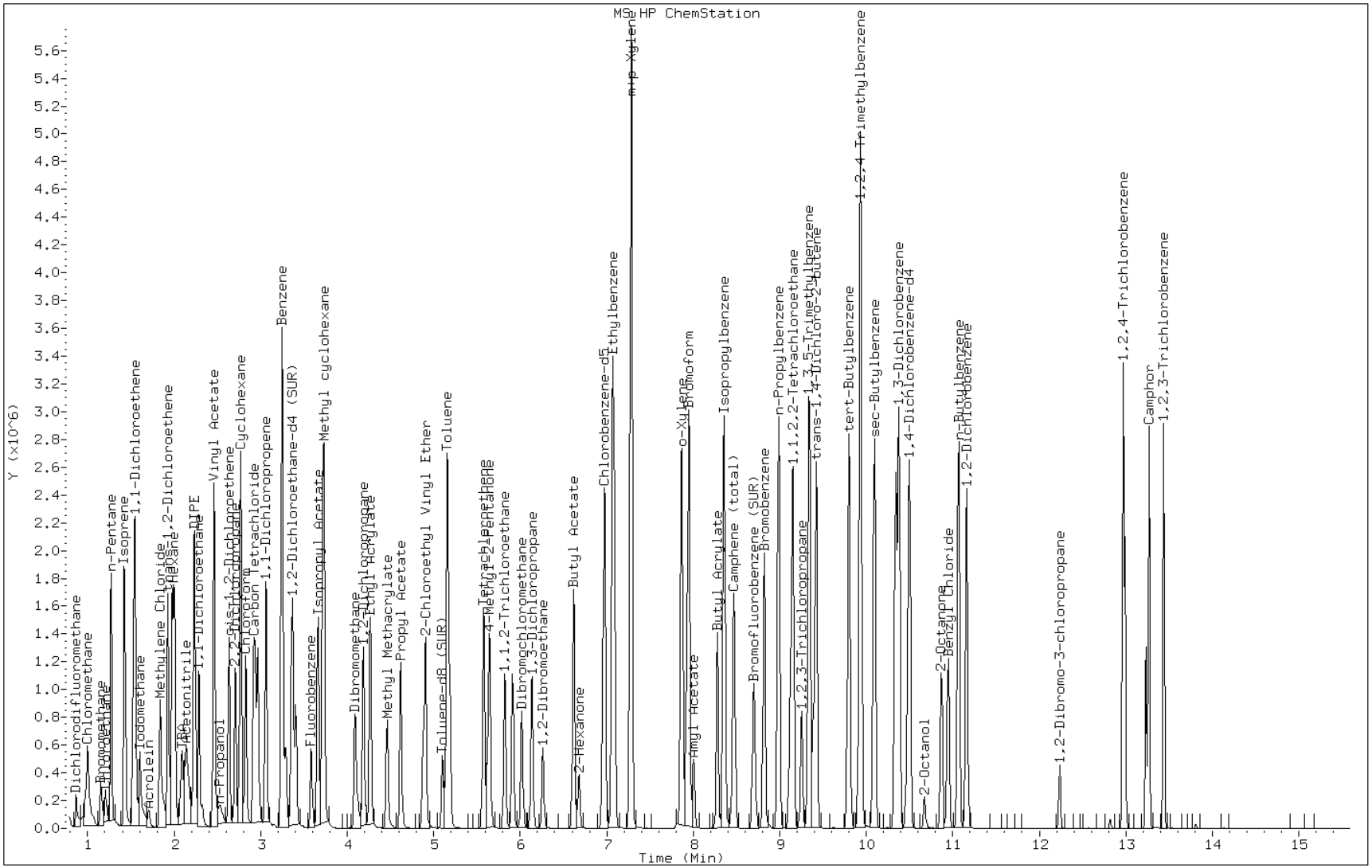
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e05013.d

Date: 03-JUL-2012 11:28

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL5 Operator: VOAMS5



Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05014.d
Report Date: 03-Jul-2012 13:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05014.d
Lab Smp Id: IC-VMCAL6
Inj Date : 03-JUL-2012 11:51
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/8260_09.m
Meth Date : 03-Jul-2012 13:49 audberto Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	925881	500.000	490
3 Chloromethane	50	0.980	0.986	(0.273)	1367541	500.000	460
4 Vinyl Chloride	62	0.998	0.998	(0.278)	1233534	500.000	470
6 Bromomethane	94	1.150	1.150	(0.321)	701497	500.000	510(A)
5 Chloroethane	64	1.205	1.205	(0.336)	435726	500.000	370
8 n-Pentane	72	1.272	1.266	(0.354)	118086	500.000	530(A)
7 Trichlorofluoromethane	101	1.272	1.272	(0.354)	1349925	500.000	540(A)
10 Isoprene	67	1.419	1.413	(0.395)	1283145	500.000	470
11 Ethyl Ether	59	1.437	1.437	(0.400)	767696	500.000	430
15 1,1-Dichloroethene	96	1.528	1.528	(0.426)	862923	500.000	470
14 Freon TF	101	1.553	1.547	(0.433)	996784	500.000	520(A)
18 Carbon Disulfide	76	1.540	1.541	(0.429)	3391473	500.000	520(A)
17 Iodomethane	142	1.601	1.602	(0.446)	1280064	500.000	500
9 Ethanol	46	1.540	1.559	(0.429)	85749	6000.00	7400(A)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05014.d
Report Date: 03-Jul-2012 13:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.475)	124069	400.000	350
	22 Methylene Chloride	84	1.839	1.839	(0.512)	1203658	500.000	470
	16 Acetone	58	1.876	1.870	(0.523)	87071	500.000	450
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.536)	1094489	500.000	480
	27 Methyl Acetate	74	1.943	1.943	(0.541)	192514	500.000	490
	29 Hexane	86	1.979	1.973	(0.552)	315408	500.000	530(A)
	28 MTBE	73	2.004	1.998	(0.558)	3354533	500.000	490
	24 TBA	59	2.095	2.083	(0.584)	2143389	10000.0	10000(A)
	21 Acetonitrile	39	2.138	2.132	(0.596)	509581	10000.0	10000(A)
	32 DIPE	45	2.235	2.230	(0.623)	4051587	500.000	470
	30 1,1-Dichloroethane	63	2.290	2.284	(0.638)	2058060	500.000	470
	26 Acrylonitrile	53	2.321	2.321	(0.647)	153529	200.000	190
	31 Vinyl Acetate	43	2.461	2.455	(0.686)	2132628	500.000	490
	35 t-Butyl-ethyl-ether	59	2.467	2.455	(0.687)	3724472	500.000	490
	34 n-Propanol	42	2.534	2.534	(0.706)	76659	6000.00	6500(A)
	36 cis-1,2-Dichloroethene	96	2.638	2.632	(0.735)	1182954	500.000	460
	37 2,2-Dichloropropane	77	2.711	2.699	(0.755)	1620521	500.000	490
	44 Cyclohexane	56	2.772	2.766	(0.772)	1968659	500.000	510(A)
	40 Bromochloromethane	128	2.772	2.766	(0.772)	614378	500.000	470
	42 Chloroform	83	2.827	2.827	(0.788)	1921586	500.000	470
	45 Carbon Tetrachloride	117	2.918	2.912	(0.813)	1575703	500.000	540(A)
	39 Ethyl Acetate	70	2.943	2.931	(0.820)	237675	1000.00	1100(A)
	41 Tetrahydrofuran	42	2.943	2.943	(0.820)	402175	500.000	500
	43 1,1,1-Trichloroethane	97	2.973	2.961	(0.828)	1808619	500.000	510(A)
	46 1,1-Dichloropropene	75	3.065	3.053	(0.854)	1827759	500.000	510(A)
	38 2-Butanone	72	3.065	3.059	(0.854)	192554	500.000	500(A)
	48 Benzene	78	3.254	3.242	(0.467)	4798116	500.000	450
	51 n-Heptane	57	3.254	3.242	(0.907)	698837	500.000	480
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.351	3.345	(0.934)	113658	50.0000	51
	50 t-Amyl-methyl-ether	73	3.369	3.363	(0.939)	3419553	500.000	520(A)
	49 1,2-Dichloroethane	62	3.412	3.400	(0.951)	1449101	500.000	480
*	52 Fluorobenzene	96	3.589	3.583	(1.000)	511567	50.0000	
	61 Isopropyl Acetate	43	3.668	3.656	(1.022)	4188265	1000.00	1100(A)
	56 Methyl cyclohexane	83	3.729	3.717	(1.039)	2024127	500.000	530(A)
	54 Trichloroethene	95	3.741	3.723	(1.042)	1246273	500.000	500
	58 Dibromomethane	93	4.095	4.089	(1.141)	723410	500.000	500(A)
	53 n-Butanol	56	4.125	4.119	(1.149)	166828	3000.00	3300(A)
	57 1,2-Dichloropropane	63	4.192	4.180	(1.168)	1315063	500.000	510(A)
	55 Ethyl Acrylate	55	4.272	4.260	(1.190)	1484869	500.000	540(A)
	68 Bromodichloromethane	83	4.272	4.260	(1.190)	1670097	500.000	520(A)
	59 Methyl Methacrylate	100	4.467	4.461	(1.245)	345203	500.000	500(A)
	60 1,4-Dioxane	88	4.509	4.510	(1.256)	6587	300.000	320(A)
	75 Propyl Acetate	43	4.625	4.613	(1.289)	3245895	1000.00	1100(A)
	62 2-Chloroethyl Vinyl Ether	63	4.887	4.869	(1.362)	632108	500.000	500(A)
	67 cis-1,3-Dichloropropene	75	4.912	4.900	(0.705)	2229760	500.000	490
$	65 Toluene-d8 (SUR)	98	5.107	5.101	(0.733)	459938	50.0000	50
	66 Toluene	91	5.168	5.150	(0.742)	5672973	500.000	440

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05014.d
Report Date: 03-Jul-2012 13:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	63 Epichlorohydrin	57	5.198	5.174	(0.746)	2165655	10000.0	10000(A)
	71 Tetrachloroethene	166	5.588	5.576	(0.802)	1545628	500.000	490
	70 4-Methyl-2-Pentanone	43	5.637	5.619	(0.809)	1145005	500.000	520(A)
	64 trans-1,3-Dichloropropene	75	5.662	5.644	(0.813)	2091724	500.000	540(A)
	69 1,1,2-Trichloroethane	83	5.832	5.814	(0.837)	956130	500.000	500
	74 Dibromochloromethane	129	6.027	6.009	(0.865)	1507318	500.000	550(A)
	72 1,3-Dichloropropane	76	6.149	6.131	(0.883)	2072960	500.000	500(A)
	77 1,2-Dibromoethane	107	6.271	6.259	(0.900)	1236694	500.000	510(A)
	76 Butyl Acetate	73	6.631	6.613	(0.952)	733327	1000.00	1100(A)
	73 2-Hexanone	43	6.686	6.674	(0.960)	864368	500.000	520(A)
*	78 Chlorobenzene-d5	117	6.966	6.948	(1.000)	441136	50.0000	
	79 Chlorobenzene	112	6.991	6.966	(1.004)	4022998	500.000	480
	81 Ethylbenzene	106	7.088	7.058	(1.018)	2176035	500.000	500
	80 1,1,1,2-Tetrachloroethane	131	7.106	7.082	(1.020)	1481658	500.000	520(A)
	82 m+p-Xylene	106	7.308	7.271	(1.049)	5233866	1000.00	920
	84 o-Xylene	106	7.881	7.856	(1.131)	2640852	500.000	480
	86 Bromoform	173	7.936	7.911	(1.139)	1099942	500.000	560(A)
	85 Styrene	104	7.966	7.942	(1.144)	4548248	500.000	490
	87 Amyl Acetate	43	8.009	7.997	(0.763)	1058174	500.000	600(A)
	83 Butyl Acrylate	73	8.295	8.271	(1.191)	1138385	500.000	500(A)
	88 Isopropylbenzene	105	8.374	8.344	(1.202)	6767502	500.000	480
	90 Camphene (total)	41	8.484	8.460	(1.218)	443032	500.000	520(A)
$	89 Bromofluorobenzene (SUR)	174	8.722	8.710	(0.831)	195444	50.0000	53
	91 Bromobenzene	156	8.838	8.814	(0.842)	1858754	500.000	510(A)
	95 n-Propylbenzene	91	9.002	8.978	(0.858)	7830826	500.000	500(A)
	92 1,1,2,2-Tetrachloroethane	83	9.130	9.112	(0.870)	1473958	500.000	520(A)
	96 2-Chlorotoluene	91	9.173	9.143	(0.874)	4688453	500.000	500(A)
	93 1,2,3-Trichloropropane	110	9.265	9.246	(0.883)	447532	500.000	540(A)
	97 1,3,5-Trimethylbenzene	105	9.362	9.326	(0.892)	5745012	500.000	510(A)
	94 trans-1,4-Dichloro-2-butene	53	9.362	9.374	(0.892)	169144	500.000	200(A)
	98 4-Chlorotoluene	91	9.441	9.411	(0.900)	5033739	500.000	500(A)
	100 tert-Butylbenzene	119	9.813	9.789	(0.935)	4762187	500.000	510(A)
	101 1,2,4-Trimethylbenzene	105	9.947	9.917	(0.948)	5738853	500.000	470
	99 Butyl Methacrylate	87	9.960	9.929	(0.949)	2131338	500.000	570(A)
	103 sec-Butylbenzene	105	10.112	10.082	(0.964)	6642621	500.000	500(A)
	105 1,3-Dichlorobenzene	146	10.362	10.332	(0.988)	3311816	500.000	490
	107 p-Isopropyltoluene	119	10.399	10.362	(0.991)	5833860	500.000	500
*	108 1,4-Dichlorobenzene-d4	152	10.490	10.466	(1.000)	249867	50.0000	
	109 1,4-Dichlorobenzene	146	10.520	10.484	(1.003)	3370029	500.000	480
	102 2-Octanone	43	10.886	10.862	(1.038)	2029132	500.000	600(A)
	110 Benzyl Chloride	91	10.959	10.941	(1.045)	2943122	500.000	560(A)
	106 n-Butylbenzene	91	11.087	11.057	(1.057)	4831766	500.000	480
	111 1,2-Dichlorobenzene	146	11.179	11.149	(1.066)	3141196	500.000	480
	112 1,2-Dibromo-3-chloropropane	75	12.240	12.234	(1.167)	261242	500.000	550(A)
	114 1,2,4-Trichlorobenzene	180	12.977	12.965	(1.237)	2143509	500.000	480
	115 Hexachlorobutadiene	225	12.996	12.990	(1.239)	880367	500.000	470(A)
	116 Naphthalene	128	13.276	13.264	(1.266)	4408189	500.000	490

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05014.d
Report Date: 03-Jul-2012 13:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.447	13.435	(1.282)	1858536	500.000	490
M 120 1,2-Dichloroethene (Total)	100				2277443	1000.00	940
M 121 Xylene (Total)	100				7874718	1500.00	1400

QC Flag Legend

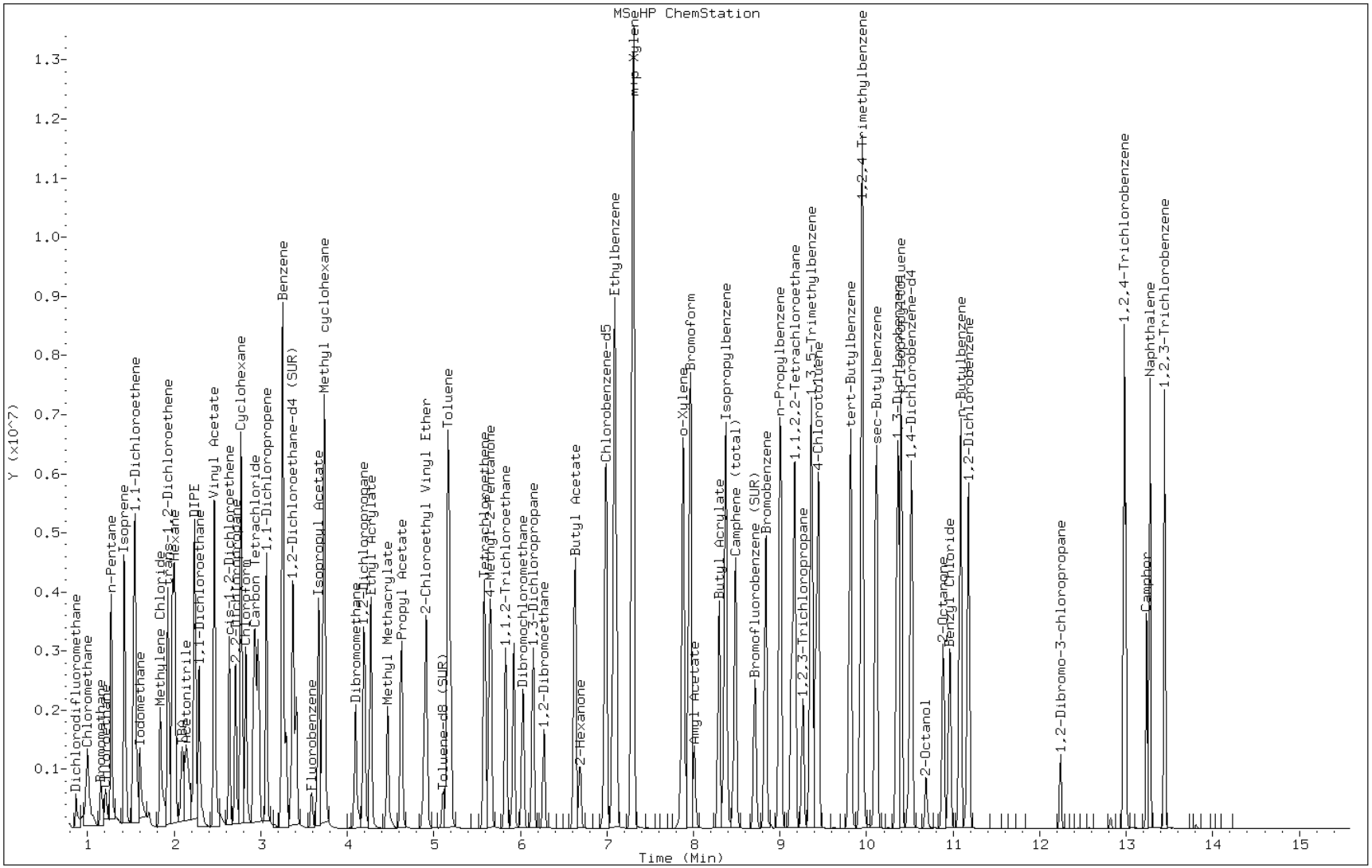
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e05014.d

Date: 03-JUL-2012 11:51

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL6 Operator: VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-117746/2 Calibration Date: 06/27/2012 17:07

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61601.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
Dichlorodifluoromethane	Ave	0.4740	0.5587		23.6	20.0	17.9	50.0
Chloromethane	LinF	0.5685	0.5976	0.1000	25.6	20.0	27.8	50.0
Vinyl chloride	Ave	0.5169	0.5748		22.2	20.0	11.2	20.0
Bromomethane	LinF	0.3189	0.3089		22.5	20.0	12.4	50.0
Chloroethane	Ave	0.2887	0.2969		20.6	20.0	2.8	50.0
Trichlorofluoromethane	Ave	0.7283	0.7852		21.6	20.0	7.8	50.0
Ethanol	Ave	0.0020	0.0017		2580	3000	-13.9	50.0
Ethyl ether	Ave	0.2767	0.2781		20.1	20.0	0.5	50.0
Isopropene	Ave	0.5042	0.5146		20.4	20.0	2.1	50.0
Acrolein	Ave	0.0466	0.0429		276	300	-8.0	99.0
1,1-Dichloroethene	Ave	0.3060	0.3255		21.3	20.0	6.4	20.0
Freon TF	Ave	0.3633	0.4136		22.8	20.0	13.8	50.0
Acetone	LinF	0.1089	0.1006		23.5	20.0	17.6	50.0
Iodomethane	Ave	0.4311	0.4687		21.7	20.0	8.7	50.0
Carbon disulfide	Ave	1.086	1.127		20.8	20.0	3.8	50.0
Acetonitrile	LinF	0.0506	0.0477		482	400	20.5	50.0
Methyl acetate	LinF	0.0580	0.0526		20.4	20.0	2.0	50.0
Methylene Chloride	LinF	0.4477	0.3966		25.2	20.0	25.8	50.0
TBA	Ave	0.0350	0.0303		346	400	-13.4	50.0
Acrylonitrile	Ave	0.1218	0.1130		139	150	-7.2	50.0
trans-1,2-Dichloroethene	Ave	0.3600	0.3858		21.4	20.0	7.2	50.0
MTBE	Ave	0.8791	0.8389		19.1	20.0	-4.6	50.0
Hexane	Ave	0.3253	0.3309		20.3	20.0	1.7	50.0
1,1-Dichloroethane	Ave	0.7261	0.7432	0.1000	20.5	20.0	2.4	50.0
Vinyl acetate	Ave	1.105	1.021		18.5	20.0	-7.6	50.0
DIPE	Ave	1.165	1.087		18.7	20.0	-6.7	50.0
Tert-butyl ethyl ether	Ave	0.9791	0.9392	0.0100	19.2	20.0	-4.1	50.0
2,2-Dichloropropane	Ave	0.6304	0.6300		20.0	20.0	-0.0	50.0
cis-1,2-Dichloroethene	Ave	0.4066	0.4215		20.7	20.0	3.7	50.0
2-Butanone	Ave	0.0354	0.0327		18.5	20.0	-7.4	50.0
Ethyl acetate	Ave	0.0260	0.0234		36.0	40.0	-9.9	50.0
Bromochloromethane	LinF	0.1657	0.1792		24.5	20.0	22.4	50.0
Chloroform	Ave	0.6649	0.7178		21.6	20.0	8.0	20.0
1,1,1-Trichloroethane	Ave	0.5740	0.6272		21.9	20.0	9.3	50.0
Cyclohexane	Ave	0.7563	0.7920		20.9	20.0	4.7	50.0
Carbon tetrachloride	Ave	0.4438	0.4754		21.4	20.0	7.1	50.0
1,1-Dichloropropene	Ave	0.5473	0.5592		20.4	20.0	2.2	50.0
Benzene	Ave	1.408	1.452		20.6	20.0	3.1	50.0
1,2-Dichloroethane	Ave	0.4612	0.4805		20.8	20.0	4.2	50.0
Isopropyl acetate	Ave	0.6201	0.5541		35.7	40.0	-10.7	50.0
Tert-amyl methyl ether	Ave	0.7539	0.7113		18.9	20.0	-5.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-117746/2 Calibration Date: 06/27/2012 17:07

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61601.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
Trichloroethene	Ave	0.3451	0.3550		20.6	20.0	2.9	50.0
n-Butanol	Ave	0.0051	0.0039		1150	1500	-23.3	50.0
Ethyl acrylate	Ave	0.0148	0.0138		18.6	20.0	-6.8	50.0
Methylcyclohexane	Ave	0.6558	0.6843		20.9	20.0	4.3	50.0
1,2-Dichloropropane	Ave	0.3534	0.3438		19.5	20.0	-2.7	20.0
Dibromomethane	Ave	0.1860	0.1899		20.4	20.0	2.1	50.0
1,4-Dioxane	Ave	0.0039	0.0041		154	150	2.6	50.0
Methyl methacrylate	Ave	0.1746	0.1651		18.9	20.0	-5.4	50.0
Propyl acetate	Ave	0.3759	0.3388		36.1	40.0	-9.9	50.0
Bromodichloromethane	Ave	0.4179	0.4521		21.6	20.0	8.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1589	0.1559		19.6	20.0	-1.9	50.0
Epichlorohydrin	Ave	0.0307	0.0296		386	400	-3.6	50.0
cis-1,3-Dichloropropene	Ave	0.4861	0.4888		20.1	20.0	0.5	50.0
4-Methyl-2-pentanone	Ave	0.2567	0.2242		17.5	20.0	-12.7	50.0
Toluene	Ave	2.182	2.077		19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	QuaF	0.5832	0.5087		14.9	20.0	-25.7	50.0
1,1,2-Trichloroethane	Ave	0.3029	0.2788		18.4	20.0	-8.0	50.0
Tetrachloroethene	Ave	0.5025	0.5281		21.0	20.0	5.1	50.0
1,3-Dichloropropane	Ave	0.6730	0.6139		18.2	20.0	-8.8	50.0
2-Hexanone	Ave	0.2777	0.2217		16.0	20.0	-20.2	50.0
Dibromochloromethane	QuaF	0.3729	0.3549		16.9	20.0	-15.4	50.0
1,2-Dibromoethane	Ave	0.3429	0.3283		19.1	20.0	-4.3	50.0
Butyl acetate	Ave	0.6518	0.5258		32.3	40.0	-19.3	50.0
Chlorobenzene	Ave	1.299	1.281	0.3000	19.7	20.0	-1.4	50.0
1,1,1,2-Tetrachloroethane	QuaF	0.3842	0.3756		17.6	20.0	-11.9	50.0
Ethylbenzene	Ave	0.7166	0.7267		20.3	20.0	1.4	20.0
m&p-Xylene	Ave	0.9183	0.9080		39.6	40.0	-1.1	50.0
o-Xylene	Ave	0.8713	0.8731		20.0	20.0	0.2	50.0
Styrene	Ave	1.492	1.469		19.7	20.0	-1.6	50.0
Butyl acrylate	Ave	1.513	1.191		15.7	20.0	-21.3	50.0
Bromoform	QuaF	0.2104	0.2104	0.1000	18.4	20.0	-8.0	50.0
Amly acetate	Ave	0.4712	0.3798		16.1	20.0	-19.4	50.0
Isopropylbenzene	Ave	2.428	2.486		20.5	20.0	2.4	50.0
Camphene, Total	Ave	0.5234	0.4532		17.3	20.0	-13.4	50.0
Monobromobenzene	Ave	0.999	0.9556		19.1	20.0	-4.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8712	0.7539	0.3000	17.3	20.0	-13.5	50.0
1,2,3-Trichloropropane	Ave	0.2521	0.2231		17.7	20.0	-11.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0980	0.0992		20.2	20.0	1.1	50.0
N-Propylbenzene	Ave	5.615	5.242		18.7	20.0	-6.6	50.0
2-Chlorotoluene	Ave	3.173	2.925		18.4	20.0	-7.8	50.0
4-Chlorotoluene	Ave	3.324	2.976		17.9	20.0	-10.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-117746/2 Calibration Date: 06/27/2012 17:07

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61601.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
1,3,5-Trimethylbenzene	Ave	3.776	3.413		18.1	20.0	-9.6	50.0
Butyl Methacrylate	Ave	1.312	1.021		15.6	20.0	-22.2	50.0
tert-Butylbenzene	Ave	3.394	3.178		18.7	20.0	-6.4	50.0
1,2,4-Trimethylbenzene	Ave	3.816	3.497		18.3	20.0	-8.3	50.0
sec-Butylbenzene	Ave	5.254	4.942		18.8	20.0	-5.9	50.0
1,3-Dichlorobenzene	Ave	2.051	1.919		18.7	20.0	-6.5	50.0
1,4-Dichlorobenzene	Ave	2.068	1.959		18.9	20.0	-5.3	50.0
4-Isopropyltoluene	Ave	4.307	4.102		19.0	20.0	-4.8	50.0
Benzyl chloride	QuaF	1.392	1.101		12.8	20.0	-36.0	50.0
1,2-Dichlorobenzene	Ave	1.911	1.870		19.6	20.0	-2.1	50.0
n-Butylbenzene	Ave	4.372	4.103		18.7	20.0	-6.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1806	0.1456		16.1	20.0	-19.4	50.0
Camphor	Ave	0.1029	0.0814		79.0	100	-21.0	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.538		19.9	20.0	-0.3	50.0
Hexachlorobutadiene	Ave	0.9373	0.9779		20.9	20.0	4.3	50.0
Naphthalene	Ave	3.342	2.962		17.7	20.0	-11.4	50.0
1,2,3-Trichlorobenzene	Ave	1.431	1.376		19.2	20.0	-3.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2473	0.2548		51.5	50.0	3.0	50.0
Toluene-d8 (Surr)	Ave	1.101	1.065		48.3	50.0	-3.3	50.0
Bromofluorobenzene	Ave	0.6798	0.6803		50.0	50.0	0.0	50.0

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61601.d
Report Date: 28-Jun-2012 14:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61601.d
Lab Smp Id: CCVIS
Inj Date : 27-JUN-2012 17:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/8260L_10.m
Meth Date : 28-Jun-2012 14:28 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				282936	40.0000	42
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	195815	20.0000	24
1 Chloromethane	50	0.980	0.980	(0.265)	209440	20.0000	26
4 Vinyl Chloride	62	1.009	1.009	(0.273)	201438	20.0000	22
3 Bromomethane	94	1.167	1.167	(0.315)	108277	20.0000	22
5 Chloroethane	64	1.217	1.217	(0.329)	104069	20.0000	20
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	275204	20.0000	22
127 Ethanol	46	1.460	1.460	(0.394)	90142	3000.00	2600
46 Ethyl Ether	59	1.496	1.496	(0.404)	97478	20.0000	20
119 Isoprene	67	1.496	1.496	(0.404)	180354	20.0000	20
47 Acrolein	56	1.568	1.568	(0.423)	225464	300.000	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	114092	20.0000	21
48 Freon TF	101	1.611	1.611	(0.435)	144940	20.0000	23
7 Acetone	43	1.661	1.661	(0.449)	35244	20.0000	24

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61601.d
Report Date: 28-Jun-2012 14:29

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	1.697	1.697	(0.458)	164281	20.0000	22
8	Carbon Disulfide	76	1.732	1.732	(0.468)	394920	20.0000	21
50	Acetonitrile	41	1.826	1.826	(0.493)	334112	400.000	480
125	Methyl acetate	74	1.840	1.840	(0.497)	18445	20.0000	20
6	Methylene Chloride	84	1.897	1.897	(0.512)	138986	20.0000	25
51	TBA	59	1.990	1.990	(0.538)	212238	400.000	350
52	Acrylonitrile	53	2.055	2.055	(0.555)	297072	150.000	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	135206	20.0000	21
53	MTBE	73	2.062	2.062	(0.557)	294000	20.0000	19
54	Hexane	56	2.227	2.227	(0.601)	115968	20.0000	20
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	260485	20.0000	20
57	Vinyl Acetate	43	2.377	2.377	(0.642)	357960	20.0000	18
55	DIPE	45	2.384	2.384	(0.644)	380896	20.0000	19
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	329186	20.0000	19
157	Dichlorofluoromethane	67	1.317	1.317	(0.356)	265738	20.0000	19
104	2,2-Dichloropropane	77	2.735	2.735	(0.739)	220810	20.0000	20
13	cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	147730	20.0000	21
18	2-Butanone	72	2.778	2.778	(0.750)	11474	20.0000	18
56	Ethyl Acetate	70	2.828	2.828	(0.764)	16408	40.0000	36
108	Bromochloromethane	128	2.929	2.929	(0.791)	62803	20.0000	24
15	Chloroform	83	3.000	3.000	(0.810)	251579	20.0000	22
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	219812	20.0000	22
59	Cyclohexane	56	3.165	3.165	(0.855)	277566	20.0000	21
21	Carbon Tetrachloride	117	3.258	3.258	(0.880)	166600	20.0000	21
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	195985	20.0000	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	223318	50.0000	52
28	Benzene	78	3.444	3.444	(0.930)	508979	20.0000	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	168411	20.0000	21
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	388378	40.0000	36
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	249279	20.0000	19
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	876204	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	124418	20.0000	20
63	n-Butanol	43	4.082	4.082	(1.103)	102731	1500.00	1200
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	4835	20.0000	19(M)
126	Methyl cyclohexane	83	4.218	4.218	(1.139)	239826	20.0000	21
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	120511	20.0000	19
109	Dibromomethane	93	4.397	4.397	(1.188)	66539	20.0000	20
95	1,4-Dioxane	88	4.454	4.454	(1.203)	10633	150.000	150
146	Methyl methacrylate	69	4.454	4.454	(1.203)	57855	20.0000	19
64	Propyl Acetate	43	4.540	4.540	(1.226)	237510	40.0000	36
22	Bromodichloromethane	83	4.583	4.583	(1.238)	158462	20.0000	22
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	54654	20.0000	20
118	Epichlorohydrin	57	5.013	5.013	(1.354)	207454	400.000	380
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	171300	20.0000	20
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	78576	20.0000	17
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	694256	50.0000	48
38	Toluene	91	5.464	5.464	(0.752)	541768	20.0000	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61601.d
Report Date: 28-Jun-2012 14:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	132671	20.0000	15
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	72696	20.0000	18
	35 Tetrachloroethene	166	6.131	6.131	(0.843)	137731	20.0000	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	160095	20.0000	18
	34 2-Hexanone	43	6.388	6.388	(0.879)	57816	20.0000	16
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	92550	20.0000	17
	65 Butyl Acetate	43	6.610	6.610	(0.909)	274243	40.0000	32
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	85617	20.0000	19
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	651992	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	334189	20.0000	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	97959	20.0000	18
	40 Ethylbenzene	106	7.513	7.513	(1.034)	189528	20.0000	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	473622	40.0000	40
	44 o-Xylene	106	8.272	8.272	(1.138)	227694	20.0000	20
	42 Styrene	104	8.301	8.301	(1.142)	382979	20.0000	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	181211	20.0000	16
	31 Bromoform	173	8.537	8.537	(1.174)	54866	20.0000	18
	145 Amyl Acetate	43	8.767	8.767	(1.206)	99059	20.0000	16
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	648469	20.0000	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	258790	50.0000	50
	150 Camphene	41	9.196	9.196	(0.841)	68953	20.0000	17
	107 Bromobenzene	156	9.254	9.254	(0.846)	145400	20.0000	19
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	114718	20.0000	17
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	33940	20.0000	18
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	34756	20.0000	20
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	797640	20.0000	19
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	445122	20.0000	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	452786	20.0000	18
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	519372	20.0000	18
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	155294	20.0000	16
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	483540	20.0000	19
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	532174	20.0000	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	751962	20.0000	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	291954	20.0000	19
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	380397	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	298064	20.0000	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	624118	20.0000	19
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	284586	20.0000	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	167554	20.0000	13
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	624290	20.0000	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	22152	20.0000	16
	152 Camphor	95	13.186	13.186	(1.206)	61892	100.000	79
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	233980	20.0000	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	148793	20.0000	21
	70 Naphthalene	128	13.480	13.480	(1.232)	450703	20.0000	18
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	209341	20.0000	19
M	45 Xylene (Total)	100				701316	60.0000	60

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61601.d
Report Date: 28-Jun-2012 14:29

QC Flag Legend

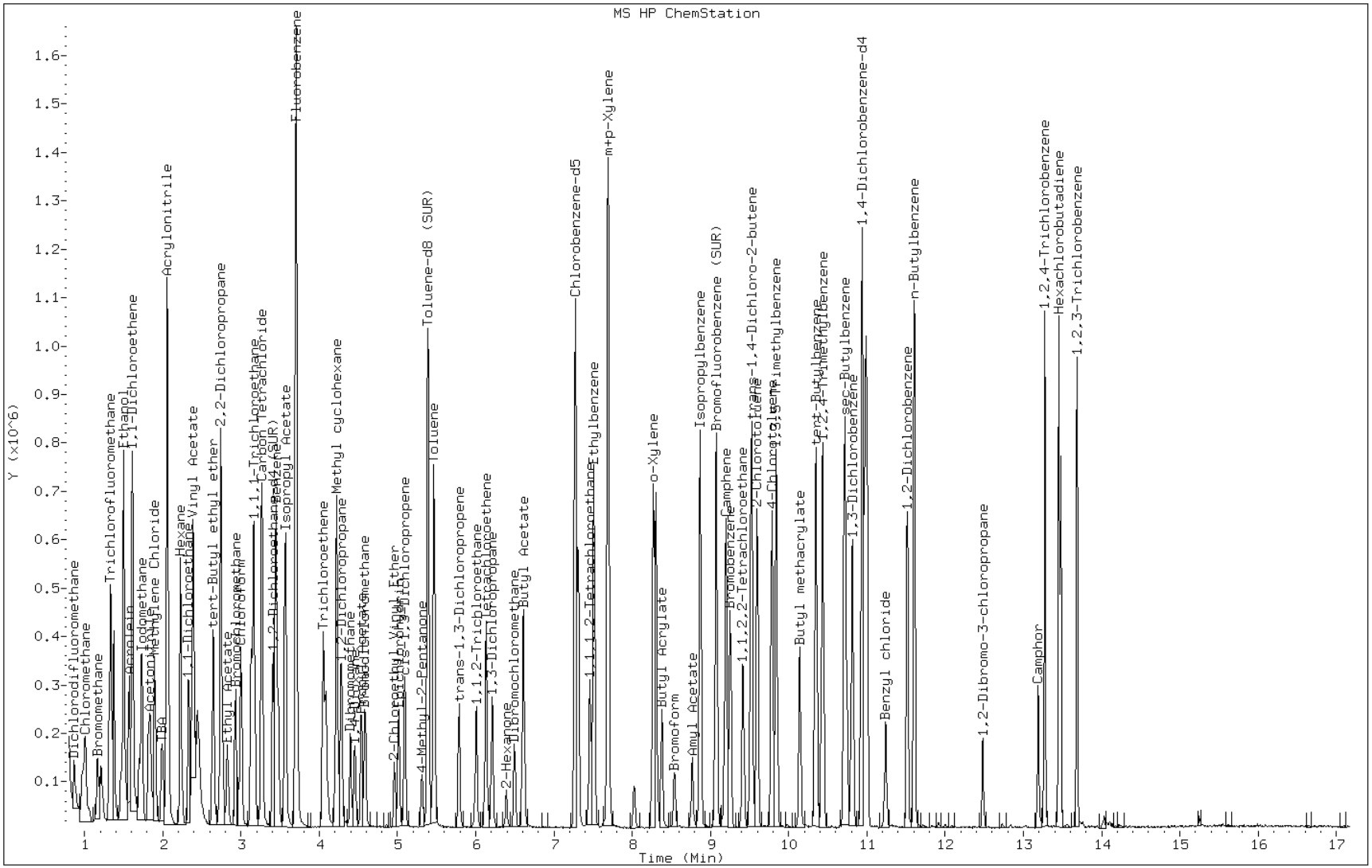
M - Compound response manually integrated.

Data File: o61601.d

Date: 27-JUN-2012 17:07

Client ID: Instrument: VOAMS12.i

Sample Info: CCVIS Operator: VOAMS 9



Manual Integration Report

Data File: o61601.d
Inj. Date and Time: 27-JUN-2012 17:07
Instrument ID: VOAMS12.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 06/28/2012

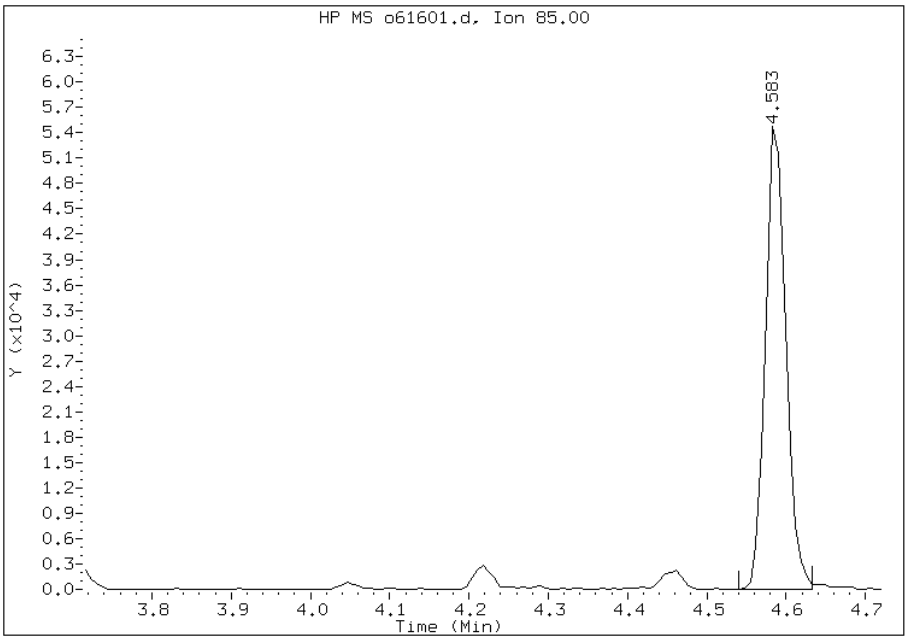
Processing Integration Results

RT: 4.58

Response: 98775

Amount: 381

Conc: 381



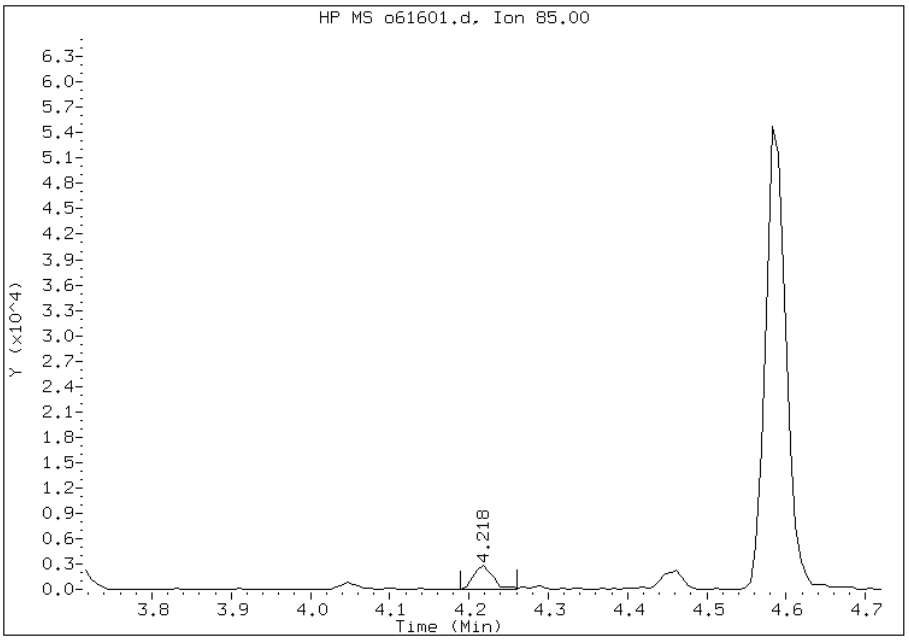
Manual Integration Results

RT: 4.22

Response: 4835

Amount: 19

Conc: 19



Manually Integrated By: maryb
Manual Integration Reason: Analyte not Identified by the Data System

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118221/2 Calibration Date: 07/02/2012 04:54

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61779.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
Dichlorodifluoromethane	Ave	0.4740	0.5197		21.9	20.0	9.6	50.0
Chloromethane	LinF	0.5685	0.5943	0.1000	25.4	20.0	27.1	50.0
Vinyl chloride	Ave	0.5169	0.5679		22.0	20.0	9.9	20.0
Bromomethane	LinF	0.3189	0.2862		20.8	20.0	4.2	50.0
Chloroethane	Ave	0.2887	0.2981		20.7	20.0	3.3	50.0
Trichlorofluoromethane	Ave	0.7283	0.7707		21.2	20.0	5.8	50.0
Ethanol	Ave	0.0020	0.0018		2640	3000	-12.1	50.0
Ethyl ether	Ave	0.2767	0.2701		19.5	20.0	-2.4	50.0
Isopropene	Ave	0.5042	0.5128		20.3	20.0	1.7	50.0
Acrolein	Ave	0.0466	0.0382		246	300	-18.0	99.0
1,1-Dichloroethene	Ave	0.3060	0.3204		20.9	20.0	4.7	20.0
Freon TF	Ave	0.3633	0.4038		22.2	20.0	11.1	50.0
Acetone	LinF	0.1089	0.1150		26.9	20.0	34.5	50.0
Iodomethane	Ave	0.4311	0.5065		23.5	20.0	17.5	50.0
Carbon disulfide	Ave	1.086	1.062		19.6	20.0	-2.2	50.0
Acetonitrile	LinF	0.0506	0.0452		457	400	14.3	50.0
Methyl acetate	LinF	0.0580	0.0556		21.6	20.0	7.8	50.0
Methylene Chloride	LinF	0.4477	0.3892		24.7	20.0	23.5	50.0
TBA	Ave	0.0350	0.0306		350	400	-12.6	50.0
Acrylonitrile	Ave	0.1218	0.1140		140	150	-6.4	50.0
trans-1,2-Dichloroethene	Ave	0.3600	0.3924		21.8	20.0	9.0	50.0
MTBE	Ave	0.8791	0.8743		19.9	20.0	-0.6	50.0
Hexane	Ave	0.3253	0.3290		20.2	20.0	1.1	50.0
1,1-Dichloroethane	Ave	0.7261	0.7526	0.1000	20.7	20.0	3.6	50.0
DIPE	Ave	1.165	1.145		19.6	20.0	-1.8	50.0
Vinyl acetate	Ave	1.105	1.005		18.2	20.0	-9.1	50.0
Tert-butyl ethyl ether	Ave	0.9791	0.9622	0.0100	19.7	20.0	-1.7	50.0
2,2-Dichloropropane	Ave	0.6304	0.6513		20.7	20.0	3.3	50.0
cis-1,2-Dichloroethene	Ave	0.4066	0.4261		21.0	20.0	4.8	50.0
2-Butanone	Ave	0.0354	0.0399		22.6	20.0	12.9	50.0
Ethyl acetate	Ave	0.0260	0.0248		38.2	40.0	-4.5	50.0
Bromochloromethane	LinF	0.1657	0.1820		24.9	20.0	24.3	50.0
Tetrahydrofuran	LinF	0.1498	0.1169		24.3	20.0	21.5	50.0
Chloroform	Ave	0.6649	0.7114		21.4	20.0	7.0	20.0
1,1,1-Trichloroethane	Ave	0.5740	0.6482		22.6	20.0	12.9	50.0
Cyclohexane	Ave	0.7563	0.7629		20.2	20.0	0.9	50.0
1,1-Dichloropropene	Ave	0.5473	0.6013		22.0	20.0	9.9	50.0
Carbon tetrachloride	Ave	0.4438	0.5124		23.1	20.0	15.5	50.0
Benzene	Ave	1.408	1.523		21.6	20.0	8.1	50.0
1,2-Dichloroethane	Ave	0.4612	0.4762		20.6	20.0	3.2	50.0
Isopropyl acetate	Ave	0.6201	0.6181		39.9	40.0	-0.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118221/2 Calibration Date: 07/02/2012 04:54

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61779.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
Tert-amyl methyl ether	Ave	0.7539	0.7657		20.3	20.0	1.6	50.0
Trichloroethene	Ave	0.3451	0.3912		22.7	20.0	13.3	50.0
n-Butanol	Ave	0.0051	0.0045		1330	1500	-11.5	50.0
Ethyl acrylate	Ave	0.0148	0.0150		20.3	20.0	1.5	50.0
Methylcyclohexane	Ave	0.6558	0.7162		21.8	20.0	9.2	50.0
1,2-Dichloropropane	Ave	0.3534	0.3720		21.1	20.0	5.3	20.0
Dibromomethane	Ave	0.1860	0.1950		21.0	20.0	4.9	50.0
1,4-Dioxane	Ave	0.0039	0.0043		163	150	8.8	50.0
Methyl methacrylate	Ave	0.1746	0.1761		20.2	20.0	0.9	50.0
Propyl acetate	Ave	0.3759	0.3769		40.1	40.0	0.3	50.0
Bromodichloromethane	Ave	0.4179	0.4614		22.1	20.0	10.4	50.0
2-Chloroethyl vinyl ether	Ave	0.1589	0.1745		22.0	20.0	9.8	50.0
Epichlorohydrin	Ave	0.0307	0.0293		382	400	-4.6	50.0
cis-1,3-Dichloropropene	Ave	0.4861	0.5323		21.9	20.0	9.5	50.0
4-Methyl-2-pentanone	Ave	0.2567	0.2521		19.6	20.0	-1.8	50.0
Toluene	Ave	2.182	2.139		19.6	20.0	-2.0	20.0
trans-1,3-Dichloropropene	QuaF	0.5832	0.5586		16.3	20.0	-18.4	50.0
1,1,2-Trichloroethane	Ave	0.3029	0.2864		18.9	20.0	-5.5	50.0
Tetrachloroethene	Ave	0.5025	0.5644		22.5	20.0	12.3	50.0
1,3-Dichloropropane	Ave	0.6730	0.6266		18.6	20.0	-6.9	50.0
2-Hexanone	Ave	0.2777	0.2366		17.0	20.0	-14.8	50.0
Dibromochloromethane	QuaF	0.3729	0.3789		18.1	20.0	-9.7	50.0
1,2-Dibromoethane	Ave	0.3429	0.3458		20.2	20.0	0.8	50.0
Butyl acetate	Ave	0.6518	0.5773		35.4	40.0	-11.4	50.0
Chlorobenzene	Ave	1.299	1.322	0.3000	20.4	20.0	1.8	50.0
1,1,1,2-Tetrachloroethane	QuaF	0.3842	0.3919		18.4	20.0	-8.1	50.0
Ethylbenzene	Ave	0.7166	0.7427		20.7	20.0	3.6	20.0
m&p-Xylene	Ave	0.9183	0.9238		40.2	40.0	0.6	50.0
o-Xylene	Ave	0.8713	0.8883		20.4	20.0	2.0	50.0
Styrene	Ave	1.492	1.486		19.9	20.0	-0.4	50.0
Butyl acrylate	Ave	1.513	1.222		16.2	20.0	-19.2	50.0
Bromoform	QuaF	0.2104	0.2206	0.1000	19.3	20.0	-3.6	50.0
Amly acetate	Ave	0.4712	0.3902		16.6	20.0	-17.2	50.0
Isopropylbenzene	Ave	2.428	2.504		20.6	20.0	3.2	50.0
Camphene, Total	Ave	0.5234	0.4249		16.2	20.0	-18.8	50.0
Monobromobenzene	Ave	0.999	1.000		20.0	20.0	0.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8712	0.7771	0.3000	17.8	20.0	-10.8	50.0
1,2,3-Trichloropropane	Ave	0.2521	0.2272		18.0	20.0	-9.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0980	0.0970		19.8	20.0	-1.1	50.0
N-Propylbenzene	Ave	5.615	5.335		19.0	20.0	-5.0	50.0
2-Chlorotoluene	Ave	3.173	2.893		18.2	20.0	-8.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118221/2 Calibration Date: 07/02/2012 04:54

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61779.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
4-Chlorotoluene	Ave	3.324	3.034		18.3	20.0	-8.7	50.0
1,3,5-Trimethylbenzene	Ave	3.776	3.522		18.7	20.0	-6.7	50.0
Butyl Methacrylate	Ave	1.312	1.077		16.4	20.0	-17.9	50.0
tert-Butylbenzene	Ave	3.394	3.317		19.5	20.0	-2.3	50.0
1,2,4-Trimethylbenzene	Ave	3.816	3.565		18.7	20.0	-6.6	50.0
sec-Butylbenzene	Ave	5.254	5.023		19.1	20.0	-4.4	50.0
1,3-Dichlorobenzene	Ave	2.051	2.038		19.9	20.0	-0.6	50.0
1,4-Dichlorobenzene	Ave	2.068	2.051		19.8	20.0	-0.8	50.0
4-Isopropyltoluene	Ave	4.307	4.167		19.3	20.0	-3.3	50.0
Benzyl chloride	QuaF	1.392	1.100		12.8	20.0	-36.0	50.0
1,2-Dichlorobenzene	Ave	1.911	1.909		20.0	20.0	-0.1	50.0
n-Butylbenzene	Ave	4.372	4.163		19.0	20.0	-4.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1806	0.1470		16.3	20.0	-18.6	50.0
Camphor	Ave	0.1029	0.0861		83.7	100	-16.3	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.555		20.2	20.0	0.8	50.0
Hexachlorobutadiene	Ave	0.9373	1.012		21.6	20.0	8.0	50.0
Naphthalene	Ave	3.342	3.019		18.1	20.0	-9.7	50.0
1,2,3-Trichlorobenzene	Ave	1.431	1.413		19.8	20.0	-1.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2473	0.2458		49.7	50.0	-0.6	50.0
Toluene-d8 (Surr)	Ave	1.101	1.062		48.2	50.0	-3.6	50.0
Bromofluorobenzene	Ave	0.6798	0.7055		51.9	50.0	3.8	50.0

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61779.d
Report Date: 12-Jul-2012 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61779.d
Lab Smp Id: CCVIS
Inj Date : 02-JUL-2012 04:54
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 12-Jul-2012 10:21 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:56 Cal File: o61390.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				267724	40.0000	43
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	169976	20.0000	22
1 Chloromethane	50	0.973	0.973	(0.263)	194401	20.0000	25
4 Vinyl Chloride	62	1.009	1.009	(0.272)	185751	20.0000	22
3 Bromomethane	94	1.166	1.166	(0.315)	93622	20.0000	21
5 Chloroethane	64	1.217	1.217	(0.329)	97520	20.0000	21
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	252100	20.0000	21
127 Ethanol	46	1.460	1.460	(0.394)	85851	3000.00	2600
46 Ethyl Ether	59	1.496	1.496	(0.404)	88335	20.0000	20
119 Isoprene	67	1.503	1.503	(0.406)	167739	20.0000	20
47 Acrolein	56	1.568	1.568	(0.423)	187577	300.000	250
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	104808	20.0000	21
48 Freon TF	101	1.611	1.611	(0.435)	132075	20.0000	22
7 Acetone	43	1.654	1.654	(0.447)	37624	20.0000	27

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61779.d
Report Date: 12-Jul-2012 10:21

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	1.704	1.704	(0.460)	165673	20.0000	23
8	Carbon Disulfide	76	1.732	1.732	(0.468)	347291	20.0000	20
50	Acetonitrile	41	1.825	1.825	(0.493)	295941	400.000	460
125	Methyl acetate	74	1.840	1.840	(0.497)	18189	20.0000	22
6	Methylene Chloride	84	1.897	1.897	(0.512)	127320	20.0000	25
51	TBA	59	1.983	1.983	(0.536)	199907	400.000	350
52	Acrylonitrile	53	2.055	2.055	(0.555)	279674	150.000	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	128349	20.0000	22
53	MTBE	73	2.062	2.062	(0.557)	285965	20.0000	20
54	Hexane	56	2.227	2.227	(0.601)	107599	20.0000	20
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	246176	20.0000	21
57	Vinyl Acetate	43	2.384	2.384	(0.644)	328629	20.0000	18
55	DIPE	45	2.384	2.384	(0.644)	374429	20.0000	20
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	314721	20.0000	20
157	Dichlorofluoromethane	67	1.317	1.317	(0.356)	274908	20.0000	22
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	213040	20.0000	21
13	cis-1,2-Dichloroethene	96	2.749	2.749	(0.743)	139374	20.0000	21
18	2-Butanone	72	2.771	2.771	(0.748)	13063	20.0000	22
56	Ethyl Acetate	70	2.821	2.821	(0.762)	16232	40.0000	38
108	Bromochloromethane	128	2.929	2.929	(0.791)	59534	20.0000	25
15	Chloroform	83	3.000	3.000	(0.810)	232699	20.0000	21
160	Tetrahydrofuran	42	2.972	2.972	(0.803)	38245	20.0000	24
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	212016	20.0000	22
59	Cyclohexane	56	3.165	3.165	(0.855)	249535	20.0000	20
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	167596	20.0000	23
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	196679	20.0000	22
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	201057	50.0000	50
28	Benzene	78	3.444	3.444	(0.930)	498172	20.0000	22
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	155760	20.0000	21
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	404358	40.0000	40
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	250461	20.0000	20
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	817744	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	127946	20.0000	23
63	n-Butanol	43	4.082	4.082	(1.103)	110931	1500.00	1300
96	Ethyl Acrylate	85	4.211	4.211	(1.137)	4911	20.0000	20
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	234275	20.0000	22
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	121675	20.0000	21
109	Dibromomethane	93	4.397	4.397	(1.188)	63794	20.0000	21
95	1,4-Dioxane	88	4.454	4.454	(1.203)	10536	150.000	160
146	Methyl methacrylate	69	4.454	4.454	(1.203)	57598	20.0000	20
64	Propyl Acetate	43	4.540	4.540	(1.226)	246548	40.0000	40
22	Bromodichloromethane	83	4.583	4.583	(1.238)	150919	20.0000	22
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	57078	20.0000	22
118	Epichlorohydrin	57	5.013	5.013	(1.354)	191699	400.000	380
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	174107	20.0000	22
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	82469	20.0000	20
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	673197	50.0000	48

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61779.d
Report Date: 12-Jul-2012 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
38	Toluene	91	5.464	5.464	(0.752)	542381	20.0000	20
29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	141650	20.0000	16
27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	72612	20.0000	19
35	Tetrachloroethene	166	6.130	6.130	(0.843)	143129	20.0000	22
103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	158903	20.0000	19
34	2-Hexanone	43	6.388	6.388	(0.879)	60001	20.0000	17
26	Dibromochloromethane	129	6.496	6.496	(0.894)	96088	20.0000	18
65	Butyl Acetate	43	6.610	6.610	(0.909)	292760	40.0000	35
66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	87674	20.0000	20
* 32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	633948	50.0000	
39	Chlorobenzene	112	7.312	7.312	(1.006)	335325	20.0000	20
97	1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	99377	20.0000	18
40	Ethylbenzene	106	7.506	7.506	(1.032)	188329	20.0000	21
43	m+p-Xylene	106	7.692	7.692	(1.058)	468533	40.0000	40
44	o-Xylene	106	8.272	8.272	(1.138)	225263	20.0000	20
42	Styrene	104	8.308	8.308	(1.143)	376770	20.0000	20
147	Butyl Acrylate	55	8.380	8.380	(0.766)	177912	20.0000	16
31	Bromoform	173	8.537	8.537	(1.174)	55950	20.0000	19
145	Amyl Acetate	43	8.766	8.766	(1.206)	98952	20.0000	16
110	Isopropylbenzene	105	8.867	8.867	(1.220)	634990	20.0000	21
$ 41	Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	256763	50.0000	52
150	Camphene	41	9.196	9.196	(0.841)	61847	20.0000	16
107	Bromobenzene	156	9.254	9.254	(0.846)	145525	20.0000	20
36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	113106	20.0000	18
99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	33076	20.0000	18
143	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	31720	20.0000	20
112	n-Propylbenzene	91	9.526	9.526	(0.871)	776612	20.0000	19
105	2-Chlorotoluene	91	9.597	9.597	(0.878)	421142	20.0000	18
106	4-Chlorotoluene	91	9.784	9.784	(0.895)	441689	20.0000	18
102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	512664	20.0000	19
148	Butyl methacrylate	69	10.142	10.142	(0.927)	156766	20.0000	16
115	tert-Butylbenzene	119	10.349	10.349	(0.946)	482800	20.0000	20
100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	518866	20.0000	19
114	sec-Butylbenzene	105	10.715	10.715	(0.980)	731203	20.0000	19
67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	296703	20.0000	20
* 91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	363895	50.0000	
68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	298529	20.0000	20
113	p-Isopropyltoluene	119	10.994	10.994	(1.005)	606469	20.0000	19
69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	277845	20.0000	20
117	Benzyl chloride	91	11.238	11.238	(1.028)	160132	20.0000	13
111	n-Butylbenzene	91	11.603	11.603	(1.061)	605887	20.0000	19
101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	21400	20.0000	16
152	Camphor	95	13.186	13.186	(1.206)	62676	100.000	84
93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	226344	20.0000	20
94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	147284	20.0000	22
70	Naphthalene	128	13.480	13.480	(1.232)	439404	20.0000	18
98	1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	205731	20.0000	20

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61779.d
Report Date: 12-Jul-2012 10:21

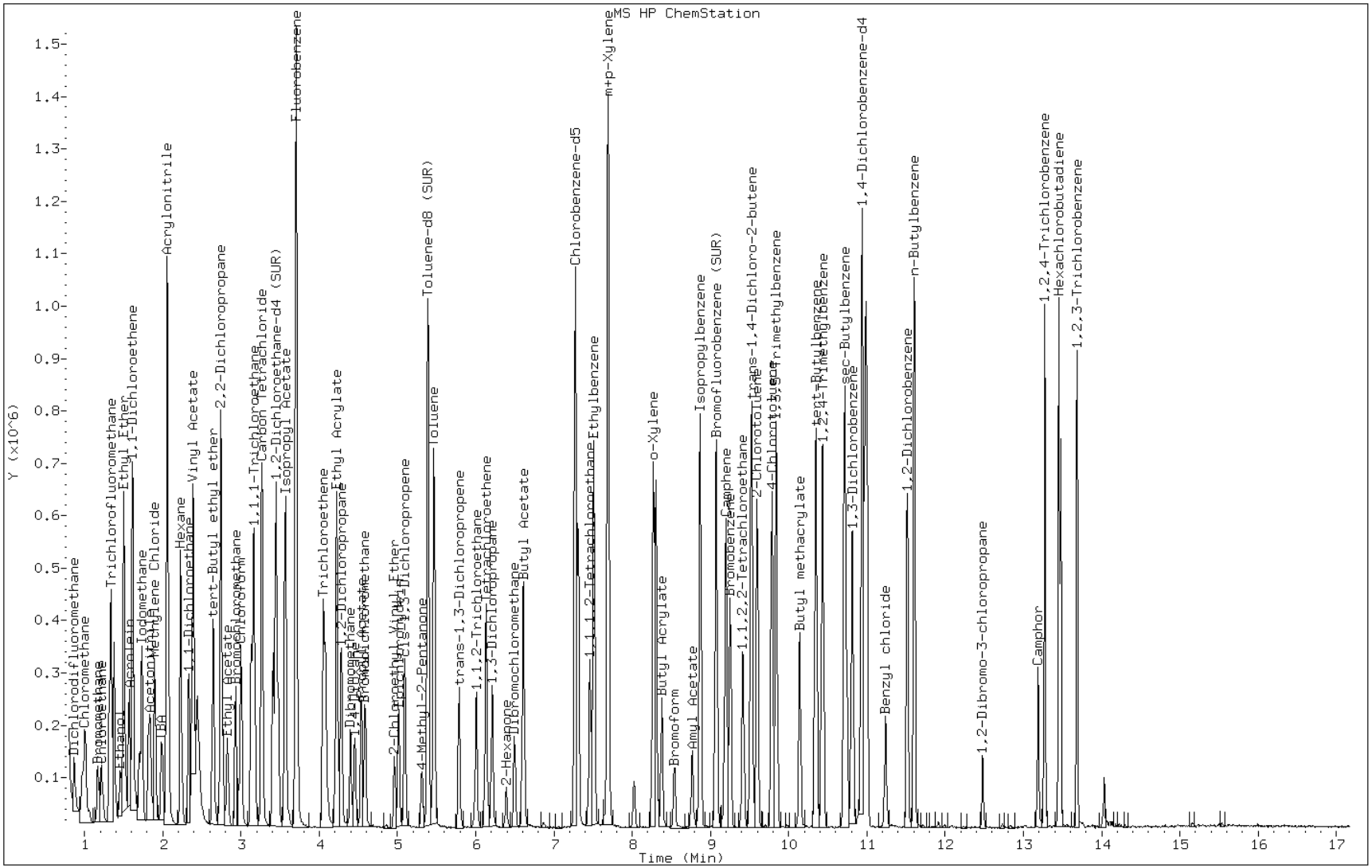
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				693796	60.0000	61

Data File: o61779.d

Date: 02-JUL-2012 04:54

Client ID: Instrument: VOAMS12.i

Sample Info: CCVIS Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118368/2 Calibration Date: 07/02/2012 17:29

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61807.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
Dichlorodifluoromethane	Ave	0.4740	0.5265		22.2	20.0	11.1	50.0
Chloromethane	LinF	0.5685	0.6263	0.1000	26.8	20.0	33.9	50.0
Vinyl chloride	Ave	0.5169	0.5837		22.6	20.0	12.9	20.0
Bromomethane	LinF	0.3189	0.3226		23.5	20.0	17.4	50.0
Chloroethane	Ave	0.2887	0.3090		21.4	20.0	7.0	50.0
Dichlorofluoromethane	Ave	0.7808	0.8410		21.5	20.0	7.7	50.0
Trichlorofluoromethane	Ave	0.7283	0.7642		21.0	20.0	4.9	50.0
Ethanol	Ave	0.0020	0.0021		3190	3000	6.2	50.0
Ethyl ether	Ave	0.2767	0.3060		22.1	20.0	10.6	50.0
Isopropene	Ave	0.5042	0.5024		19.9	20.0	-0.3	50.0
Acrolein	Ave	0.0466	0.0405		260	300	-13.2	99.0
1,1-Dichloroethene	Ave	0.3060	0.3304		21.6	20.0	8.0	20.0
Freon TF	Ave	0.3633	0.4043		22.3	20.0	11.3	50.0
Acetone	LinF	0.1089	0.1211		28.3	20.0	41.6	50.0
Iodomethane	Ave	0.4311	0.5634		26.1	20.0	30.7	50.0
Carbon disulfide	Ave	1.086	1.111		20.5	20.0	2.3	50.0
Acetonitrile	LinF	0.0506	0.0525		530	400	32.6	50.0
Methyl acetate	LinF	0.0580	0.0662		25.6	20.0	28.2	50.0
Methylene Chloride	LinF	0.4477	0.4365		27.7	20.0	38.5	50.0
TBA	Ave	0.0350	0.0353		403	400	0.8	50.0
Acrylonitrile	Ave	0.1218	0.1274		157	150	4.6	50.0
trans-1,2-Dichloroethene	Ave	0.3600	0.4096		22.8	20.0	13.8	50.0
MTBE	Ave	0.8791	0.9149		20.8	20.0	4.1	50.0
Hexane	Ave	0.3253	0.3152		19.4	20.0	-3.1	50.0
1,1-Dichloroethane	Ave	0.7261	0.8004	0.1000	22.0	20.0	10.2	50.0
DIPE	Ave	1.165	1.154		19.8	20.0	-1.0	50.0
Vinyl acetate	Ave	1.105	1.017		18.4	20.0	-7.9	50.0
Tert-butyl ethyl ether	Ave	0.9791	0.9827	0.0100	20.1	20.0	0.4	50.0
2,2-Dichloropropane	Ave	0.6304	0.6641		21.1	20.0	5.3	50.0
cis-1,2-Dichloroethene	Ave	0.4066	0.4720		23.2	20.0	16.1	50.0
2-Butanone	Ave	0.0354	0.0433		24.5	20.0	22.3	50.0
Ethyl acetate	Ave	0.0260	0.0282		43.5	40.0	8.7	50.0
Bromochloromethane	LinF	0.1657	0.1994		27.2	20.0	36.1	50.0
Chloroform	Ave	0.6649	0.7633		23.0	20.0	14.8	20.0
1,1,1-Trichloroethane	Ave	0.5740	0.6639		23.1	20.0	15.7	50.0
Cyclohexane	Ave	0.7563	0.7511		19.9	20.0	-0.7	50.0
1,1-Dichloropropene	Ave	0.5473	0.5754		21.0	20.0	5.1	50.0
Carbon tetrachloride	Ave	0.4438	0.5167		23.3	20.0	16.4	50.0
Benzene	Ave	1.408	1.532		21.8	20.0	8.8	50.0
1,2-Dichloroethane	Ave	0.4612	0.5283		22.9	20.0	14.6	50.0
Isopropyl acetate	Ave	0.6201	0.6018		38.8	40.0	-3.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118368/2 Calibration Date: 07/02/2012 17:29

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61807.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
Tert-amyl methyl ether	Ave	0.7539	0.7673		20.4	20.0	1.8	50.0
Trichloroethene	Ave	0.3451	0.3886		22.5	20.0	12.6	50.0
n-Butanol	Ave	0.0051	0.0047		1380	1500	-7.8	50.0
Ethyl acrylate	Ave	0.0148	0.0165		22.3	20.0	11.6	50.0
Methylcyclohexane	Ave	0.6558	0.6781		20.7	20.0	3.4	50.0
1,2-Dichloropropane	Ave	0.3534	0.3553		20.1	20.0	0.5	20.0
Dibromomethane	Ave	0.1860	0.2160		23.2	20.0	16.1	50.0
1,4-Dioxane	Ave	0.0039	0.0051		193	150	28.8	50.0
Methyl methacrylate	Ave	0.1746	0.1768		20.3	20.0	1.3	50.0
Propyl acetate	Ave	0.3759	0.3691		39.3	40.0	-1.8	50.0
Bromodichloromethane	Ave	0.4179	0.4845		23.2	20.0	15.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1589	0.1741		21.9	20.0	9.5	50.0
Epichlorohydrin	Ave	0.0307	0.0330		430	400	7.4	50.0
cis-1,3-Dichloropropene	Ave	0.4861	0.5353		22.0	20.0	10.1	50.0
4-Methyl-2-pentanone	Ave	0.2567	0.2608		20.3	20.0	1.6	50.0
Toluene	Ave	2.182	2.078		19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	QuaF	0.5832	0.5205		15.2	20.0	-23.9	50.0
1,1,2-Trichloroethane	Ave	0.3029	0.2733		18.0	20.0	-9.8	50.0
Tetrachloroethene	Ave	0.5025	0.5496		21.9	20.0	9.4	50.0
1,3-Dichloropropane	Ave	0.6730	0.6143		18.3	20.0	-8.7	50.0
2-Hexanone	Ave	0.2777	0.2240		16.1	20.0	-19.3	50.0
Dibromochloromethane	QuaF	0.3729	0.3689		17.6	20.0	-12.1	50.0
1,2-Dibromoethane	Ave	0.3429	0.3460		20.2	20.0	0.9	50.0
Butyl acetate	Ave	0.6518	0.5458		33.5	40.0	-16.3	50.0
Chlorobenzene	Ave	1.299	1.303	0.3000	20.1	20.0	0.3	50.0
1,1,1,2-Tetrachloroethane	QuaF	0.3842	0.3890		18.2	20.0	-8.8	50.0
Ethylbenzene	Ave	0.7166	0.7188		20.1	20.0	0.3	20.0
m&p-Xylene	Ave	0.9183	0.9040		39.4	40.0	-1.6	50.0
o-Xylene	Ave	0.8713	0.8911		20.5	20.0	2.3	50.0
Styrene	Ave	1.492	1.492		20.0	20.0	0.0	50.0
Butyl acrylate	Ave	1.513	1.158		15.3	20.0	-23.5	50.0
Bromoform	QuaF	0.2104	0.2230	0.1000	19.5	20.0	-2.5	50.0
Amly acetate	Ave	0.4712	0.3745		15.9	20.0	-20.5	50.0
Isopropylbenzene	Ave	2.428	2.457		20.2	20.0	1.2	50.0
Camphene, Total	Ave	0.5234	0.3833		14.6	20.0	-26.8	50.0
Monobromobenzene	Ave	0.999	0.9747		19.5	20.0	-2.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8712	0.7765	0.3000	17.8	20.0	-10.9	50.0
1,2,3-Trichloropropane	Ave	0.2521	0.2254		17.9	20.0	-10.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0980	0.1031		21.0	20.0	5.1	50.0
N-Propylbenzene	Ave	5.615	5.013		17.9	20.0	-10.7	50.0
2-Chlorotoluene	Ave	3.173	2.838		17.9	20.0	-10.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118368/2 Calibration Date: 07/02/2012 17:29

Instrument ID: VOAMS12 Calib Start Date: 06/21/2012 19:31

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/21/2012 23:37

Lab File ID: o61807.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
4-Chlorotoluene	Ave	3.324	2.865		17.2	20.0	-13.8	50.0
1,3,5-Trimethylbenzene	Ave	3.776	3.363		17.8	20.0	-10.9	50.0
Butyl Methacrylate	Ave	1.312	0.999		15.2	20.0	-23.8	50.0
tert-Butylbenzene	Ave	3.394	3.108		18.3	20.0	-8.4	50.0
1,2,4-Trimethylbenzene	Ave	3.816	3.436		18.0	20.0	-10.0	50.0
sec-Butylbenzene	Ave	5.254	4.658		17.7	20.0	-11.3	50.0
1,3-Dichlorobenzene	Ave	2.051	1.985		19.4	20.0	-3.2	50.0
1,4-Dichlorobenzene	Ave	2.068	1.985		19.2	20.0	-4.0	50.0
4-Isopropyltoluene	Ave	4.307	3.878		18.0	20.0	-10.0	50.0
Benzyl chloride	QuaF	1.392	1.115		13.0	20.0	-35.1	50.0
1,2-Dichlorobenzene	Ave	1.911	1.921		20.1	20.0	0.5	50.0
n-Butylbenzene	Ave	4.372	3.817		17.4	20.0	-12.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1806	0.1410		15.6	20.0	-21.9	50.0
Camphor	Ave	0.1029	0.0868		84.3	100	-15.7	50.0
1,2,4-Trichlorobenzene	Ave	1.543	1.613		20.9	20.0	4.5	50.0
Hexachlorobutadiene	Ave	0.9373	0.9575		20.4	20.0	2.2	50.0
Naphthalene	Ave	3.342	3.190		19.1	20.0	-4.6	50.0
1,2,3-Trichlorobenzene	Ave	1.431	1.489		20.8	20.0	4.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2473	0.2656		53.7	50.0	7.4	50.0
Toluene-d8 (Surr)	Ave	1.101	1.042		47.3	50.0	-5.3	50.0
Bromofluorobenzene	Ave	0.6798	0.6832		50.3	50.0	0.5	50.0

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61807.d
Report Date: 03-Jul-2012 14:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61807.d
Lab Smp Id: CCVIS
Inj Date : 02-JUL-2012 17:29
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 03-Jul-2012 14:20 barsoums Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				254518	40.0000	46
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	152005	20.0000	22
1 Chloromethane	50	0.987	0.987	(0.267)	180814	20.0000	27
4 Vinyl Chloride	62	1.009	1.009	(0.272)	168498	20.0000	22
3 Bromomethane	94	1.166	1.166	(0.315)	93125	20.0000	23
5 Chloroethane	64	1.217	1.217	(0.329)	89214	20.0000	21
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	220636	20.0000	21
127 Ethanol	46	1.453	1.453	(0.392)	91538	3000.00	3200
46 Ethyl Ether	59	1.496	1.496	(0.404)	88327	20.0000	22
119 Isoprene	67	1.503	1.503	(0.406)	145048	20.0000	20
47 Acrolein	56	1.568	1.568	(0.423)	175219	300.000	260
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	95380	20.0000	22
48 Freon TF	101	1.611	1.611	(0.435)	116709	20.0000	22
7 Acetone	43	1.661	1.661	(0.449)	34959	20.0000	28

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61807.d
Report Date: 03-Jul-2012 14:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	1.704	1.704	(0.460)	162640	20.0000	26
8	Carbon Disulfide	76	1.732	1.732	(0.468)	320657	20.0000	20
50	Acetonitrile	41	1.818	1.818	(0.491)	302864	400.000	530
125	Methyl acetate	74	1.840	1.840	(0.497)	19099	20.0000	26
6	Methylene Chloride	84	1.897	1.897	(0.512)	126011	20.0000	28
51	TBA	59	1.983	1.983	(0.536)	203586	400.000	400
52	Acrylonitrile	53	2.055	2.055	(0.555)	275781	150.000	160
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	118239	20.0000	23
53	MTBE	73	2.062	2.062	(0.557)	264116	20.0000	21
54	Hexane	56	2.227	2.227	(0.601)	90992	20.0000	19
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	231064	20.0000	22
57	Vinyl Acetate	43	2.384	2.384	(0.644)	293710	20.0000	18
55	DIPE	45	2.384	2.384	(0.644)	333106	20.0000	20
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	283695	20.0000	20
157	Dichlorofluoromethane	67	1.317	1.317	(0.356)	242804	20.0000	22
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	191714	20.0000	21
13	cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	136279	20.0000	23
18	2-Butanone	72	2.778	2.778	(0.750)	12486	20.0000	24
56	Ethyl Acetate	70	2.828	2.828	(0.764)	16299	40.0000	43
108	Bromochloromethane	128	2.929	2.929	(0.791)	57559	20.0000	27
15	Chloroform	83	3.000	3.000	(0.810)	220369	20.0000	23
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	191660	20.0000	23
59	Cyclohexane	56	3.165	3.165	(0.855)	216843	20.0000	20
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	149178	20.0000	23
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	166127	20.0000	21
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	191707	50.0000	54
28	Benzene	78	3.444	3.444	(0.930)	442270	20.0000	22
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	152526	20.0000	23
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	347460	40.0000	39
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	221525	20.0000	20
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	721748	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	112187	20.0000	22
63	n-Butanol	43	4.082	4.082	(1.103)	101740	1500.00	1400
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	4768	20.0000	22
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	195754	20.0000	21
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	102571	20.0000	20
109	Dibromomethane	93	4.397	4.397	(1.188)	62344	20.0000	23
95	1,4-Dioxane	88	4.454	4.454	(1.203)	10999	150.000	190
146	Methyl methacrylate	69	4.454	4.454	(1.203)	51052	20.0000	20
64	Propyl Acetate	43	4.540	4.540	(1.226)	213106	40.0000	39
22	Bromodichloromethane	83	4.590	4.590	(1.240)	139862	20.0000	23
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	50252	20.0000	22
118	Epichlorohydrin	57	5.013	5.013	(1.354)	190350	400.000	430
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	154540	20.0000	22
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	75299	20.0000	20
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	615899	50.0000	47
38	Toluene	91	5.464	5.464	(0.752)	490998	20.0000	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61807.d
Report Date: 03-Jul-2012 14:20

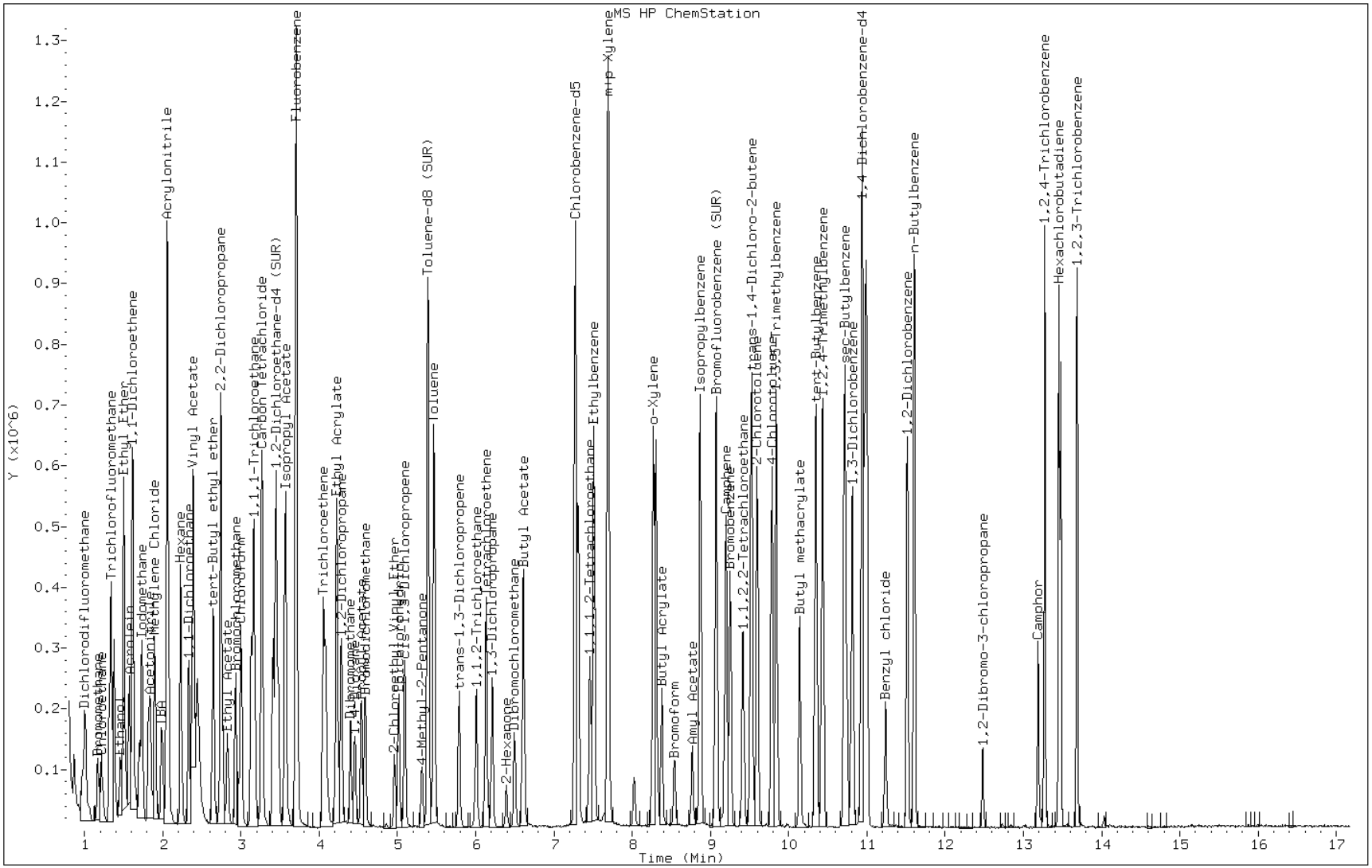
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	123009	20.0000	15
	27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	64588	20.0000	18
	35	Tetrachloroethene	166	6.130	6.130	(0.843)	129877	20.0000	22
	103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	145174	20.0000	18
	34	2-Hexanone	43	6.388	6.388	(0.879)	52932	20.0000	16
	26	Dibromochloromethane	129	6.496	6.496	(0.894)	87181	20.0000	18
	65	Butyl Acetate	43	6.610	6.610	(0.909)	257937	40.0000	33
	66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	81774	20.0000	20
*	32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	590784	50.0000	
	39	Chlorobenzene	112	7.312	7.312	(1.006)	307921	20.0000	20
	97	1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	91922	20.0000	18
	40	Ethylbenzene	106	7.513	7.513	(1.034)	169870	20.0000	20
	43	m+p-Xylene	106	7.692	7.692	(1.058)	427238	40.0000	39
	44	o-Xylene	106	8.272	8.272	(1.138)	210571	20.0000	20
	42	Styrene	104	8.308	8.308	(1.143)	352675	20.0000	20
	147	Butyl Acrylate	55	8.380	8.380	(0.766)	164265	20.0000	15
	31	Bromoform	173	8.537	8.537	(1.174)	52707	20.0000	19
	145	Amyl Acetate	43	8.766	8.766	(1.206)	88499	20.0000	16
	110	Isopropylbenzene	105	8.867	8.867	(1.220)	580729	20.0000	20
$	41	Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	242388	50.0000	50
	150	Camphene	41	9.196	9.196	(0.841)	54382	20.0000	15
	107	Bromobenzene	156	9.254	9.254	(0.846)	138311	20.0000	20
	36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	110185	20.0000	18
	99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	31977	20.0000	18
	143	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	29754	20.0000	21
	112	n-Propylbenzene	91	9.526	9.526	(0.871)	711274	20.0000	18
	105	2-Chlorotoluene	91	9.597	9.597	(0.878)	402770	20.0000	18
	106	4-Chlorotoluene	91	9.784	9.784	(0.895)	406592	20.0000	17
	102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	477265	20.0000	18
	148	Butyl methacrylate	69	10.142	10.142	(0.927)	141751	20.0000	15
	115	tert-Butylbenzene	119	10.349	10.349	(0.946)	440989	20.0000	18
	100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	487506	20.0000	18
	114	sec-Butylbenzene	105	10.715	10.715	(0.980)	660947	20.0000	18
	67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	281651	20.0000	19
*	91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	354741	50.0000	
	68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	281636	20.0000	19
	113	p-Isopropyltoluene	119	10.994	10.994	(1.005)	550252	20.0000	18
	69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	272534	20.0000	20
	117	Benzyl chloride	91	11.238	11.238	(1.028)	158262	20.0000	13
	111	n-Butylbenzene	91	11.603	11.603	(1.061)	541675	20.0000	17
	101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	20013	20.0000	16
	152	Camphor	95	13.186	13.186	(1.206)	61597	100.000	84
	93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	228845	20.0000	21
	94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	135866	20.0000	20
	70	Naphthalene	128	13.480	13.480	(1.232)	452653	20.0000	19
	98	1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	211218	20.0000	21
M	45	Xylene (Total)	100				637809	60.0000	60

Data File: o61807.d

Date: 02-JUL-2012 17:29

Client ID: Instrument: VOAMS12.i

Sample Info: CCVIS Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118537/2 Calibration Date: 07/03/2012 20:33

Instrument ID: VOAMS5 Calib Start Date: 07/03/2012 09:31

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 07/03/2012 11:51

Lab File ID: e05036.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.1709	0.1735		19.0	20.0	-5.2	50.0
Chloromethane	Ave	0.2893	0.2783	0.1000	19.2	20.0	-3.8	50.0
Vinyl chloride	Ave	0.2566	0.2431		18.9	20.0	-5.3	20.0
Bromomethane	Ave	0.1335	0.1305		19.5	20.0	-2.3	50.0
Chloroethane	Ave	0.1148	0.1117		19.4	20.0	-2.8	50.0
n-Pentane	Ave	0.0217	0.0236		21.7	20.0	8.7	50.0
Trichlorofluoromethane	Ave	0.2418	0.2504		20.7	20.0	3.5	50.0
Isopropene	Ave	0.2664	0.2513		18.9	20.0	-5.7	50.0
Ethyl ether	Ave	0.1726	0.1617		18.7	20.0	-6.3	50.0
1,1-Dichloroethene	Ave	0.1779	0.1582		17.8	20.0	-11.0	20.0
Ethanol	Ave	0.0011	0.0010		2600	3000	-13.4	50.0
Carbon disulfide	Ave	0.6435	0.5727		17.8	20.0	-11.0	50.0
Freon TF	Ave	0.1891	0.1702		18.0	20.0	-10.0	50.0
Iodomethane	QuaF	0.1971	0.1728		9.89	20.0	-50.5*	50.0
Acrolein	Ave	0.0348	0.0278		31.8	40.0	-20.4	99.0
Methylene Chloride	Ave	0.2498	0.2336		18.7	20.0	-6.5	50.0
Acetone	Ave	0.0190	0.0173		18.2	20.0	-8.8	50.0
trans-1,2-Dichloroethene	Ave	0.2247	0.1982		17.6	20.0	-11.8	50.0
Methyl acetate	Ave	0.0380	0.0385		20.2	20.0	1.2	50.0
Hexane	Ave	0.0585	0.0532		18.2	20.0	-9.2	50.0
MTBE	Ave	0.6700	0.6439		19.2	20.0	-3.9	50.0
TBA	Ave	0.0202	0.0190		376	400	-6.0	50.0
Acetonitrile	Ave	0.0055	0.0054		431	400	-3.1	50.0
DIPE	Ave	0.8459	0.7817		18.5	20.0	-7.6	50.0
1,1-Dichloroethane	Ave	0.4288	0.3767	0.1000	17.6	20.0	-12.1	50.0
Acrylonitrile	Ave	0.0790	0.0690		17.5	20.0	-12.7	50.0
Tert-butyl ethyl ether	Ave	0.7468	0.6933	0.0100	18.6	20.0	-7.2	50.0
Vinyl acetate	Ave	0.4229	0.3383		16.0	20.0	-20.0	50.0
cis-1,2-Dichloroethene	Ave	0.2491	0.2376		19.1	20.0	-4.6	50.0
2,2-Dichloropropane	Ave	0.3212	0.2841		17.7	20.0	-11.6	50.0
Bromochloromethane	Ave	0.1271	0.1172		18.4	20.0	-7.8	50.0
Cyclohexane	Ave	0.3767	0.3516		18.7	20.0	-6.7	50.0
Chloroform	Ave	0.4010	0.3737		18.6	20.0	-6.8	20.0
Carbon tetrachloride	Ave	0.2872	0.2580		18.0	20.0	-10.2	50.0
Ethyl acetate	Ave	0.0214	0.0237		44.3	40.0	10.8	50.0
Tetrahydrofuran	LinF	0.0944	0.0911		23.0	20.0	15.2	50.0
1,1,1-Trichloroethane	Ave	0.3484	0.3207		18.4	20.0	-8.0	50.0
2-Butanone	LinF	0.0340	0.0356		18.9	20.0	-5.3	50.0
1,1-Dichloropropene	Ave	0.3503	0.3242		18.5	20.0	-7.5	50.0
Benzene	Ave	1.211	1.116		18.4	20.0	-7.9	50.0
n-Heptane	Ave	0.1431	0.1276		17.8	20.0	-10.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118537/2 Calibration Date: 07/03/2012 20:33

Instrument ID: VOAMS5 Calib Start Date: 07/03/2012 09:31

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 07/03/2012 11:51

Lab File ID: e05036.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6483	0.6412		19.8	20.0	-1.1	50.0
1,2-Dichloroethane	Ave	0.2926	0.2779		19.0	20.0	-5.0	50.0
Isopropyl acetate	Ave	0.3796	0.3673		38.7	40.0	-3.2	50.0
Methylcyclohexane	Ave	0.3759	0.3605		19.2	20.0	-4.1	50.0
Trichloroethene	Ave	0.2446	0.2328		19.0	20.0	-4.8	50.0
Dibromomethane	Ave	0.1401	0.1346		19.2	20.0	-3.9	50.0
n-Butanol	Ave	0.0050	0.0051		1540	1500	2.4	50.0
1,2-Dichloropropane	Ave	0.2519	0.2368		18.8	20.0	-6.0	20.0
Bromodichloromethane	Ave	0.3125	0.2864		18.3	20.0	-8.4	50.0
Ethyl acrylate	Ave	0.2685	0.2697		20.1	20.0	0.4	50.0
Methyl methacrylate	LinF	0.0591	0.0608		18.2	20.0	-9.2	50.0
1,4-Dioxane	LinF	0.0020	0.0020		140	150	-6.4	50.0
Propyl acetate	Ave	0.2951	0.2954		40.0	40.0	0.0	50.0
2-Chloroethyl vinyl ether	Ave	0.1207	0.1274		20.8	20.0	5.6	50.0
cis-1,3-Dichloropropene	Ave	0.4992	0.4603		17.8	20.0	-7.8	50.0
Toluene	Ave	1.444	1.314		18.2	20.0	-9.0	20.0
Epichlorohydrin	Ave	0.0244	0.0243		398	400	-0.5	50.0
Tetrachloroethene	Ave	0.3604	0.3384		18.8	20.0	-6.1	50.0
4-Methyl-2-pentanone	Ave	0.2505	0.2449		19.6	20.0	-2.2	50.0
trans-1,3-Dichloropropene	Ave	0.4419	0.4056		18.4	20.0	-8.2	50.0
1,1,2-Trichloroethane	Ave	0.2169	0.2049		18.9	20.0	-5.5	50.0
Dibromochloromethane	Ave	0.3096	0.2769		17.9	20.0	-10.6	50.0
1,3-Dichloropropane	Ave	0.4681	0.4301		18.4	20.0	-8.1	50.0
1,2-Dibromoethane	Ave	0.2723	0.2518		18.5	20.0	-7.5	50.0
Butyl acetate	Ave	0.0735	0.0725		39.4	40.0	-1.4	50.0
2-Hexanone	Ave	0.1886	0.1973		20.9	20.0	4.6	50.0
Chlorobenzene	Ave	0.9500	0.8812	0.3000	18.6	20.0	-7.2	50.0
Ethylbenzene	Ave	0.4966	0.4810		19.4	20.0	-3.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3208	0.2884		18.0	20.0	-10.1	50.0
m&p-Xylene	Ave	0.6427	0.6563		40.8	40.0	2.1	50.0
o-Xylene	Ave	0.6214	0.6245		20.1	20.0	0.5	50.0
Bromoform	Ave	0.2226	0.1979	0.1000	17.8	20.0	-11.1	50.0
Styrene	Ave	1.052	1.011		19.2	20.0	-3.8	50.0
Amly acetate	Ave	0.3495	0.3819		21.6	20.0	9.3	50.0
Butyl acrylate	LinF	0.2233	0.2223		17.2	20.0	-13.8	50.0
Isopropylbenzene	Ave	1.597	1.512		18.9	20.0	-5.3	50.0
Camphene, Total	Ave	0.0973	0.0746		15.3	20.0	-23.4	50.0
Monobromobenzene	Ave	0.7298	0.6589		18.1	20.0	-9.7	50.0
N-Propylbenzene	Ave	3.104	3.020		19.5	20.0	-2.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5622	0.5258	0.3000	18.7	20.0	-6.5	50.0
2-Chlorotoluene	Ave	1.858	1.729		18.6	20.0	-7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118537/2 Calibration Date: 07/03/2012 20:33

Instrument ID: VOAMS5 Calib Start Date: 07/03/2012 09:31

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 07/03/2012 11:51

Lab File ID: e05036.d Conc. Units: ug/L 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	0.1665	0.1596		19.2	20.0	-4.2	50.0
1,3,5-Trimethylbenzene	Ave	2.271	2.256		19.9	20.0	-0.7	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1467	0.1417		17.0	20.0	-15.0	50.0
4-Chlorotoluene	Ave	1.992	1.816		18.2	20.0	-8.8	50.0
tert-Butylbenzene	Ave	1.882	1.745		18.6	20.0	-7.2	50.0
1,2,4-Trimethylbenzene	Ave	2.425	2.929		24.2	20.0	20.8	50.0
Butyl Methacrylate	Ave	0.7431	0.7257		19.5	20.0	-2.3	50.0
sec-Butylbenzene	Ave	2.669	2.572		19.3	20.0	-3.7	50.0
1,3-Dichlorobenzene	Ave	1.360	1.240		18.2	20.0	-8.9	50.0
p-Isopropyltoluene	Ave	2.353	2.335		19.8	20.0	-0.8	50.0
1,4-Dichlorobenzene	Ave	1.396	1.273		18.2	20.0	-8.8	50.0
2-Octanone	Ave	0.6811	0.7044		20.7	20.0	3.4	50.0
Benzyl chloride	Ave	1.058	1.016		19.2	20.0	-4.0	50.0
n-Butylbenzene	Ave	2.013	2.029		20.2	20.0	0.8	50.0
1,2-Dichlorobenzene	Ave	1.303	1.193		18.3	20.0	-8.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.0944	0.0903		19.1	20.0	-4.4	50.0
1,2,4-Trichlorobenzene	Ave	0.8908	0.8196		18.4	20.0	-8.0	50.0
Hexachlorobutadiene	Ave	0.3760	0.3302		17.6	20.0	-12.2	50.0
Naphthalene	Ave	1.786	1.687		18.9	20.0	-5.6	50.0
1,2,3-Trichlorobenzene	Ave	0.7534	0.6886		18.3	20.0	-8.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2176	0.2295		52.7	50.0	5.5	50.0
Toluene-d8 (Surr)	Ave	1.052	1.113		52.9	50.0	5.8	50.0
Bromofluorobenzene	Ave	0.7356	0.7539		51.2	50.0	2.5	50.0

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05036.d
Report Date: 03-Jul-2012 20:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05036.d
Lab Smp Id: CCVIS
Inj Date : 03-JUL-2012 20:33
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 03-Jul-2012 20:57 martinez Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	37129	20.0000	19
3 Chloromethane	50	0.980	0.980	(0.273)	59560	20.0000	19
4 Vinyl Chloride	62	0.998	0.998	(0.279)	52020	20.0000	19
6 Bromomethane	94	1.150	1.150	(0.321)	27920	20.0000	20
5 Chloroethane	64	1.211	1.211	(0.338)	23895	20.0000	19
8 n-Pentane	72	1.266	1.266	(0.353)	5053	20.0000	22
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	53592	20.0000	21
10 Isoprene	67	1.419	1.419	(0.396)	53787	20.0000	19
11 Ethyl Ether	59	1.437	1.437	(0.401)	34605	20.0000	19
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	33867	20.0000	18
14 Freon TF	101	1.547	1.547	(0.432)	36416	20.0000	18
18 Carbon Disulfide	76	1.541	1.541	(0.430)	122576	20.0000	18
17 Iodomethane	142	1.608	1.608	(0.449)	36983	20.0000	9.9
9 Ethanol	46	1.535	1.535	(0.428)	31641	3000.00	2600

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05036.d
Report Date: 03-Jul-2012 20:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	1.705	1.705	(0.476)	11877	40.0000	32
	22 Methylene Chloride	84	1.839	1.839	(0.513)	49986	20.0000	19
	16 Acetone	58	1.870	1.870	(0.522)	3712	20.0000	18
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	42420	20.0000	18
	27 Methyl Acetate	74	1.943	1.943	(0.542)	8243	20.0000	20
	29 Hexane	86	1.974	1.974	(0.551)	11378	20.0000	18
	28 MTBE	73	1.998	1.998	(0.558)	137810	20.0000	19
	24 TBA	59	2.077	2.077	(0.580)	81333	400.000	380
	21 Acetonitrile	39	2.138	2.138	(0.597)	22975	400.000	430
	32 DIPE	45	2.230	2.230	(0.622)	167293	20.0000	18
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	80622	20.0000	18
	26 Acrylonitrile	53	2.321	2.321	(0.648)	14764	20.0000	17
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	72400	20.0000	16
	35 t-Butyl-ethyl-ether	59	2.455	2.455	(0.685)	148384	20.0000	18
	34 n-Propanol	42	2.516	2.516	(0.702)	35979	3000.00	2900
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	50841	20.0000	19
	37 2,2-Dichloropropane	77	2.705	2.705	(0.755)	60799	20.0000	18
	44 Cyclohexane	56	2.766	2.766	(0.772)	75255	20.0000	19
	40 Bromochloromethane	128	2.766	2.766	(0.772)	25090	20.0000	18
	42 Chloroform	83	2.827	2.827	(0.789)	79988	20.0000	19
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	55226	20.0000	18
	39 Ethyl Acetate	70	2.931	2.931	(0.818)	10150	40.0000	44
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	19487	20.0000	23
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	68644	20.0000	18
	46 1,1-Dichloropropene	75	3.059	3.059	(0.854)	69382	20.0000	18
	38 2-Butanone	72	3.053	3.053	(0.852)	7622	20.0000	19
	48 Benzene	78	3.242	3.242	(0.467)	196777	20.0000	18
	51 n-Heptane	57	3.242	3.242	(0.905)	27307	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	122800	50.0000	53
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	137223	20.0000	20
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	59474	20.0000	19
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	535057	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	157208	40.0000	39
	56 Methyl cyclohexane	83	3.711	3.711	(1.036)	77160	20.0000	19
	54 Trichloroethene	95	3.729	3.729	(1.041)	49815	20.0000	19
	58 Dibromomethane	93	4.089	4.089	(1.141)	28810	20.0000	19
	53 n-Butanol	56	4.107	4.107	(1.146)	81586	1500.00	1500
	57 1,2-Dichloropropane	63	4.180	4.180	(1.167)	50688	20.0000	19
	55 Ethyl Acrylate	55	4.260	4.260	(1.189)	57717	20.0000	20
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	61287	20.0000	18
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	13014	20.0000	18
	60 1,4-Dioxane	88	4.479	4.479	(1.250)	3221	150.000	140
	75 Propyl Acetate	43	4.613	4.613	(1.288)	126443	40.0000	40
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	27267	20.0000	21
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	81192	20.0000	18
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	490979	50.0000	53
	66 Toluene	91	5.150	5.150	(0.741)	231798	20.0000	18

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05036.d
Report Date: 03-Jul-2012 20:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	63 Epichlorohydrin	57	5.174	5.174	(0.745)	85637	400.000	400
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	59682	20.0000	19
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	43193	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.644	5.644	(0.812)	71536	20.0000	18
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	36143	20.0000	19
	74 Dibromochloromethane	129	6.009	6.009	(0.865)	48841	20.0000	18
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	75856	20.0000	18
	77 1,2-Dibromoethane	107	6.253	6.253	(0.900)	44405	20.0000	18
	76 Butyl Acetate	73	6.613	6.613	(0.952)	25574	40.0000	39
	73 2-Hexanone	43	6.674	6.674	(0.961)	34804	20.0000	21
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	440956	50.0000	
	79 Chlorobenzene	112	6.966	6.966	(1.003)	155425	20.0000	18
	81 Ethylbenzene	106	7.058	7.058	(1.016)	84837	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	50861	20.0000	18
	82 m+p-Xylene	106	7.271	7.271	(1.046)	231532	40.0000	41
	84 o-Xylene	106	7.856	7.856	(1.131)	110145	20.0000	20
	86 Bromoform	173	7.911	7.911	(1.139)	34904	20.0000	18
	85 Styrene	104	7.942	7.942	(1.143)	178393	20.0000	19
	87 Amyl Acetate	43	8.003	8.003	(0.765)	42297	20.0000	22
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	39216	20.0000	17
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	266763	20.0000	19
	90 Camphene (total)	41	8.460	8.460	(1.218)	13161	20.0000	15
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	208761	50.0000	51
	91 Bromobenzene	156	8.814	8.814	(0.842)	72980	20.0000	18
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	334536	20.0000	19
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	58240	20.0000	19
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	191444	20.0000	19
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	17672	20.0000	19
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	249815	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	9.368	9.368	(0.895)	15696	20.0000	17
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	201104	20.0000	18
	100 tert-Butylbenzene	119	9.789	9.789	(0.935)	193299	20.0000	18
	101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	324366	20.0000	24
	99 Butyl Methacrylate	87	9.923	9.923	(0.948)	80378	20.0000	20
	103 sec-Butylbenzene	105	10.082	10.082	(0.963)	284850	20.0000	19
	105 1,3-Dichlorobenzene	146	10.326	10.326	(0.987)	137305	20.0000	18
	107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	258568	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	276891	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	141030	20.0000	18
	102 2-Octanone	43	10.862	10.862	(1.038)	78017	20.0000	21
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	112481	20.0000	19
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	224728	20.0000	20
	111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	132153	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	10003	20.0000	19
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	90773	20.0000	18
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	36567	20.0000	18
	116 Naphthalene	128	13.264	13.264	(1.267)	186851	20.0000	19

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05036.d
Report Date: 03-Jul-2012 20:57

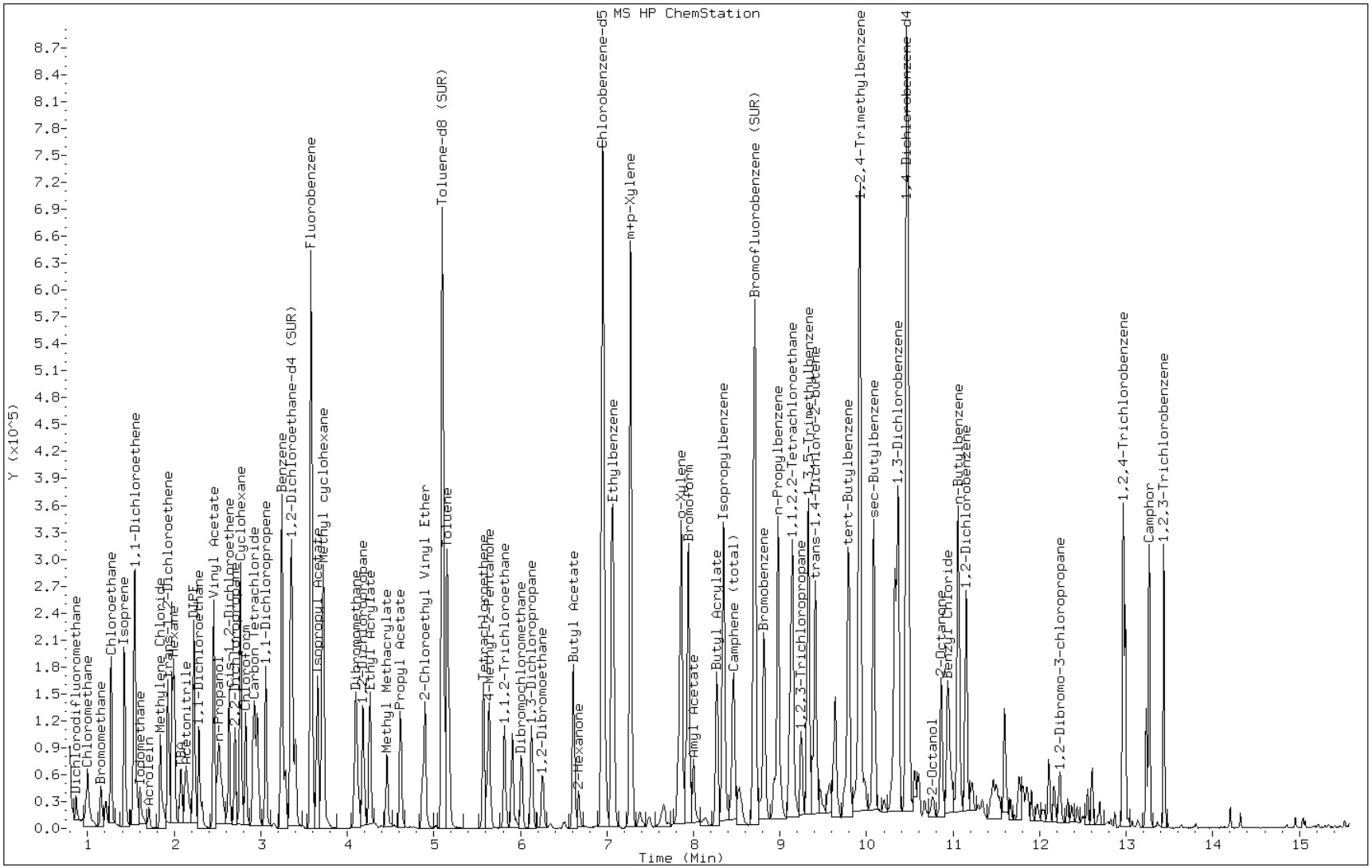
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	76268	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				93261	40.0000	37
M 121 Xylene (Total)	100				341677	60.0000	61

Data File: e05036.d

Date: 03-JUL-2012 20:33

Client ID: Instrument: VOAMS5.i

Sample Info: CCVIS Operator: VOAMS5



Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61386.d
Report Date: 21-Jun-2012 18:34

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61386.d
Lab Smp Id: BFB
Inj Date : 21-JUN-2012 18:14
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

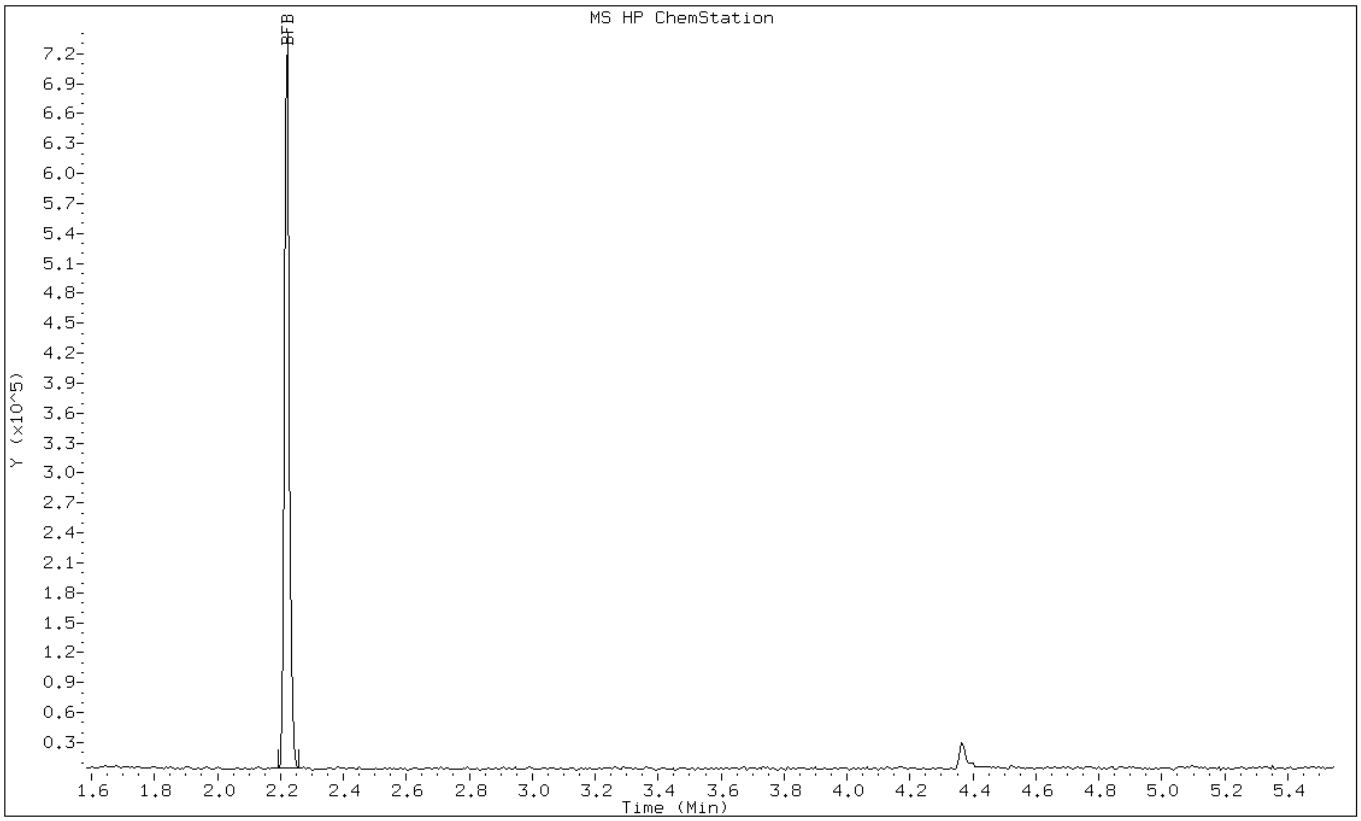
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.222	2.100 (0.000)	95	119773			0.00- 100.00	100.00
2.222	2.100 (0.000)	50	25156			15.00- 40.00	21.00
2.222	2.100 (0.000)	75	60712			30.00- 60.00	50.69
2.222	2.100 (0.000)	96	7281			5.00- 9.00	6.08
2.222	2.100 (0.000)	173	903			0.00- 2.00	1.00
2.222	2.100 (0.000)	174	90328			50.00- 100.00	75.42
2.222	2.100 (0.000)	175	7209			5.00- 9.00	7.98
2.222	2.100 (0.000)	176	88037			95.00- 101.00	97.46
2.222	2.100 (0.000)	177	5746			5.00- 9.00	6.53

Data File: o61386.d

Date: 21-JUN-2012 18:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



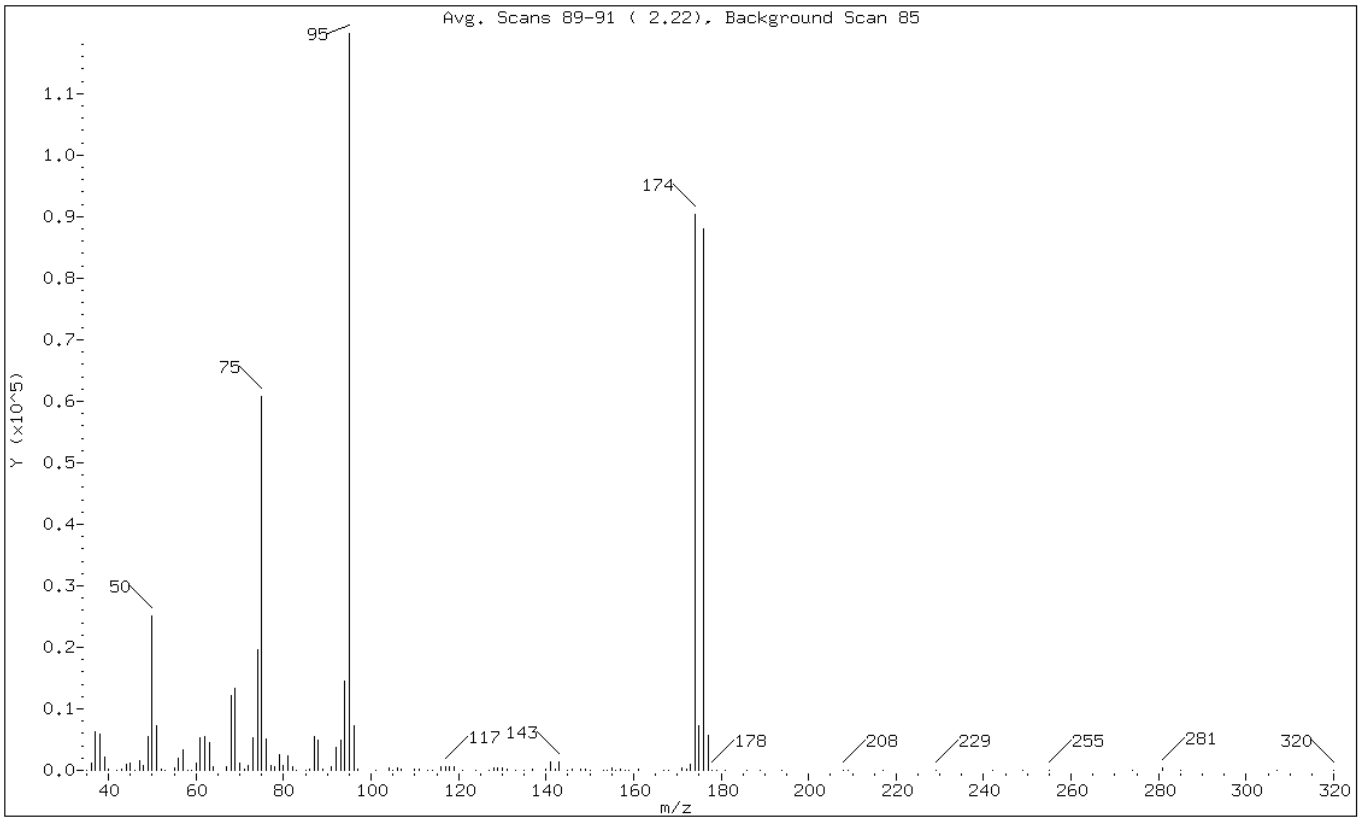
Data File: o61386.d

Date: 21-JUN-2012 18:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.00
75	30.00 - 60.00% of mass 95	50.69
96	5.00 - 9.00% of mass 95	6.08
173	Less than 2.00% of mass 174	0.75 (1.00)
174	50.00 - 100.00% of mass 95	75.42
175	5.00 - 9.00% of mass 174	6.02 (7.98)
176	95.00 - 101.00% of mass 174	73.50 (97.46)
177	5.00 - 9.00% of mass 176	4.80 (6.53)

Data File: o61386.d

Date: 21-JUN-2012 18:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61386.d
Spectrum: Avg. Scans 89-91 (2.22), Background Scan 85
Location of Maximum: 95.00
Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	50	71.00	175	113.00	55	161.00	220
36.00	1138	72.00	699	114.00	73	167.00	77
37.00	6332	73.00	5341	116.00	498	168.00	67
38.00	5876	74.00	19592	117.00	652	171.00	297
39.00	2099	75.00	60712	118.00	508	172.00	253
40.00	114	76.00	5146	119.00	647	173.00	903
42.00	57	77.00	882	121.00	65	174.00	90328
43.00	116	78.00	595	124.00	61	175.00	7209
44.00	913	79.00	2600	127.00	67	176.00	88032
45.00	1134	80.00	824	128.00	345	177.00	5746
46.00	75	81.00	2441	129.00	415	178.00	94
47.00	1481	82.00	574	130.00	428	179.00	77
48.00	770	83.00	51	131.00	221	181.00	59
49.00	5536	85.00	71	133.00	96	186.00	63
50.00	25152	86.00	143	135.00	25	189.00	51
51.00	7255	87.00	5443	137.00	212	194.00	75
52.00	244	88.00	4981	140.00	273	208.00	79
53.00	97	89.00	110	141.00	1278	209.00	50
55.00	456	91.00	555	142.00	150	217.00	58
56.00	1903	92.00	3673	143.00	1346	229.00	60
57.00	3322	93.00	4825	145.00	84	242.00	59
58.00	94	94.00	14450	146.00	130	249.00	50
59.00	92	95.00	119768	148.00	267	255.00	54
60.00	1095	96.00	7281	149.00	198	274.00	53
61.00	5358	97.00	256	150.00	87	281.00	381
62.00	5467	101.00	52	153.00	76	285.00	54
63.00	4537	104.00	387	154.00	71	307.00	51
64.00	530	105.00	9	155.00	359	320.00	56
67.00	498	106.00	452	156.00	93		
68.00	12200	107.00	123	157.00	176		
69.00	13273	110.00	139	158.00	80		
70.00	1136	111.00	134	159.00	61		

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61600.d
Report Date: 27-Jun-2012 17:01

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61600.d
Lab Smp Id: BFB
Inj Date : 27-JUN-2012 16:35
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

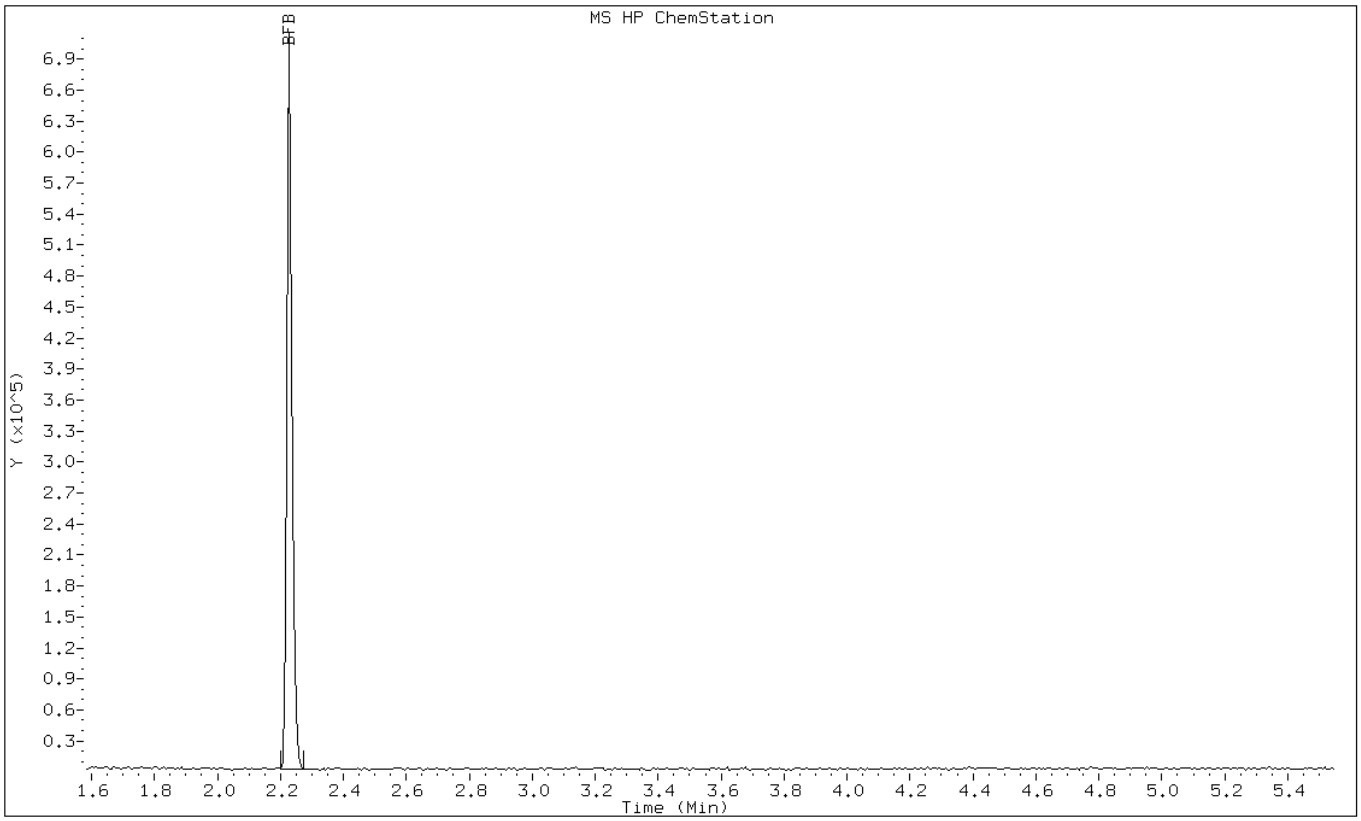
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.229	2.100 (0.000)	95	111688			0.00- 100.00	100.00
2.229	2.100 (0.000)	50	22450			15.00- 40.00	20.10
2.229	2.100 (0.000)	75	58272			30.00- 60.00	52.17
2.229	2.100 (0.000)	96	7913			5.00- 9.00	7.08
2.229	2.100 (0.000)	173	1906			0.00- 2.00	1.97
2.229	2.100 (0.000)	174	96733			50.00- 100.00	86.61
2.229	2.100 (0.000)	175	7301			5.00- 9.00	7.55
2.229	2.100 (0.000)	176	92333			95.00- 101.00	95.45
2.229	2.100 (0.000)	177	5444			5.00- 9.00	5.90

Data File: o61600.d

Date: 27-JUN-2012 16:35

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



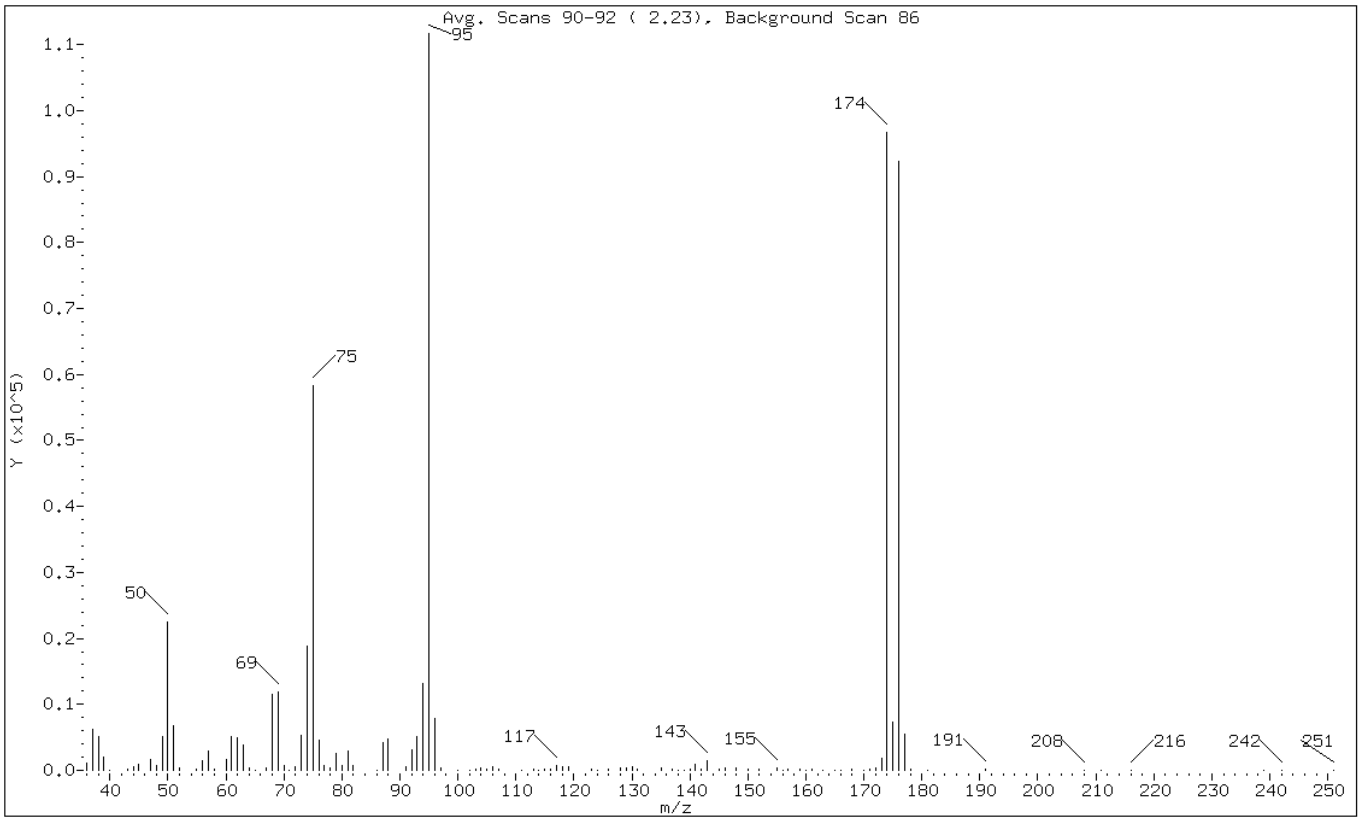
Data File: o61600.d

Date: 27-JUN-2012 16:35

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.10
75	30.00 - 60.00% of mass 95	52.17
96	5.00 - 9.00% of mass 95	7.08
173	Less than 2.00% of mass 174	1.71 (1.97)
174	50.00 - 100.00% of mass 95	86.61
175	5.00 - 9.00% of mass 174	6.54 (7.55)
176	95.00 - 101.00% of mass 174	82.67 (95.45)
177	5.00 - 9.00% of mass 176	4.87 (5.90)

Data File: o61600.d

Date: 27-JUN-2012 16:35

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61600.d
Spectrum: Avg. Scans 90-92 (2.23), Background Scan 86
Location of Maximum: 95.00
Number of points: 112

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1146	72.00	548	113.00	100	157.00	143
37.00	6188	73.00	5230	114.00	50	159.00	127
38.00	5133	74.00	18872	115.00	265	160.00	66
39.00	2058	75.00	58272	116.00	187	161.00	112
40.00	15	76.00	4656	117.00	692	163.00	73
43.00	159	77.00	646	118.00	576	165.00	84
44.00	610	78.00	295	119.00	623	166.00	56
45.00	867	79.00	2637	123.00	155	168.00	132
47.00	1714	80.00	807	124.00	53	170.00	86
48.00	821	81.00	2966	126.00	130	171.00	239
49.00	5043	82.00	641	128.00	413	172.00	423
50.00	22448	86.00	79	129.00	279	173.00	1906
51.00	6674	87.00	4187	130.00	485	174.00	96728
52.00	366	88.00	4675	131.00	258	175.00	7301
55.00	217	91.00	551	135.00	362	176.00	92328
56.00	1468	92.00	3040	137.00	172	177.00	5444
57.00	2848	93.00	5035	138.00	56	178.00	109
58.00	114	94.00	13217	139.00	53	181.00	52
60.00	1556	95.00	111688	140.00	105	191.00	94
61.00	5160	96.00	7913	141.00	995	208.00	64
62.00	4927	97.00	372	142.00	145	211.00	54
63.00	3756	100.00	50	143.00	1433	216.00	56
64.00	321	102.00	73	145.00	146	239.00	54
65.00	65	103.00	153	146.00	277	242.00	65
67.00	346	104.00	435	148.00	276	251.00	69
68.00	11439	105.00	214	150.00	155		
69.00	11837	106.00	459	152.00	120		
70.00	769	107.00	213	155.00	380		
71.00	71	111.00	62	156.00	88		

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61778.d
Report Date: 02-Jul-2012 04:48

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61778.d
Lab Smp Id: BFB
Inj Date : 02-JUL-2012 04:31
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

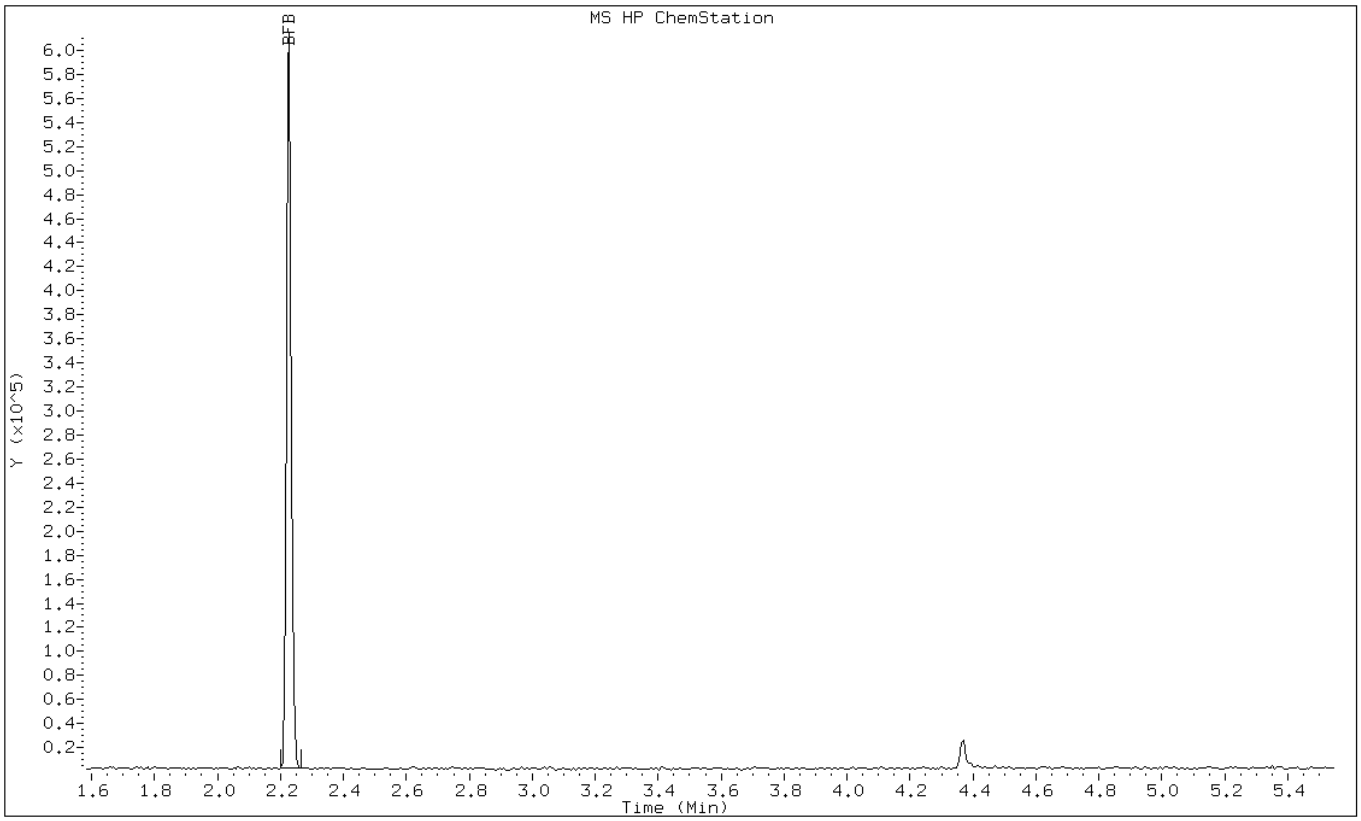
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.229	2.100 (0.000)	95	94808			0.00- 100.00	100.00
2.229	2.100 (0.000)	50	17536			15.00- 40.00	18.50
2.229	2.100 (0.000)	75	46640			30.00- 60.00	49.19
2.229	2.100 (0.000)	96	6455			5.00- 9.00	6.81
2.229	2.100 (0.000)	173	1365			0.00- 2.00	1.56
2.229	2.100 (0.000)	174	87624			50.00- 100.00	92.42
2.229	2.100 (0.000)	175	7154			5.00- 9.00	8.16
2.229	2.100 (0.000)	176	85264			95.00- 101.00	97.31
2.229	2.100 (0.000)	177	5864			5.00- 9.00	6.88

Data File: o61778.d

Date: 02-JUL-2012 04:31

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



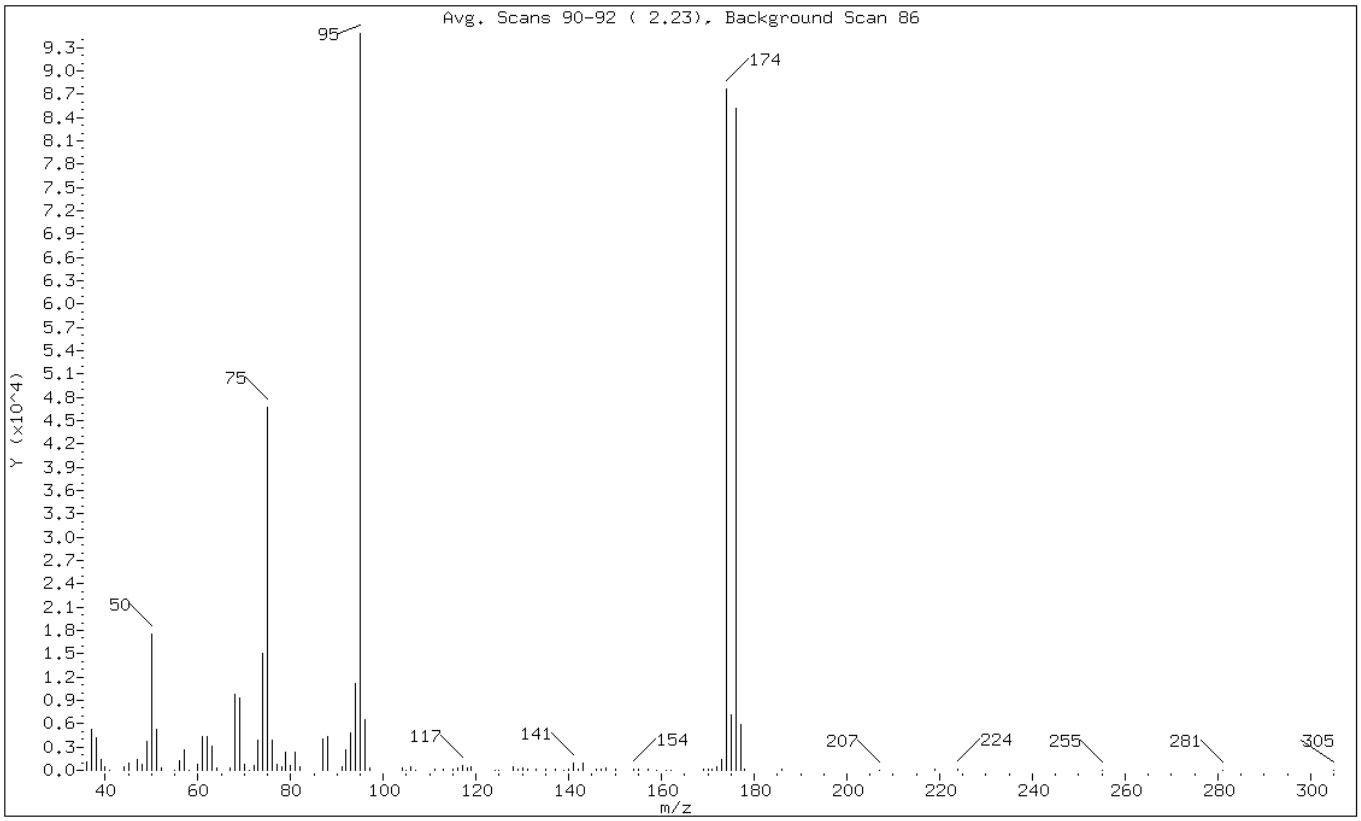
Data File: o61778.d

Date: 02-JUL-2012 04:31

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.50
75	30.00 - 60.00% of mass 95	49.19
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	1.44 (1.56)
174	50.00 - 100.00% of mass 95	92.42
175	5.00 - 9.00% of mass 174	7.55 (8.16)
176	95.00 - 101.00% of mass 174	89.93 (97.31)
177	5.00 - 9.00% of mass 176	6.19 (6.88)

Data File: o61778.d

Date: 02-JUL-2012 04:31

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61778.d
Spectrum: Avg. Scans 90-92 (2.23), Background Scan 86
Location of Maximum: 95.00
Number of points: 100

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1054	70.00	729	111.00	145	155.00	88
37.00	5276	71.00	70	113.00	134	157.00	130
38.00	4150	72.00	660	115.00	215	159.00	61
39.00	1371	73.00	3929	116.00	272	161.00	58
40.00	390	74.00	15091	117.00	661	162.00	60
41.00	50	75.00	46640	118.00	252	169.00	119
44.00	490	76.00	3922	119.00	475	170.00	123
45.00	908	77.00	790	124.00	51	171.00	153
47.00	1424	78.00	433	125.00	61	172.00	455
48.00	754	79.00	2377	128.00	402	173.00	1365
49.00	3764	80.00	592	129.00	222	174.00	87624
50.00	17536	81.00	2358	130.00	376	175.00	7154
51.00	5256	82.00	515	131.00	79	176.00	85264
52.00	357	87.00	4080	133.00	101	177.00	5864
55.00	72	88.00	4387	135.00	200	178.00	154
56.00	1188	91.00	449	137.00	194	186.00	132
57.00	2574	92.00	2699	139.00	50	207.00	56
58.00	52	93.00	4796	140.00	87	219.00	96
60.00	839	94.00	11177	141.00	962	224.00	132
61.00	4351	95.00	94808	142.00	112	255.00	76
62.00	4333	96.00	6455	143.00	955	281.00	64
63.00	3044	97.00	253	146.00	131	305.00	55
64.00	333	104.00	303	147.00	79		
67.00	240	105.00	53	148.00	274		
68.00	9769	106.00	434	150.00	182		
69.00	9295	107.00	74	154.00	191		

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61806.d
Report Date: 02-Jul-2012 17:24

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61806.d
Lab Smp Id: BFB
Inj Date : 02-JUL-2012 17:03
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	92944			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	18472			15.00- 40.00	19.87
2.201	2.100 (0.000)	75	46976			30.00- 60.00	50.54
2.201	2.100 (0.000)	96	6991			5.00- 9.00	7.52
2.201	2.100 (0.000)	173	652			0.00- 2.00	0.82
2.201	2.100 (0.000)	174	79896			50.00- 100.00	85.96
2.201	2.100 (0.000)	175	6309			5.00- 9.00	7.90
2.201	2.100 (0.000)	176	76376			95.00- 101.00	95.59
2.201	2.100 (0.000)	177	5522			5.00- 9.00	7.23

Data File: o61806.d

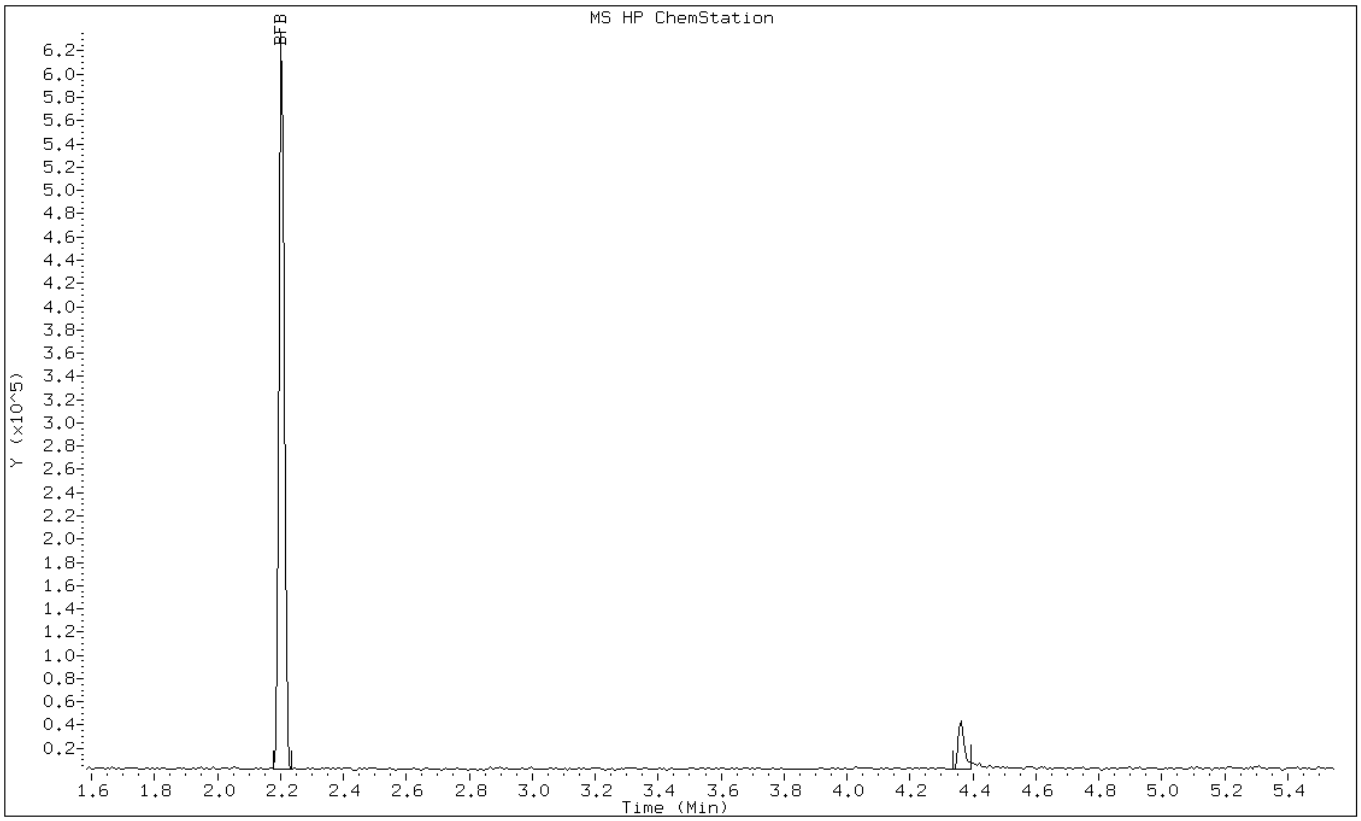
Date: 02-JUL-2012 17:03

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



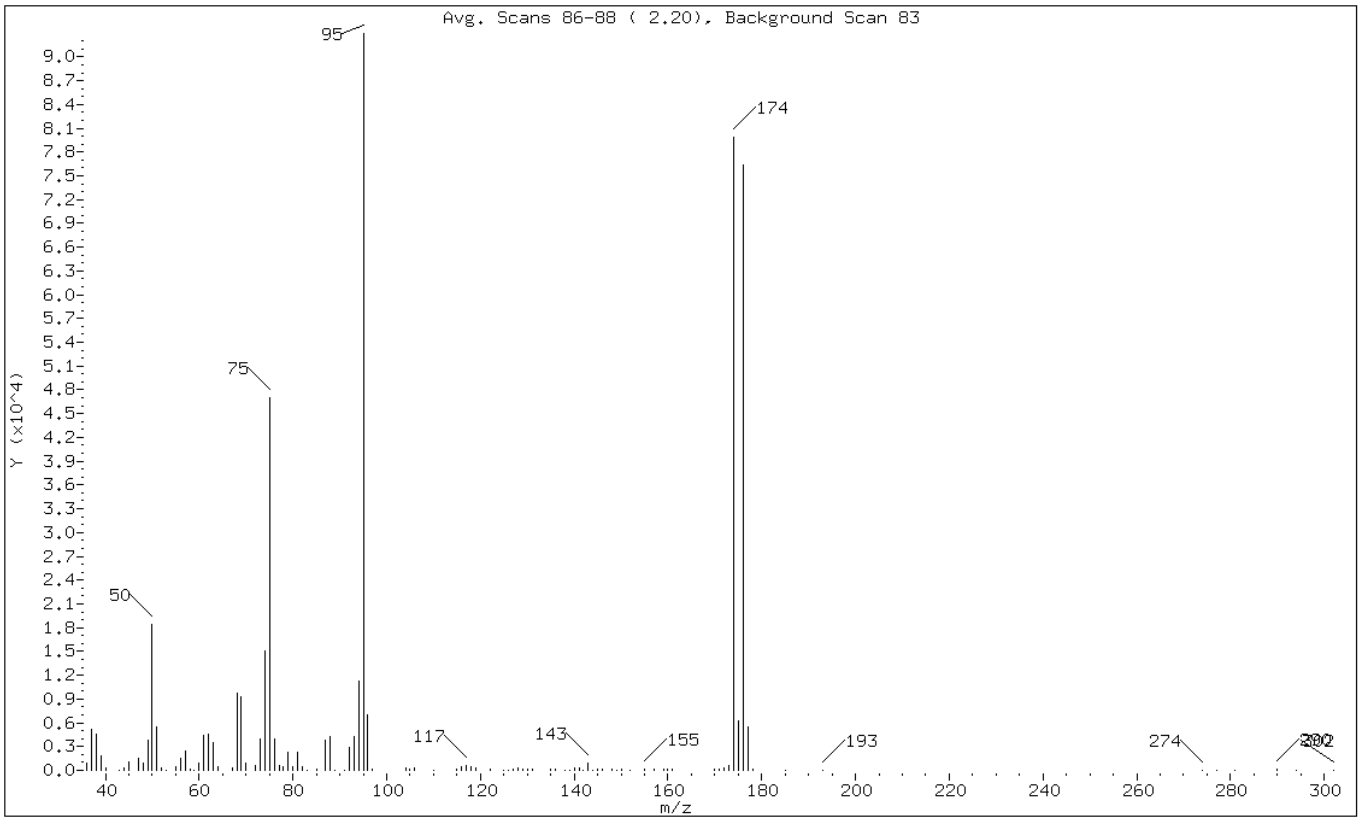
Data File: o61806.d

Date: 02-JUL-2012 17:03

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.87
75	30.00 - 60.00% of mass 95	50.54
96	5.00 - 9.00% of mass 95	7.52
173	Less than 2.00% of mass 174	0.70 (0.82)
174	50.00 - 100.00% of mass 95	85.96
175	5.00 - 9.00% of mass 174	6.79 (7.90)
176	95.00 - 101.00% of mass 174	82.17 (95.59)
177	5.00 - 9.00% of mass 176	5.94 (7.23)

Data File: o61806.d

Date: 02-JUL-2012 17:03

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61806.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	844	69.00	9297	106.00	349	149.00	66
37.00	5181	70.00	853	110.00	71	150.00	138
38.00	4536	72.00	560	115.00	112	152.00	55
39.00	1806	73.00	3988	116.00	504	155.00	224
40.00	259	74.00	15089	117.00	547	157.00	207
43.00	54	75.00	46976	118.00	523	159.00	139
44.00	370	76.00	4015	119.00	255	160.00	90
45.00	1047	77.00	633	122.00	90	161.00	86
47.00	1594	78.00	441	125.00	62	170.00	133
48.00	847	79.00	2273	126.00	50	171.00	142
49.00	3867	80.00	474	127.00	100	172.00	352
50.00	18472	81.00	2355	128.00	244	173.00	652
51.00	5428	82.00	442	129.00	216	174.00	79896
52.00	272	83.00	59	130.00	193	175.00	6309
53.00	64	85.00	156	131.00	192	176.00	76376
55.00	390	87.00	3873	135.00	133	177.00	5522
56.00	1550	88.00	4274	136.00	143	178.00	152
57.00	2493	89.00	50	138.00	53	185.00	69
58.00	177	91.00	14	139.00	62	193.00	66
59.00	69	92.00	2939	140.00	324	274.00	57
60.00	853	93.00	4281	141.00	328	277.00	56
61.00	4462	94.00	11292	142.00	52	281.00	60
62.00	4491	95.00	92944	143.00	839	290.00	125
63.00	3459	96.00	6991	144.00	51	294.00	51
64.00	510	97.00	228	145.00	114	302.00	50
67.00	356	104.00	356	146.00	133		
68.00	9718	105.00	149	148.00	190		

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05007.d
Report Date: 03-Jul-2012 09:16

TestAmerica

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05007.d
Lab Smp Id: BFB
Inj Date : 03-JUL-2012 09:11
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

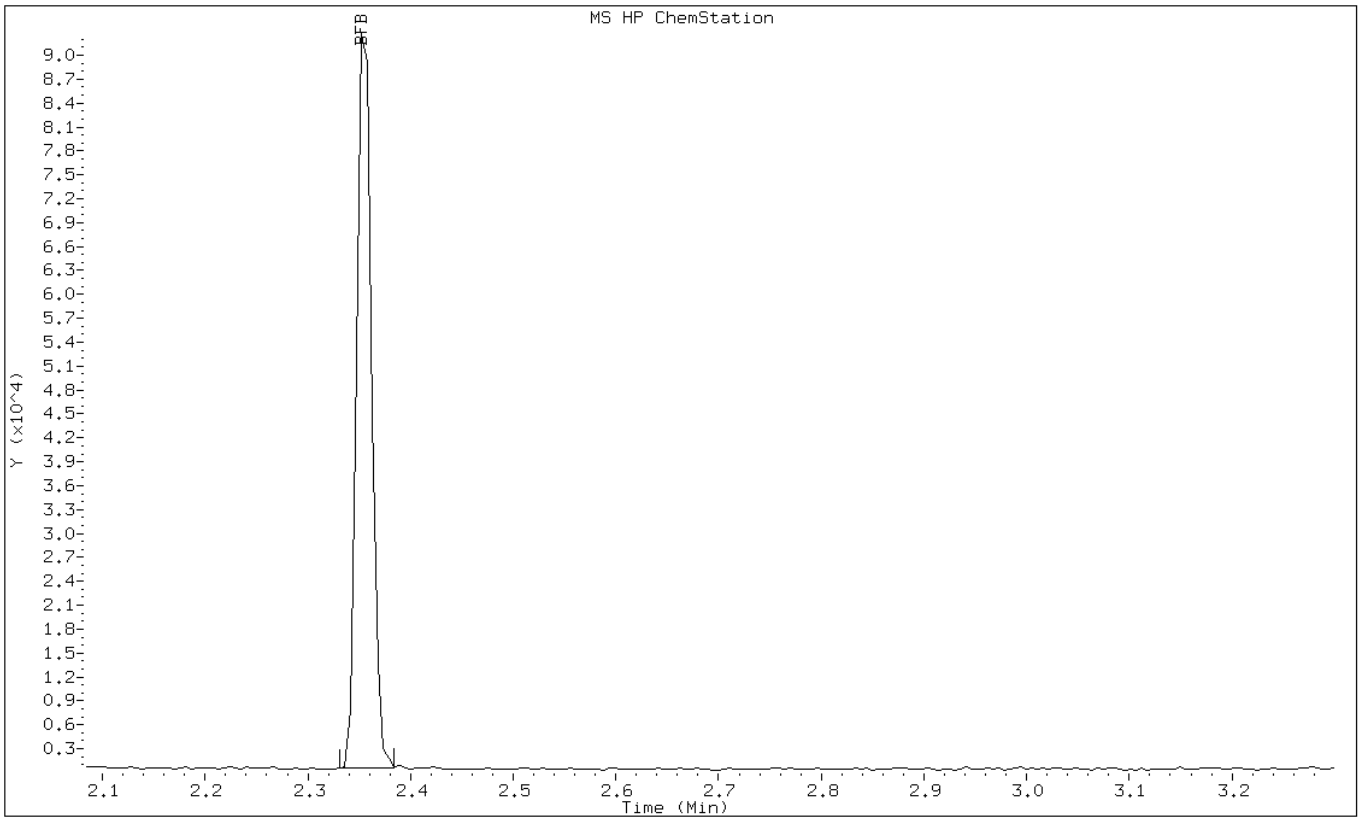
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.352	2.300 (0.000)	95	20008			0.00- 100.00	100.00
2.352	2.300 (0.000)	50	3384			15.00- 40.00	16.91
2.352	2.300 (0.000)	75	9097			30.00- 60.00	45.47
2.352	2.300 (0.000)	96	1180			5.00- 9.00	5.90
2.352	2.300 (0.000)	173	0			0.00- 2.00	0.00
2.352	2.300 (0.000)	174	16161			50.00- 100.00	80.77
2.352	2.300 (0.000)	175	1296			5.00- 9.00	8.02
2.352	2.300 (0.000)	176	16242			95.00- 101.00	100.50
2.352	2.300 (0.000)	177	984			5.00- 9.00	6.06

Data File: e05007.d

Date: 03-JUL-2012 09:11

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



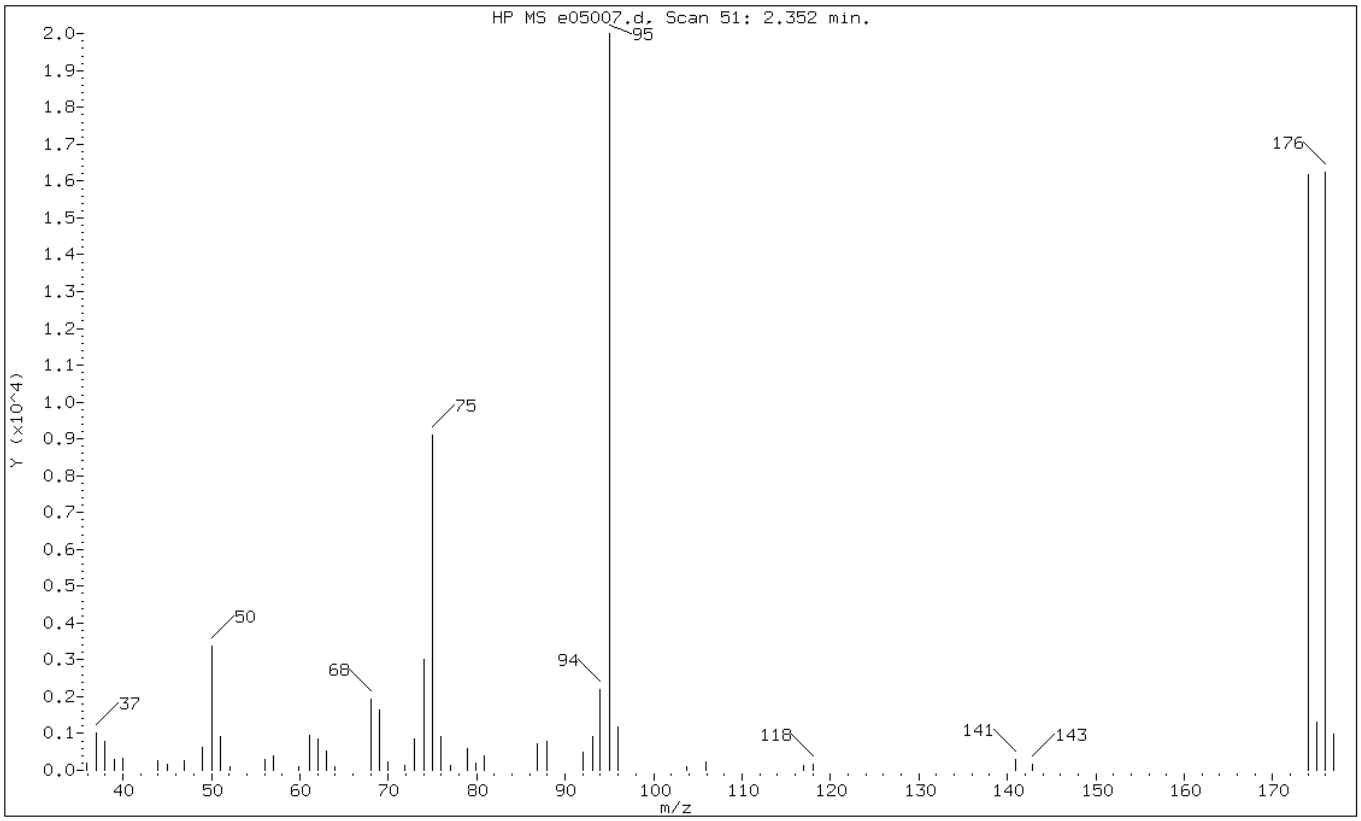
Data File: e05007.d

Date: 03-JUL-2012 09:11

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.91
75	30.00 - 60.00% of mass 95	45.47
96	5.00 - 9.00% of mass 95	5.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	80.77
175	5.00 - 9.00% of mass 174	6.48 (8.02)
176	95.00 - 101.00% of mass 174	81.18 (100.50)
177	5.00 - 9.00% of mass 176	4.92 (6.06)

Data File: e05007.d

Date: 03-JUL-2012 09:11

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12.b/e05007.d
Spectrum: HP MS e05007.d, Scan 51: 2.352 min.
Location of Maximum: 95.00
Number of points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	183	57.00	378	76.00	913	105.90	219
37.00	999	59.90	113	77.10	142	116.90	129
38.00	790	61.10	959	78.90	583	118.00	170
39.00	283	62.00	846	79.90	184	140.90	283
40.00	342	63.00	521	80.90	386	142.80	177
44.00	252	63.90	107	86.90	706	174.00	16161
45.00	173	68.00	1922	87.90	786	175.00	1296
47.00	277	69.00	1647	92.00	486	175.90	16242
49.00	637	70.00	218	93.10	930	176.90	984
50.00	3384	71.90	139	94.00	2205		
51.00	909	73.00	848	95.00	20008		
52.10	100	74.10	3012	96.00	1180		
56.00	292	75.00	9097	103.80	102		

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05035.d
Report Date: 03-Jul-2012 20:18

TestAmerica

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05035.d
Lab Smp Id: BFB
Inj Date : 03-JUL-2012 20:07
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

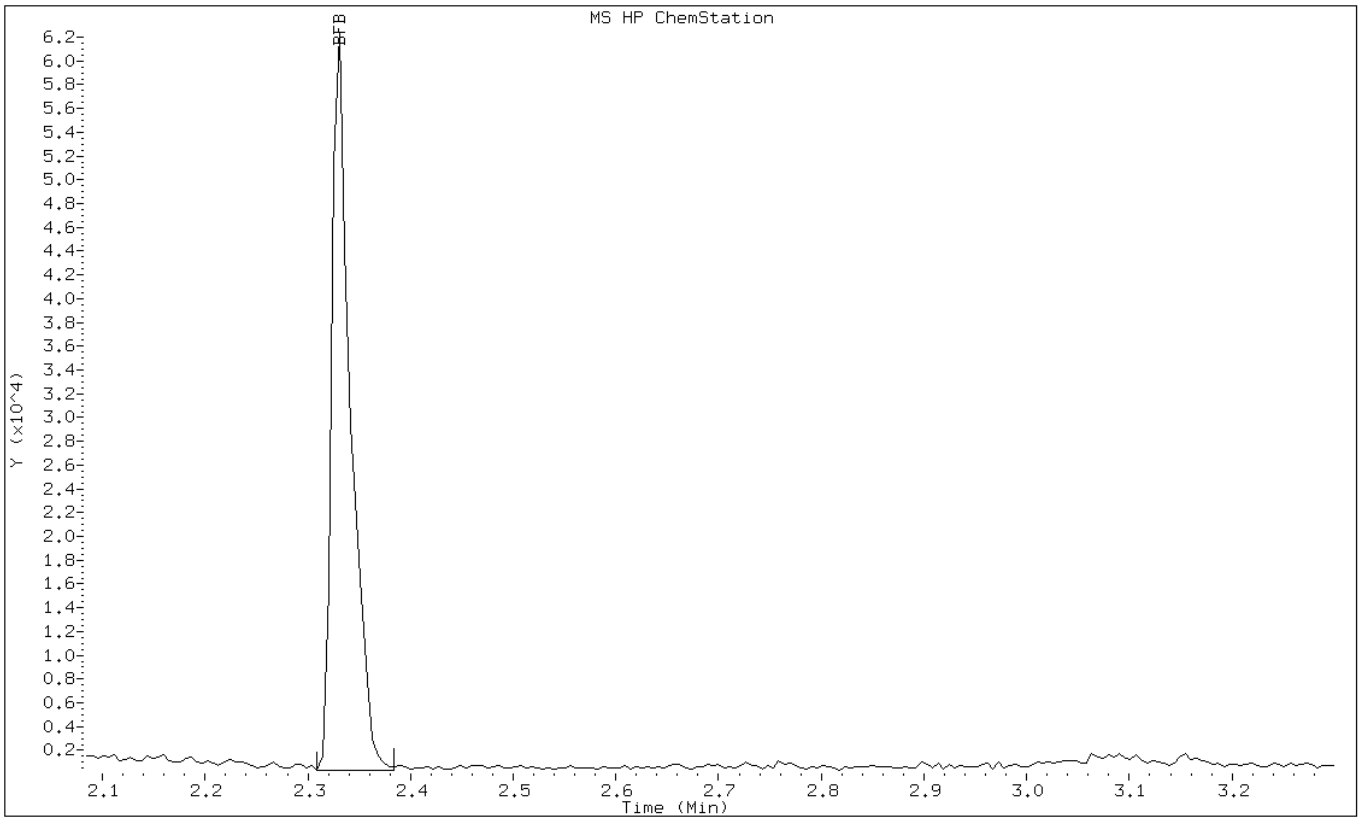
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.331	2.300 (0.000)	95	10968			0.00- 100.00	100.00
2.331	2.300 (0.000)	50	1822			15.00- 40.00	16.61
2.331	2.300 (0.000)	75	5004			30.00- 60.00	45.62
2.331	2.300 (0.000)	96	778			5.00- 9.00	7.09
2.331	2.300 (0.000)	173	136			0.00- 2.00	1.39
2.331	2.300 (0.000)	174	9792			50.00- 100.00	89.28
2.331	2.300 (0.000)	175	826			5.00- 9.00	8.44
2.331	2.300 (0.000)	176	9498			95.00- 101.00	97.00
2.331	2.300 (0.000)	177	694			5.00- 9.00	7.31

Data File: e05035.d

Date: 03-JUL-2012 20:07

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



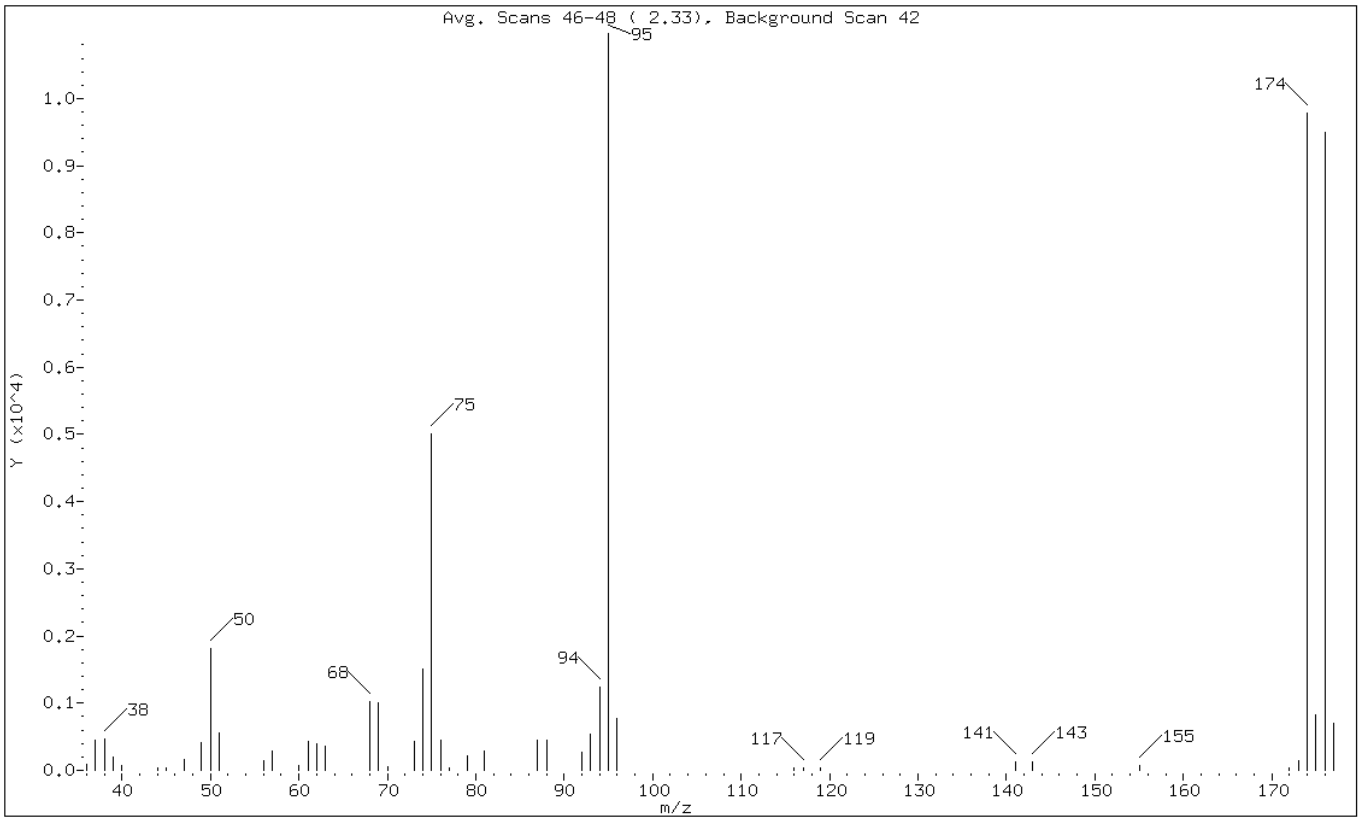
Data File: e05035.d

Date: 03-JUL-2012 20:07

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.61
75	30.00 - 60.00% of mass 95	45.62
96	5.00 - 9.00% of mass 95	7.09
173	Less than 2.00% of mass 174	1.24 (1.39)
174	50.00 - 100.00% of mass 95	89.28
175	5.00 - 9.00% of mass 174	7.53 (8.44)
176	95.00 - 101.00% of mass 174	86.60 (97.00)
177	5.00 - 9.00% of mass 176	6.33 (7.31)

Data File: e05035.d

Date: 03-JUL-2012 20:07

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05035.d
Spectrum: Avg. Scans 46-48 (2.33), Background Scan 42
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	91	57.00	286	77.00	39	119.00	37
37.00	451	60.00	69	79.00	221	141.00	119
38.00	462	61.00	427	81.00	282	143.00	117
39.00	197	62.00	398	87.00	448	155.00	75
40.00	69	63.00	359	88.00	444	172.00	35
44.00	38	68.00	1015	92.00	271	173.00	136
45.00	35	69.00	1011	93.00	537	174.00	9792
47.00	167	70.00	50	94.00	1235	175.00	826
49.00	419	73.00	425	95.00	10968	176.00	9498
50.00	1822	74.00	1515	96.00	778	177.00	694
51.00	563	75.00	5004	116.00	34		
56.00	142	76.00	440	117.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-117746/5

Matrix: Solid Lab File ID: o61605.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/27/2012 18:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117746 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	0.63	U	10	0.63
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
67-64-1	Acetone	1.7	U	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-117746/5

Matrix: Solid | Lab File ID: o61605.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/27/2012 18:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	0.644	J	1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-117746/5

Matrix: Solid Lab File ID: o61605.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/27/2012 18:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61605.d
Report Date: 27-Jun-2012 19:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61605.d
Lab Smp Id: MB
Inj Date : 27-JUN-2012 18:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/8260L_10.m
Meth Date : 27-Jun-2012 17:55 ken Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	3230	0.64377	0.64(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	235486	59.8264	60
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	795766	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.740)	660242	49.1065	49
*	32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	610441	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	244049	50.2414	50
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	357280	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o61605.d

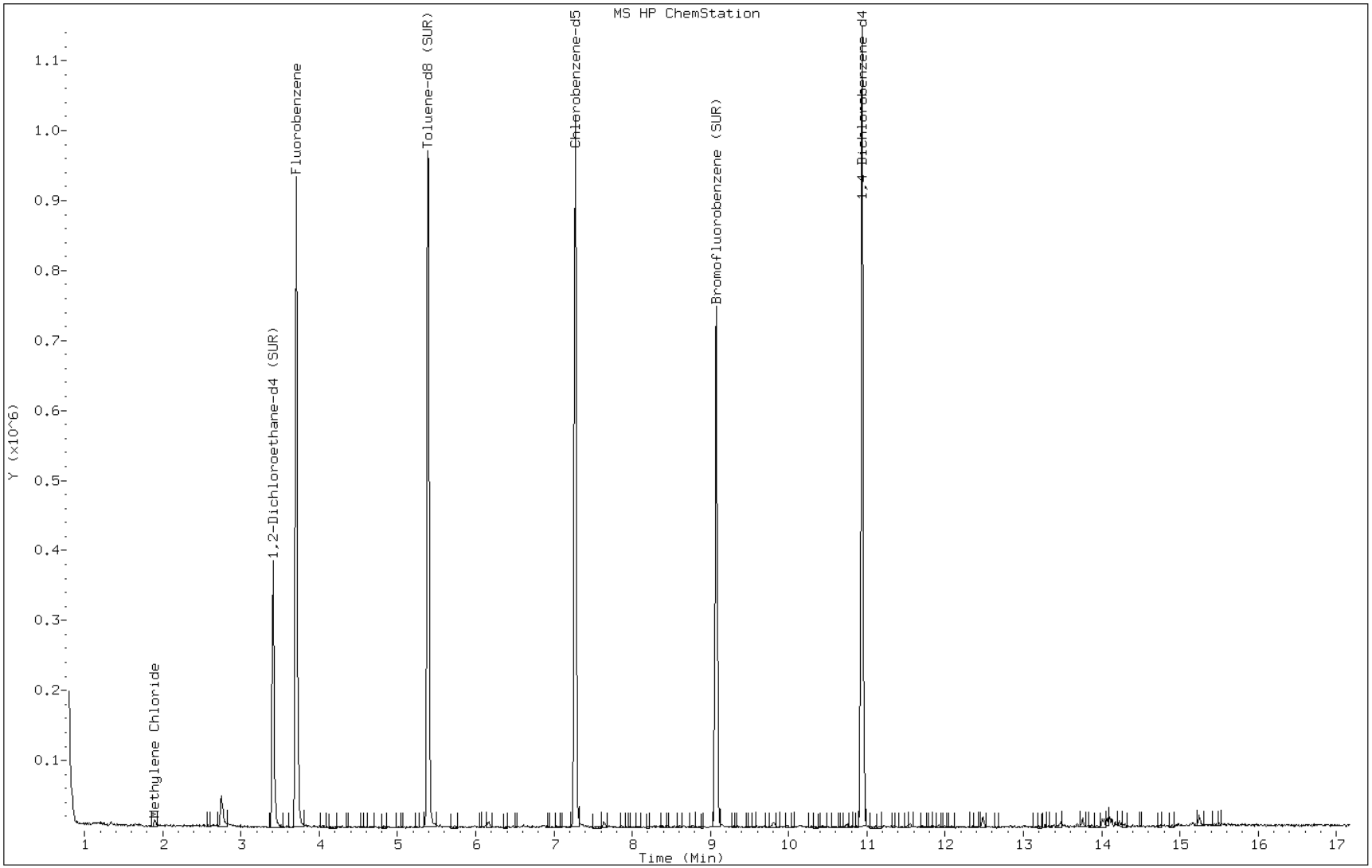
Date: 27-JUN-2012 18:48

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



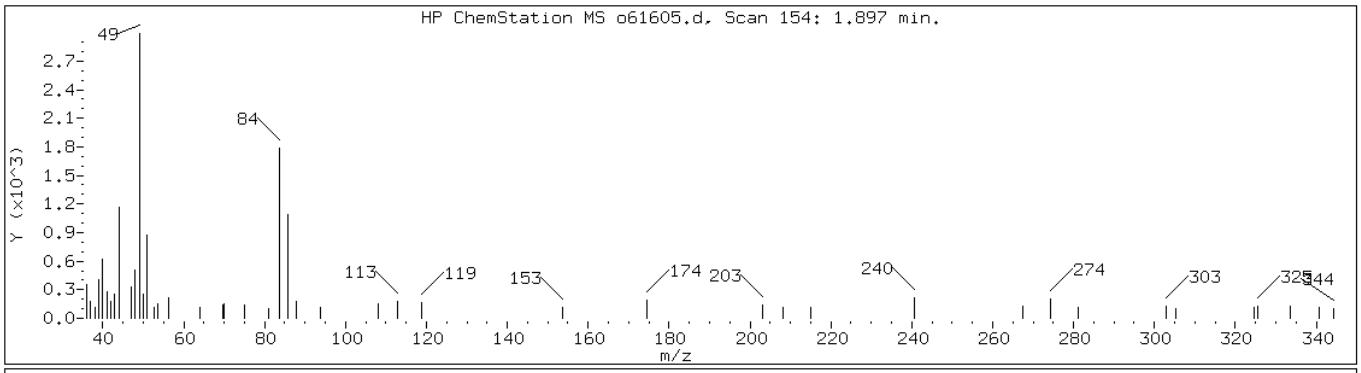
Data File: o61605.d

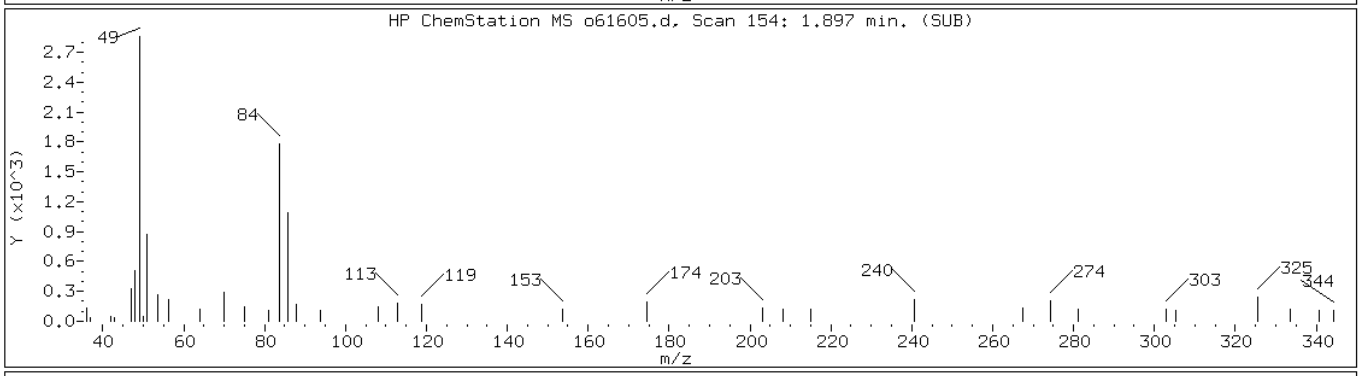
Date: 27-JUN-2012 18:48

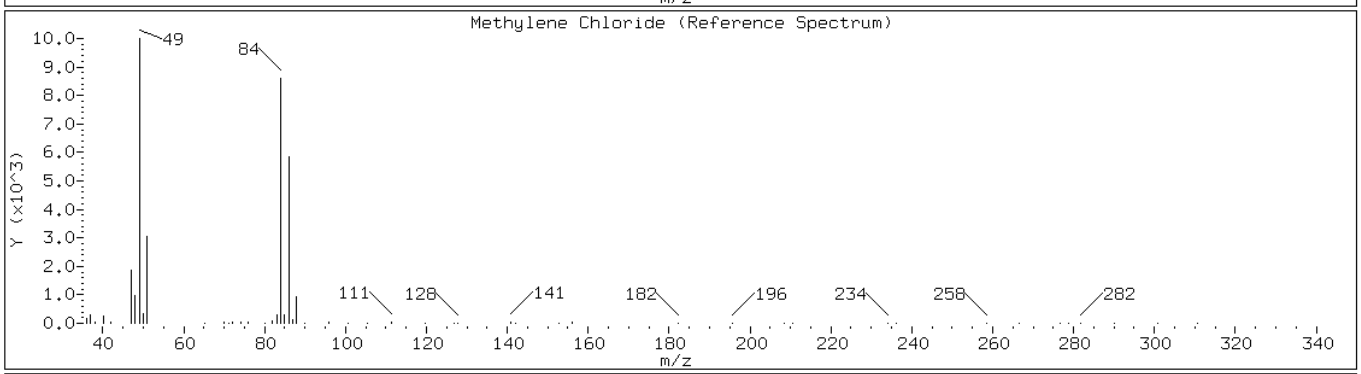
Client ID: Instrument: VOAMS12.i

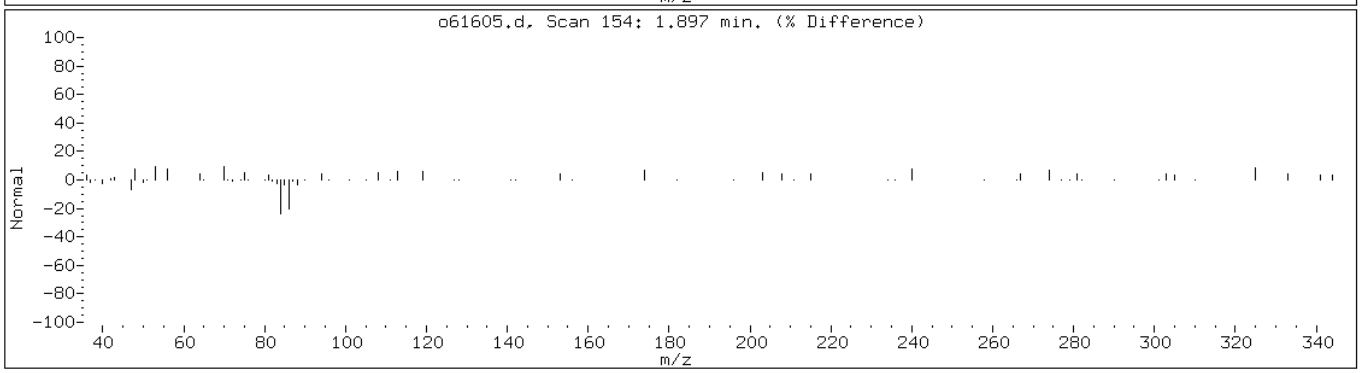
Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118221/5

Matrix: Solid Lab File ID: o61784.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 07:51

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.: 118221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	0.63	U	10	0.63
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
67-64-1	Acetone	4.80	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118221/5

Matrix: Solid Lab File ID: o61784.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 07:51

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.: 118221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	0.959	J	1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118221/5

Matrix: Solid Lab File ID: o61784.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 07:51

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.: 118221 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61784.d
Report Date: 12-Jul-2012 10:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61784.d
Lab Smp Id: MB
Inj Date : 02-JUL-2012 07:51
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 12-Jul-2012 10:21 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:56 Cal File: o61390.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.449)	5744	4.80441	4.8(a)
	6 Methylene Chloride	84	1.904	1.897	(0.514)	4226	0.95875	0.96(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	185970	53.7803	54
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	699090	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	609207	47.2135	47
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	585840	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	239547	49.5603	50
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	355509	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o61784.d

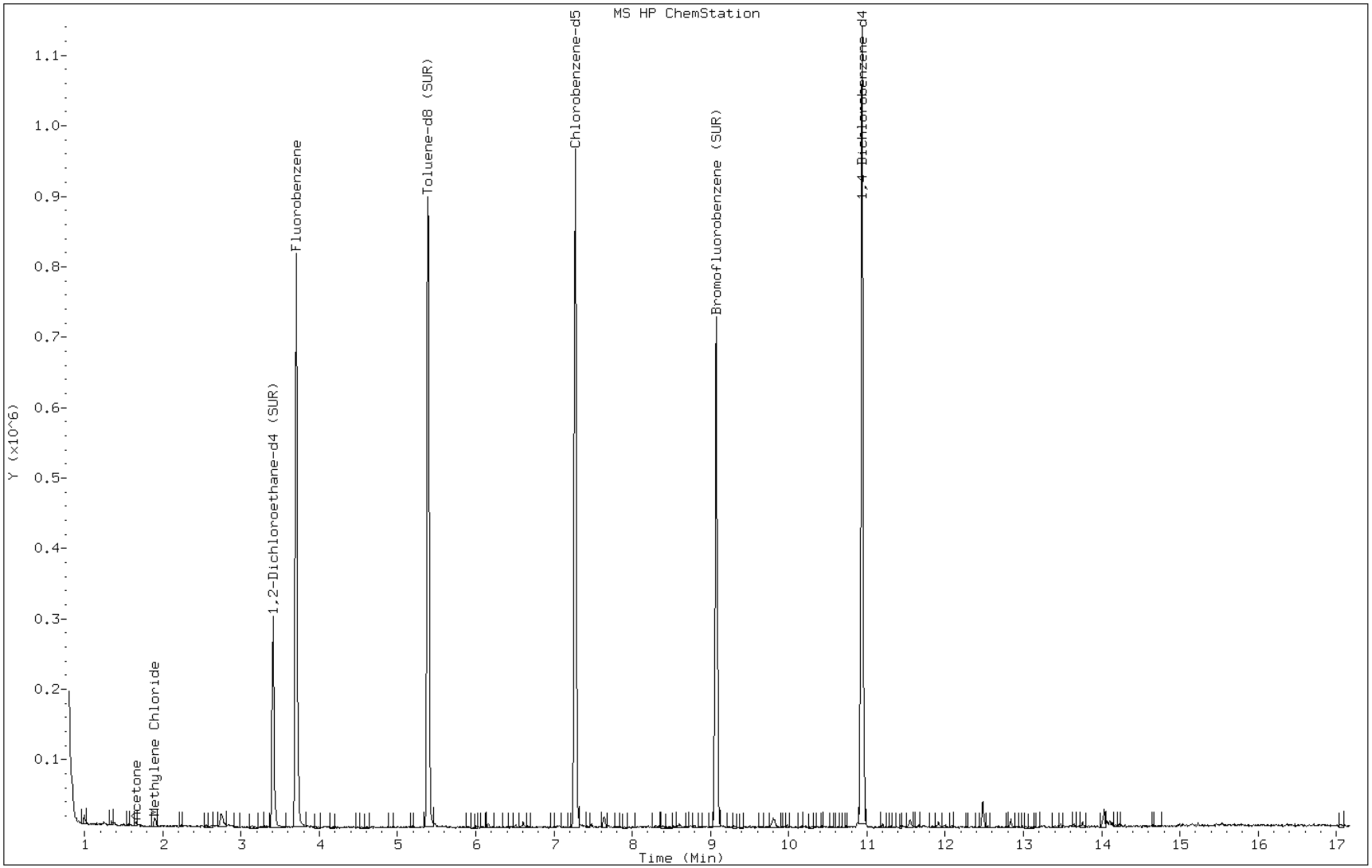
Date: 02-JUL-2012 07:51

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



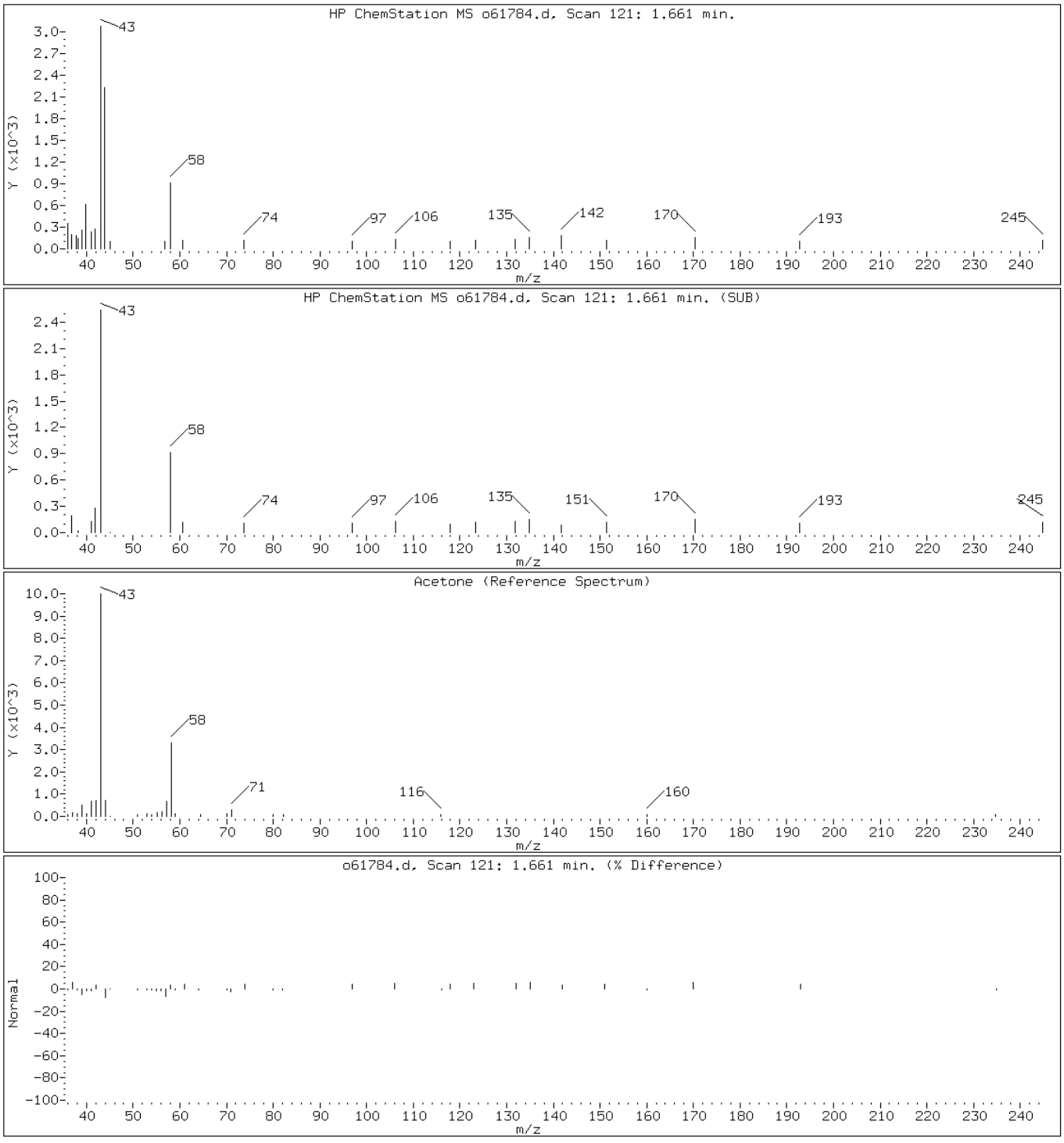
Data File: o61784.d

Date: 02-JUL-2012 07:51

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



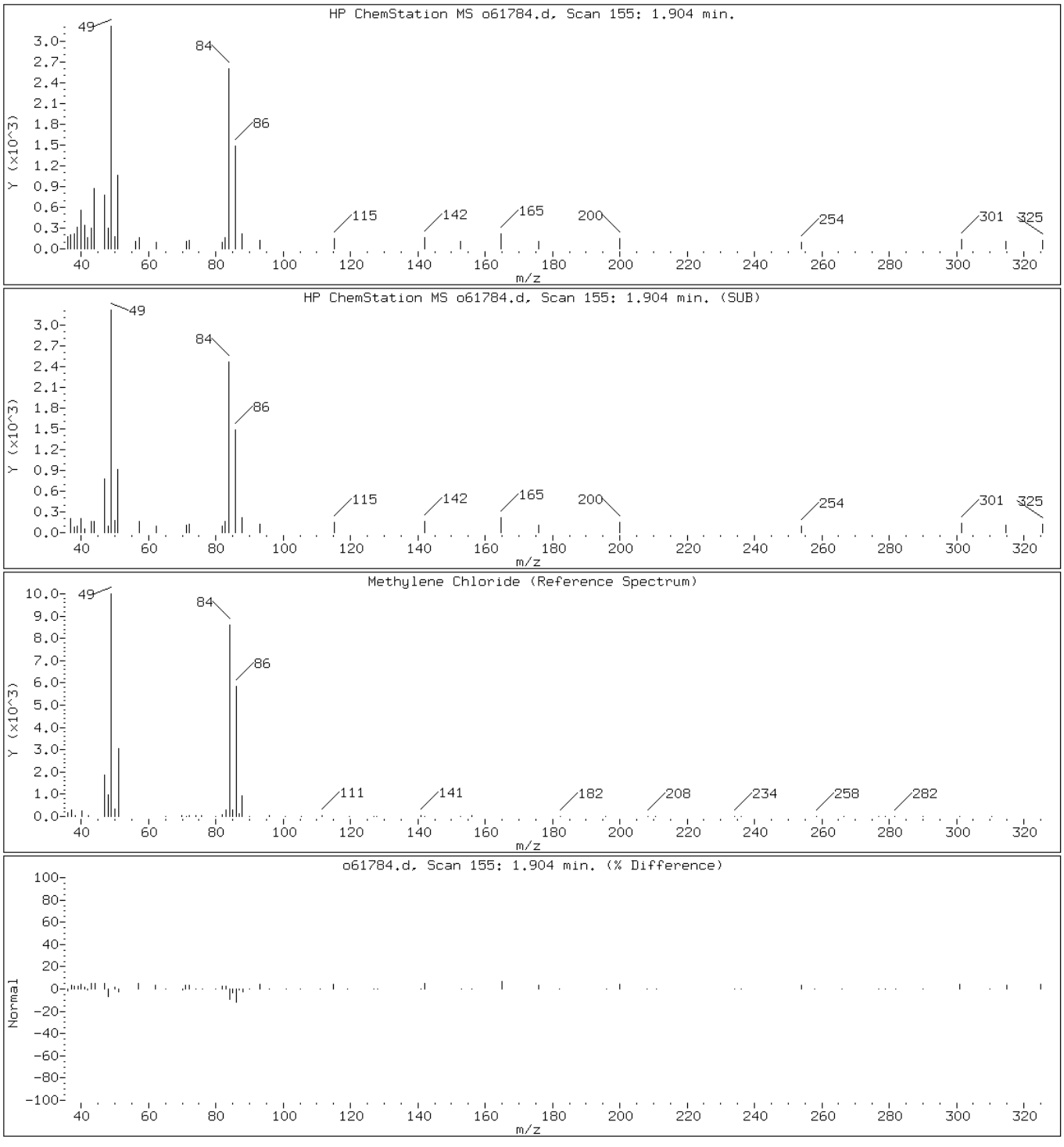
Data File: o61784.d

Date: 02-JUL-2012 07:51

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118368/5

Matrix: Solid Lab File ID: o61812.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 19:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	0.63	U	10	0.63
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
67-64-1	Acetone	4.32	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118368/5

Matrix: Solid | Lab File ID: o61812.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 19:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	1.35		1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118368/5

Matrix: Solid Lab File ID: o61812.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 19:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118368 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61812.d
Report Date: 03-Jul-2012 13:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61812.d
Lab Smp Id: MB
Inj Date : 02-JUL-2012 19:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	5129	4.32006	4.3(aH)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	5898	1.34745	1.3
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	181685	52.9092	53
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	694227	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	599187	47.5970	48
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	571561	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	236614	49.2431	49
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	353418	50.0000	

QC Flag Legend

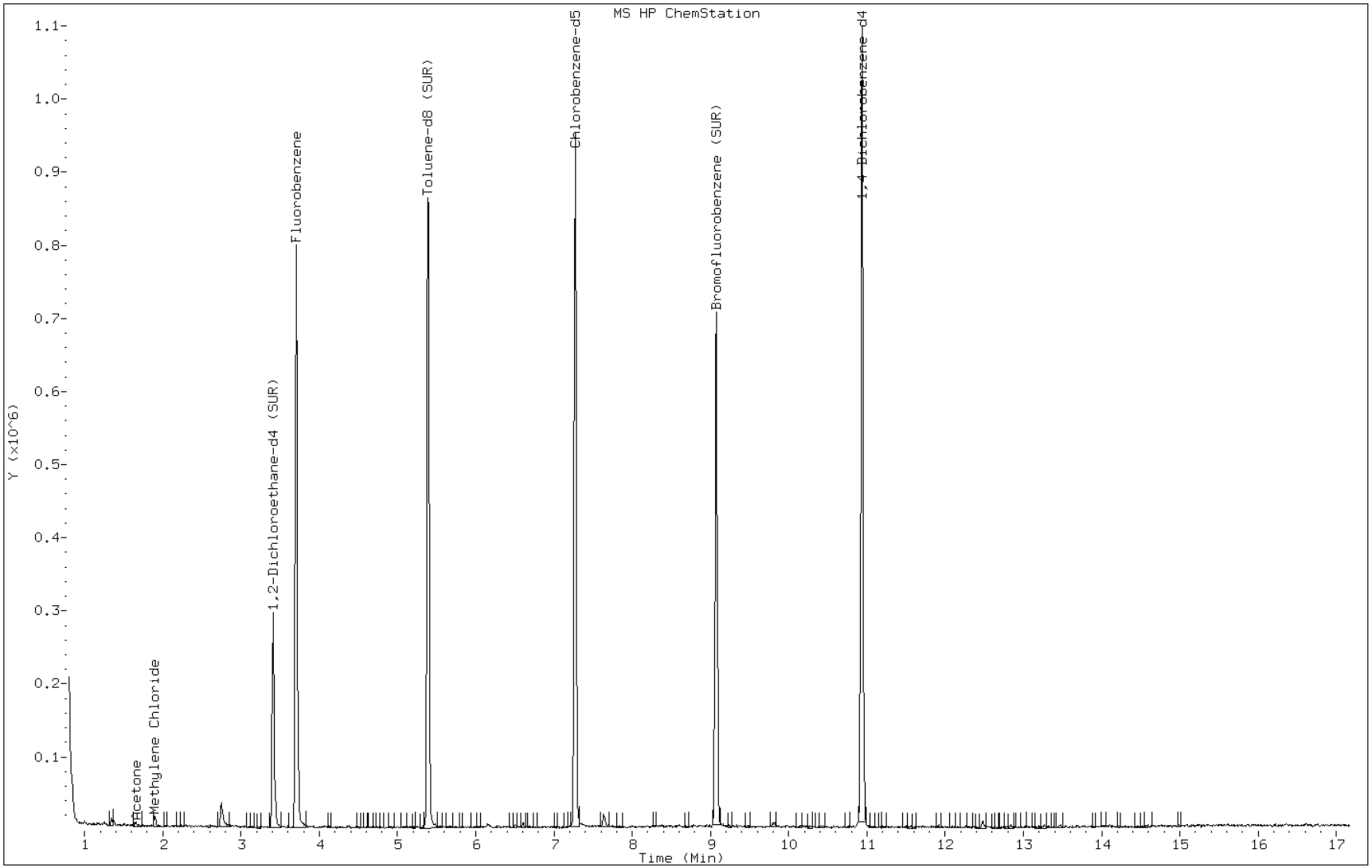
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o61812.d

Date: 02-JUL-2012 19:52

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



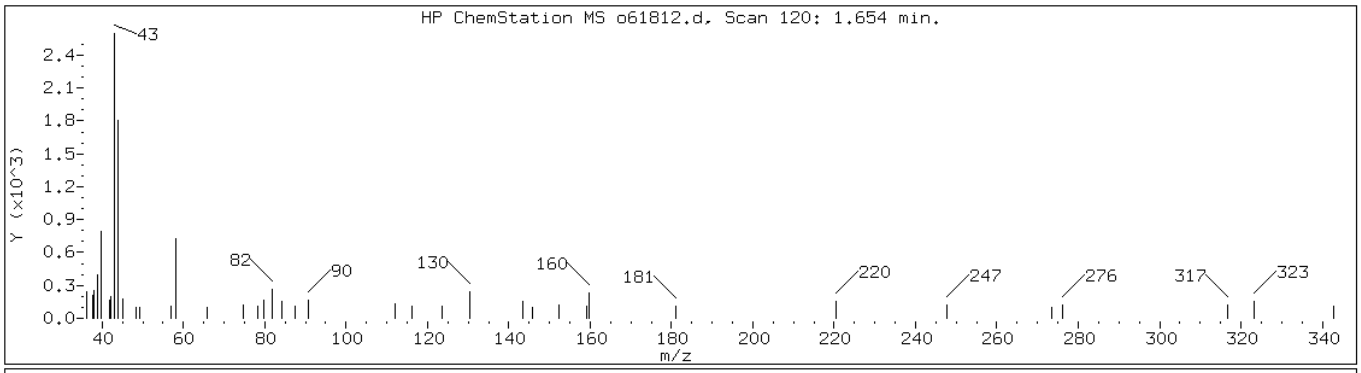
Data File: o61812.d

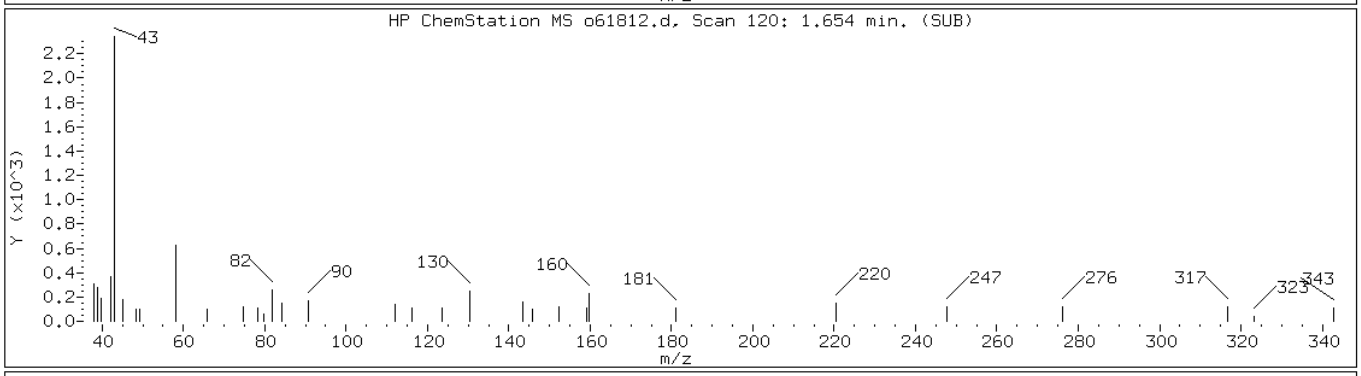
Date: 02-JUL-2012 19:52

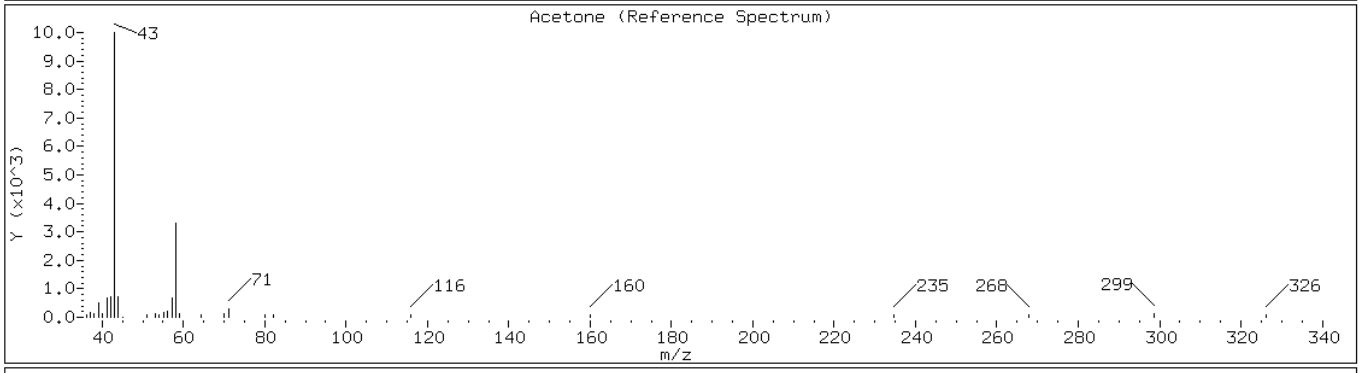
Client ID: Instrument: VOAMS12.i

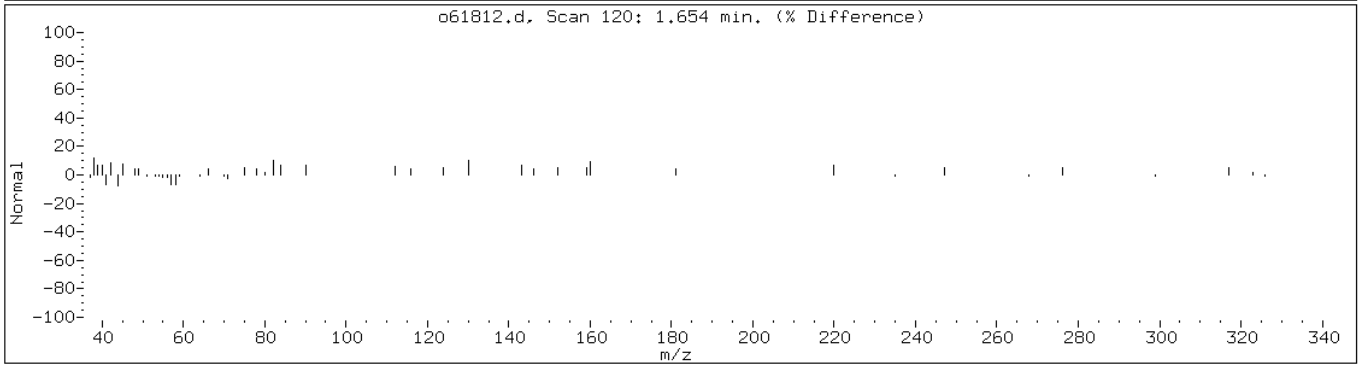
Sample Info: MB Operator: VOAMS 9

7 Acetone









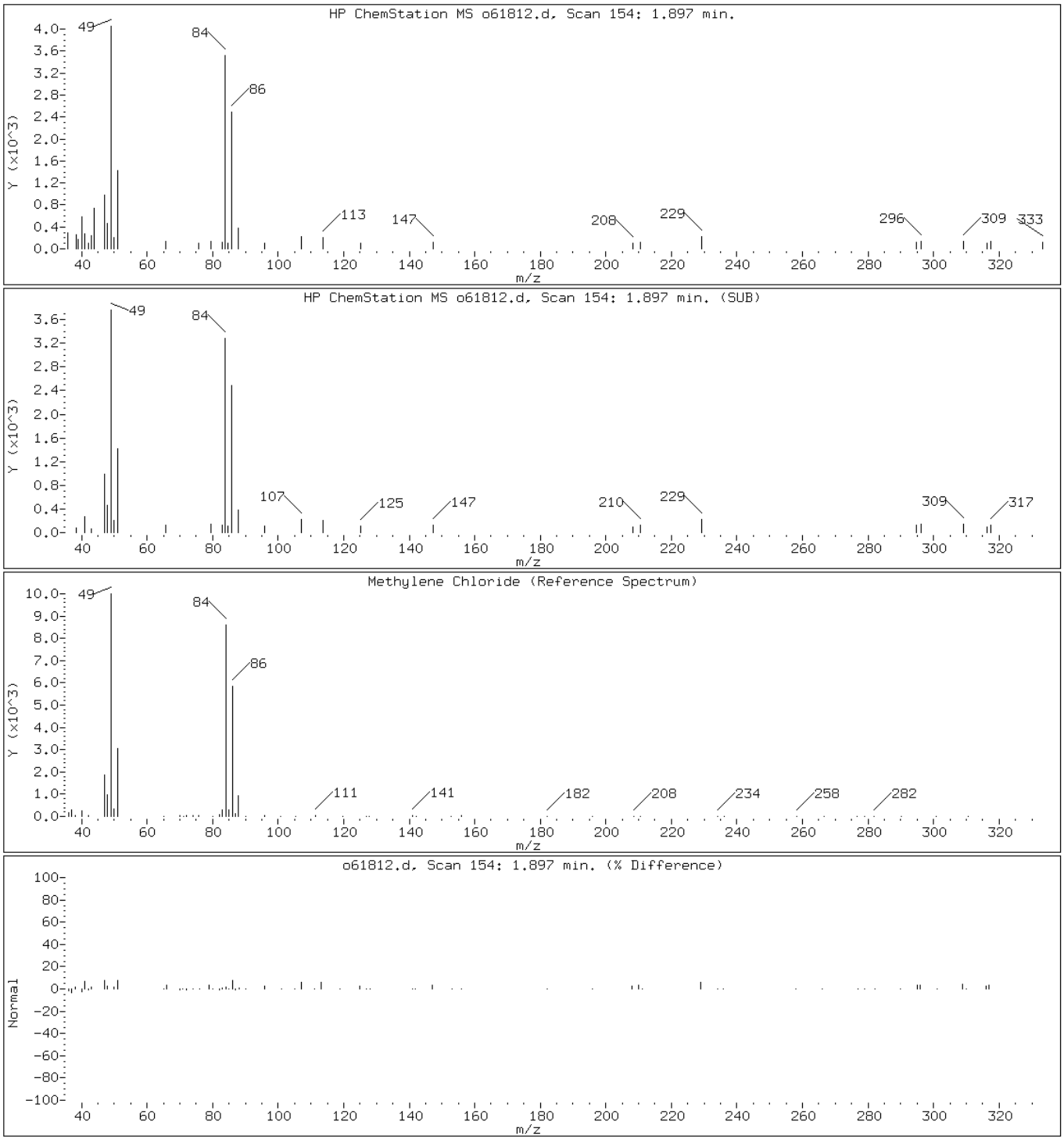
Data File: o61812.d

Date: 02-JUL-2012 19:52

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118537/4

Matrix: Solid Lab File ID: e05040.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 07/03/2012 22:17

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 118537 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
75-34-3	1,1-Dichloroethane	13	U	100	13
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
106-93-4	1,2-Dibromoethane	28	U	100	28
95-50-1	1,2-Dichlorobenzene	21	U	100	21
107-06-2	1,2-Dichloroethane	19	U	100	19
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
541-73-1	1,3-Dichlorobenzene	14	U	100	14
106-46-7	1,4-Dichlorobenzene	23	U	100	23
123-91-1	1,4-Dioxane	3600	U	5000	3600
78-93-3	2-Butanone	230	U	500	230
591-78-6	2-Hexanone	50	U	500	50
108-10-1	4-Methyl-2-pentanone	99	U	500	99
67-64-1	Acetone	270	U	500	270
71-43-2	Benzene	8.3	U	100	8.3
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13
75-25-2	Bromoform	19	U	100	19
74-83-9	Bromomethane	18	U	100	18
75-15-0	Carbon disulfide	13	U	100	13
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
108-90-7	Chlorobenzene	11	U	100	11
75-00-3	Chloroethane	17	U	100	17
67-66-3	Chloroform	7.9	U	100	7.9
74-87-3	Chloromethane	9.7	U	100	9.7
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
110-82-7	Cyclohexane	16	U	100	16
124-48-1	Dibromochloromethane	20	U	100	20
75-71-8	Dichlorodifluoromethane	22	U	100	22
100-41-4	Ethylbenzene	9.6	U	100	9.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118537/4

Matrix: Solid | Lab File ID: e05040.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 07/03/2012 22:17

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	8.2	U	100	8.2
98-82-8	Isopropylbenzene	7.7	U	100	7.7
79-20-9	Methyl acetate	34	U	200	34
108-87-2	Methylcyclohexane	14	U	100	14
75-09-2	Methylene Chloride	18	U	100	18
1634-04-4	MTBE	14	U	100	14
100-42-5	Styrene	12	U	100	12
127-18-4	Tetrachloroethene	9.7	U	100	9.7
108-88-3	Toluene	15	U	100	15
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
79-01-6	Trichloroethene	9.2	U	100	9.2
75-69-4	Trichlorofluoromethane	15	U	100	15
75-01-4	Vinyl chloride	14	U	100	14
1330-20-7	Xylenes, Total	36	U	300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-135
460-00-4	Bromofluorobenzene	104		72-133
2037-26-5	Toluene-d8 (Surr)	106		59-150

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05040.d
Report Date: 04-Jul-2012 01:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05040.d
Lab Smp Id: MB
Inj Date : 03-JUL-2012 22:17
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 03-Jul-2012 20:57 martinez Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 5
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

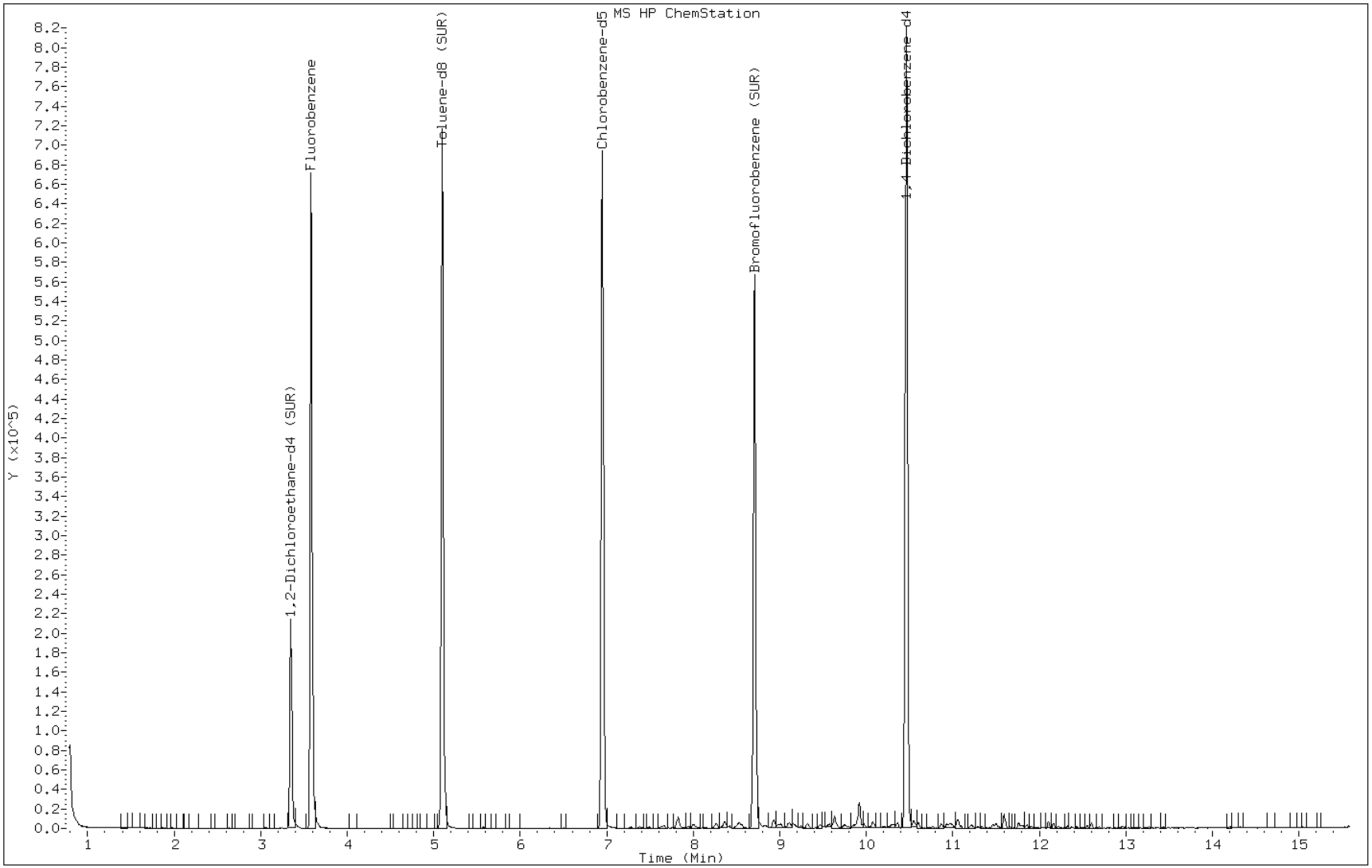
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.351	3.345	(0.935)	131545	53.6946	5400
* 52 Fluorobenzene	96	3.583	3.583	(1.000)	562878	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	503024	52.9445	5300
* 78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	451544	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	210210	52.0963	5200
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	274269	50.0000	

Data File: e05040.d

Date: 03-JUL-2012 22:17

Client ID: Instrument: VOAMS5.i

Sample Info: MB Operator: VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-117585/1-A

Matrix: Solid | Lab File ID: o61613.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/27/2012 22:07

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
123-91-1	1,4-Dioxane	13	U	50	13
78-93-3	2-Butanone	0.63	U	10	0.63
591-78-6	2-Hexanone	0.13	U	10	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
67-64-1	Acetone	3.28	J	10	1.7
71-43-2	Benzene	0.15	U	1.0	0.15
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
75-00-3	Chloroethane	0.33	U	1.0	0.33
67-66-3	Chloroform	0.24	U	1.0	0.24
74-87-3	Chloromethane	0.16	U	1.0	0.16
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.13	U	1.0	0.13
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
100-41-4	Ethylbenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-117585/1-A

Matrix: Solid | Lab File ID: o61613.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/27/2012 22:07

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.11	U	1.0	0.11
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
75-09-2	Methylene Chloride	1.24		1.0	0.15
1634-04-4	MTBE	0.11	U	1.0	0.11
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
79-01-6	Trichloroethene	0.12	U	1.0	0.12
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-117585/1-A

Matrix: Solid Lab File ID: o61613.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 06/27/2012 22:07

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.: 117746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61613.d
Report Date: 28-Jun-2012 14:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61613.d
Lab Smp Id: LB3 460-117585/1-A
Inj Date : 27-JUN-2012 22:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LB3 460-117585/1-A
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/8260L_10.m
Meth Date : 28-Jun-2012 14:28 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.661	(0.448)	4234	3.27949	3.3(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	5882	1.23575	1.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	197057	52.7647	53
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	755026	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	655930	49.3362	49
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	603631	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	248344	49.2419	49
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	370948	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o61613.d

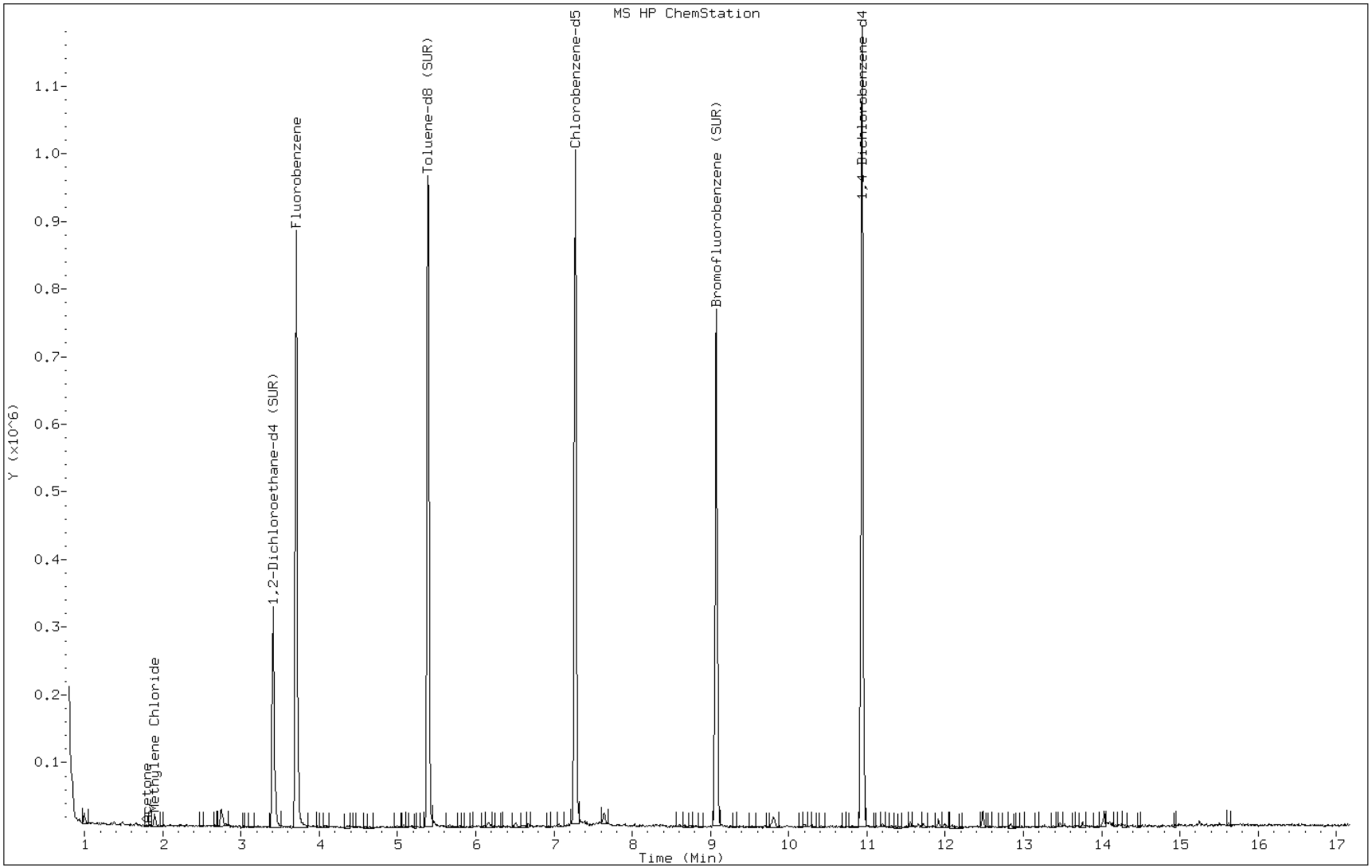
Date: 27-JUN-2012 22:07

Client ID:

Instrument: VOAMS12.i

Sample Info: LB3 460-117585/1-A

Operator: VOAMS 9



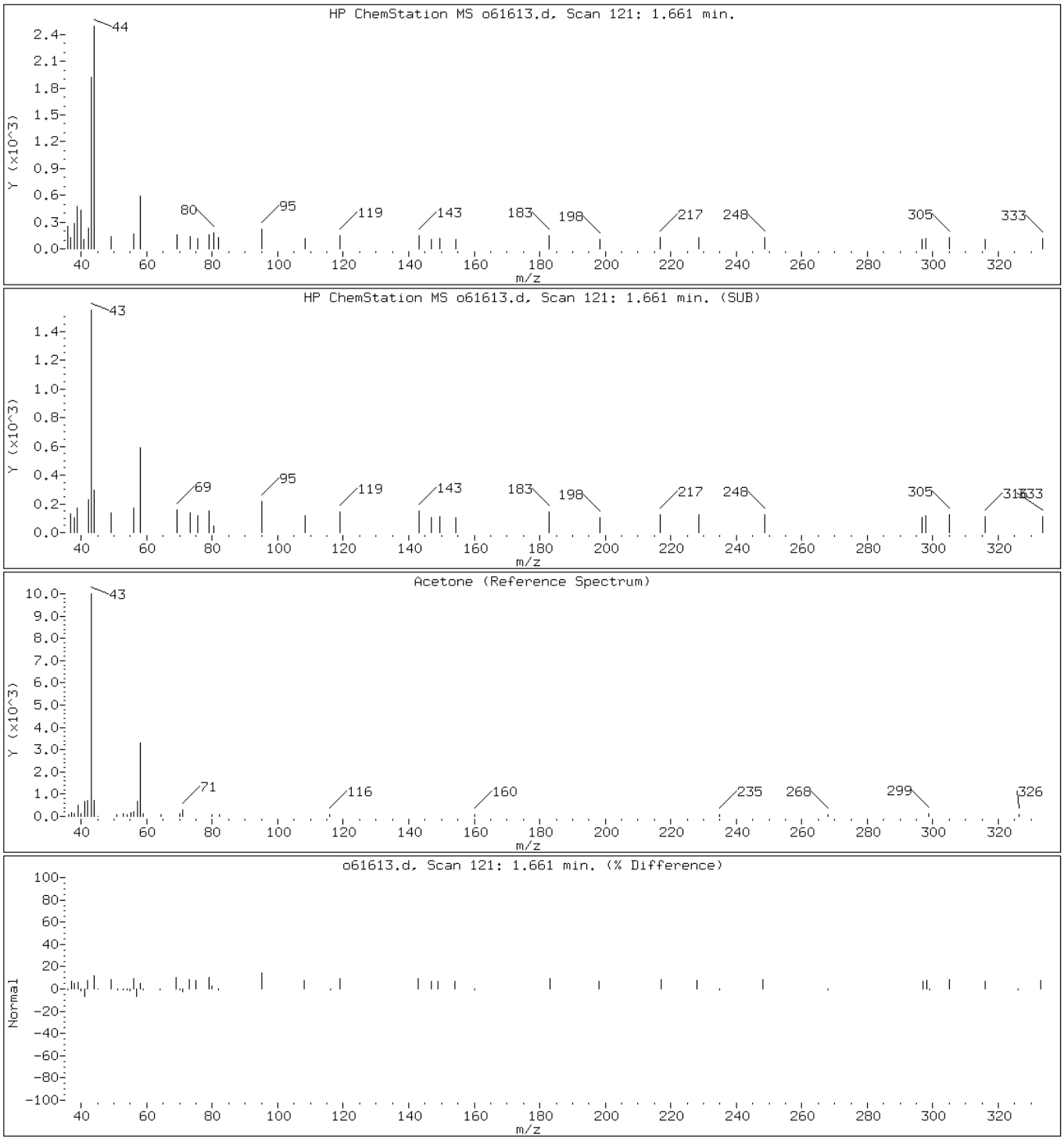
Data File: o61613.d

Date: 27-JUN-2012 22:07

Client ID: Instrument: VOAMS12.i

Sample Info: LB3 460-117585/1-A Operator: VOAMS 9

7 Acetone



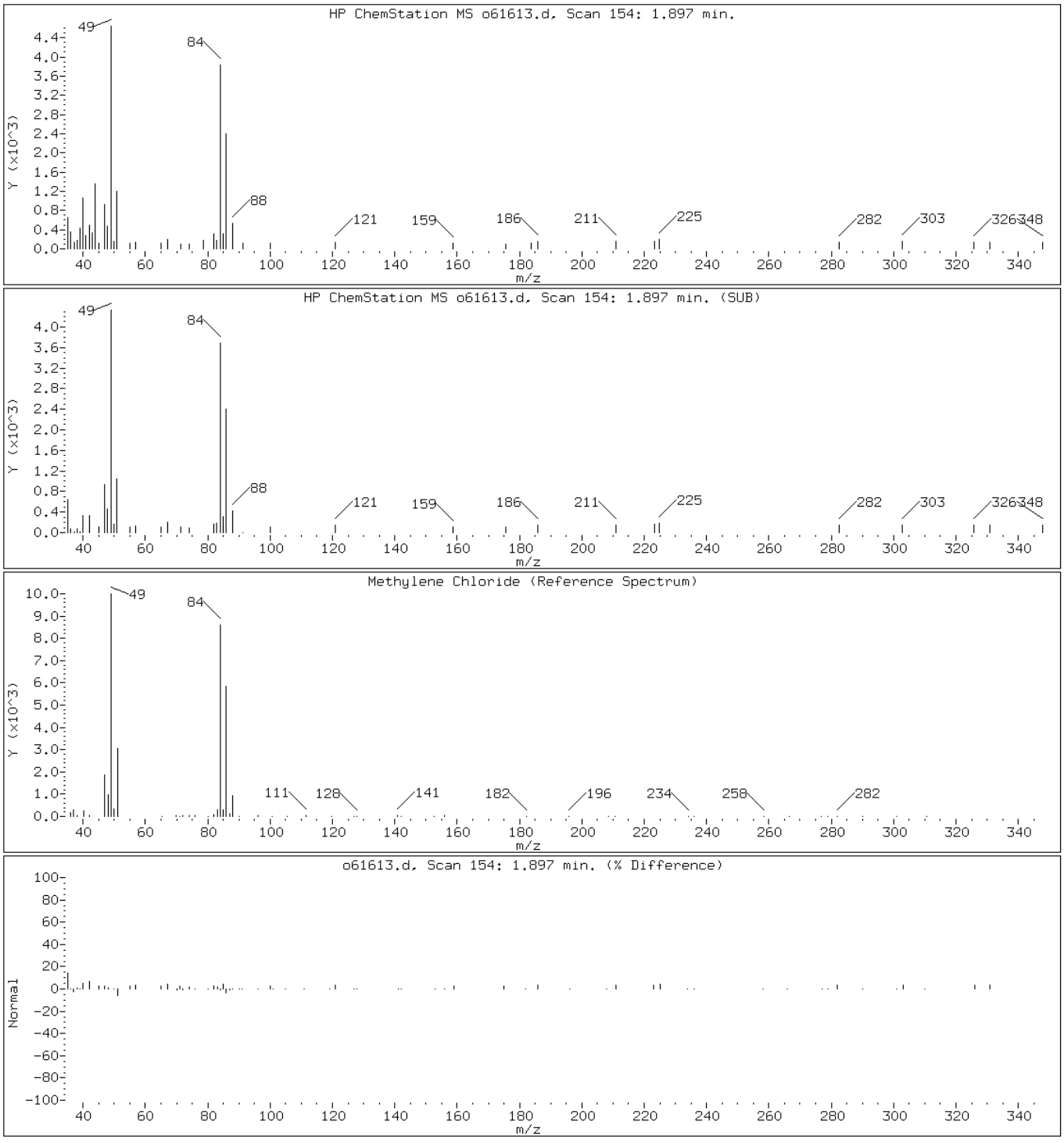
Data File: o61613.d

Date: 27-JUN-2012 22:07

Client ID: Instrument: VOAMS12.i

Sample Info: LB3 460-117585/1-A Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-117746/3

Matrix: Solid | Lab File ID: o61602.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/27/2012 17:32

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.14
75-34-3	1,1-Dichloroethane	20.9		1.0	0.11
75-35-4	1,1-Dichloroethene	21.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	16.7		1.0	0.44
106-93-4	1,2-Dibromoethane	18.1		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.10
107-06-2	1,2-Dichloroethane	20.7		1.0	0.18
78-87-5	1,2-Dichloropropane	19.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
123-91-1	1,4-Dioxane	157		50	13
78-93-3	2-Butanone	16.9		10	0.63
591-78-6	2-Hexanone	16.9		10	0.13
108-10-1	4-Methyl-2-pentanone	18.7		10	0.20
67-64-1	Acetone	24.1		10	1.7
71-43-2	Benzene	20.3		1.0	0.15
74-97-5	Bromochloromethane	24.4		1.0	0.11
75-27-4	Bromodichloromethane	21.3		1.0	0.32
75-25-2	Bromoform	17.4		1.0	0.17
74-83-9	Bromomethane	23.7		1.0	0.43
75-15-0	Carbon disulfide	20.7		1.0	0.15
56-23-5	Carbon tetrachloride	21.7		1.0	0.15
108-90-7	Chlorobenzene	19.4		1.0	0.18
75-00-3	Chloroethane	22.2		1.0	0.33
67-66-3	Chloroform	21.8		1.0	0.24
74-87-3	Chloromethane	27.2		1.0	0.16
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14
110-82-7	Cyclohexane	21.3		1.0	0.13
124-48-1	Dibromochloromethane	16.5		1.0	0.10
75-71-8	Dichlorodifluoromethane	24.4		1.0	0.22
100-41-4	Ethylbenzene	20.4		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-117746/3

Matrix: Solid | Lab File ID: o61602.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/27/2012 17:32

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	21.9		1.0	0.11
98-82-8	Isopropylbenzene	20.2		1.0	0.11
79-20-9	Methyl acetate	20.0		1.0	0.32
108-87-2	Methylcyclohexane	20.9		1.0	0.10
75-09-2	Methylene Chloride	25.4		1.0	0.15
1634-04-4	MTBE	19.1		1.0	0.11
100-42-5	Styrene	19.7		1.0	0.28
127-18-4	Tetrachloroethene	21.0		1.0	0.12
108-88-3	Toluene	18.8		1.0	0.14
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	14.6		1.0	0.10
79-01-6	Trichloroethene	20.6		1.0	0.12
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
75-01-4	Vinyl chloride	22.9		1.0	0.34
1330-20-7	Xylenes, Total	58.7		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61602.d
Report Date: 28-Jun-2012 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61602.d
Lab Smp Id: LCS
Inj Date : 27-JUN-2012 17:32
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/8260L_10.m
Meth Date : 28-Jun-2012 14:28 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				276312	42.8795	43
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	194546	24.3940	24
1 Chloromethane	50	0.980	0.980	(0.265)	213822	27.1714	27
4 Vinyl Chloride	62	1.009	1.009	(0.272)	198825	22.8650	23
3 Bromomethane	94	1.159	1.167	(0.313)	109688	23.7245	24
5 Chloroethane	64	1.217	1.217	(0.329)	108006	22.2340	22
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	275160	22.4551	22
127 Ethanol	46	1.467	1.460	(0.396)	94635	2825.23	2800
46 Ethyl Ether	59	1.496	1.496	(0.404)	99596	21.3933	21
119 Isoprene	67	1.503	1.496	(0.406)	177581	20.9361	21
47 Acrolein	56	1.568	1.568	(0.423)	222330	283.558	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	111299	21.6213	22
48 Freon TF	101	1.611	1.611	(0.435)	133976	21.9165	22
7 Acetone	43	1.661	1.661	(0.449)	34673	24.1017	24

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61602.d
Report Date: 28-Jun-2012 14:30

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	142 Iodomethane	142	1.704	1.697	(0.460)	171750	23.6795	24
	8 Carbon Disulfide	76	1.732	1.732	(0.468)	378705	20.7268	21
	50 Acetonitrile	41	1.818	1.826	(0.491)	327764	492.352	490
	125 Methyl acetate	74	1.840	1.840	(0.497)	17322	19.9542	20
	6 Methylene Chloride	84	1.897	1.897	(0.512)	134642	25.3856	25
	51 TBA	59	1.990	1.990	(0.538)	217034	368.877	370
	52 Acrylonitrile	53	2.055	2.055	(0.555)	292519	142.776	140
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	131360	21.6908	22
	53 MTBE	73	2.062	2.062	(0.557)	283179	19.1466	19
	54 Hexane	56	2.227	2.227	(0.601)	110456	20.1853	20
	11 1,1-Dichloroethane	63	2.334	2.334	(0.630)	255350	20.9024	21
	57 Vinyl Acetate	43	2.384	2.377	(0.644)	340147	18.2931	18
	55 DIPE	45	2.384	2.384	(0.644)	386443	19.7135	20
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	306571	18.6115	19
	157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	278120	21.1730	21
	104 2,2-Dichloropropane	77	2.742	2.735	(0.741)	217945	20.5501	20
	13 cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	144952	21.1887	21
	18 2-Butanone	72	2.778	2.778	(0.750)	10070	16.9255	17
	56 Ethyl Acetate	70	2.828	2.828	(0.764)	16588	37.9516	38
	108 Bromochloromethane	128	2.929	2.929	(0.791)	60167	24.4192	24
	15 Chloroform	83	3.000	3.000	(0.810)	244034	21.8163	22
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	214554	22.2192	22
	59 Cyclohexane	56	3.165	3.165	(0.855)	271211	21.3153	21
	21 Carbon Tetrachloride	117	3.258	3.258	(0.880)	162136	21.7159	22
	92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	186366	20.2389	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	214597	51.5743	52
	28 Benzene	78	3.444	3.444	(0.930)	481894	20.3379	20
	17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	160830	20.7271	21
	61 Isopropyl Acetate	43	3.566	3.566	(0.963)	387424	37.1346	37
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	234578	18.4949	18
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	841208	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.095)	119667	20.6088	21
	63 n-Butanol	43	4.082	4.082	(1.103)	107396	1252.87	1200
	96 Ethyl Acrylate	85	4.218	4.218	(1.139)	4538	18.2342	18(M)
	126 Methyl cyclohexane	83	4.225	4.218	(1.141)	230879	20.9245	21
	23 1,2-Dichloropropane	63	4.282	4.282	(1.157)	117287	19.7276	20
	109 Dibromomethane	93	4.397	4.397	(1.188)	65631	20.9757	21
	95 1,4-Dioxane	88	4.454	4.454	(1.203)	10412	156.969	160
	146 Methyl methacrylate	69	4.454	4.454	(1.203)	54237	18.4668	18
	64 Propyl Acetate	43	4.540	4.540	(1.226)	233407	36.9059	37
	22 Bromodichloromethane	83	4.583	4.583	(1.238)	150056	21.3447	21
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	51078	19.1074	19
	118 Epichlorohydrin	57	5.013	5.013	(1.354)	203484	393.945	390
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	163414	19.9801	20
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	80667	18.6769	19
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	683193	48.7351	49
	38 Toluene	91	5.464	5.464	(0.752)	523410	18.8434	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61602.d
Report Date: 28-Jun-2012 14:30

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	127493	14.6346	15
	27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	68644	17.8048	18
	35	Tetrachloroethene	166	6.130	6.131	(0.843)	134572	21.0374	21
	103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	156355	18.2509	18
	34	2-Hexanone	43	6.395	6.388	(0.880)	59648	16.8763	17
	26	Dibromochloromethane	129	6.496	6.496	(0.894)	87913	16.4619	16
	65	Butyl Acetate	43	6.610	6.610	(0.909)	291137	35.0899	35
	66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	79181	18.1413	18
*	32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	636475	50.0000	
	39	Chlorobenzene	112	7.312	7.312	(1.006)	321649	19.4452	19
	97	1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	92585	17.0517	17
	40	Ethylbenzene	106	7.506	7.513	(1.033)	185765	20.3658	20
	43	m+p-Xylene	106	7.692	7.692	(1.058)	454800	38.9080	39
	44	o-Xylene	106	8.272	8.272	(1.138)	219567	19.7968	20
	42	Styrene	104	8.308	8.301	(1.143)	373883	19.6910	20
	147	Butyl Acrylate	55	8.380	8.380	(0.766)	186718	16.6985	17
	31	Bromoform	173	8.544	8.537	(1.175)	50587	17.3805	17
	145	Amyl Acetate	43	8.766	8.767	(1.206)	112021	18.6751	19
	110	Isopropylbenzene	105	8.867	8.867	(1.220)	623510	20.1776	20
$	41	Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	252389	50.2505	50
	150	Camphene	41	9.196	9.196	(0.841)	64707	16.7333	17
	107	Bromobenzene	156	9.254	9.254	(0.846)	142802	19.3431	19
	36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	111576	17.3333	17
	99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	32825	17.6229	18
	143	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	33403	20.2443	20
	112	n-Propylbenzene	91	9.526	9.526	(0.871)	767188	18.4925	18
	105	2-Chlorotoluene	91	9.597	9.597	(0.878)	426692	18.1988	18
	106	4-Chlorotoluene	91	9.784	9.784	(0.895)	438201	17.8406	18
	102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	510038	18.2802	18
	148	Butyl methacrylate	69	10.142	10.142	(0.927)	175536	18.1148	18
	115	tert-Butylbenzene	119	10.349	10.350	(0.946)	463137	18.4708	18
	100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	518212	18.3814	18
	114	sec-Butylbenzene	105	10.715	10.715	(0.980)	725700	18.6957	19
	67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	291093	19.2047	19
*	91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	369423	50.0000	
	68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	286651	18.7589	19
	113	p-Isopropyltoluene	119	10.994	10.994	(1.005)	600591	18.8760	19
	69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	278949	19.7532	20
	117	Benzyl chloride	91	11.238	11.238	(1.028)	166301	13.0899	13(R)
	111	n-Butylbenzene	91	11.603	11.603	(1.061)	616673	19.0639	19
	101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	22227	16.6531	17
	152	Camphor	95	13.186	13.186	(1.206)	72338	95.1102	95
	93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	232866	20.4296	20
	94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	145279	20.9776	21
	70	Naphthalene	128	13.480	13.480	(1.232)	459116	18.5924	18
	98	1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	208637	19.7362	20
M	45	Xylene (Total)	100				674367	58.6929	59

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61602.d
Report Date: 28-Jun-2012 14:30

QC Flag Legend

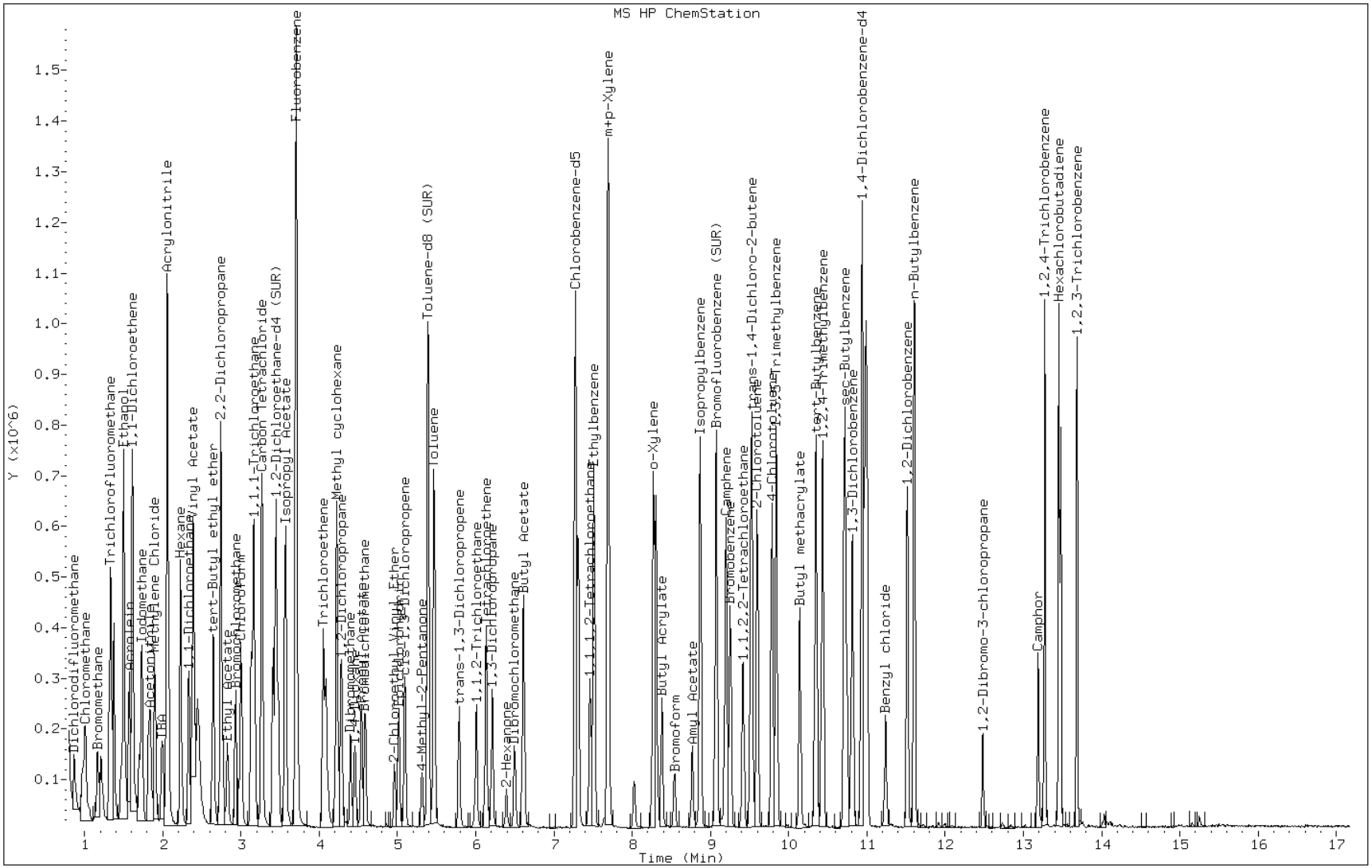
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: o61602.d

Date: 27-JUN-2012 17:32

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118221/3

Matrix: Solid Lab File ID: o61780.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/02/2012 05:18

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.: 118221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.14
75-34-3	1,1-Dichloroethane	19.6		1.0	0.11
75-35-4	1,1-Dichloroethene	20.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		1.0	0.44
106-93-4	1,2-Dibromoethane	21.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.10
107-06-2	1,2-Dichloroethane	20.7		1.0	0.18
78-87-5	1,2-Dichloropropane	20.2		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.4		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.11
123-91-1	1,4-Dioxane	149		50	13
78-93-3	2-Butanone	22.1		10	0.63
591-78-6	2-Hexanone	18.3		10	0.13
108-10-1	4-Methyl-2-pentanone	22.1		10	0.20
67-64-1	Acetone	28.7		10	1.7
71-43-2	Benzene	21.9		1.0	0.15
74-97-5	Bromochloromethane	24.7		1.0	0.11
75-27-4	Bromodichloromethane	21.2		1.0	0.32
75-25-2	Bromoform	19.7		1.0	0.17
74-83-9	Bromomethane	21.5		1.0	0.43
75-15-0	Carbon disulfide	19.9		1.0	0.15
56-23-5	Carbon tetrachloride	22.8		1.0	0.15
108-90-7	Chlorobenzene	20.1		1.0	0.18
75-00-3	Chloroethane	19.7		1.0	0.33
67-66-3	Chloroform	20.8		1.0	0.24
74-87-3	Chloromethane	24.5		1.0	0.16
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	21.5		1.0	0.14
110-82-7	Cyclohexane	21.2		1.0	0.13
124-48-1	Dibromochloromethane	17.9		1.0	0.10
75-71-8	Dichlorodifluoromethane	21.3		1.0	0.22
100-41-4	Ethylbenzene	20.8		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118221/3

Matrix: Solid | Lab File ID: o61780.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 05:18

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.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	22.6		1.0	0.11
98-82-8	Isopropylbenzene	20.4		1.0	0.11
79-20-9	Methyl acetate	23.2		1.0	0.32
108-87-2	Methylcyclohexane	22.8		1.0	0.10
75-09-2	Methylene Chloride	24.0		1.0	0.15
1634-04-4	MTBE	21.4		1.0	0.11
100-42-5	Styrene	19.9		1.0	0.28
127-18-4	Tetrachloroethene	23.2		1.0	0.12
108-88-3	Toluene	19.6		1.0	0.14
156-60-5	trans-1,2-Dichloroethene	21.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	16.9		1.0	0.10
79-01-6	Trichloroethene	23.1		1.0	0.12
75-69-4	Trichlorofluoromethane	20.3		1.0	0.16
75-01-4	Vinyl chloride	20.8		1.0	0.34
1330-20-7	Xylenes, Total	59.5		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	103		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61780.d
Report Date: 12-Jul-2012 10:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61780.d
Lab Smp Id: LCS
Inj Date : 02-JUL-2012 05:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 12-Jul-2012 10:21 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:56 Cal File: o61390.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				245539	42.2516	42
90	Dichlorodifluoromethane	85	0.866	0.866	(0.233)	153231	21.3100	21
1	Chloromethane	50	0.980	0.973	(0.264)	173988	24.5219	24
4	Vinyl Chloride	62	1.009	1.009	(0.272)	163221	20.8186	21
3	Bromomethane	94	1.167	1.166	(0.314)	89621	21.4993	21
5	Chloroethane	64	1.217	1.217	(0.328)	86182	19.6772	20
9	Trichlorofluoromethane	101	1.338	1.338	(0.361)	224004	20.2750	20
127	Ethanol	46	1.460	1.460	(0.394)	87703	2903.98	2900
46	Ethyl Ether	59	1.496	1.496	(0.403)	86001	20.4888	20
119	Isoprene	67	1.503	1.503	(0.405)	169957	22.2237	22
47	Acrolein	56	1.568	1.568	(0.423)	179124	253.381	250
10	1,1-Dichloroethene	96	1.618	1.611	(0.436)	95502	20.5769	20
48	Freon TF	101	1.618	1.611	(0.436)	124797	22.6425	23
7	Acetone	43	1.661	1.654	(0.448)	37237	28.7083	29

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61780.d
Report Date: 12-Jul-2012 10:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	142 Iodomethane	142	1.704	1.704	(0.459)	152815	23.3678	23
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	328469	19.9389	20
	50 Acetonitrile	41	1.825	1.825	(0.492)	298173	496.774	500
	125 Methyl acetate	74	1.840	1.840	(0.496)	18154	23.1943	23
	6 Methylene Chloride	84	1.897	1.897	(0.511)	114601	23.9647	24
	51 TBA	59	1.983	1.983	(0.535)	206857	389.943	390
	52 Acrylonitrile	53	2.055	2.055	(0.554)	274854	148.792	150
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	116248	21.2899	21
	53 MTBE	73	2.062	2.062	(0.556)	285877	21.4381	21
	54 Hexane	56	2.227	2.227	(0.600)	111681	22.6361	23
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	215887	19.6003	20
	57 Vinyl Acetate	43	2.384	2.384	(0.643)	336972	20.0998	20
	55 DIPE	45	2.384	2.384	(0.643)	387478	21.9231	22
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	324136	21.8250	22
	157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	240635	20.3182	20
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	191693	20.0470	20
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	129291	20.9616	21
	18 2-Butanone	72	2.778	2.771	(0.749)	11837	22.0663	22
	56 Ethyl Acetate	70	2.828	2.821	(0.762)	16688	42.3465	42
	108 Bromochloromethane	128	2.929	2.929	(0.790)	54878	24.7029	25
	15 Chloroform	83	3.000	3.000	(0.809)	210136	20.8357	21
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	35978	24.6434	25
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	190266	21.8539	22
	59 Cyclohexane	56	3.165	3.165	(0.853)	243675	21.2408	21
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	153214	22.7601	23
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	185712	22.3685	22
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	187813	50.0624	50
	28 Benzene	78	3.444	3.444	(0.929)	467886	21.9014	22
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	144999	20.7259	21
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	413584	43.9675	44
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	257455	22.5135	22
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	758450	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	120789	23.0719	23
	63 n-Butanol	43	4.082	4.082	(1.100)	111934	1443.98	1400
	96 Ethyl Acrylate	85	4.225	4.211	(1.139)	5440	24.2408	24
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	226837	22.8014	23
	23 1,2-Dichloropropane	63	4.282	4.282	(1.154)	108427	20.2273	20
	109 Dibromomethane	93	4.404	4.397	(1.187)	57915	20.5293	20
	95 1,4-Dioxane	88	4.454	4.454	(1.201)	8932	149.226	150
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	60810	22.9640	23
	64 Propyl Acetate	43	4.540	4.540	(1.224)	256352	44.9567	45
	22 Bromodichloromethane	83	4.590	4.583	(1.238)	134170	21.1675	21
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	54961	22.8034	23
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	197313	423.679	420
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	158860	21.5427	22
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	86014	22.0879	22
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	619022	47.9295	48

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61780.d
Report Date: 12-Jul-2012 10:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	38 Toluene	91	5.464	5.464	(0.752)	501382	19.5922	20
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	135617	16.8935	17
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	67174	18.9118	19
	35 Tetrachloroethene	166	6.138	6.130	(0.844)	137001	23.2466	23
	103 1,3-Dichloropropane	76	6.216	6.209	(0.855)	149181	18.9010	19
	34 2-Hexanone	43	6.388	6.388	(0.879)	59449	18.2568	18
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	88136	17.9099	18
	65 Butyl Acetate	43	6.610	6.610	(0.909)	296255	38.7569	39
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	84515	21.0174	21
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	586385	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	305689	20.0589	20
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	92963	18.5779	18
	40 Ethylbenzene	106	7.513	7.506	(1.034)	174518	20.7672	21
	43 m+p-Xylene	106	7.692	7.692	(1.058)	426540	39.6074	40
	44 o-Xylene	106	8.272	8.272	(1.138)	202878	19.8546	20
	42 Styrene	104	8.308	8.308	(1.143)	347827	19.8835	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	175298	17.3004	17
	31 Bromoform	173	8.537	8.537	(1.174)	52792	19.6737	20
	145 Amyl Acetate	43	8.766	8.766	(1.206)	100059	18.1058	18
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	581022	20.4088	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	233934	51.3987	51
	150 Camphene	41	9.196	9.196	(0.841)	59189	16.8912	17
	107 Bromobenzene	156	9.254	9.254	(0.846)	131885	19.7140	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	105644	18.1110	18
	99 1,2,3-Trichloropropane	110	9.425	9.418	(0.862)	31934	18.9197	19
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	31993	21.5121	22
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	720812	19.1737	19
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	396457	18.6601	19
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	398768	17.9161	18
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	468914	18.5465	18
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	158792	18.0836	18
	115 tert-Butylbenzene	119	10.350	10.349	(0.946)	438273	19.2890	19
	100 1,2,4-Trimethylbenzene	105	10.428	10.435	(0.953)	469858	18.3919	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	677682	19.2664	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	266913	19.4328	19
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	334761	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	266880	19.2734	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	558626	19.3733	19
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	247621	19.3503	19
	117 Benzyl chloride	91	11.238	11.238	(1.028)	154737	13.4400	13(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	553408	18.9060	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	18419	15.2289	15
	152 Camphor	95	13.186	13.186	(1.206)	64518	93.6118	94
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	201868	19.5439	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	132332	21.0866	21
	70 Naphthalene	128	13.473	13.480	(1.232)	410217	18.3322	18
	98 1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	189122	19.7426	20

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61780.d
Report Date: 12-Jul-2012 10:26

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				629418	59.4603	59

QC Flag Legend

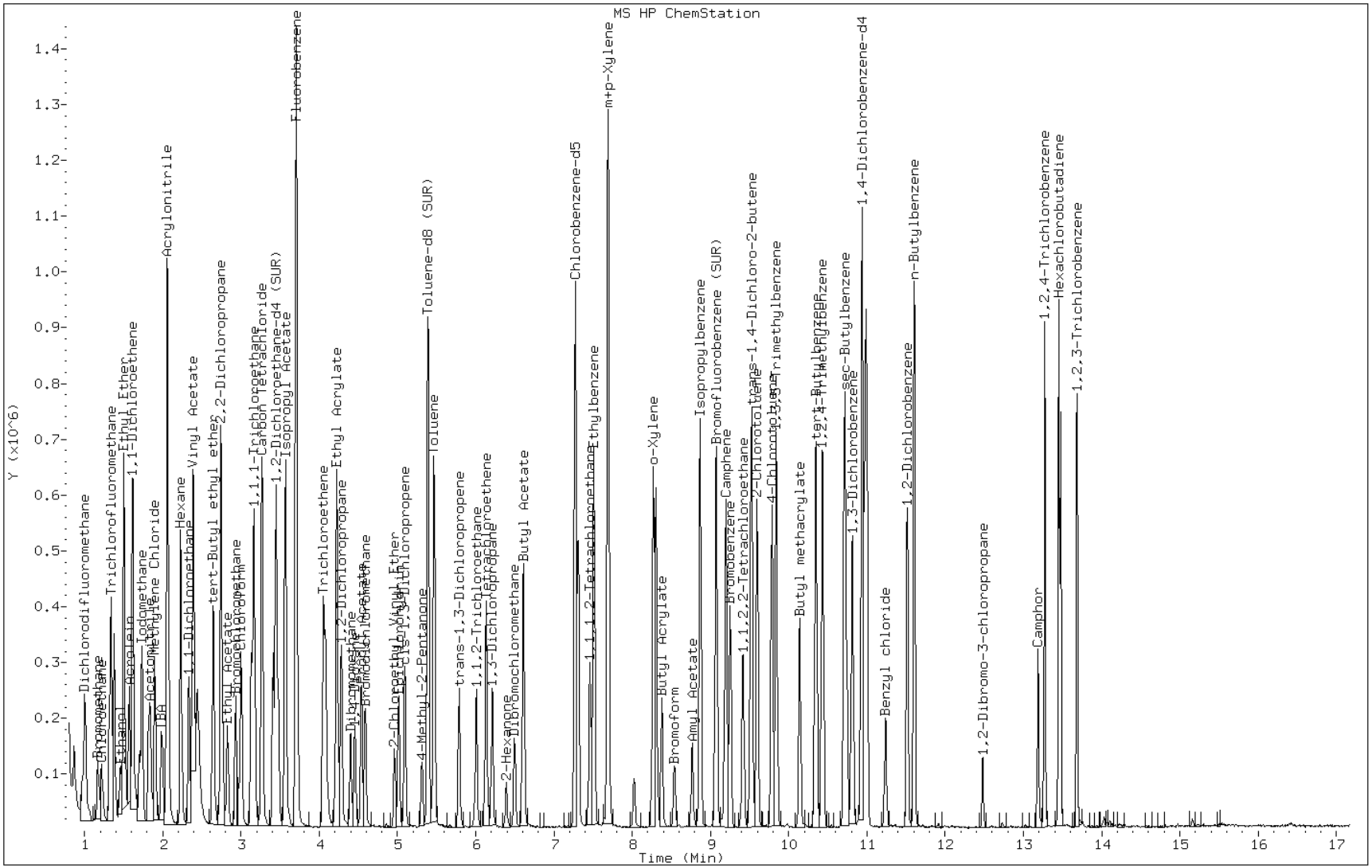
R - Spike/Surrogate failed recovery limits.

Data File: o61780.d

Date: 02-JUL-2012 05:18

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118368/3

Matrix: Solid | Lab File ID: o61808.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 17:54

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.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.2		1.0	0.14
75-34-3	1,1-Dichloroethane	21.2		1.0	0.11
75-35-4	1,1-Dichloroethene	20.1		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.8		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1.0	0.44
106-93-4	1,2-Dibromoethane	20.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.10
107-06-2	1,2-Dichloroethane	22.0		1.0	0.18
78-87-5	1,2-Dichloropropane	20.2		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.11
123-91-1	1,4-Dioxane	149		50	13
78-93-3	2-Butanone	20.2		10	0.63
591-78-6	2-Hexanone	15.9		10	0.13
108-10-1	4-Methyl-2-pentanone	19.2		10	0.20
67-64-1	Acetone	26.5		10	1.7
71-43-2	Benzene	21.1		1.0	0.15
74-97-5	Bromochloromethane	27.3		1.0	0.11
75-27-4	Bromodichloromethane	23.0		1.0	0.32
75-25-2	Bromoform	19.5		1.0	0.17
74-83-9	Bromomethane	22.7		1.0	0.43
75-15-0	Carbon disulfide	19.1		1.0	0.15
56-23-5	Carbon tetrachloride	22.0		1.0	0.15
108-90-7	Chlorobenzene	20.0		1.0	0.18
75-00-3	Chloroethane	21.0		1.0	0.33
67-66-3	Chloroform	22.9		1.0	0.24
74-87-3	Chloromethane	25.8		1.0	0.16
156-59-2	cis-1,2-Dichloroethene	22.4		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	20.9		1.0	0.14
110-82-7	Cyclohexane	18.1		1.0	0.13
124-48-1	Dibromochloromethane	18.2		1.0	0.10
75-71-8	Dichlorodifluoromethane	20.0		1.0	0.22
100-41-4	Ethylbenzene	20.4		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118368/3

Matrix: Solid | Lab File ID: o61808.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 17:54

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.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	19.9		1.0	0.11
98-82-8	Isopropylbenzene	19.4		1.0	0.11
79-20-9	Methyl acetate	23.6		1.0	0.32
108-87-2	Methylcyclohexane	18.7		1.0	0.10
75-09-2	Methylene Chloride	27.1		1.0	0.15
1634-04-4	MTBE	20.4		1.0	0.11
100-42-5	Styrene	20.0		1.0	0.28
127-18-4	Tetrachloroethene	20.8		1.0	0.12
108-88-3	Toluene	19.0		1.0	0.14
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	15.3		1.0	0.10
79-01-6	Trichloroethene	21.6		1.0	0.12
75-69-4	Trichlorofluoromethane	19.4		1.0	0.16
75-01-4	Vinyl chloride	20.7		1.0	0.34
1330-20-7	Xylenes, Total	58.5		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61808.d
Report Date: 02-Jul-2012 18:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61808.d
Lab Smp Id: LCS
Inj Date : 02-JUL-2012 17:54
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				251429	44.2382	44
90	Dichlorodifluoromethane	85	0.866	0.866	(0.234)	140830	20.0497	20
1	Chloromethane	50	0.980	0.987	(0.265)	178526	25.7579	26
4	Vinyl Chloride	62	1.009	1.009	(0.272)	158518	20.6981	21
3	Bromomethane	94	1.166	1.166	(0.315)	92455	22.7049	23
5	Chloroethane	64	1.217	1.217	(0.329)	89923	21.0180	21
9	Trichlorofluoromethane	101	1.338	1.338	(0.362)	208835	19.3501	19
127	Ethanol	46	1.453	1.453	(0.392)	94455	3201.71	3200
46	Ethyl Ether	59	1.496	1.496	(0.404)	85167	20.7713	21
119	Isoprene	67	1.503	1.503	(0.406)	137723	18.4357	18
47	Acrolein	56	1.568	1.568	(0.423)	177080	256.427	260
10	1,1-Dichloroethene	96	1.611	1.611	(0.435)	91053	20.0834	20
48	Freon TF	101	1.611	1.611	(0.435)	107347	19.9381	20
7	Acetone	43	1.661	1.661	(0.449)	33598	26.5167	26

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61808.d
Report Date: 02-Jul-2012 18:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
142	Iodomethane	142	1.704	1.704	(0.460)	156210	24.4532	24
8	Carbon Disulfide	76	1.732	1.732	(0.468)	307231	19.0918	19
50	Acetonitrile	41	1.818	1.818	(0.491)	289826	494.313	490
125	Methyl acetate	74	1.840	1.840	(0.497)	18011	23.5573	24
6	Methylene Chloride	84	1.897	1.897	(0.512)	126690	27.1207	27
51	TBA	59	1.990	1.983	(0.538)	192418	371.321	370
52	Acrylonitrile	53	2.055	2.055	(0.555)	265816	147.311	150
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	116597	21.8601	22
53	MTBE	73	2.062	2.062	(0.557)	265204	20.3593	20
54	Hexane	56	2.227	2.227	(0.601)	81359	16.8812	17
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	227814	21.1735	21
57	Vinyl Acetate	43	2.384	2.384	(0.644)	295953	18.0716	18
55	DIPE	45	2.384	2.384	(0.644)	338674	19.6161	20
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	285306	19.6658	20
157	Dichlorofluoromethane	67	1.324	1.317	(0.358)	228078	19.7144	20
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	186277	19.9425	20
13	cis-1,2-Dichloroethene	96	2.749	2.742	(0.743)	134832	22.3781	22
18	2-Butanone	72	2.778	2.778	(0.750)	10567	20.1658	20
56	Ethyl Acetate	70	2.821	2.828	(0.762)	14507	37.6847	38
108	Bromochloromethane	128	2.929	2.929	(0.791)	59288	27.3208	27(R)
15	Chloroform	83	3.000	3.000	(0.810)	225607	22.9000	23
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	183321	21.5554	22
59	Cyclohexane	56	3.165	3.165	(0.855)	202628	18.0815	18
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	144401	21.9594	22
92	1,1-Dichloropropene	75	3.272	3.265	(0.884)	162999	20.0981	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	193081	52.6866	53
28	Benzene	78	3.444	3.444	(0.930)	441170	21.1403	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	150316	21.9952	22
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	342465	37.2699	37
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	220313	19.7222	20
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	740889	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	110212	21.5506	22
63	n-Butanol	43	4.082	4.082	(1.103)	102391	1356.22	1400
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	4360	19.8903	20
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	181934	18.7213	19
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	105748	20.1952	20
109	Dibromomethane	93	4.404	4.397	(1.190)	62967	22.8494	23
95	1,4-Dioxane	88	4.447	4.454	(1.201)	8709	149.075	150
146	Methyl methacrylate	69	4.454	4.454	(1.203)	52135	20.1548	20
64	Propyl Acetate	43	4.540	4.540	(1.226)	207608	37.2715	37
22	Bromodichloromethane	83	4.590	4.590	(1.240)	142293	22.9812	23
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	47722	20.2693	20
118	Epichlorohydrin	57	5.013	5.013	(1.354)	182442	401.035	400
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	150310	20.8664	21
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	73112	19.2199	19
$ 37	Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	616380	47.1039	47
38	Toluene	91	5.464	5.464	(0.752)	493072	19.0167	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61808.d
Report Date: 02-Jul-2012 18:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	124065	15.2556	15
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	65635	18.2382	18
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	123948	20.7581	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	144283	18.0426	18
	34 2-Hexanone	43	6.388	6.388	(0.879)	52356	15.8696	16
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	90639	18.1783	18
	65 Butyl Acetate	43	6.610	6.610	(0.909)	255022	32.9286	33
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	81562	20.0192	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	594116	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	308955	20.0094	20
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	89824	17.7202	18
	40 Ethylbenzene	106	7.513	7.513	(1.034)	173676	20.3981	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	422287	38.7022	39
	44 o-Xylene	106	8.272	8.272	(1.138)	204672	19.7695	20
	42 Styrene	104	8.308	8.308	(1.143)	354626	20.0084	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	166871	15.5046	16
	31 Bromoform	173	8.537	8.537	(1.174)	53142	19.5473	20
	145 Amyl Acetate	43	8.766	8.766	(1.206)	94364	16.8532	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	558810	19.3732	19
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	240962	49.8433	50
	150 Camphene	41	9.196	9.196	(0.841)	49522	13.3053	13
	107 Bromobenzene	156	9.254	9.254	(0.846)	140695	19.7998	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	106998	17.2692	17
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	33239	18.5402	18
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	30841	21.2230	21
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	685242	17.1604	17
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	389785	17.2720	17
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	418182	17.6884	18
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	467125	17.3940	17
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	149765	16.0571	16
	115 tert-Butylbenzene	119	10.349	10.349	(0.946)	423684	17.5552	18
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	475638	17.5281	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	642941	17.2085	17
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	284069	19.4710	19
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	355579	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	279573	19.0080	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	536625	17.5223	18
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	269233	19.8075	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	152510	12.4731	12(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	529469	17.0054	17
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	21007	16.3526	16
	152 Camphor	95	13.186	13.186	(1.206)	67444	92.1287	92
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	226977	20.6883	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	127059	19.0610	19
	70 Naphthalene	128	13.480	13.480	(1.232)	464263	19.5328	20
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.252)	211705	20.8062	21
M	45 Xylene (Total)	100				626959	58.4572	58

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61808.d
Report Date: 02-Jul-2012 18:34

QC Flag Legend

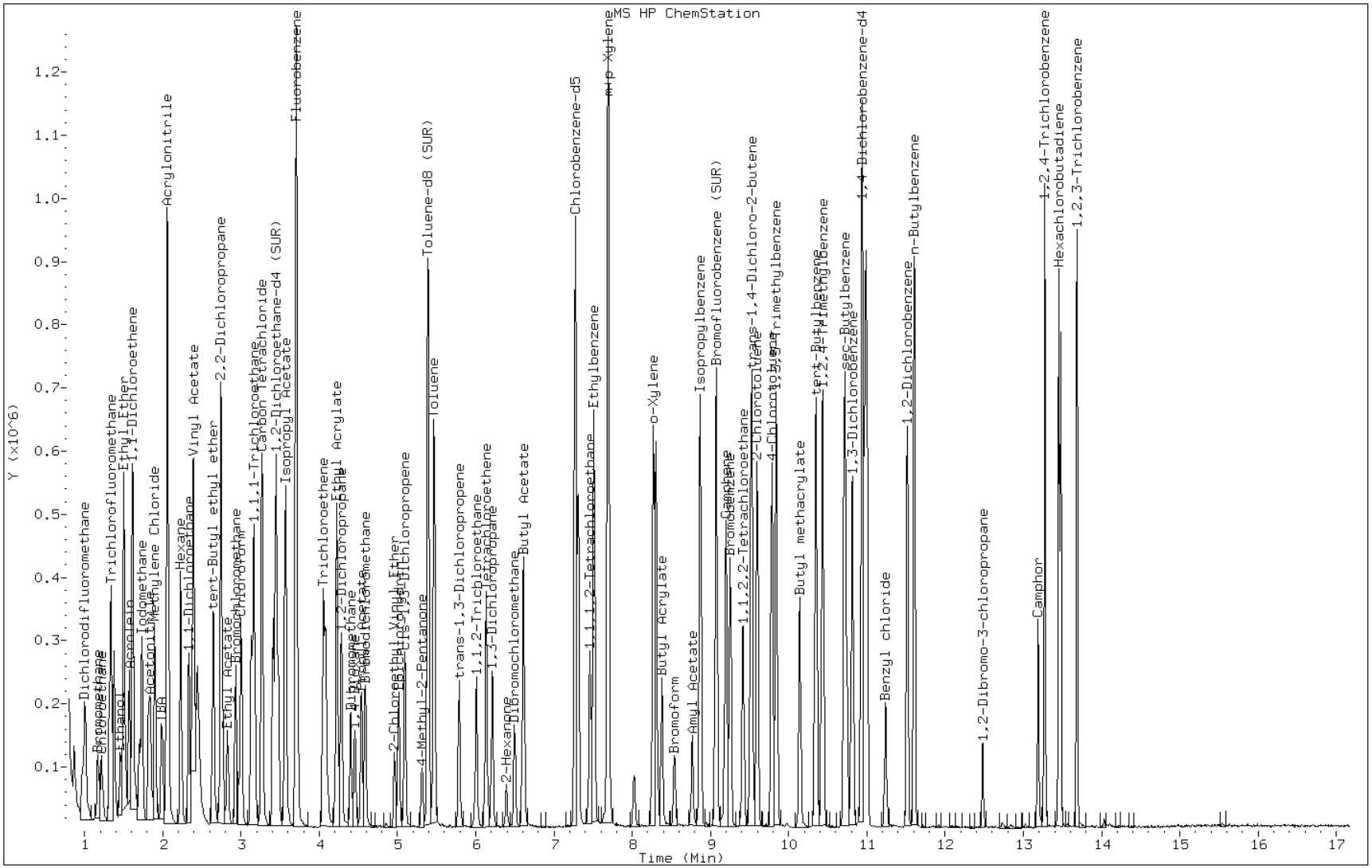
R - Spike/Surrogate failed recovery limits.

Data File: o61808.d

Date: 02-JUL-2012 17:54

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118537/3

Matrix: Solid Lab File ID: e05037.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 07/03/2012 20:56

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 118537 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2000		100	6.2
79-34-5	1,1,2,2-Tetrachloroethane	2070		100	16
79-00-5	1,1,2-Trichloroethane	2080		100	19
75-34-3	1,1-Dichloroethane	1920		100	13
75-35-4	1,1-Dichloroethene	2030		100	8.8
87-61-6	1,2,3-Trichlorobenzene	2190		100	51
120-82-1	1,2,4-Trichlorobenzene	2120		100	34
96-12-8	1,2-Dibromo-3-Chloropropane	2240		100	40
106-93-4	1,2-Dibromoethane	2100		100	28
95-50-1	1,2-Dichlorobenzene	2080		100	21
107-06-2	1,2-Dichloroethane	2080		100	19
78-87-5	1,2-Dichloropropane	2070		100	8.6
541-73-1	1,3-Dichlorobenzene	2070		100	14
106-46-7	1,4-Dichlorobenzene	2050		100	23
123-91-1	1,4-Dioxane	16800		5000	3600
78-93-3	2-Butanone	2130		500	230
591-78-6	2-Hexanone	2310		500	50
108-10-1	4-Methyl-2-pentanone	2190		500	99
67-64-1	Acetone	2050		500	270
71-43-2	Benzene	2070		100	8.3
74-97-5	Bromochloromethane	2120		100	27
75-27-4	Bromodichloromethane	2050		100	13
75-25-2	Bromoform	2040		100	19
74-83-9	Bromomethane	2090		100	18
75-15-0	Carbon disulfide	1950		100	13
56-23-5	Carbon tetrachloride	2090		100	5.7
108-90-7	Chlorobenzene	2060		100	11
75-00-3	Chloroethane	1840		100	17
67-66-3	Chloroform	2050		100	7.9
74-87-3	Chloromethane	2100		100	9.7
156-59-2	cis-1,2-Dichloroethene	2130		100	18
10061-01-5	cis-1,3-Dichloropropene	2010		100	18
110-82-7	Cyclohexane	2160		100	16
124-48-1	Dibromochloromethane	2050		100	20
75-71-8	Dichlorodifluoromethane	2160		100	22
100-41-4	Ethylbenzene	2160		100	9.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118537/3

Matrix: Solid | Lab File ID: e05037.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 07/03/2012 20:56

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	2020		100	8.2
98-82-8	Isopropylbenzene	2110		100	7.7
79-20-9	Methyl acetate	2240		200	34
108-87-2	Methylcyclohexane	2120		100	14
75-09-2	Methylene Chloride	2020		100	18
1634-04-4	MTBE	2030		100	14
100-42-5	Styrene	2130		100	12
127-18-4	Tetrachloroethene	2090		100	9.7
108-88-3	Toluene	2040		100	15
156-60-5	trans-1,2-Dichloroethene	1950		100	13
10061-02-6	trans-1,3-Dichloropropene	2100		100	24
79-01-6	Trichloroethene	2100		100	9.2
75-69-4	Trichlorofluoromethane	2150		100	15
75-01-4	Vinyl chloride	2110		100	14
1330-20-7	Xylenes, Total	6710		300	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-135
460-00-4	Bromofluorobenzene	104		72-133
2037-26-5	Toluene-d8 (Surr)	107		59-150

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05037.d
Report Date: 03-Jul-2012 21:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05037.d
Lab Smp Id: LCS
Inj Date : 03-JUL-2012 20:56
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 03-Jul-2012 20:57 martinez Quant Type: ISTD
Cal Date : 03-JUL-2012 11:51 Cal File: e05014.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	43575	21.6360	2200
3 Chloromethane	50	0.986	0.980	(0.275)	66839	20.9849	2100
4 Vinyl Chloride	62	0.998	0.998	(0.279)	59637	21.1112	2100
6 Bromomethane	94	1.150	1.150	(0.321)	30707	20.8896	2100
5 Chloroethane	64	1.205	1.211	(0.336)	23210	18.3624	1800
8 n-Pentane	72	1.266	1.266	(0.353)	5466	22.8614	2300
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	57353	21.5426	2200
10 Isoprene	67	1.419	1.419	(0.396)	61232	20.8754	2100
11 Ethyl Ether	59	1.437	1.437	(0.401)	39403	20.7406	2100
15 1,1-Dichloroethene	96	1.528	1.528	(0.427)	39842	20.3457	2000
14 Freon TF	101	1.547	1.547	(0.432)	42131	20.2346	2000
18 Carbon Disulfide	76	1.541	1.541	(0.430)	138350	19.5295	2000
17 Iodomethane	142	1.608	1.608	(0.449)	46780	12.1921	1200
9 Ethanol	46	1.547	1.535	(0.432)	36125	2882.65	290000

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05037.d
Report Date: 03-Jul-2012 21:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	13 Acrolein	56	1.705	1.705	(0.476)	14176	36.9498	3700
	22 Methylene Chloride	84	1.839	1.839	(0.513)	55606	20.2222	2000
	16 Acetone	58	1.876	1.870	(0.524)	4291	20.5032	2000
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	48191	19.4783	1900
	27 Methyl Acetate	74	1.943	1.943	(0.542)	9370	22.3677	2200
	29 Hexane	86	1.973	1.974	(0.551)	12507	19.4072	1900
	28 MTBE	73	1.998	1.998	(0.558)	150031	20.3405	2000
	24 TBA	59	2.077	2.077	(0.580)	95611	429.414	43000
	21 Acetonitrile	39	2.132	2.138	(0.595)	24842	453.105	45000
	32 DIPE	45	2.230	2.230	(0.622)	186590	20.0357	2000
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	90799	19.2345	1900
	26 Acrylonitrile	53	2.321	2.321	(0.648)	17713	20.3553	2000
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	82374	17.6932	1800
	35 t-Butyl-ethyl-ether	59	2.461	2.455	(0.687)	166839	20.2930	2000
	34 n-Propanol	42	2.522	2.516	(0.704)	41710	3302.70	330000
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	58459	21.3194	2100
	37 2,2-Dichloropropane	77	2.705	2.705	(0.755)	69829	19.7480	2000
	44 Cyclohexane	56	2.766	2.766	(0.772)	89549	21.5929	2200
	40 Bromochloromethane	128	2.766	2.766	(0.772)	29691	21.2124	2100
	42 Chloroform	83	2.827	2.827	(0.789)	90525	20.5058	2000
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	65938	20.8508	2100
	39 Ethyl Acetate	70	2.931	2.931	(0.818)	11156	47.3655	4700
	41 Tetrahydrofuran	42	2.943	2.943	(0.821)	22314	25.6387	2600
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	76603	19.9687	2000
	46 1,1-Dichloropropene	75	3.059	3.059	(0.854)	80400	20.8443	2100
	38 2-Butanone	72	3.059	3.053	(0.854)	8812	21.2844	2100
	48 Benzene	78	3.242	3.242	(0.467)	223724	20.7332	2100
	51 n-Heptane	57	3.242	3.242	(0.905)	31426	19.9449	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	126727	52.8934	5300
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	157266	22.0336	2200
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	66998	20.7982	2100
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	550479	50.0000	
	61 Isopropyl Acetate	43	3.656	3.656	(1.020)	181231	43.3663	4300
	56 Methyl cyclohexane	83	3.717	3.711	(1.037)	87857	21.2297	2100
	54 Trichloroethene	95	3.729	3.729	(1.041)	56537	20.9974	2100
	58 Dibromomethane	93	4.089	4.089	(1.141)	32361	20.9809	2100
	53 n-Butanol	56	4.107	4.107	(1.146)	90798	1662.28	170000
	57 1,2-Dichloropropane	63	4.186	4.180	(1.168)	57366	20.6884	2100
	55 Ethyl Acrylate	55	4.266	4.260	(1.191)	64194	21.7144	2200
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	70399	20.4604	2000
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	14668	19.8995	2000
	60 1,4-Dioxane	88	4.497	4.479	(1.255)	3953	167.587	17000
	75 Propyl Acetate	43	4.613	4.613	(1.288)	142256	43.7819	4400
	62 2-Chloroethyl Vinyl Ether	63	4.869	4.869	(1.359)	30638	22.7491	2300
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	92459	20.0738	2000
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	499460	53.2977	5300
	66 Toluene	91	5.150	5.150	(0.741)	262740	20.4254	2000

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05037.d
Report Date: 03-Jul-2012 21:15

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	63 Epichlorohydrin	57	5.174	5.174	(0.745)	94838	436.227	44000
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	66991	20.8662	2100
	70 4-Methyl-2-Pentanone	43	5.619	5.619	(0.809)	48903	21.9194	2200
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	82561	20.9750	2100
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	40114	20.7610	2100
	74 Dibromochloromethane	129	6.009	6.009	(0.865)	56566	20.5110	2000
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	86935	20.8478	2100
	77 1,2-Dibromoethane	107	6.259	6.253	(0.901)	50893	20.9859	2100
	76 Butyl Acetate	73	6.613	6.613	(0.952)	29092	44.4077	4400
	73 2-Hexanone	43	6.674	6.674	(0.961)	38859	23.1372	2300
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	445374	50.0000	
	79 Chlorobenzene	112	6.973	6.966	(1.004)	174119	20.5759	2000
	81 Ethylbenzene	106	7.058	7.058	(1.016)	95357	21.5564	2200
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	58480	20.4674	2000
	82 m+p-Xylene	106	7.271	7.271	(1.046)	257607	44.9969	4500
	84 o-Xylene	106	7.856	7.856	(1.131)	122549	22.1396	2200
	86 Bromoform	173	7.911	7.911	(1.139)	40505	20.4285	2000
	85 Styrene	104	7.942	7.942	(1.143)	199284	21.2696	2100
	87 Amyl Acetate	43	8.003	8.003	(0.765)	43205	22.4834	2200
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	43877	19.1039	1900
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	299491	21.0598	2100
	90 Camphene (total)	41	8.460	8.460	(1.218)	18879	21.7725	2200
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	208214	52.1190	5200
	91 Bromobenzene	156	8.814	8.814	(0.842)	81843	20.6483	2100
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	358249	21.2510	2100
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	63156	20.6843	2100
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	212483	21.0588	2100
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	19250	21.2876	2100
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	267626	21.7010	2200
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.368	(0.896)	18283	20.1895	2000
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	224241	20.7281	2100
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	213969	20.9388	2100
	101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	312704	23.7484	2400
	99 Butyl Methacrylate	87	9.923	9.923	(0.948)	86831	21.5167	2200
	103 sec-Butylbenzene	105	10.082	10.082	(0.963)	306355	21.1318	2100
	105 1,3-Dichlorobenzene	146	10.332	10.326	(0.987)	153251	20.7445	2100
	107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	274563	21.4871	2100
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	271547	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	155429	20.4997	2000
	102 2-Octanone	43	10.862	10.862	(1.038)	88655	23.9688	2400
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	117640	20.4694	2000
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	234716	21.4726	2100
	111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	147340	20.8262	2100
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	11472	22.3685	2200
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	102664	21.2201	2100
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	41056	20.1040	2000
	116 Naphthalene	128	13.264	13.264	(1.267)	217854	22.4541	2200

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05037.d
Report Date: 03-Jul-2012 21:15

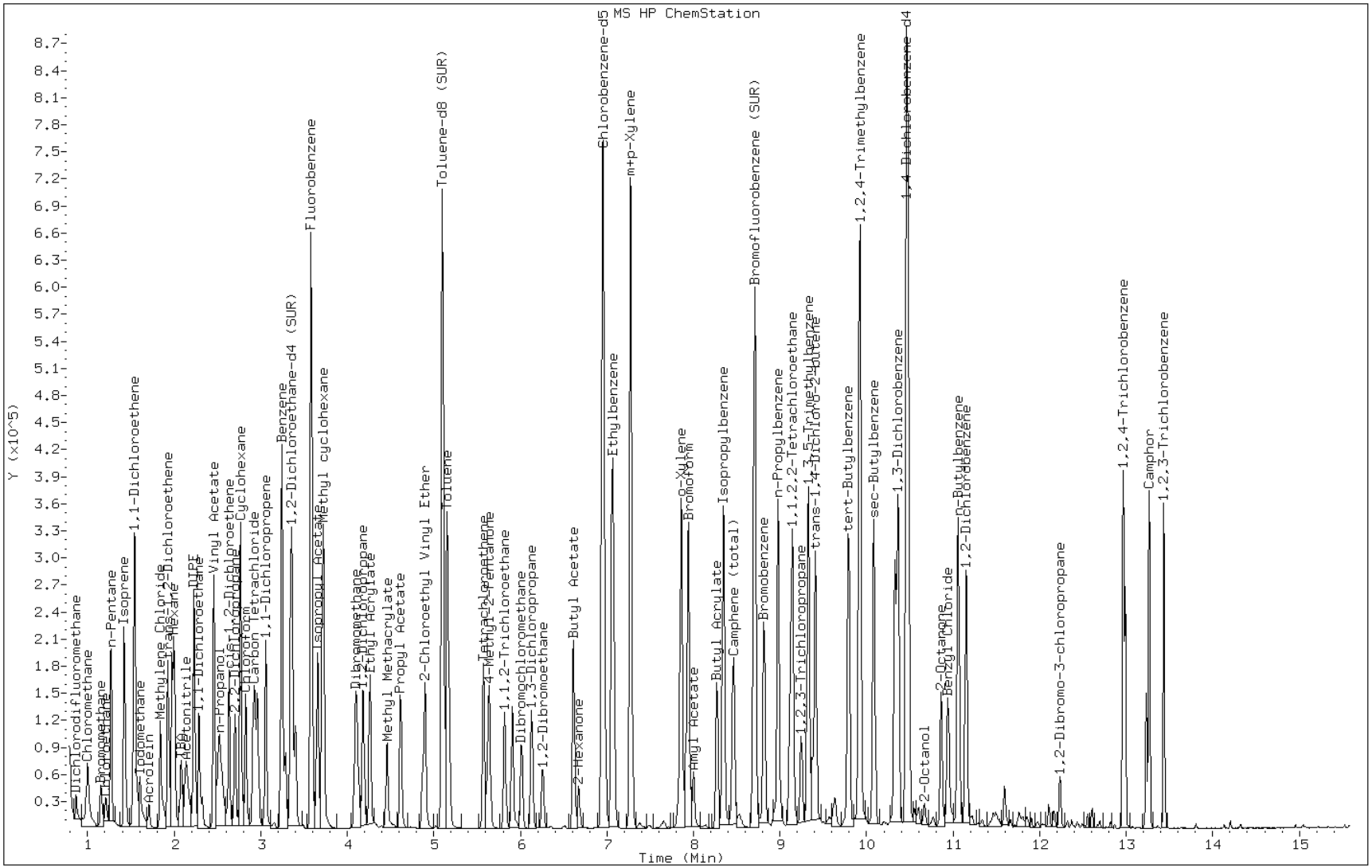
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	89438	21.8600	2200
M 120 1,2-Dichloroethene (Total)	100				106651	40.7977	4100
M 121 Xylene (Total)	100				380157	67.1365	6700

Data File: e05037.d

Date: 03-JUL-2012 20:56

Client ID: Instrument: VOAMS5.i

Sample Info: LCS Operator: VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-117746/4

Matrix: Solid | Lab File ID: o61603.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/27/2012 17:57

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.0		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.14
75-34-3	1,1-Dichloroethane	21.1		1.0	0.11
75-35-4	1,1-Dichloroethene	21.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.1		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	20.9		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.44
106-93-4	1,2-Dibromoethane	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.10
107-06-2	1,2-Dichloroethane	21.3		1.0	0.18
78-87-5	1,2-Dichloropropane	20.5		1.0	0.15
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.11
123-91-1	1,4-Dioxane	137		50	13
78-93-3	2-Butanone	16.5		10	0.63
591-78-6	2-Hexanone	16.5		10	0.13
108-10-1	4-Methyl-2-pentanone	18.1		10	0.20
67-64-1	Acetone	25.0		10	1.7
71-43-2	Benzene	21.1		1.0	0.15
74-97-5	Bromochloromethane	25.9		1.0	0.11
75-27-4	Bromodichloromethane	21.6		1.0	0.32
75-25-2	Bromoform	18.0		1.0	0.17
74-83-9	Bromomethane	22.9		1.0	0.43
75-15-0	Carbon disulfide	20.2		1.0	0.15
56-23-5	Carbon tetrachloride	22.6		1.0	0.15
108-90-7	Chlorobenzene	20.5		1.0	0.18
75-00-3	Chloroethane	21.9		1.0	0.33
67-66-3	Chloroform	22.0		1.0	0.24
74-87-3	Chloromethane	26.3		1.0	0.16
156-59-2	cis-1,2-Dichloroethene	21.7		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	21.2		1.0	0.14
110-82-7	Cyclohexane	20.9		1.0	0.13
124-48-1	Dibromochloromethane	17.3		1.0	0.10
75-71-8	Dichlorodifluoromethane	24.2		1.0	0.22
100-41-4	Ethylbenzene	20.7		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-117746/4

Matrix: Solid | Lab File ID: o61603.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/27/2012 17:57

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.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	22.2		1.0	0.11
98-82-8	Isopropylbenzene	21.1		1.0	0.11
79-20-9	Methyl acetate	20.1		1.0	0.32
108-87-2	Methylcyclohexane	20.7		1.0	0.10
75-09-2	Methylene Chloride	26.5		1.0	0.15
1634-04-4	MTBE	19.2		1.0	0.11
100-42-5	Styrene	20.3		1.0	0.28
127-18-4	Tetrachloroethene	21.9		1.0	0.12
108-88-3	Toluene	19.9		1.0	0.14
156-60-5	trans-1,2-Dichloroethene	22.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	15.6		1.0	0.10
79-01-6	Trichloroethene	22.1		1.0	0.12
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
75-01-4	Vinyl chloride	22.6		1.0	0.34
1330-20-7	Xylenes, Total	60.4		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61603.d
Report Date: 28-Jun-2012 14:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61603.d
Lab Smp Id: LCSD
Inj Date : 27-JUN-2012 17:57
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/8260L_10.m
Meth Date : 28-Jun-2012 14:28 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				289719	44.4387	44
90	Dichlorodifluoromethane	85	0.866	0.866	(0.234)	195439	24.2023	24
1	Chloromethane	50	0.980	0.980	(0.265)	209554	26.2990	26
4	Vinyl Chloride	62	1.009	1.009	(0.273)	198997	22.6011	23
3	Bromomethane	94	1.159	1.167	(0.313)	107436	22.9494	23
5	Chloroethane	64	1.209	1.217	(0.327)	107569	21.8696	22
9	Trichlorofluoromethane	101	1.338	1.338	(0.362)	279064	22.4914	22
127	Ethanol	46	1.460	1.460	(0.394)	91644	2702.03	2700
46	Ethyl Ether	59	1.496	1.496	(0.404)	92979	19.7245	20
119	Isoprene	67	1.503	1.496	(0.406)	172359	20.0686	20
47	Acrolein	56	1.568	1.568	(0.423)	210030	264.550	260
10	1,1-Dichloroethene	96	1.611	1.611	(0.435)	113065	21.6921	22
48	Freon TF	101	1.611	1.611	(0.435)	137150	22.1576	22
7	Acetone	43	1.661	1.661	(0.449)	36364	24.9638	25

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61603.d
Report Date: 28-Jun-2012 14:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
142	Iodomethane	142	1.704	1.697	(0.460)	168416	22.9321	23
8	Carbon Disulfide	76	1.732	1.732	(0.468)	373343	20.1800	20
50	Acetonitrile	41	1.818	1.826	(0.491)	315856	468.583	470
125	Methyl acetate	74	1.840	1.840	(0.497)	17625	20.0516	20
6	Methylene Chloride	84	1.897	1.897	(0.512)	142455	26.5258	26
51	TBA	59	1.990	1.990	(0.538)	200314	336.240	340
52	Acrylonitrile	53	2.055	2.055	(0.555)	281531	135.710	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	139651	22.7740	23
53	MTBE	73	2.062	2.062	(0.557)	286905	19.1581	19
54	Hexane	56	2.227	2.227	(0.601)	113001	20.3945	20
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	260792	21.0833	21
57	Vinyl Acetate	43	2.384	2.377	(0.644)	336483	17.8718	18
55	DIPE	45	2.384	2.384	(0.644)	370562	18.6691	19
149	tert-Butyl ethyl ether	59	2.649	2.642	(0.716)	316037	18.9484	19
157	Dichlorofluoromethane	67	1.317	1.317	(0.356)	288387	21.6825	22
104	2,2-Dichloropropane	77	2.742	2.735	(0.741)	226700	21.1107	21
13	cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	150068	21.6647	22
18	2-Butanone	72	2.778	2.778	(0.750)	9947	16.5115	16
56	Ethyl Acetate	70	2.828	2.828	(0.764)	15084	34.0829	34
108	Bromochloromethane	128	2.929	2.929	(0.791)	64735	25.9475	26(R)
15	Chloroform	83	3.000	3.000	(0.810)	248672	21.9554	22
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	224542	22.9654	23
59	Cyclohexane	56	3.165	3.165	(0.855)	269844	20.9450	21
21	Carbon Tetrachloride	117	3.265	3.258	(0.882)	171166	22.6412	23
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	204897	21.9756	22
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	218110	51.7689	52
28	Benzene	78	3.444	3.444	(0.930)	506368	21.1059	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	167040	21.2606	21
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	382644	36.2218	36
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	236270	18.3974	18
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	851765	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	130161	22.1383	22
63	n-Butanol	43	4.089	4.082	(1.104)	108629	1251.55	1200
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	4748	18.8420	19(M)
126	Methyl cyclohexane	83	4.225	4.218	(1.141)	231159	20.6902	21
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	123418	20.5015	20
109	Dibromomethane	93	4.397	4.397	(1.188)	67414	21.2785	21
95	1,4-Dioxane	88	4.462	4.454	(1.205)	9180	136.680	140
146	Methyl methacrylate	69	4.454	4.454	(1.203)	54590	18.3566	18
64	Propyl Acetate	43	4.540	4.540	(1.226)	239564	37.4099	37
22	Bromodichloromethane	83	4.590	4.583	(1.240)	153768	21.6017	22
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	51706	19.1026	19
118	Epichlorohydrin	57	5.013	5.013	(1.354)	192122	367.338	370
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	175167	21.1516	21
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	79001	18.0645	18
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	689878	48.7037	49
38	Toluene	91	5.464	5.464	(0.752)	557711	19.8708	20

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61603.d
Report Date: 28-Jun-2012 14:31

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	29	trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	137330	15.5996	16
	27	1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	74981	19.2476	19
	35	Tetrachloroethene	166	6.130	6.131	(0.843)	141653	21.9156	22
	103	1,3-Dichloropropane	76	6.209	6.209	(0.854)	162818	18.8090	19
	34	2-Hexanone	43	6.396	6.388	(0.880)	58771	16.4565	16
	26	Dibromochloromethane	129	6.496	6.496	(0.894)	93117	17.2544	17
	65	Butyl Acetate	43	6.610	6.610	(0.909)	285507	34.0559	34
	66	1,2-Dibromoethane	107	6.610	6.610	(0.909)	86291	19.5660	20
*	32	Chlorobenzene-d5	117	7.269	7.269	(1.000)	643118	50.0000	
	39	Chlorobenzene	112	7.312	7.312	(1.006)	343329	20.5414	20
	97	1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	95439	17.3945	17
	40	Ethylbenzene	106	7.513	7.513	(1.034)	190581	20.6780	21
	43	m+p-Xylene	106	7.692	7.692	(1.058)	478811	40.5390	40
	44	o-Xylene	106	8.272	8.272	(1.138)	222397	19.8448	20
	42	Styrene	104	8.308	8.301	(1.143)	389601	20.3068	20
	147	Butyl Acrylate	55	8.380	8.380	(0.766)	188566	16.9678	17
	31	Bromoform	173	8.544	8.537	(1.175)	53035	18.0298	18
	145	Amyl Acetate	43	8.766	8.767	(1.206)	107298	17.7030	18
	110	Isopropylbenzene	105	8.867	8.867	(1.220)	658415	21.0871	21
$	41	Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	252978	50.6786	51
	150	Camphene	41	9.196	9.196	(0.841)	66331	17.2592	17
	107	Bromobenzene	156	9.254	9.254	(0.846)	146378	19.9498	20
	36	1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	117314	18.3371	18
	99	1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	34239	18.4955	18
	143	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	33278	19.9186	20
	112	n-Propylbenzene	91	9.526	9.526	(0.871)	811618	19.6842	20
	105	2-Chlorotoluene	91	9.597	9.597	(0.878)	448326	19.2395	19
	106	4-Chlorotoluene	91	9.791	9.784	(0.895)	463227	18.9758	19
	102	1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	537800	19.3942	19
	148	Butyl methacrylate	69	10.142	10.142	(0.927)	169393	17.5887	18
	115	tert-Butylbenzene	119	10.350	10.350	(0.946)	488441	19.6002	20
	100	1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	541329	19.3198	19
	114	sec-Butylbenzene	105	10.715	10.715	(0.980)	764747	19.8232	20
	67	1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	300971	19.9790	20
*	91	1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	367157	50.0000	
	68	1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	302039	19.8879	20
	113	p-Isopropyltoluene	119	10.994	10.994	(1.005)	628758	19.8832	20
	69	1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	284687	20.2839	20
	117	Benzyl chloride	91	11.238	11.238	(1.028)	159573	12.6388	13(R)
	111	n-Butylbenzene	91	11.603	11.603	(1.061)	643187	20.0063	20
	101	1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	22816	17.1999	17
	152	Camphor	95	13.186	13.186	(1.206)	69008	91.2919	91
	93	1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	237326	20.9494	21
	94	Hexachlorobutadiene	225	13.451	13.451	(1.230)	149988	21.7912	22
	70	Naphthalene	128	13.480	13.480	(1.232)	462092	18.8284	19
	98	1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	211052	20.0879	20
M	45	Xylene (Total)	100				701208	60.3986	60

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61603.d
Report Date: 28-Jun-2012 14:31

QC Flag Legend

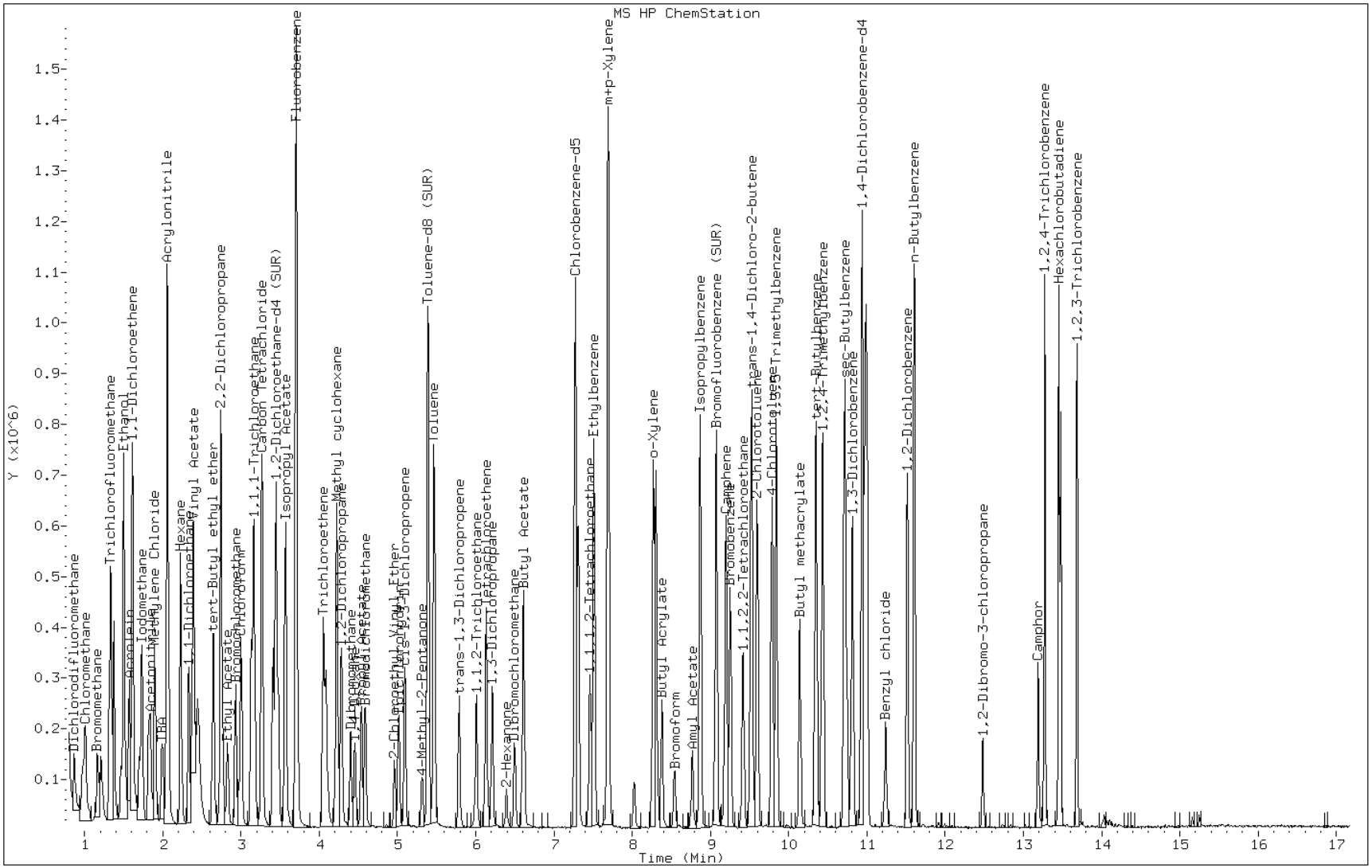
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: o61603.d

Date: 27-JUN-2012 17:57

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-118368/4

Matrix: Solid | Lab File ID: o61809.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 18:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	17.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.14
75-34-3	1,1-Dichloroethane	20.8		1.0	0.11
75-35-4	1,1-Dichloroethene	20.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	21.0		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	16.0		1.0	0.44
106-93-4	1,2-Dibromoethane	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.6		1.0	0.10
107-06-2	1,2-Dichloroethane	21.7		1.0	0.18
78-87-5	1,2-Dichloropropane	20.5		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.11
123-91-1	1,4-Dioxane	166		50	13
78-93-3	2-Butanone	17.8		10	0.63
591-78-6	2-Hexanone	16.6		10	0.13
108-10-1	4-Methyl-2-pentanone	17.9		10	0.20
67-64-1	Acetone	26.3		10	1.7
71-43-2	Benzene	21.4		1.0	0.15
74-97-5	Bromochloromethane	26.8		1.0	0.11
75-27-4	Bromodichloromethane	23.0		1.0	0.32
75-25-2	Bromoform	18.7		1.0	0.17
74-83-9	Bromomethane	21.9		1.0	0.43
75-15-0	Carbon disulfide	19.4		1.0	0.15
56-23-5	Carbon tetrachloride	22.4		1.0	0.15
108-90-7	Chlorobenzene	20.1		1.0	0.18
75-00-3	Chloroethane	20.8		1.0	0.33
67-66-3	Chloroform	21.8		1.0	0.24
74-87-3	Chloromethane	25.6		1.0	0.16
156-59-2	cis-1,2-Dichloroethene	22.4		1.0	0.11
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.14
110-82-7	Cyclohexane	18.6		1.0	0.13
124-48-1	Dibromochloromethane	17.5		1.0	0.10
75-71-8	Dichlorodifluoromethane	20.5		1.0	0.22
100-41-4	Ethylbenzene	19.8		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-118368/4

Matrix: Solid | Lab File ID: o61809.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2012 18:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 118368 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	21.3		1.0	0.11
98-82-8	Isopropylbenzene	19.7		1.0	0.11
79-20-9	Methyl acetate	23.8		1.0	0.32
108-87-2	Methylcyclohexane	19.6		1.0	0.10
75-09-2	Methylene Chloride	26.8		1.0	0.15
1634-04-4	MTBE	20.4		1.0	0.11
100-42-5	Styrene	19.7		1.0	0.28
127-18-4	Tetrachloroethene	21.2		1.0	0.12
108-88-3	Toluene	19.0		1.0	0.14
156-60-5	trans-1,2-Dichloroethene	22.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	15.7		1.0	0.10
79-01-6	Trichloroethene	21.8		1.0	0.12
75-69-4	Trichlorofluoromethane	19.7		1.0	0.16
75-01-4	Vinyl chloride	20.5		1.0	0.34
1330-20-7	Xylenes, Total	58.7		3.0	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61809.d
Report Date: 02-Jul-2012 18:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61809.d
Lab Smp Id: LCSD
Inj Date : 02-JUL-2012 18:19
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/8260L_10.m
Meth Date : 02-Jul-2012 18:27 martinez Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 3 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				260713	44.5259	44
90	Dichlorodifluoromethane	85	0.866	0.866	(0.233)	148405	20.5005	20
1	Chloromethane	50	0.980	0.987	(0.264)	183157	25.6411	26
4	Vinyl Chloride	62	1.009	1.009	(0.272)	161804	20.4996	20
3	Bromomethane	94	1.167	1.166	(0.314)	92054	21.9350	22
5	Chloroethane	64	1.217	1.217	(0.328)	91719	20.8012	21
9	Trichlorofluoromethane	101	1.338	1.338	(0.361)	218570	19.6506	20
127	Ethanol	46	1.460	1.453	(0.394)	86764	2853.64	2800
46	Ethyl Ether	59	1.496	1.496	(0.403)	88132	20.8559	21
119	Isoprene	67	1.503	1.503	(0.405)	147506	19.1587	19
47	Acrolein	56	1.568	1.568	(0.423)	172406	242.244	240
10	1,1-Dichloroethene	96	1.611	1.611	(0.434)	97021	20.7640	21
48	Freon TF	101	1.611	1.611	(0.434)	117926	21.2525	21
7	Acetone	43	1.654	1.661	(0.446)	34320	26.2824	26

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61809.d
Report Date: 02-Jul-2012 18:48

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	1.704	1.704	(0.459)	158498	24.0744	24
8	Carbon Disulfide	76	1.732	1.732	(0.467)	321023	19.3563	19
50	Acetonitrile	41	1.818	1.818	(0.490)	285072	471.762	470
125	Methyl acetate	74	1.840	1.840	(0.496)	18779	23.8323	24
6	Methylene Chloride	84	1.897	1.897	(0.511)	129067	26.8089	27
51	TBA	59	1.983	1.983	(0.535)	190879	357.411	360
52	Acrylonitrile	53	2.055	2.055	(0.554)	267323	143.745	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	121706	22.1401	22
53	MTBE	73	2.062	2.062	(0.556)	274392	20.4389	20
54	Hexane	56	2.227	2.227	(0.600)	93307	18.7852	19
11	1,1-Dichloroethane	63	2.334	2.334	(0.629)	230882	20.8212	21
57	Vinyl Acetate	43	2.384	2.384	(0.643)	302177	17.9035	18
55	DIPE	45	2.384	2.384	(0.643)	341070	19.1680	19
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	295510	19.7642	20
157	Dichlorofluoromethane	67	1.317	1.317	(0.355)	242452	20.3344	20
104	2,2-Dichloropropane	77	2.742	2.742	(0.739)	197330	20.4983	20
13	cis-1,2-Dichloroethene	96	2.750	2.742	(0.741)	139007	22.3858	22
18	2-Butanone	72	2.778	2.778	(0.749)	9638	17.8469	18
56	Ethyl Acetate	70	2.828	2.828	(0.762)	14604	36.8107	37
108	Bromochloromethane	128	2.929	2.929	(0.790)	59987	26.8217	27(R)
15	Chloroform	83	3.000	3.000	(0.809)	221441	21.8094	22
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	194399	22.1790	22
59	Cyclohexane	56	3.165	3.165	(0.853)	214818	18.5999	18
21	Carbon Tetrachloride	117	3.265	3.265	(0.880)	151891	22.4123	22
92	1,1-Dichloropropene	75	3.265	3.265	(0.880)	170862	20.4419	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	195921	51.8736	52
28	Benzene	78	3.444	3.444	(0.929)	461133	21.4405	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.936)	152722	21.6835	22
61	Isopropyl Acetate	43	3.566	3.566	(0.961)	353818	37.3617	37
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	229456	19.9306	20
* 69	Fluorobenzene	96	3.709	3.702	(1.000)	763570	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.093)	114647	21.7519	22
63	n-Butanol	43	4.082	4.082	(1.100)	106564	1369.57	1400
96	Ethyl Acrylate	85	4.211	4.218	(1.135)	4523	20.0201	20
126	Methyl cyclohexane	83	4.225	4.225	(1.139)	196131	19.5827	20
23	1,2-Dichloropropane	63	4.282	4.282	(1.154)	110497	20.4753	20
109	Dibromomethane	93	4.397	4.397	(1.185)	64518	22.7167	23
95	1,4-Dioxane	88	4.454	4.454	(1.201)	9997	166.050	170
146	Methyl methacrylate	69	4.454	4.454	(1.201)	50322	18.8760	19
64	Propyl Acetate	43	4.540	4.540	(1.224)	215209	37.4884	37
22	Bromodichloromethane	83	4.591	4.590	(1.238)	146988	23.0343	23
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	50042	20.6236	21
118	Epichlorohydrin	57	5.013	5.013	(1.351)	180743	385.498	380
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	162834	21.9335	22
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	70103	17.8815	18
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	645886	47.8055	48
38	Toluene	91	5.464	5.464	(0.752)	508905	19.0098	19

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61809.d
Report Date: 02-Jul-2012 18:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	131865	15.7039	16
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	69179	18.6180	19
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	130586	21.1816	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	151495	18.3483	18
	34 2-Hexanone	43	6.388	6.388	(0.879)	56472	16.5783	16
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	90004	17.4844	17
	65 Butyl Acetate	43	6.610	6.610	(0.909)	260516	32.5794	32
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	82487	19.6092	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	613420	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	320470	20.1020	20
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.463	(1.027)	92038	17.5861	18
	40 Ethylbenzene	106	7.513	7.513	(1.034)	173803	19.7706	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	436580	38.7530	39
	44 o-Xylene	106	8.272	8.272	(1.138)	213654	19.9877	20
	42 Styrene	104	8.308	8.308	(1.143)	360490	19.6992	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	173484	15.6097	16
	31 Bromoform	173	8.537	8.537	(1.174)	52551	18.7262	19
	145 Amyl Acetate	43	8.767	8.766	(1.206)	99478	17.2074	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	586391	19.6896	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	251130	50.3049	50
	150 Camphene	41	9.196	9.196	(0.841)	54252	14.1154	14
	107 Bromobenzene	156	9.254	9.254	(0.846)	143175	19.5120	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	109273	17.0791	17
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	30846	16.6617	17
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	30619	20.4440	20
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	718911	17.4346	17
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	403986	17.3355	17
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	414388	16.9740	17
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	485151	17.4944	17
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	154993	16.0924	16
	115 tert-Butylbenzene	119	10.350	10.349	(0.946)	442227	17.7444	18
	100 1,2,4-Trimethylbenzene	105	10.436	10.435	(0.954)	499224	17.8159	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	663596	17.2001	17
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	285568	18.9552	19
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	367182	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	286611	18.8707	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	562519	17.7873	18
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	274919	19.5866	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	149987	11.8802	12(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	556420	17.3062	17
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	21232	16.0053	16
	152 Camphor	95	13.186	13.186	(1.206)	67205	88.9017	89
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	237806	20.9903	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	135277	19.6527	20
	70 Naphthalene	128	13.480	13.480	(1.232)	474200	19.3204	19
	98 1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	214987	20.4610	20
M	45 Xylene (Total)	100				650235	58.7195	59

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b/o61809.d
Report Date: 02-Jul-2012 18:48

QC Flag Legend

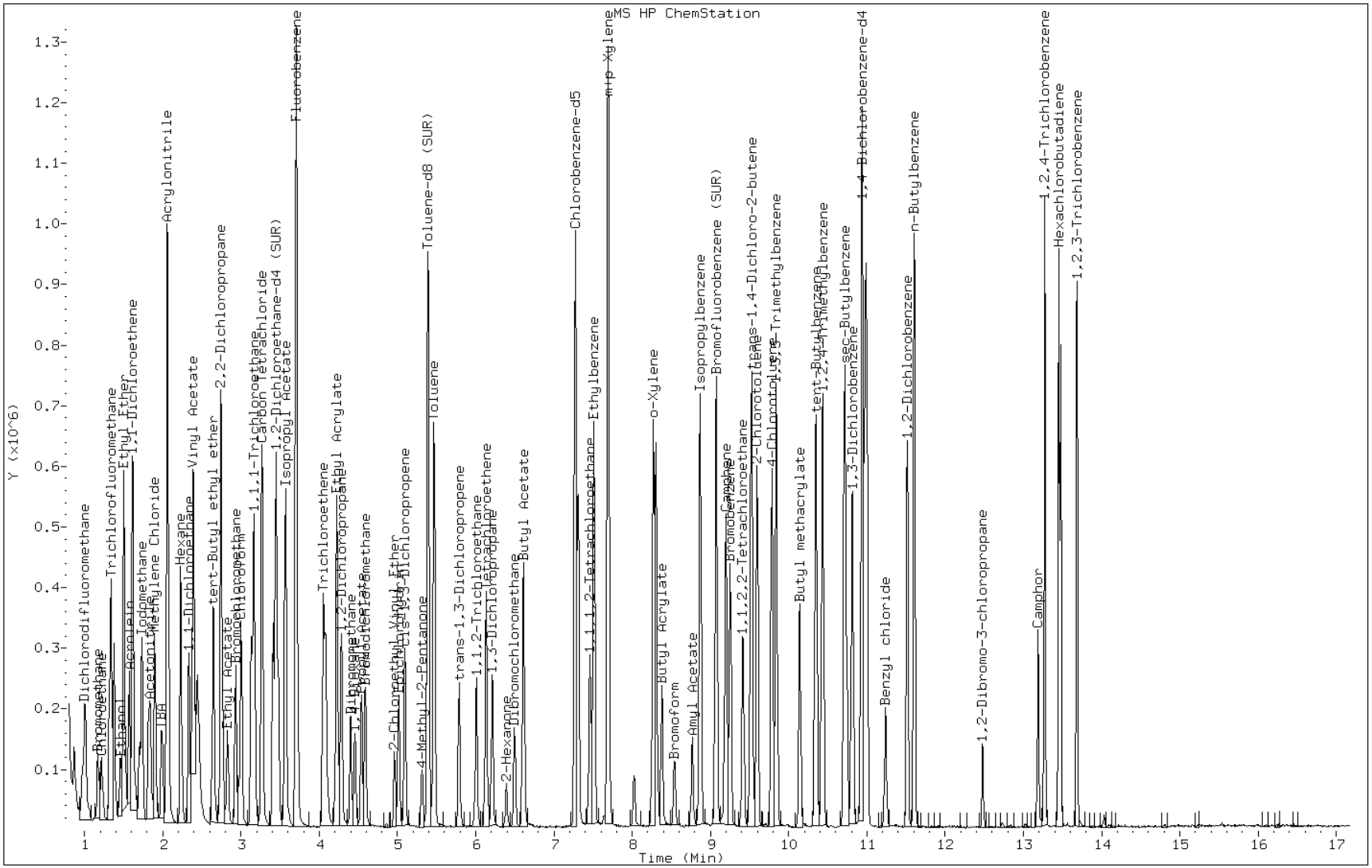
R - Spike/Surrogate failed recovery limits.

Data File: o61809.d

Date: 02-JUL-2012 18:19

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: o61794.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.42(g) | Date Analyzed: 07/02/2012 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.7		1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.1	0.098
79-00-5	1,1,2-Trichloroethane	19.0		1.1	0.15
75-34-3	1,1-Dichloroethane	22.1		1.1	0.12
75-35-4	1,1-Dichloroethene	22.3		1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	14.0		1.1	0.17
120-82-1	1,2,4-Trichlorobenzene	13.9		1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		1.1	0.48
106-93-4	1,2-Dibromoethane	19.1		1.1	0.16
95-50-1	1,2-Dichlorobenzene	16.7		1.1	0.11
107-06-2	1,2-Dichloroethane	21.7		1.1	0.20
78-87-5	1,2-Dichloropropane	21.1		1.1	0.16
541-73-1	1,3-Dichlorobenzene	16.2		1.1	0.17
106-46-7	1,4-Dichlorobenzene	16.2		1.1	0.12
123-91-1	1,4-Dioxane	189		55	14
78-93-3	2-Butanone	25.1		11	0.69
591-78-6	2-Hexanone	15.8		11	0.14
108-10-1	4-Methyl-2-pentanone	20.0		11	0.22
67-64-1	Acetone	39.6		11	1.8
71-43-2	Benzene	21.4		1.1	0.16
74-97-5	Bromochloromethane	26.7		1.1	0.12
75-27-4	Bromodichloromethane	22.2		1.1	0.35
75-25-2	Bromoform	17.5		1.1	0.19
74-83-9	Bromomethane	20.0		1.1	0.47
75-15-0	Carbon disulfide	15.6		1.1	0.16
56-23-5	Carbon tetrachloride	21.1		1.1	0.16
108-90-7	Chlorobenzene	18.7		1.1	0.20
75-00-3	Chloroethane	21.4		1.1	0.36
67-66-3	Chloroform	23.6		1.1	0.26
74-87-3	Chloromethane	23.0		1.1	0.17
156-59-2	cis-1,2-Dichloroethene	21.6		1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	19.0		1.1	0.15
110-82-7	Cyclohexane	18.3		1.1	0.14
124-48-1	Dibromochloromethane	16.4		1.1	0.11
75-71-8	Dichlorodifluoromethane	18.8		1.1	0.24
100-41-4	Ethylbenzene	18.9		1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: o61794.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.42(g) | Date Analyzed: 07/02/2012 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	24.0		1.1	0.12
98-82-8	Isopropylbenzene	18.1		1.1	0.12
79-20-9	Methyl acetate	48.3		1.1	0.35
108-87-2	Methylcyclohexane	16.7		1.1	0.11
75-09-2	Methylene Chloride	26.2		1.1	0.16
1634-04-4	MTBE	21.0		1.1	0.12
100-42-5	Styrene	17.8		1.1	0.31
127-18-4	Tetrachloroethene	19.3		1.1	0.13
108-88-3	Toluene	18.1		1.1	0.15
156-60-5	trans-1,2-Dichloroethene	20.9		1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	14.1		1.1	0.11
79-01-6	Trichloroethene	21.4		1.1	0.13
75-69-4	Trichlorofluoromethane	20.4		1.1	0.17
75-01-4	Vinyl chloride	20.7		1.1	0.37
1330-20-7	Xylenes, Total	54.5		3.3	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61794.d
Report Date: 02-Jul-2012 16:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61794.d
Lab Smp Id: 460-41730-B-5-B MS Client Smp ID: SF-29
Inj Date : 02-JUL-2012 12:01
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-5-B MS;;;5.42;5
Misc Info : 460-41730-B-5-B MS
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 16 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.42000	Weight of sample extracted (g)
M	15.50802	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				215040	38.9371	42
90	Dichlorodifluoromethane	85	0.866	0.866	(0.233)	117628	17.2373	19
1	Chloromethane	50	0.980	0.973	(0.264)	141967	21.0836	23
4	Vinyl Chloride	62	1.009	1.009	(0.272)	140863	18.9318	21
3	Bromomethane	94	1.166	1.166	(0.314)	72573	18.3447	20
5	Chloroethane	64	1.217	1.217	(0.328)	81633	19.6398	21
9	Trichlorofluoromethane	101	1.338	1.338	(0.361)	196193	18.7115	20
127	Ethanol	46	1.453	1.460	(0.392)	84398	2944.64	3200
46	Ethyl Ether	59	1.496	1.496	(0.403)	81688	20.5067	22
119	Isoprene	67	1.503	1.503	(0.405)	140651	19.3794	21
47	Acrolein	56	1.568	1.568	(0.423)	77916	116.137	130
10	1,1-Dichloroethene	96	1.618	1.611	(0.436)	90038	20.4415	22
48	Freon TF	101	1.618	1.611	(0.436)	115127	22.0099	24
7	Acetone	43	1.654	1.654	(0.446)	44663	36.2828	40(R)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61794.d
Report Date: 02-Jul-2012 16:50

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	1.704	1.704	(0.459)	125278	20.1860	22
8	Carbon Disulfide	76	1.732	1.732	(0.467)	224003	14.3279	16(R)
50	Acetonitrile	41	1.818	1.825	(0.490)	259451	455.478	500
125	Methyl acetate	74	1.840	1.840	(0.496)	32838	44.2089	48(R)
6	Methylene Chloride	84	1.897	1.897	(0.511)	108968	24.0108	26
51	TBA	59	1.983	1.983	(0.535)	182516	362.537	400
52	Acrylonitrile	53	2.055	2.055	(0.554)	234016	133.489	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	99386	19.1795	21
53	MTBE	73	2.062	2.062	(0.556)	243752	19.2609	21
54	Hexane	56	2.227	2.227	(0.600)	55842	11.9263	13(R)
11	1,1-Dichloroethane	63	2.334	2.334	(0.629)	211878	20.2695	22
57	Vinyl Acetate	43	2.384	2.384	(0.643)	226369	14.2277	16
55	DIPE	45	2.384	2.384	(0.643)	319371	19.0402	21
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	264653	18.7769	20
157	Dichlorofluoromethane	67	1.317	1.317	(0.355)	214478	19.0823	21
104	2,2-Dichloropropane	77	2.742	2.742	(0.739)	163622	18.0305	20
13	cis-1,2-Dichloroethene	96	2.749	2.749	(0.741)	115653	19.7577	22
18	2-Butanone	72	2.771	2.771	(0.747)	11700	22.9824	25
56	Ethyl Acetate	70	2.828	2.821	(0.762)	10652	28.4818	31
108	Bromochloromethane	128	2.929	2.929	(0.790)	51499	24.4272	27
15	Chloroform	83	3.000	3.000	(0.809)	207186	21.6466	24
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	171809	20.7939	23
59	Cyclohexane	56	3.165	3.165	(0.853)	182038	16.7203	18
21	Carbon Tetrachloride	117	3.265	3.265	(0.880)	123611	19.3488	21
92	1,1-Dichloropropene	75	3.272	3.265	(0.882)	131871	16.7366	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	196083	55.0739	60
28	Benzene	78	3.444	3.444	(0.929)	398142	19.6377	21
17	1,2-Dichloroethane	62	3.480	3.473	(0.938)	132189	19.9097	22
61	Isopropyl Acetate	43	3.566	3.566	(0.961)	272727	30.5503	33
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	208881	19.2469	21
* 69	Fluorobenzene	96	3.709	3.702	(1.000)	719792	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.093)	97310	19.5855	21
63	n-Butanol	43	4.082	4.082	(1.100)	89457	1219.63	1300
96	Ethyl Acrylate	85	4.454	4.211	(1.201)	4394	20.6315	22
126	Methyl cyclohexane	83	4.225	4.225	(1.139)	144305	15.2845	17(R)
23	1,2-Dichloropropane	63	4.282	4.282	(1.154)	98464	19.3553	21
109	Dibromomethane	93	4.404	4.397	(1.187)	54428	20.3295	22
95	1,4-Dioxane	88	4.461	4.454	(1.203)	9841	173.393	190
146	Methyl methacrylate	69	4.454	4.454	(1.201)	48374	19.2489	21
64	Propyl Acetate	43	4.540	4.540	(1.224)	141418	26.1327	28(R)
22	Bromodichloromethane	83	4.590	4.583	(1.238)	122209	20.3160	22
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	41120	17.9771	20
118	Epichlorohydrin	57	5.013	5.013	(1.351)	150316	340.101	370
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	121969	17.4283	19
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	67798	18.3453	20
$ 37	Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	604040	47.0965	51
38	Toluene	91	5.464	5.464	(0.752)	420155	16.5330	18

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61794.d
Report Date: 02-Jul-2012 16:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	102974	12.9215	14(R)
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	61362	17.3964	19
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	103499	17.6849	19
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	130108	16.5997	18
	34 2-Hexanone	43	6.388	6.388	(0.879)	46719	14.4480	16
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	73190	14.9830	16
	65 Butyl Acetate	43	6.610	6.610	(0.909)	158957	20.9407	23(R)
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	69909	17.5069	19
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	582314	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	259248	17.1305	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	77330	15.5718	17
	40 Ethylbenzene	106	7.513	7.506	(1.034)	144400	17.3034	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	353362	33.0417	36
	44 o-Xylene	106	8.272	8.272	(1.138)	171127	16.8644	18
	42 Styrene	104	8.308	8.308	(1.143)	282947	16.2878	18(R)
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	117043	11.1971	12(R)
	31 Bromoform	173	8.537	8.537	(1.174)	42632	16.0166	17
	145 Amyl Acetate	43	8.766	8.766	(1.206)	55099	10.0400	11
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	469876	16.6201	18
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	240748	51.2743	56
	150 Camphene	41	9.196	9.196	(0.841)	45200	12.5037	14
	107 Bromobenzene	156	9.253	9.254	(0.846)	109506	15.8671	17(R)
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	95595	15.8859	17
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	27710	15.9141	17(R)
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	24274	17.1936	19
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	551419	14.2181	16(R)
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	307993	14.0520	15(R)
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	320705	13.9671	15(R)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	368192	14.1163	15(R)
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	108671	11.9964	13(R)
	115 tert-Butylbenzene	119	10.349	10.349	(0.946)	348247	14.8569	16(R)
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	372110	14.1191	15(R)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	497843	13.7197	15(R)
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	210072	14.8256	16(R)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	345348	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	212352	14.8654	16(R)
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	417061	14.0216	15(R)
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	201572	15.2690	17(R)
	117 Benzyl chloride	91	11.238	11.238	(1.028)	96771	8.15469	8.9(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	380786	12.5923	14(R)
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	17253	13.8280	15(R)
	152 Camphor	95	13.186	13.186	(1.206)	53574	75.3503	82
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	135626	12.7281	14(R)
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	75372	11.6421	13(R)
	70 Naphthalene	128	13.480	13.480	(1.232)	362738	15.7135	17
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.252)	127032	12.8544	14(R)
M	45 Xylene (Total)	100				524489	49.8942	54

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61794.d
Report Date: 02-Jul-2012 16:50

QC Flag Legend

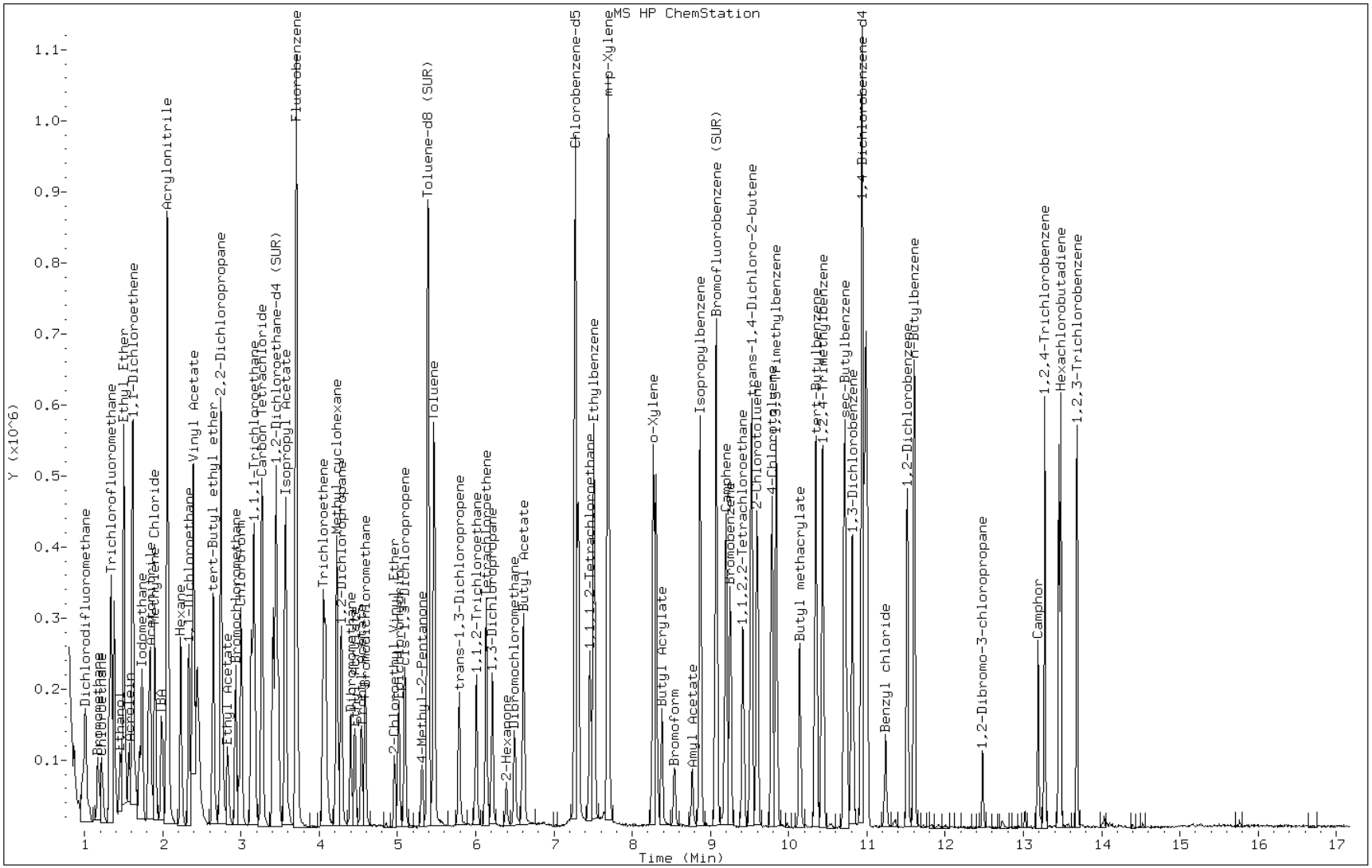
R - Spike/Surrogate failed recovery limits.

Data File: o61794.d

Date: 02-JUL-2012 12:01

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-B-5-B MS;;;5.42;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: e05043.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 3.30(g) | Date Analyzed: 07/03/2012 23:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	7030		760	48
79-34-5	1,1,2,2-Tetrachloroethane	26100		760	120
79-00-5	1,1,2-Trichloroethane	10200		760	140
75-34-3	1,1-Dichloroethane	7210		760	100
75-35-4	1,1-Dichloroethene	7770		760	68
87-61-6	1,2,3-Trichlorobenzene	7700		760	390
120-82-1	1,2,4-Trichlorobenzene	7730		760	260
96-12-8	1,2-Dibromo-3-Chloropropane	7840		760	310
106-93-4	1,2-Dibromoethane	7430		760	210
95-50-1	1,2-Dichlorobenzene	8480		760	160
107-06-2	1,2-Dichloroethane	7570		760	140
78-87-5	1,2-Dichloropropane	7690		760	66
541-73-1	1,3-Dichlorobenzene	7490		760	100
106-46-7	1,4-Dichlorobenzene	8670		760	180
123-91-1	1,4-Dioxane	43900		38000	28000
78-93-3	2-Butanone	8400		3800	1800
591-78-6	2-Hexanone	8630		3800	380
108-10-1	4-Methyl-2-pentanone	13900		3800	750
67-64-1	Acetone	10600		3800	2000
71-43-2	Benzene	7470		760	63
74-97-5	Bromochloromethane	7560		760	210
75-27-4	Bromodichloromethane	7210		760	96
75-25-2	Bromoform	6610		760	150
74-83-9	Bromomethane	6180		760	140
75-15-0	Carbon disulfide	7570		760	96
56-23-5	Carbon tetrachloride	7060		760	44
108-90-7	Chlorobenzene	7540		760	84
75-00-3	Chloroethane	6070		760	130
67-66-3	Chloroform	7540		760	60
74-87-3	Chloromethane	7810		760	74
156-59-2	cis-1,2-Dichloroethene	7470		760	140
10061-01-5	cis-1,3-Dichloropropene	7210		760	140
110-82-7	Cyclohexane	7910		760	120
124-48-1	Dibromochloromethane	6780		760	150
75-71-8	Dichlorodifluoromethane	8190		760	160
100-41-4	Ethylbenzene	7690		760	73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: e05043.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 3.30(g) | Date Analyzed: 07/03/2012 23:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	7510		760	63
98-82-8	Isopropylbenzene	7760		760	59
79-20-9	Methyl acetate	11100		1500	260
108-87-2	Methylcyclohexane	7880		760	100
75-09-2	Methylene Chloride	6870		760	140
1634-04-4	MTBE	7130		760	110
100-42-5	Styrene	7530		760	91
127-18-4	Tetrachloroethene	7600		760	74
108-88-3	Toluene	15200		760	110
156-60-5	trans-1,2-Dichloroethene	7090		760	98
10061-02-6	trans-1,3-Dichloropropene	7220		760	190
79-01-6	Trichloroethene	7610		760	70
75-69-4	Trichlorofluoromethane	6560		760	110
75-01-4	Vinyl chloride	8210		760	110
1330-20-7	Xylenes, Total	23300		2300	270

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	89		59-150
460-00-4	Bromofluorobenzene	85		72-133

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05043.d
Report Date: 10-Jul-2012 11:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05043.d
Lab Smp Id: 460-41730-A-17-B MS
Inj Date : 03-JUL-2012 23:31
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-41730-A-17-B MS;100;;3.30;10
Misc Info : FOAMY
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 05-Jul-2012 16:14 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 10:18 Cal File: e05010.d
Als bottle: 8 QC Sample: MS
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	3.30000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	21376	10.7117	3200
3 Chloromethane	50	0.986	0.986	(0.275)	32272	10.2257	3100
4 Vinyl Chloride	62	0.998	0.998	(0.279)	30083	10.7476	3200
6 Bromomethane	94	1.150	1.150	(0.321)	11788	8.09325	2400
5 Chloroethane	64	1.211	1.205	(0.338)	9949	7.94362	2400
8 n-Pentane	72	1.266	1.266	(0.353)	3360	14.1806	4300(R)
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	22651	8.58657	2600
10 Isoprene	67	1.407	1.413	(0.393)	24474	8.42079	2600
11 Ethyl Ether	59	1.437	1.437	(0.401)	15825	8.40667	2500
15 1,1-Dichloroethene	96	1.522	1.528	(0.425)	19732	10.1694	3100
14 Freon TF	101	1.541	1.547	(0.430)	20278	9.82898	3000
18 Carbon Disulfide	76	1.535	1.541	(0.428)	69555	9.90911	3000
17 Iodomethane	142	1.595	1.602	(0.445)	12145	3.16226	960(R)
9 Ethanol	46	1.583	1.559	(0.442)	16364	1317.83	400000

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05043.d
Report Date: 10-Jul-2012 11:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	13 Acrolein	56	1.711	1.705	(0.478)	5993	15.7649	4800
	22 Methylene Chloride	84	1.833	1.839	(0.512)	24510	8.99578	2700
	16 Acetone	58	1.882	1.870	(0.525)	2879	13.8824	4200
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	22745	9.27808	2800
	27 Methyl Acetate	74	1.949	1.943	(0.544)	6013	14.4865	4400
	29 Hexane	86	1.967	1.973	(0.549)	6683	10.4653	3200
	28 MTBE	73	2.004	1.998	(0.559)	68172	9.32783	2800
	24 TBA	59	2.108	2.083	(0.588)	46228	209.540	63000
	21 Acetonitrile	39	2.138	2.132	(0.597)	11875	196.615	60000
	32 DIPE	45	2.236	2.230	(0.624)	82326	8.92169	2700
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	44156	9.44020	2900
	26 Acrylonitrile	53	2.327	2.321	(0.649)	7109	8.24474	2500
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	40149	8.70325	2600
	35 t-Butyl-ethyl-ether	59	2.461	2.455	(0.687)	76863	9.43540	2800
	34 n-Propanol	42	2.571	2.534	(0.718)	9030	721.615	220000(aR)
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	26559	9.77530	3000
	37 2,2-Dichloropropane	77	2.699	2.699	(0.753)	35101	10.0184	3000
	44 Cyclohexane	56	2.760	2.766	(0.770)	42543	10.3532	3100
	40 Bromochloromethane	128	2.766	2.766	(0.772)	13718	9.89111	3000
	42 Chloroform	83	2.827	2.827	(0.789)	43165	9.86806	3000
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	28944	9.23708	2800
	39 Ethyl Acetate	70	2.937	2.931	(0.820)	4837	20.7248	6300
	41 Tetrahydrofuran	42	2.949	2.943	(0.823)	10158	11.7791	3600
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	34965	9.19877	2800
	46 1,1-Dichloropropene	75	3.053	3.053	(0.852)	34548	9.03958	2700
	38 2-Butanone	72	3.065	3.059	(0.855)	4508	10.9891	3300
	48 Benzene	78	3.242	3.242	(0.467)	106980	9.77555	3000
	51 n-Heptane	57	3.242	3.242	(0.905)	19389	12.4190	3800
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	55435	23.3512	7100
	50 t-Amyl-methyl-ether	73	3.370	3.363	(0.940)	76217	10.7769	3300
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	31628	9.90893	3000
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	545438	50.0000	
	61 Isopropyl Acetate	43	3.662	3.656	(1.022)	92051	22.2301	6700
	56 Methyl cyclohexane	83	3.711	3.717	(1.036)	42308	10.3177	3100
	54 Trichloroethene	95	3.723	3.723	(1.039)	26571	9.95933	3000
	58 Dibromomethane	93	4.089	4.089	(1.141)	15188	9.93768	3000
	53 n-Butanol	56	4.174	4.119	(1.165)	43872	810.608	240000
	57 1,2-Dichloropropane	63	4.186	4.180	(1.168)	27638	10.0593	3000
	55 Ethyl Acrylate	55	4.266	4.260	(1.191)	32136	10.9707	3300
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	32153	9.43105	2800
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	7079	9.69231	2900
	60 1,4-Dioxane	88	4.540	4.510	(1.267)	1342	57.4184	17000(M)
	75 Propyl Acetate	43	4.619	4.613	(1.289)	70396	21.8659	6600
	62 2-Chloroethyl Vinyl Ether	63	4.875	4.869	(1.361)	15322	11.6411	3500
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	42538	9.43186	2800
$	65 Toluene-d8 (SUR)	98	5.095	5.101	(0.733)	211081	22.2096	6700
	66 Toluene	91	5.150	5.150	(0.741)	258725	19.8320	6000(R)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05043.d
Report Date: 10-Jul-2012 11:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	63 Epichlorohydrin	57	5.180	5.174	(0.746)	42206	191.421	58000
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	32377	9.94364	3000
	70 4-Methyl-2-Pentanone	43	5.631	5.619	(0.810)	41239	18.2255	5500(R)
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	37708	9.44589	2900
	69 1,1,2-Trichloroethane	83	5.820	5.814	(0.838)	26254	13.3978	4000(R)
	74 Dibromochloromethane	129	6.009	6.009	(0.865)	24811	8.87074	2700
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	40062	9.47285	2900
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	23909	9.72104	2900
	76 Butyl Acetate	73	6.613	6.613	(0.952)	16052	24.1598	7300
	73 2-Hexanone	43	6.680	6.674	(0.961)	19228	11.2883	3400
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	451690	50.0000	
	79 Chlorobenzene	112	6.972	6.966	(1.004)	84699	9.86903	3000
	81 Ethylbenzene	106	7.058	7.058	(1.016)	45138	10.0612	3000
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	26115	9.01208	2700
	82 m+p-Xylene	106	7.271	7.271	(1.046)	117759	20.2816	6100
	84 o-Xylene	106	7.856	7.856	(1.131)	57249	10.1979	3100
	86 Bromoform	173	7.911	7.911	(1.139)	17404	8.65486	2600
	85 Styrene	104	7.942	7.942	(1.143)	93614	9.85173	3000
	87 Amyl Acetate	43	8.003	7.997	(0.765)	92561	47.8419	14000(R)
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	24899	10.6894	3200
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	146393	10.1502	3100
	90 Camphene (total)	41	8.472	8.460	(1.219)	2801	3.18502	960(R)
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	86100	21.1413	6400
	91 Bromobenzene	156	8.820	8.814	(0.843)	38648	9.56463	2900
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	188341	10.9593	3300
	92 1,1,2,2-Tetrachloroethane	83	9.106	9.112	(0.870)	106392	34.1805	10000(R)
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	108522	10.5504	3200
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	9653	10.4708	3200
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	198410	15.7818	4800(R)
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	8563	9.27533	2800
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	103273	9.36425	2800
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	106068	10.1819	3100
	101 1,2,4-Trimethylbenzene	105	9.923	9.917	(0.948)	238082	17.7366	5400(R)
	99 Butyl Methacrylate	87	9.929	9.929	(0.949)	44723	10.8711	3300
	103 sec-Butylbenzene	105	10.088	10.082	(0.964)	165132	11.1734	3400
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	73830	9.80333	3000
	107 p-Isopropyltoluene	119	10.368	10.362	(0.991)	220306	16.9124	5100(R)
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	276823	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	87739	11.3514	3400
	102 2-Octanone	43	10.862	10.862	(1.038)	65736	17.4336	5300(R)
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	72255	12.3328	3700
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	146189	13.1190	4000
	111 1,2-Dichlorobenzene	146	11.155	11.149	(1.066)	80011	11.0938	3400
	112 1,2-Dibromo-3-chloropropane	75	12.240	12.234	(1.169)	5362	10.2552	3100
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	49880	10.1134	3100
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	25240	12.1236	3700
	116 Naphthalene	128	13.264	13.264	(1.267)	123890	12.5259	3800

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05043.d
Report Date: 10-Jul-2012 11:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	42030	10.0769	3000
M 120 1,2-Dichloroethene (Total)	100				49304	19.0534	5800
M 121 Xylene (Total)	100				175008	30.4795	9200

QC Flag Legend

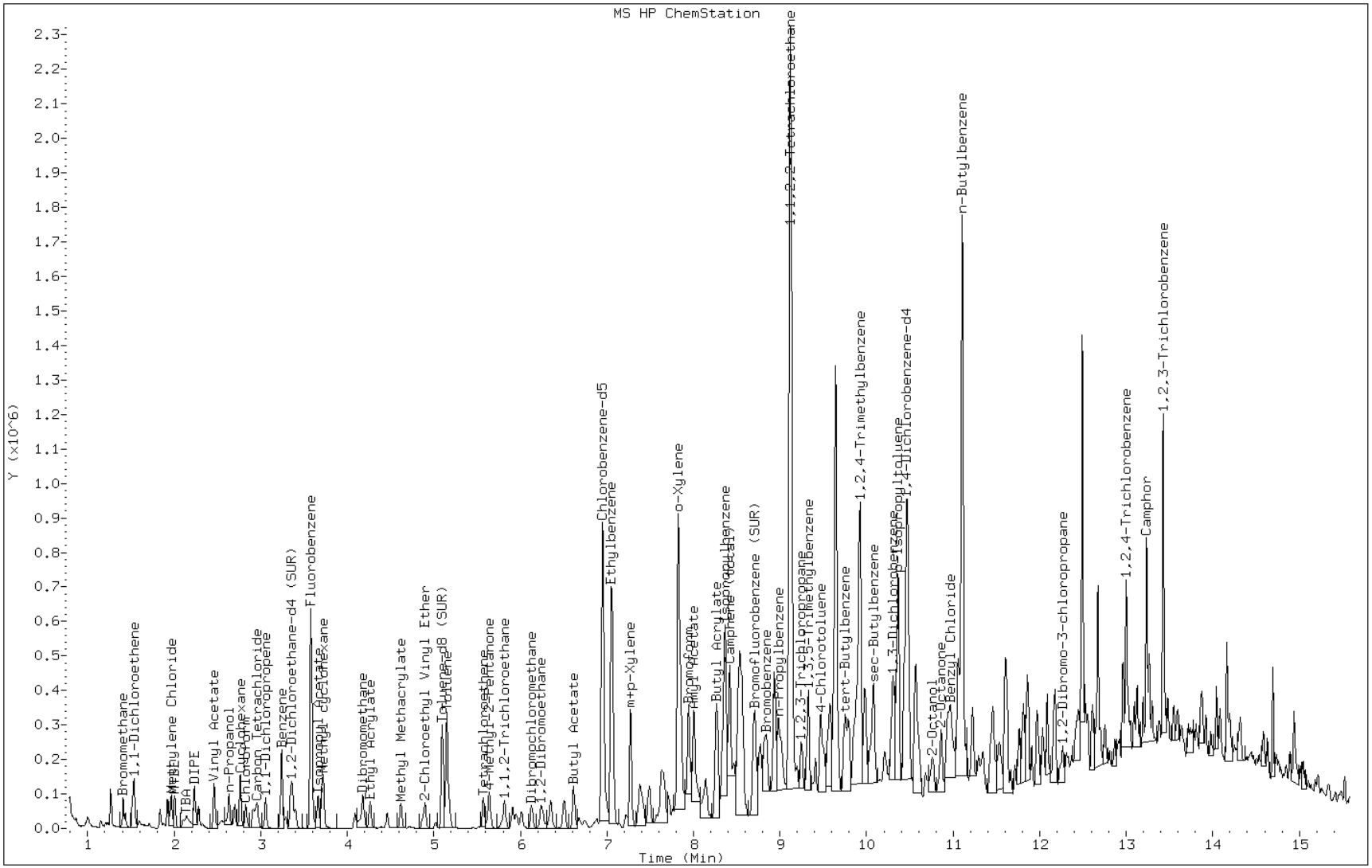
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: e05043.d

Date: 03-JUL-2012 23:31

Client ID: Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-B MS;100;;3.30;10 Operator: VOAMS5



Manual Integration Report

Data File: e05043.d
Inj. Date and Time: 03-JUL-2012 23:31
Instrument ID: VOAMS5.i
Client ID:
Compound: 60 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/10/2012

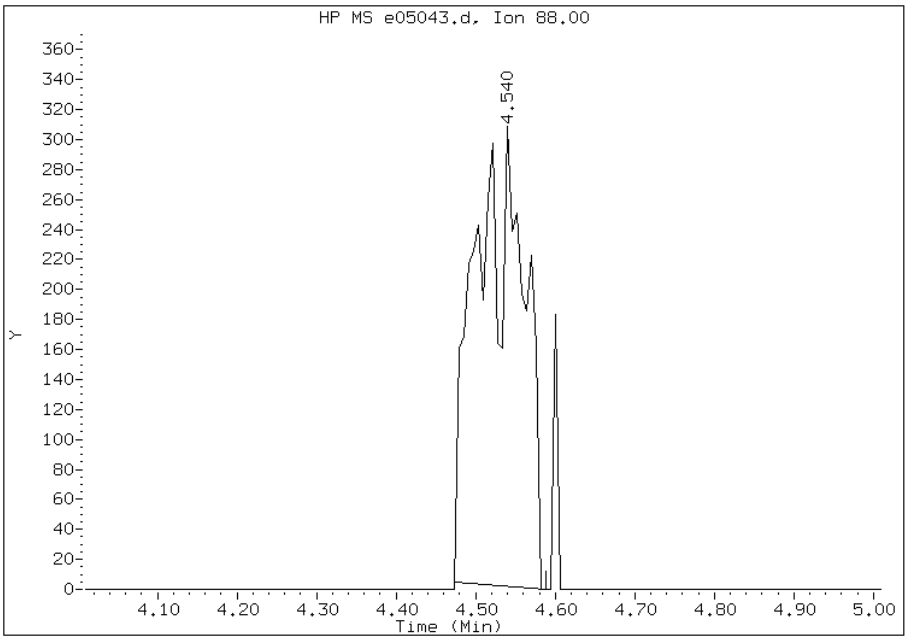
Processing Integration Results

RT: 4.54

Response: 1320

Amount: 56

Conc: 11299



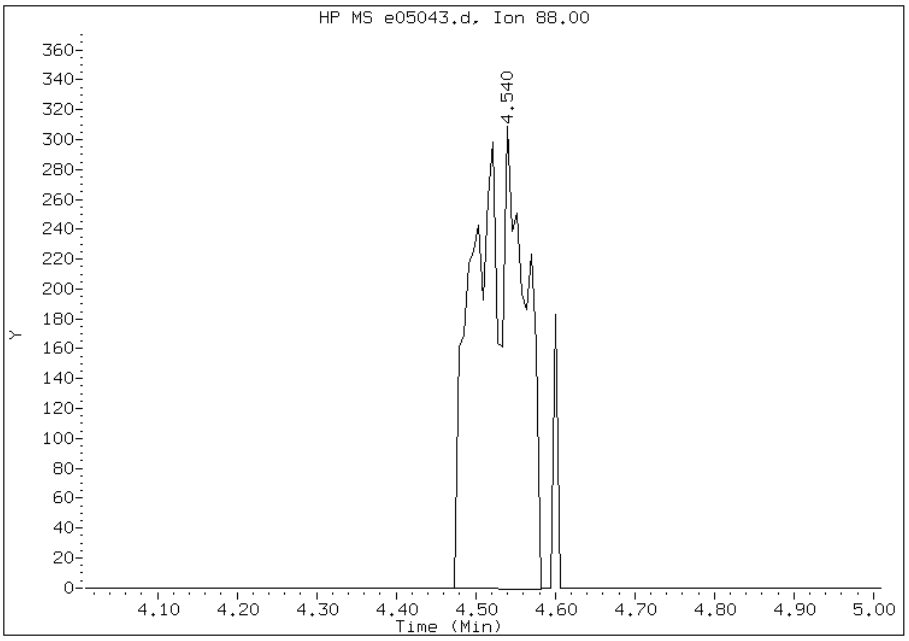
Manual Integration Results

RT: 4.54

Response: 1342

Amount: 57

Conc: 17400



Manually Integrated By: maryb
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: o61795.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.33(g) | Date Analyzed: 07/02/2012 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.0		1.1	0.14
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.1	0.10
79-00-5	1,1,2-Trichloroethane	19.5		1.1	0.16
75-34-3	1,1-Dichloroethane	21.2		1.1	0.12
75-35-4	1,1-Dichloroethene	21.3		1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	11.8		1.1	0.18
120-82-1	1,2,4-Trichlorobenzene	12.0		1.1	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	15.7		1.1	0.49
106-93-4	1,2-Dibromoethane	19.6		1.1	0.17
95-50-1	1,2-Dichlorobenzene	15.8		1.1	0.11
107-06-2	1,2-Dichloroethane	21.9		1.1	0.20
78-87-5	1,2-Dichloropropane	21.5		1.1	0.17
541-73-1	1,3-Dichlorobenzene	15.6		1.1	0.18
106-46-7	1,4-Dichlorobenzene	15.0		1.1	0.12
123-91-1	1,4-Dioxane	160		56	14
78-93-3	2-Butanone	30.2		11	0.70
591-78-6	2-Hexanone	17.5		11	0.14
108-10-1	4-Methyl-2-pentanone	21.7		11	0.22
67-64-1	Acetone	56.4		11	1.9
71-43-2	Benzene	21.1		1.1	0.17
74-97-5	Bromochloromethane	26.2		1.1	0.12
75-27-4	Bromodichloromethane	22.2		1.1	0.36
75-25-2	Bromoform	15.9		1.1	0.19
74-83-9	Bromomethane	17.2		1.1	0.48
75-15-0	Carbon disulfide	14.9		1.1	0.17
56-23-5	Carbon tetrachloride	20.7		1.1	0.17
108-90-7	Chlorobenzene	18.7		1.1	0.20
75-00-3	Chloroethane	18.8		1.1	0.37
67-66-3	Chloroform	22.8		1.1	0.27
74-87-3	Chloromethane	21.1		1.1	0.18
156-59-2	cis-1,2-Dichloroethene	21.5		1.1	0.12
10061-01-5	cis-1,3-Dichloropropene	18.8		1.1	0.16
110-82-7	Cyclohexane	17.8		1.1	0.14
124-48-1	Dibromochloromethane	16.2		1.1	0.11
75-71-8	Dichlorodifluoromethane	16.8		1.1	0.24
100-41-4	Ethylbenzene	18.9		1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: o61795.d

Analysis Method: 8260B | Date Collected: 06/25/2012 12:04

Sample wt/vol: 5.33(g) | Date Analyzed: 07/02/2012 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 118221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	23.6		1.1	0.12
98-82-8	Isopropylbenzene	17.6		1.1	0.12
79-20-9	Methyl acetate	57.6		1.1	0.36
108-87-2	Methylcyclohexane	16.6		1.1	0.11
75-09-2	Methylene Chloride	25.7		1.1	0.17
1634-04-4	MTBE	22.7		1.1	0.12
100-42-5	Styrene	17.4		1.1	0.31
127-18-4	Tetrachloroethene	19.9		1.1	0.13
108-88-3	Toluene	18.2		1.1	0.16
156-60-5	trans-1,2-Dichloroethene	20.0		1.1	0.14
10061-02-6	trans-1,3-Dichloropropene	14.4		1.1	0.11
79-01-6	Trichloroethene	21.4		1.1	0.13
75-69-4	Trichlorofluoromethane	18.5		1.1	0.18
75-01-4	Vinyl chloride	18.3		1.1	0.38
1330-20-7	Xylenes, Total	53.1		3.3	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	104		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61795.d
Report Date: 02-Jul-2012 16:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61795.d
Lab Smp Id: 460-41730-B-5-C MSD Client Smp ID: SF-29
Inj Date : 02-JUL-2012 12:32
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41730-B-5-C MSD;;;5.33;5
Misc Info : 460-41730-B-5-C MSD
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/8260L_10.m
Meth Date : 02-Jul-2012 05:23 audberto Quant Type: ISTD
Cal Date : 21-JUN-2012 23:37 Cal File: o61398.d
Als bottle: 17 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.33000	Weight of sample extracted (g)
M	15.50802	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				231302	37.4446	42
90	Dichlorodifluoromethane	85	0.866	0.866	(0.234)	115046	15.0918	17
1	Chloromethane	50	0.987	0.973	(0.267)	143084	19.0221	21
4	Vinyl Chloride	62	1.009	1.009	(0.272)	136703	16.4469	18
3	Bromomethane	94	1.166	1.166	(0.315)	68426	15.4835	17
5	Chloroethane	64	1.217	1.217	(0.329)	78471	16.9000	19
9	Trichlorofluoromethane	101	1.338	1.338	(0.362)	195600	16.6995	18
127	Ethanol	46	1.453	1.460	(0.392)	88666	2769.27	3100
46	Ethyl Ether	59	1.496	1.496	(0.404)	90640	20.3688	23
119	Isoprene	67	1.503	1.503	(0.406)	152045	18.7534	21
47	Acrolein	56	1.568	1.568	(0.423)	84128	112.252	120
10	1,1-Dichloroethene	96	1.618	1.611	(0.437)	94372	19.1797	21
48	Freon TF	101	1.618	1.611	(0.437)	124251	21.2643	24
7	Acetone	43	1.661	1.654	(0.449)	69886	50.8227	56(R)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61795.d
Report Date: 02-Jul-2012 16:50

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	1.704	1.704	(0.460)	133827	19.3031	21
8	Carbon Disulfide	76	1.732	1.732	(0.468)	233816	13.3879	15(R)
50	Acetonitrile	41	1.818	1.825	(0.491)	277567	436.203	480
125	Methyl acetate	74	1.840	1.840	(0.497)	43048	51.8797	58(R)
6	Methylene Chloride	84	1.897	1.897	(0.512)	117206	23.1188	26
51	TBA	59	1.983	1.983	(0.536)	217261	386.316	430
52	Acrylonitrile	53	2.055	2.055	(0.555)	253570	129.481	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	104528	18.0573	20
53	MTBE	73	2.062	2.062	(0.557)	288884	20.4344	23
54	Hexane	56	2.227	2.227	(0.601)	66356	12.6863	14(R)
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	222887	19.0876	21
57	Vinyl Acetate	43	2.384	2.384	(0.644)	239134	13.4546	15
55	DIPE	45	2.384	2.384	(0.644)	356140	19.0067	21
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	313085	19.8847	22
157	Dichlorofluoromethane	67	1.324	1.317	(0.358)	234627	18.6869	21
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	179452	17.7020	20
13	cis-1,2-Dichloroethene	96	2.749	2.749	(0.743)	126773	19.3873	22
18	2-Butanone	72	2.778	2.771	(0.750)	15481	27.2225	30(R)
56	Ethyl Acetate	70	2.828	2.821	(0.764)	10606	25.3877	28(R)
108	Bromochloromethane	128	2.929	2.929	(0.791)	55472	23.5538	26
15	Chloroform	83	3.000	3.000	(0.810)	219548	20.5338	23
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	183009	19.8277	22
59	Cyclohexane	56	3.165	3.165	(0.855)	194875	16.0231	18
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	133275	18.6748	21
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	147794	16.7913	19
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	202703	50.9657	56
28	Benzene	78	3.444	3.444	(0.930)	430201	18.9947	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	145995	19.6841	22
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	302130	30.2965	34
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	241892	19.9523	22
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	804076	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	106779	19.2387	21
63	n-Butanol	43	4.082	4.082	(1.103)	109946	1341.86	1500
96	Ethyl Acrylate	85	4.454	4.211	(1.203)	4400	18.4967	20
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	157985	14.9794	17(R)
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	110003	19.3568	21
109	Dibromomethane	93	4.404	4.397	(1.190)	58347	19.5088	22
95	1,4-Dioxane	88	4.447	4.454	(1.201)	9163	144.527	160
146	Methyl methacrylate	69	4.454	4.454	(1.203)	58932	20.9922	23
64	Propyl Acetate	43	4.540	4.540	(1.226)	138972	22.9888	26(R)
22	Bromodichloromethane	83	4.590	4.583	(1.240)	134193	19.9699	22
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	46561	18.2221	20
118	Epichlorohydrin	57	5.013	5.013	(1.354)	166238	336.700	370
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	132109	16.8985	19
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	80703	19.5484	22
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	666890	47.7469	53
38	Toluene	91	5.464	5.464	(0.752)	453195	16.3755	18

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61795.d
Report Date: 02-Jul-2012 16:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	112383	12.9495	14(R)
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	67454	17.5606	19
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	114156	17.9114	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	147746	17.3094	19
	34 2-Hexanone	43	6.388	6.388	(0.879)	55626	15.7964	18
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	77578	14.5838	16
	65 Butyl Acetate	43	6.610	6.610	(0.909)	151630	18.3427	20(R)
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	76620	17.6190	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	634146	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	277691	16.8494	19
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	84904	15.6991	17
	40 Ethylbenzene	106	7.506	7.506	(1.033)	154813	17.0349	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	366143	31.4385	35(R)
	44 o-Xylene	106	8.272	8.272	(1.138)	181248	16.4019	18
	42 Styrene	104	8.308	8.308	(1.143)	296206	15.6573	17(R)
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	118736	10.6886	12(R)
	31 Bromoform	173	8.537	8.537	(1.174)	41360	14.2761	16
	145 Amyl Acetate	43	8.766	8.766	(1.206)	53324	8.92247	9.9
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	487562	15.8361	18
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	258630	51.8318	58
	150 Camphene	41	9.196	9.196	(0.841)	48155	12.5350	14
	107 Bromobenzene	156	9.254	9.254	(0.846)	114871	15.6622	17(R)
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	104480	16.3377	18
	99 1,2,3-Trichloropropane	110	9.425	9.418	(0.862)	30465	16.4636	18
	143 trans-1,4-Dichloro-2-butene	53	9.511	9.504	(2.569)	25102	15.9160	18
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	564314	13.6919	15(R)
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	319641	13.7227	15(R)
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	320999	13.1549	15(R)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	377172	13.6071	15(R)
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	120640	12.5316	14(R)
	115 tert-Butylbenzene	119	10.349	10.349	(0.946)	356506	14.3117	16(R)
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	376714	13.4502	15(R)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	492530	12.7722	14(R)
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	211828	14.0672	16(R)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	367008	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	205722	13.5514	15(R)
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	408639	12.9276	14(R)
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	199481	14.2188	16(R)
	117 Benzyl chloride	91	11.238	11.238	(1.028)	97257	7.71252	8.6(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	359885	11.1987	12(R)
	101 1,2-Dibromo-3-chloropropane	75	12.484	12.477	(1.141)	18748	14.1395	16(R)
	152 Camphor	95	13.186	13.186	(1.206)	62102	82.1891	91
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	121899	10.7647	12(R)
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	62807	9.12872	10(R)
	70 Naphthalene	128	13.473	13.480	(1.232)	324538	13.2290	15(R)
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	111909	10.6558	12(R)
M	45 Xylene (Total)	100				547392	47.8167	53(R)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b/o61795.d
Report Date: 02-Jul-2012 16:50

QC Flag Legend

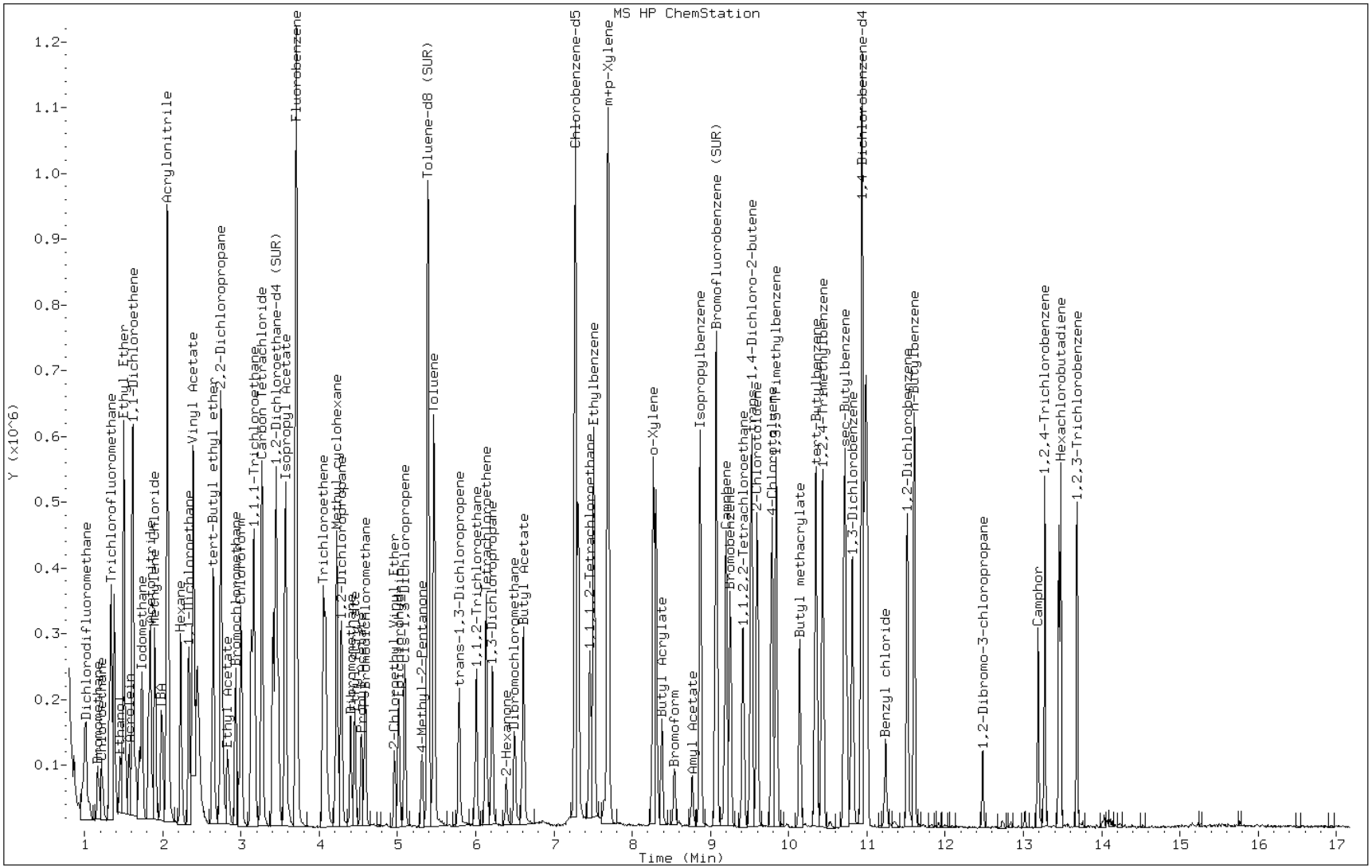
R - Spike/Surrogate failed recovery limits.

Data File: o61795.d

Date: 02-JUL-2012 12:32

Client ID: SF-29 Instrument: VOAMS12.i

Sample Info: 460-41730-B-5-C MSD;;;5.33;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: e05044.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 3.23(g) | Date Analyzed: 07/03/2012 23:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	7950		780	49
79-34-5	1,1,2,2-Tetrachloroethane	26200		780	120
79-00-5	1,1,2-Trichloroethane	11100		780	150
75-34-3	1,1-Dichloroethane	7460		780	100
75-35-4	1,1-Dichloroethene	8270		780	69
87-61-6	1,2,3-Trichlorobenzene	8460		780	400
120-82-1	1,2,4-Trichlorobenzene	8360		780	270
96-12-8	1,2-Dibromo-3-Chloropropane	8660		780	310
106-93-4	1,2-Dibromoethane	8030		780	220
95-50-1	1,2-Dichlorobenzene	9140		780	160
107-06-2	1,2-Dichloroethane	8310		780	150
78-87-5	1,2-Dichloropropane	8430		780	67
541-73-1	1,3-Dichlorobenzene	8090		780	110
106-46-7	1,4-Dichlorobenzene	9340		780	180
123-91-1	1,4-Dioxane	67700		39000	28000
78-93-3	2-Butanone	8510		3900	1800
591-78-6	2-Hexanone	9520		3900	390
108-10-1	4-Methyl-2-pentanone	14700		3900	770
67-64-1	Acetone	9940		3900	2100
71-43-2	Benzene	8330		780	64
74-97-5	Bromochloromethane	8260		780	210
75-27-4	Bromodichloromethane	7970		780	98
75-25-2	Bromoform	7520		780	150
74-83-9	Bromomethane	7980		780	140
75-15-0	Carbon disulfide	8180		780	98
56-23-5	Carbon tetrachloride	7860		780	45
108-90-7	Chlorobenzene	8090		780	86
75-00-3	Chloroethane	6860		780	130
67-66-3	Chloroform	8280		780	61
74-87-3	Chloromethane	8250		780	76
156-59-2	cis-1,2-Dichloroethene	8320		780	140
10061-01-5	cis-1,3-Dichloropropene	8070		780	140
110-82-7	Cyclohexane	8550		780	120
124-48-1	Dibromochloromethane	7690		780	160
75-71-8	Dichlorodifluoromethane	8330		780	170
100-41-4	Ethylbenzene	8560		780	75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: e05044.d

Analysis Method: 8260B | Date Collected: 06/26/2012 11:32

Sample wt/vol: 3.23(g) | Date Analyzed: 07/03/2012 23:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-VMS | ID: 0.18(mm)

% Moisture: 60.3 | Level: (low/med) Medium

Analysis Batch No.: 118537 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	7960		780	64
98-82-8	Isopropylbenzene	8420		780	60
79-20-9	Methyl acetate	11100		1600	260
108-87-2	Methylcyclohexane	8550		780	110
75-09-2	Methylene Chloride	7830		780	140
1634-04-4	MTBE	7760		780	110
100-42-5	Styrene	8200		780	93
127-18-4	Tetrachloroethene	8300		780	76
108-88-3	Toluene	16300		780	120
156-60-5	trans-1,2-Dichloroethene	7410		780	100
10061-02-6	trans-1,3-Dichloropropene	8230		780	190
79-01-6	Trichloroethene	8120		780	72
75-69-4	Trichlorofluoromethane	7130		780	110
75-01-4	Vinyl chloride	8800		780	110
1330-20-7	Xylenes, Total	25400		2300	280

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	89		59-150
460-00-4	Bromofluorobenzene	84		72-133

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05044.d
Report Date: 10-Jul-2012 11:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05044.d
Lab Smp Id: 460-41730-A-17-CMSD
Inj Date : 03-JUL-2012 23:55
Operator : VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-41730-A-17-C MSD;100;;3.23;10
Misc Info : FOAMY
Comment :
Method : /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/8260_09.m
Meth Date : 05-Jul-2012 16:14 vibha Quant Type: ISTD
Cal Date : 03-JUL-2012 10:18 Cal File: e05010.d
Als bottle: 9 QC Sample: MSD
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	3.23000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	0.864	0.864	(0.241)	22375	10.6660	3300
3 Chloromethane	50	0.992	0.986	(0.277)	35057	10.5669	3300
4 Vinyl Chloride	62	0.998	0.998	(0.279)	33158	11.2689	3500
6 Bromomethane	94	1.150	1.150	(0.321)	15641	10.2153	3200
5 Chloroethane	64	1.211	1.205	(0.338)	11575	8.79155	2700
8 n-Pentane	72	1.266	1.266	(0.353)	3586	14.3970	4400(R)
7 Trichlorofluoromethane	101	1.272	1.272	(0.355)	25320	9.13064	2800
10 Isoprene	67	1.413	1.413	(0.394)	30811	10.0846	3100
11 Ethyl Ether	59	1.437	1.437	(0.401)	20028	10.1210	3100
15 1,1-Dichloroethene	96	1.522	1.528	(0.425)	21604	10.5916	3300
14 Freon TF	101	1.541	1.547	(0.430)	22123	10.2008	3200
18 Carbon Disulfide	76	1.534	1.541	(0.428)	77348	10.4824	3200
17 Iodomethane	142	1.602	1.602	(0.447)	13949	3.45616	1100(R)
9 Ethanol	46	1.602	1.559	(0.447)	20550	1574.30	490000

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05044.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	13 Acrolein	56	1.711	1.705	(0.478)	6978	17.4616	5400
	22 Methylene Chloride	84	1.839	1.839	(0.513)	28722	10.0280	3100
	16 Acetone	58	1.882	1.870	(0.525)	2777	12.7381	3900
	25 trans-1,2-Dichloroethene	96	1.925	1.925	(0.537)	24444	9.48527	2900
	27 Methyl Acetate	74	1.943	1.943	(0.542)	6192	14.1908	4400
	29 Hexane	86	1.967	1.973	(0.549)	6924	10.3144	3200
	28 MTBE	73	2.004	1.998	(0.559)	76369	9.94024	3100
	24 TBA	59	2.101	2.083	(0.587)	52067	224.507	70000
	21 Acetonitrile	39	2.144	2.132	(0.598)	12574	198.044	61000
	32 DIPE	45	2.236	2.230	(0.624)	91316	9.41373	2900
	30 1,1-Dichloroethane	63	2.284	2.284	(0.638)	47010	9.56064	3000
	26 Acrylonitrile	53	2.327	2.321	(0.649)	8821	9.73176	3000
	31 Vinyl Acetate	43	2.455	2.455	(0.685)	45567	9.39641	2900
	35 t-Butyl-ethyl-ether	59	2.461	2.455	(0.687)	86960	10.1547	3100
	34 n-Propanol	42	2.540	2.534	(0.709)	7876	598.727	180000(aR)
	36 cis-1,2-Dichloroethene	96	2.632	2.632	(0.735)	30447	10.6603	3300
	37 2,2-Dichloropropane	77	2.699	2.699	(0.753)	38650	10.4938	3200
	44 Cyclohexane	56	2.760	2.766	(0.770)	47321	10.9548	3400
	40 Bromochloromethane	128	2.766	2.766	(0.772)	15433	10.5855	3300
	42 Chloroform	83	2.827	2.827	(0.789)	48749	10.6016	3300
	45 Carbon Tetrachloride	117	2.912	2.912	(0.813)	33182	10.0736	3100
	39 Ethyl Acetate	70	2.937	2.931	(0.820)	5843	23.8152	7400
	41 Tetrahydrofuran	42	2.949	2.943	(0.823)	11513	12.6998	3900
	43 1,1,1-Trichloroethane	97	2.961	2.961	(0.826)	40703	10.1866	3200
	46 1,1-Dichloropropene	75	3.052	3.053	(0.852)	37907	9.43517	2900
	38 2-Butanone	72	3.059	3.059	(0.854)	4702	10.9035	3400
	48 Benzene	78	3.241	3.242	(0.467)	120644	10.6754	3300
	51 n-Heptane	57	3.241	3.242	(0.905)	21900	13.3438	4100(R)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.345	3.345	(0.934)	58139	23.2969	7200
	50 t-Amyl-methyl-ether	73	3.363	3.363	(0.939)	86265	11.6033	3600
	49 1,2-Dichloroethane	62	3.400	3.400	(0.949)	35717	10.6447	3300
*	52 Fluorobenzene	96	3.583	3.583	(1.000)	573377	50.0000	
	61 Isopropyl Acetate	43	3.662	3.656	(1.022)	104781	24.0714	7400
	56 Methyl cyclohexane	83	3.711	3.717	(1.036)	47214	10.9531	3400
	54 Trichloroethene	95	3.723	3.723	(1.039)	29184	10.4057	3200
	58 Dibromomethane	93	4.089	4.089	(1.141)	17221	10.7188	3300
	53 n-Butanol	56	4.150	4.119	(1.158)	54452	957.067	300000
	57 1,2-Dichloropropane	63	4.180	4.180	(1.167)	31176	10.7941	3300
	55 Ethyl Acrylate	55	4.266	4.260	(1.191)	36273	11.7797	3600
	68 Bromodichloromethane	83	4.260	4.260	(1.189)	36568	10.2034	3200
	59 Methyl Methacrylate	100	4.461	4.461	(1.245)	7997	10.4157	3200
	60 1,4-Dioxane	88	4.510	4.510	(1.259)	2129	86.6521	27000(M)
	75 Propyl Acetate	43	4.619	4.613	(1.289)	78088	23.0732	7100
	62 2-Chloroethyl Vinyl Ether	63	4.875	4.869	(1.361)	17667	12.7687	4000
	67 cis-1,3-Dichloropropene	75	4.900	4.900	(0.705)	48122	10.3325	3200
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	218093	22.2216	6900
	66 Toluene	91	5.150	5.150	(0.741)	280534	20.8235	6400(R)

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05044.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	63 Epichlorohydrin	57	5.180	5.174	(0.746)	46472	204.102	63000
	71 Tetrachloroethene	166	5.576	5.576	(0.803)	35742	10.6299	3300
	70 4-Methyl-2-Pentanone	43	5.625	5.619	(0.810)	43856	18.7690	5800(R)
	64 trans-1,3-Dichloropropene	75	5.643	5.644	(0.812)	43447	10.5393	3300
	69 1,1,2-Trichloroethane	83	5.820	5.814	(0.838)	28683	14.1744	4400(R)
	74 Dibromochloromethane	129	6.015	6.009	(0.866)	28455	9.85179	3000
	72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	46421	10.6293	3300
	77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	26137	10.2908	3200
	76 Butyl Acetate	73	6.613	6.613	(0.952)	17791	25.9302	8000(R)
	73 2-Hexanone	43	6.674	6.674	(0.960)	21454	12.1967	3800
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	466444	50.0000	
	79 Chlorobenzene	112	6.966	6.966	(1.003)	91863	10.3652	3200
	81 Ethylbenzene	106	7.058	7.058	(1.016)	50802	10.9655	3400
	80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.019)	29362	9.81209	3000
	82 m+p-Xylene	106	7.271	7.271	(1.046)	129589	21.6131	6700
	84 o-Xylene	106	7.856	7.856	(1.131)	62956	10.8597	3400
	86 Bromoform	173	7.911	7.911	(1.139)	19999	9.63075	3000
	85 Styrene	104	7.942	7.942	(1.143)	103082	10.5050	3200
	87 Amyl Acetate	43	8.003	7.997	(0.765)	93092	46.7474	14000(R)
	83 Butyl Acrylate	73	8.271	8.271	(1.190)	27220	11.3162	3500
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	160703	10.7900	3300
	90 Camphene (total)	41	8.417	8.460	(1.211)	77389	85.2156	26000(R)
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	87570	20.8905	6500
	91 Bromobenzene	156	8.814	8.814	(0.842)	42085	10.1189	3100
	95 n-Propylbenzene	91	8.978	8.978	(0.858)	202276	11.4353	3500
	92 1,1,2,2-Tetrachloroethane	83	9.106	9.112	(0.870)	107317	33.4968	10000(R)
	96 2-Chlorotoluene	91	9.143	9.143	(0.874)	117746	11.1215	3400
	93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	10871	11.4565	3500
	97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	211654	16.3563	5100(R)
	94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	9804	10.3174	3200
	98 4-Chlorotoluene	91	9.411	9.411	(0.899)	113858	10.0303	3100
	100 tert-Butylbenzene	119	9.795	9.789	(0.936)	116009	10.8193	3300
	101 1,2,4-Trimethylbenzene	105	9.923	9.917	(0.948)	250689	18.1444	5600(R)
	99 Butyl Methacrylate	87	9.929	9.929	(0.949)	49474	11.6838	3600
	103 sec-Butylbenzene	105	10.088	10.082	(0.964)	179453	11.7969	3600
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	80356	10.3663	3200
	107 p-Isopropyltoluene	119	10.368	10.362	(0.991)	233509	17.4160	5400(R)
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	284929	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.484	(1.002)	95141	11.9589	3700
	102 2-Octanone	43	10.862	10.862	(1.038)	74743	19.2584	6000(R)
	110 Benzyl Chloride	91	10.941	10.941	(1.045)	76309	12.6542	3900
	106 n-Butylbenzene	91	11.057	11.057	(1.056)	156378	13.6341	4200(R)
	111 1,2-Dichlorobenzene	146	11.155	11.149	(1.066)	86925	11.7096	3600
	112 1,2-Dibromo-3-chloropropane	75	12.240	12.234	(1.169)	5969	11.0914	3400
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	54386	10.7133	3300
	115 Hexachlorobutadiene	225	12.990	12.990	(1.241)	28059	13.0942	4000
	116 Naphthalene	128	13.264	13.264	(1.267)	133757	13.1388	4100

Data File: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b/e05044.d
Report Date: 10-Jul-2012 11:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	13.435	13.435	(1.284)	46538	10.8403	3400
M 120 1,2-Dichloroethene (Total)	100				54891	20.1455	6200
M 121 Xylene (Total)	100				192545	32.4729	10000

QC Flag Legend

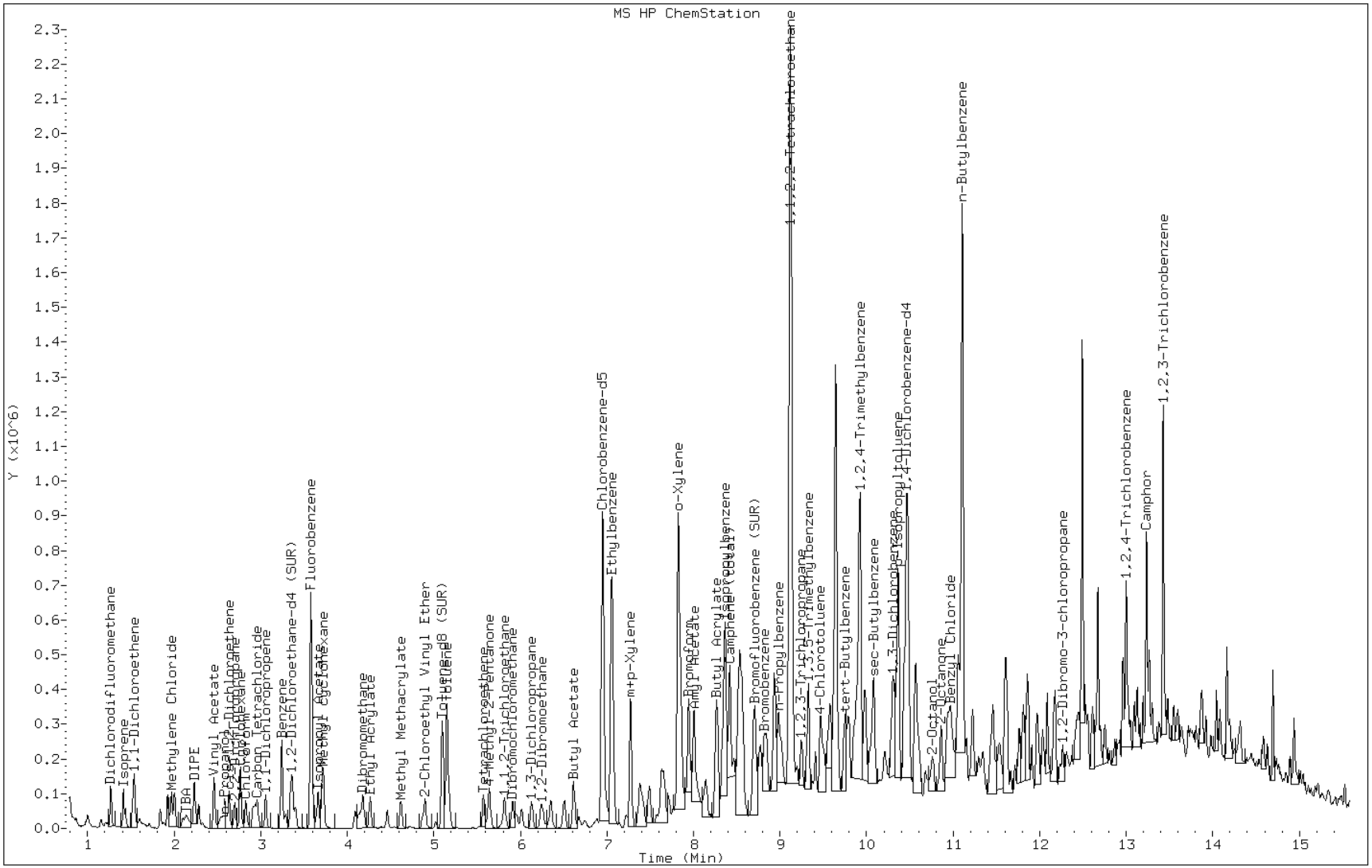
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: e05044.d

Date: 03-JUL-2012 23:55

Client ID: Instrument: VOAMS5.i

Sample Info: 460-41730-A-17-C MSD;100;;3.23;10 Operator: VOAMS5



Manual Integration Report

Data File: e05044.d
Inj. Date and Time: 03-JUL-2012 23:55
Instrument ID: VOAMS5.i
Client ID:
Compound: 60 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/10/2012

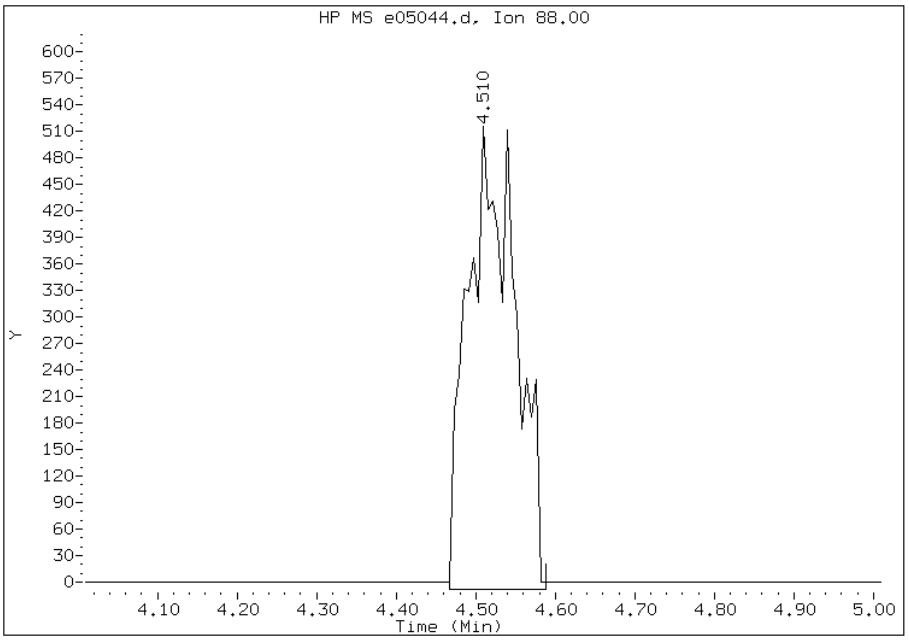
Processing Integration Results

RT: 4.51

Response: 2198

Amount: 89

Conc: 17895



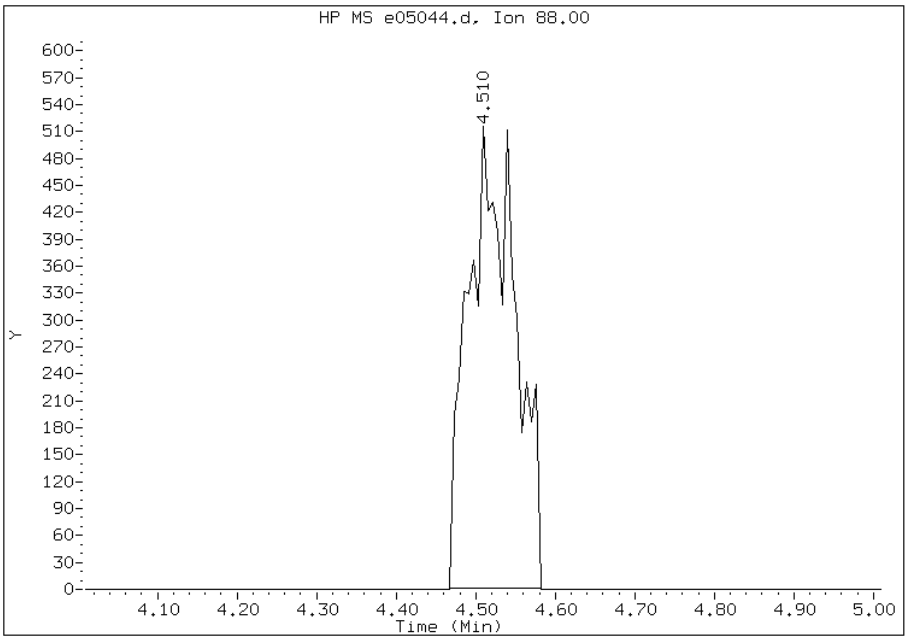
Manual Integration Results

RT: 4.51

Response: 2129

Amount: 87

Conc: 26827



Manually Integrated By: maryb
Manual Integration Reason:

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 06/21/2012 18:14

Analysis Batch Number: 117082 End Date: 06/22/2012 04:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-117082/1		06/21/2012 18:14	1	o61386.d	DB-624 0.18(mm)
IC 460-117082/2		06/21/2012 19:31	1	o61389.d	DB-624 0.18(mm)
ICIS 460-117082/3		06/21/2012 19:56	1	o61390.d	DB-624 0.18(mm)
IC 460-117082/4		06/21/2012 20:21	1	o61391.d	DB-624 0.18(mm)
IC 460-117082/5		06/21/2012 20:46	1	o61392.d	DB-624 0.18(mm)
IC 460-117082/6		06/21/2012 21:11	1	o61393.d	DB-624 0.18(mm)
IC 460-117082/7		06/21/2012 23:37	1	o61398.d	DB-624 0.18(mm)
ZZZZZ		06/22/2012 01:16	1		DB-624 0.18(mm)
ZZZZZ		06/22/2012 01:44	1		DB-624 0.18(mm)
ZZZZZ		06/22/2012 03:01	1		DB-624 0.18(mm)
ZZZZZ		06/22/2012 03:26	1		DB-624 0.18(mm)
ZZZZZ		06/22/2012 03:51	1		DB-624 0.18(mm)
ZZZZZ		06/22/2012 04:16	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 06/27/2012 16:35

Analysis Batch Number: 117746 End Date: 06/28/2012 03:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-117746/1		06/27/2012 16:35	1	o61600.d	DB-624 0.18(mm)
CCVIS 460-117746/2		06/27/2012 17:07	1	o61601.d	DB-624 0.18(mm)
LCS 460-117746/3		06/27/2012 17:32	1	o61602.d	DB-624 0.18(mm)
LCSD 460-117746/4		06/27/2012 17:57	1	o61603.d	DB-624 0.18(mm)
MB 460-117746/5		06/27/2012 18:48	1	o61605.d	DB-624 0.18(mm)
ZZZZZ		06/27/2012 19:13	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 19:38	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 20:03	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 20:28	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 20:53	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 21:18	1		DB-624 0.18(mm)
LB3 460-117585/1-A		06/27/2012 22:07	1	o61613.d	DB-624 0.18(mm)
ZZZZZ		06/27/2012 22:32	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 22:57	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 23:22	1		DB-624 0.18(mm)
ZZZZZ		06/27/2012 23:47	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 00:12	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 01:51	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 02:16	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 02:41	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 03:06	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 03:30	1		DB-624 0.18(mm)
ZZZZZ		06/28/2012 03:55	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 07/02/2012 04:31

Analysis Batch Number: 118221 End Date: 07/02/2012 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-118221/1		07/02/2012 04:31	1	o61778.d	DB-624 0.18(mm)
CCVIS 460-118221/2		07/02/2012 04:54	1	o61779.d	DB-624 0.18(mm)
LCS 460-118221/3		07/02/2012 05:18	1	o61780.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 06:26	1		DB-624 0.18(mm)
MB 460-118221/5		07/02/2012 07:51	1	o61784.d	DB-624 0.18(mm)
460-41730-1	SL-10	07/02/2012 08:16	1	o61785.d	DB-624 0.18(mm)
460-41730-2	SF-26	07/02/2012 08:41	1	o61786.d	DB-624 0.18(mm)
460-41730-3	SF-27	07/02/2012 09:06	1	o61787.d	DB-624 0.18(mm)
460-41730-4	SF-28	07/02/2012 09:31	1	o61788.d	DB-624 0.18(mm)
460-41730-6	SF-30	07/02/2012 09:56	1	o61789.d	DB-624 0.18(mm)
460-41730-7	SF-31	07/02/2012 10:21	1	o61790.d	DB-624 0.18(mm)
460-41730-8	SF-32	07/02/2012 10:46	1	o61791.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 11:11	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 11:36	1		DB-624 0.18(mm)
460-41730-5 MS	SF-29 MS	07/02/2012 12:01	1	o61794.d	DB-624 0.18(mm)
460-41730-5 MSD	SF-29 MSD	07/02/2012 12:32	1	o61795.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 12:57	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 13:22	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 13:47	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 14:12	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 14:37	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 15:02	1		DB-624 0.18(mm)
ZZZZZ		07/02/2012 15:27	1		DB-624 0.18(mm)
460-41730-15	F-21	07/02/2012 15:52	1	o61803.d	DB-624 0.18(mm)
460-41730-16	F-22	07/02/2012 16:17	1	o61804.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 16:42	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 07/02/2012 17:03

Analysis Batch Number: 118368 End Date: 07/03/2012 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-118368/1		07/02/2012 17:03	1	o61806.d	DB-624 0.18(mm)
CCVIS 460-118368/2		07/02/2012 17:29	1	o61807.d	DB-624 0.18(mm)
LCS 460-118368/3		07/02/2012 17:54	1	o61808.d	DB-624 0.18(mm)
LCSD 460-118368/4		07/02/2012 18:19	1	o61809.d	DB-624 0.18(mm)
MB 460-118368/5		07/02/2012 19:52	1	o61812.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 20:33	1		DB-624 0.18(mm)
460-41730-5	SF-29	07/02/2012 20:58	1	o61814.d	DB-624 0.18(mm)
ZZZZZ		07/02/2012 21:23	1		DB-624 0.18(mm)
460-41730-9	SF-33	07/02/2012 21:48	1	o61816.d	DB-624 0.18(mm)
460-41730-10	FD-H	07/02/2012 22:13	1	o61817.d	DB-624 0.18(mm)
460-41730-11	F-17	07/02/2012 22:38	1	o61818.d	DB-624 0.18(mm)
460-41730-12	F-18	07/02/2012 23:03	1	o61819.d	DB-624 0.18(mm)
460-41730-13	F-19	07/02/2012 23:28	1	o61820.d	DB-624 0.18(mm)
460-41730-18	F-24	07/02/2012 23:53	1	o61821.d	DB-624 0.18(mm)
460-41730-20	F-26	07/03/2012 00:18	1	o61822.d	DB-624 0.18(mm)
460-41730-21	F-27	07/03/2012 00:43	1	o61823.d	DB-624 0.18(mm)
460-41730-22	F-28	07/03/2012 01:08	1	o61824.d	DB-624 0.18(mm)
460-41730-23	FD-J	07/03/2012 01:33	1	o61825.d	DB-624 0.18(mm)
ZZZZZ		07/03/2012 01:58	1		DB-624 0.18(mm)
ZZZZZ		07/03/2012 02:23	1		DB-624 0.18(mm)
ZZZZZ		07/03/2012 02:48	1		DB-624 0.18(mm)
ZZZZZ		07/03/2012 04:02	1		DB-624 0.18(mm)
ZZZZZ		07/03/2012 04:27	1		DB-624 0.18(mm)
ZZZZZ		07/03/2012 04:52	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 07/03/2012 09:11

Analysis Batch Number: 118471 End Date: 07/03/2012 18:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-118471/1		07/03/2012 09:11	1	e05007.d	Rtx-VMS 0.18(mm)
IC 460-118471/2		07/03/2012 09:31	1	e05008.d	Rtx-VMS 0.18(mm)
IC 460-118471/3		07/03/2012 10:18	1	e05010.d	Rtx-VMS 0.18(mm)
ICIS 460-118471/4		07/03/2012 10:41	1	e05011.d	Rtx-VMS 0.18(mm)
IC 460-118471/5		07/03/2012 11:04	1	e05012.d	Rtx-VMS 0.18(mm)
IC 460-118471/6		07/03/2012 11:28	1	e05013.d	Rtx-VMS 0.18(mm)
IC 460-118471/7		07/03/2012 11:51	1	e05014.d	Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 13:31	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 13:31	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 13:55	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 15:05	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 15:28	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 15:52	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 16:15	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 16:39	100		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 17:02	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 17:25	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 17:49	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 18:12	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 18:36	50		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 07/03/2012 20:07

Analysis Batch Number: 118537 End Date: 07/04/2012 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-118537/1		07/03/2012 20:07	1	e05035.d	Rtx-VMS 0.18(mm)
CCVIS 460-118537/2		07/03/2012 20:33	1	e05036.d	Rtx-VMS 0.18(mm)
LCS 460-118537/3		07/03/2012 20:56	50	e05037.d	Rtx-VMS 0.18(mm)
MB 460-118537/4		07/03/2012 22:17	50	e05040.d	Rtx-VMS 0.18(mm)
460-41730-14	F-20	07/03/2012 22:45	50	e05041.d	Rtx-VMS 0.18(mm)
460-41730-17	F-23	07/03/2012 23:08	50	e05042.d	Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 23:31	100		Rtx-VMS 0.18(mm)
460-41730-17 MS	F-23 MS	07/03/2012 23:31	100	e05043.d	Rtx-VMS 0.18(mm)
ZZZZZ		07/03/2012 23:55	100		Rtx-VMS 0.18(mm)
460-41730-17 MSD	F-23 MSD	07/03/2012 23:55	100	e05044.d	Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 01:05	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 01:28	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 01:52	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 02:15	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 02:38	50		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 03:01	100		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 03:25	250		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 03:48	500		Rtx-VMS 0.18(mm)
ZZZZZ		07/04/2012 04:11	500		Rtx-VMS 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117582 Batch Start Date: 06/27/12 02:05 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 06/27/12 04:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8PrepSU 00047			
460-41730-A-14	F-20	5035, 8260B	T	2.71 g	10 mL	10 mL			
460-41730-A-17	F-23	5035, 8260B	T	2.88 g	10 mL	10 mL			
460-41730-A-17 MS	F-23	5035, 8260B	T	3.30 g	10 mL	10 mL			
460-41730-A-17 MSD	F-23	5035, 8260B	T	3.23 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117585 Batch Start Date: 06/27/12 03:03 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 06/27/12 04:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-117585/1		5035, 8260B		5 g	5 mL				
460-41730-B-1	SL-10	5035, 8260B	T	5.51 g	5 mL				
460-41730-B-2	SF-26	5035, 8260B	T	4.81 g	5 mL				
460-41730-B-3	SF-27	5035, 8260B	T	5.37 g	5 mL				
460-41730-B-4	SF-28	5035, 8260B	T	5.56 g	5 mL				
460-41730-C-5	SF-29	5035, 8260B	T	5.43 g	5 mL				
460-41730-B-5 MS	SF-29	5035, 8260B	T	5.42 g	5 mL				
460-41730-B-5 MSD	SF-29	5035, 8260B	T	5.33 g	5 mL				
460-41730-B-6	SF-30	5035, 8260B	T	4.57 g	5 mL				
460-41730-B-7	SF-31	5035, 8260B	T	5.07 g	5 mL				
460-41730-B-8	SF-32	5035, 8260B	T	3.69 g	5 mL				
460-41730-B-9	SF-33	5035, 8260B	T	5.69 g	5 mL				
460-41730-B-10	FD-H	5035, 8260B	T	4.93 g	5 mL				
460-41730-B-11	F-17	5035, 8260B	T	4.69 g	5 mL				
460-41730-B-12	F-18	5035, 8260B	T	4.90 g	5 mL				
460-41730-B-13	F-19	5035, 8260B	T	4.92 g	5 mL				
460-41730-B-15	F-21	5035, 8260B	T	4.63 g	5 mL				
460-41730-B-16	F-22	5035, 8260B	T	4.02 g	5 mL				
460-41730-B-18	F-24	5035, 8260B	T	4.88 g	5 mL				
460-41730-B-20	F-26	5035, 8260B	T	5.34 g	5 mL				
460-41730-B-21	F-27	5035, 8260B	T	3.90 g	5 mL				
460-41730-B-22	F-28	5035, 8260B	T	5.03 g	5 mL				
460-41730-B-23	FD-J	5035, 8260B	T	4.41 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b

Date Generated: 06/22/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/21/12 1814	o61386.d	2	BFB		0	0	1	all			G
06/21/12 1840	o61387.d	1	IC-VMCAL1		5	5	1	all		8260 LOW 8260 IS: 1557062 SURR 250: 1557063 GAS 50: 1575339 MIX 1 50: 1554336 MIX 2 50: 1554339 MIX 3: 1554350 AC/AC: 1554352 GAS SP: 1575341 8260 SP: 1554330 MIX 1 SP: 1554351 AC/AC SP: 1554353 MISC:	NG
06/21/12 1905	o61388.d	2	IC-VMCAL1		5	5	1	all			NG
06/21/12 1931	o61389.d	3	IC-VMCAL2		5	5	1	all			G
06/21/12 1956	o61390.d	4	ICIS-VMCAL3		5	5	1	all			G
06/21/12 2021	o61391.d	5	IC-VMCAL4		5	5	1	all			G
06/21/12 2046	o61392.d	6	IC-VMCAL5		5	5	1	all			G
06/21/12 2111	o61393.d	7	IC-VMCAL6		5	5	1	all			G
06/21/12 2136	o61394.d	8	BLK		5	5	1	all		1554357	NG cleanup.
06/21/12 2201	o61395.d	9	BLK		5	5	1	all		m,o,H	NG cleanup.
06/21/12 2237	o61396.d	10	LCS		5	5	1	all		117046	(N.U.)
06/21/12 2302	o61397.d	11	BLK		5	5	1	all			NG cleanup.
06/21/12 2337	o61398.d	12	IC-VMCAL1		5	5	1	all			G
06/22/12 0026	o61399.d	13	ICV		5	5	1	all			NG

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b

Date Generated: 06/22/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/22/12 0050	o61400.d	14	LCS		5	5	1	all			NC
06/22/12 0116	o61401.d	15	LCS		5	5	1	all			C
06/22/12 0144	o61402.d	16	LCSD		5	5	1	all			C
06/22/12 0211	o61403.d	17	MB		5	5	1	all			NC cleanup.
06/22/12 0236	o61404.d	18	MB		5	5	1	all			NC cleanup.
06/22/12 0301	o61405.d	19	LB3 460-116698/1-A		5	5	1	all			C
06/22/12 0326	o61406.d	20	MB		5	5	1	all			C
06/22/12 0351	o61407.d	21	460-41202-B-1-A	P-1-0.0	3.75	5	1	all			C
06/22/12 0416	o61408.d	23	460-41387-D-1-A	WC-1	6.766	5	1	all			C

Signed: Auberto for Ken B. Read and Understood by: A. Tupaz

Date: 06/22/12 Date: 06/22/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b

Date Generated: 06/28/2012

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117746

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/27/12 1635	o61600.d	2	BFB		0	0	1	all			G
06/27/12 1707	o61601.d	1	CCVIS		5	5	1	all		8260 LOW 8260 IS: 1557062 SURR 250: 1557063 GAS 50: 1588981 MIX 1 50: 1554336 MIX 2 50: 1554339 MIX 3: 1554350 AC/AC: 1554352 GAS SP: 1588983 8260 SP: 1554338 MIX 3 SP: 1554351 AC/AC SP: 1554353 MISC:	G
06/27/12 1732	o61602.d	2	LCS		5	5	1	all			G
06/27/12 1757	o61603.d	3	LCSD		5	5	1	all			G
06/27/12 1823	o61604.d	4	MB		5	5	1	all			NG cleanup
06/27/12 1848	o61605.d	5	MB		5	5	1	all			G
06/27/12 1913	o61606.d	6	LB3 460-117368/1-A		5	5	1	all			G
06/27/12 1938	o61607.d	7	460-41658-A-7-A	12107-B7	5.33	5	1	all			G
06/27/12 2003	o61608.d	8	460-41492-B-21-A	F-6	3.74	5	1	all		MeOH	G
06/27/12 2028	o61609.d	9	460-41668-A-1-G	VX-1	5.17	5	1	all		117046	G
06/27/12 2053	o61610.d	10	460-41492-B-21-B MS	F-6	4.29	5	1	all			G
06/27/12 2118	o61611.d	11	460-41492-B-21-CMSD		4.29	5	1	all			G
06/27/12 2143	o61612.d	12	blk		5	5	1	all	—		NG cleanup
06/27/12 2207	o61613.d	13	LB3 460-117585/1-A		5	5	1	all			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b

Date Generated: 06/28/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/27/12 2232	o61614.d	14	LB3 460-117655/1-A		5	5	1	all			G
06/27/12 2257	o61615.d	15	460-41745-C-3-A	SB30A-22-25JUN12-0.	5.14	5	1	all			G
06/27/12 2322	o61616.d	16	460-41745-C-6-A	SB30A-24-25JUN12-0.	5.02	5	1	all			G
06/27/12 2347	o61617.d	17	460-41745-C-8-A	SB30A-FD-25JUN12	5.17	5	1	all			G
06/28/12 0012	o61618.d	18	460-41746-F-1-A	WC30A-01-25JUN12	5.43	5	1	all			G
06/28/12 0037	o61619.d	19	LB3 460-117577/1-A		5	5	1	all			RR c/o
06/28/12 0102	o61620.d	20	460-41711-A-6-B	Grab #3	5.5	5	1	all			RR c/o
06/28/12 0127	o61621.d	21	460-41711-A-2-B	Grab #1	5.76	5	1	all			RR c/o
06/28/12 0151	o61622.d	22	460-41711-A-4-B	Grab #2	4.59	5	1	all			G
06/28/12 0216	o61623.d	23	460-41746-C-2-A	WC30A-02-25JUN12	5.52	5	1	all			G
06/28/12 0241	o61624.d	24	460-41745-C-7-A	SB30A-24-25JUN12-1.	5.13	5	1	all			G
06/28/12 0306	o61625.d	25	460-41745-C-5-A	SB30A-23-25JUN12-0.	5.09	5	1	all			G
06/28/12 0330	o61626.d	26	460-41745-C-7-B MS	SB30A-24-25JUN12-1.	4.4	5	1	all			G
06/28/12 0355	o61627.d	27	460-41745-C-7-C MSD	SB30A-24-25JUN12-1.	5.89	5	1	all			G

Signed: Audberto for KimB. 06/28/12 Read and Understood by: H. Tyagart 06/28/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b

Date Generated: 07/02/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/02/12 0431	o61778.d	2	BFB		0	0	1	all		8260 LOW 8260 IS: 1557062 SURR 250: 1557063 GAS 50: 1603141 MIX 1 50: 1554336 MIX 2 50: 1554339 MIX 3: 1554350 AC/AC: 1554352 GAS SP: 1603143 8260 SP: 1554338 MIX 3 SP: 1554351 AC/AC SP: 1554353 MISC: DCFM 1554383 1554404 MeOH: 117046	L
07/02/12 0454	o61779.d	1	CCVIS		5	5	1	all			L
07/02/12 0518	o61780.d	2	LCS		5	5	1	all			L
07/02/12 0626	o61781.d	3	LCSD		5	5	1	all			L
07/02/12 0701	o61782.d	4	MB		5	5	1	all			NL clean up
07/02/12 0726	o61783.d	5	MB		5	5	1	all			NL clean up
07/02/12 0751	o61784.d	6	MB		5	5	1	all			L
07/02/12 0816	o61785.d	7	460-41730-B-1-A	SL-10	5.51	5	1	all			L
07/02/12 0841	o61786.d	8	460-41730-B-2-A	SF-26	4.81	5	1	all			L
07/02/12 0906	o61787.d	9	460-41730-B-3-A	SF-27	5.37	5	1	all			L
07/02/12 0931	o61788.d	10	460-41730-B-4-A	SF-28	5.56	5	1	all			L
07/02/12 0956	o61789.d	11	460-41730-B-6-A	SF-30	4.57	5	1	all			L
07/02/12 1021	o61790.d	12	460-41730-B-7-A	SF-31	5.07	5	1	all			L
07/02/12 1046	o61791.d	13	460-41730-B-8-A	SF-32	3.69	5	1	all			L

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12.b

Date Generated: 07/02/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/02/12 1111	o61792.d	14	460-41740-C-10-A	FF1-0.5-1.0	4.15	5	1	all			↳ RR V4 needs THE
07/02/12 1136	o61793.d	15	460-41740-C-12-A	FF2-0.5-1.0	4.53	5	1	all			↳ RR V4 needs THE
07/02/12 1201	o61794.d	16	460-41730-B-5-B MS	SF-29	5.42	5	1	all			↳ biased ↓, Mn, Fe
07/02/12 1232	o61795.d	17	460-41730-B-5-C MSD	SF-29	5.33	5	1	all			↳ biased ↓, Mn, Fe
07/02/12 1257	o61796.d	18	BLANK		5	5	1	all			Mn clean up
07/02/12 1322	o61797.d	19	460-41730-B-5-A	SF-29	4.95	5	1	all			Mn RR C/O
07/02/12 1347	o61798.d	20	460-41832-C-2-A	PX3S-1-1(8-8.5')	5.03	5	1	all			↳
07/02/12 1412	o61799.d	21	460-41832-B-3-A	PX3S-1-2(7-7.5')	5.48	5	1	all			↳
07/02/12 1437	o61800.d	22	460-41832-B-4-A	PX3S-1-3(7-7.5')	6.41	5	1	all			↳
07/02/12 1502	o61801.d	23	460-41832-B-5-A	PX3S-1-4(5.5-6')	5.64	5	1	all			↳
07/02/12 1527	o61802.d	24	460-41832-B-6-A	PX3S-1-5(3-3.5')	6.12	5	1	all			↳
07/02/12 1552	o61803.d	25	460-41730-B-15-A	F-21	4.63	5	1	all			↳
07/02/12 1617	o61804.d	26	460-41730-B-16-A	F-22	4.02	5	1	all			↳
07/02/12 1642	o61805.d	27	BLANK		5	5	1	all			Mn clean up

Signed: Eddie Ma for AT 07/02/12 Read and Understood by: Ken Boykin 07/02/12

07/12/2012

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b

Date Generated: 07/03/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/02/12 1703	o61806.d	2	BFB		0	0	1	all			G
07/02/12 1729	o61807.d	1	CCVIS		5	5	1	all		8260 LOW 8260 IS: 155706L SURR 250: 1553663	G
07/02/12 1754	o61808.d	2	LCS		5	5	1	all		GAS 50: 1603141 MIX 1 50: 1554326	G
07/02/12 1819	o61809.d	3	LCSD		5	5	1	all		MIX 2 50: 1554339 MIX 3: 1554350	G
07/02/12 1902	o61810.d	4	MB		5	5	1	all		AC/AC: 1554352	NG-clo
07/02/12 1927	o61811.d	5	MB		5	5	1	all		GAS SP: 1603143 8260 SP: 1554338	↓
07/02/12 1952	o61812.d	6	MB		5	5	1	all		MIX 3 SP: 1554351 AC/AC SP: 1554353	G
07/02/12 2033	o61813.d	7	LB3 460-117024/1-A		5	5	1	all		MISC: BFB 1553820 MeOH 117046	G
07/02/12 2058	o61814.d	8	460-41730-C-5-A	SF-29	5.43	5	1	all			G - link to batch # 118221
07/02/12 2123	o61815.d	9	460-41741-E-12-A	SEPTIC-2	5.983	5	1	all			G
07/02/12 2148	o61816.d	10	460-41730-B-9-A	SF-33	5.69	5	1	all			G
07/02/12 2213	o61817.d	11	460-41730-B-10-A	FD-H	4.93	5	1	all			G
07/02/12 2238	o61818.d	12	460-41730-B-11-A	F-17	4.69	5	1	all			G
07/02/12 2303	o61819.d	13	460-41730-B-12-A	F-18	4.9	5	1	all			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS12.i

Analytical Batch: /chem/VOAMS12.i/8260L_10/06-21-12/02jul12a.b

Date Generated: 07/03/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/02/12 2328	o61820.d	14	460-41730-B-13-A	F-19	4.92	5	1	all			
07/02/12 2353	o61821.d	15	460-41730-B-18-A	F-24	4.88	5	1	all			G
07/03/12 0018	o61822.d	16	460-41730-B-20-A	F-26	5.34	5	1	all			G
07/03/12 0043	o61823.d	17	460-41730-B-21-A	F-27	3.9	5	1	all			G
07/03/12 0108	o61824.d	18	460-41730-B-22-A	F-28	5.03	5	1	all			G
07/03/12 0133	o61825.d	19	460-41730-B-23-A	FD-J	4.41	5	1	all			G
07/03/12 0158	o61826.d	20	460-41793-C-9-A	HF9-6.0-6.5	5.68	5	1	all			G
07/03/12 0223	o61827.d	21	460-41793-B-1-A	C3-0.5-1.0	4.69	5	1	all			G
07/03/12 0248	o61828.d	22	460-41764-B-2-A	1805-Play-1/0.5-1.0	5.22	5	1	all			G
07/03/12 0313	o61829.d	23	460-40659-A-1-H	Waste Class - 1	5.84	5	1	all			G
07/03/12 0337	o61830.d	24	BLANK		5	5	1	all			NG Int. ↓
07/03/12 0402	o61831.d	25	BLANK		5	5	1	all			Cleanup
07/03/12 0427	o61832.d	26	LB3 460-117823/1-A		5	5	1	all			↓
07/03/12 0452	o61833.d	27	LB3 460-117840/1-A		5	5	1	all			G
											G

Signed: Sawath Desai for Eddie 07/03/12 Read and Understood by: Sawath Desai 07/03/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260/07-03-12/03jul12.b

Date Generated: 07/04/2012

Page 1

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/03/12 0911	e05007.d	2	BFB		0	0	1	all		8260 HIGH	
07/03/12 0931	e05008.d	1	IC-VMCAL1		5	10	1	all		8260 IS: 1560361 SURR 500: —	G
07/03/12 0954	e05009.d	2	IC-VMCAL1		5	10	1	all		SURR 250: 1560362 GAS 500: 1603142	G
07/03/12 1018	e05010.d	3	IC-VMCAL2		5	10	1	all		MIX 1 500: 1606820 MIX 2 500: 1606851	NG (primer)
07/03/12 1041	e05011.d	4	ICIS-VMCAL3		5	10	1	all		MIX 3: 1606852 AC/AC: 1606885	G
07/03/12 1104	e05012.d	5	IC-VMCAL4		5	10	1	all	1603142	GAS SP: 1606884 8260 SP: 1606850	G
07/03/12 1128	e05013.d	6	IC-VMCAL5		5	10	1	all		MIX 3 SP: 1606853 AC/AC SP: 1606886	G
07/03/12 1151	e05014.d	7	IC-VMCAL6		5	10	1	all		MISC: 1,4-DIOX 1606887 1606888	G
07/03/12 1215	e05015.d	8	BLANK		5	10	1	all		BFB: 1606918	NG clean up
07/03/12 1238	e05016.d	9	BLANK		5	10	1	all		KOH: 117046	NG clean up
07/03/12 1302	e05017.d	10	BLANK		5	10	1	all			NG clean up
07/03/12 1331	e05018.d	11	ICV		5	10	50	all			G
07/03/12 1331	e05018a.	11	LCS		5	10	50	all			G
07/03/12 1355	e05019.d	12	LCSD		5	10	50	all			G

07/12/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260/07-03-12/03jul12.b

Date Generated: 07/04/2012

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/03/12 1418	e05020.d	13	MB		5	10	50	all			NM clean up
07/03/12 1442	e05021.d	14	MB		5	10	50	all			NM clean up
07/03/12 1505	e05022.d	15	MB		5	10	50	all			G
07/03/12 1528	e05023.d	16	450-5127-A-9-A	SS-6 @ 5	5.66	5	50	SPOTTS			G CF E05047 RR Surrs↓
07/03/12 1552	e05024.d	17	450-5127-A-12-A	SS-9 @ 8	6.13	5	50	SPOTTS			G CF E05052 RR 100X
07/03/12 1615	e05025.d	18	450-5127-A-1-A	SS-1 @ 13	5.49	5	50	SPOTTS			G CF E05049 RR Surrs↓
07/03/12 1639	e05026.d	19	450-5127-A-3-A RA	SS-2 @ 4	2.82	5	100	SPOTTS			G CF E05054 RR 500X
07/03/12 1702	e05027.d	20	450-5127-A-5-A RA	SS-3 @ 11	4.82	5	50	SPOTTS			G CF E05050 RR C/O
07/03/12 1725	e05028.d	21	450-5127-A-7-A RA	SS-4 @ 13	5.97	5	50	SPOTTS			G CF SS AT. E05048 RR 500X
07/03/12 1749	e05029.d	22	450-5127-A-8-A RA	SS-5 @ 13	6.37	5	50	SPOTTS			G CF E05048 RR C/O
07/03/12 1812	e05030.d	23	450-5127-A-10-A RA	SS-7 @ 14	5.42	5	50	SPOTTS			G CF E05053 RR 250X
07/03/12 1836	e05031.d	24	450-5127-A-11-A	SS-8 @ 14	6.19	5	50	all			G CF E05051 RR Surrs↓
07/03/12 1859	e05032.d	25	450-5127-A-1-A MS	SS-1 @ 13	5.49	5	100	all			NM (LCS/LCSD USED)
07/03/12 1922	e05033.d	26	450-5127-A-1-A MSD	SS-1 @ 13	5.49	5	100	all			NM (LCS/LCSD USED)

Page 3077 of 3086 SAMPLE Report for this batch

MS 7/11/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260/07-03-12/03jul12.b

Date Generated: 07/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/03/12 1945	e05034.d	27	BLANK		5	10	1	all			NA clean up

Dilutions: 50x – 1.0 ml → 50 ml FV

100x – 0.5 ml → 50 ml

Signed: Eddie M Read and Understood by:

Date: 07/03/12 Date: 07/05/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b

Date Generated: 07/04/2012

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/04/12 0152	e05049.d	14	450-5127-A-1-A RA	SS-1 @ 13	5.49	5	50	all		Not reported, CD	Surr + IS CF E05025
07/04/12 0215	e05050.d	15	450-5127-A-5-A	SS-3 @ 11	4.82	5	50	all	*	Report	Surr + IS CF E05027
07/04/12 0238	e05051.d	16	450-5127-A-11-A RA	SS-8 @ 14	6.19	5	50	all		Report	Surr + IS CF E05031
07/04/12 0301	e05052.d	17	450-5127-A-12-A	SS-9 @ 8	6.13	5	100	all		Report	Surr + IS CF E05024
07/04/12 0325	e05053.d	18	450-5127-A-10-A	SS-7 @ 14	5.42	5	250	all		Not reported	Surr + IS CF E05030
07/04/12 0348	e05054.d	19	450-5127-A-3-A	SS-2 @ 4	2.82	5	500	all		Report	Surr + IS CF E05026
07/04/12 0411	e05055.d	20	450-5127-A-7-A	SS-4 @ 13	5.97	5	500	all		Report	Surr + IS CF E05028
07/04/12 0435	e05056.d	21	BLANK		5	10	1	all			NC cleanup.
07/04/12 0458	e05057.d	22	BLANK		5	10	1	all			NC cleanup.
07/04/12 0521	e05058.d	23	460-41789-D-15-A	VO-5A	7.358	5	20000	all			RR 500X

Signed: Audberto for Eddie. Read and Understood by: A. Tyszack

Date: 07/04/12 Date: 07/04/12

* Surrogate used to spike terracores was approximately 60% low. Spike amount adjusted in prep batch

MB 7/11/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260/07-03-12/03jul12a.b

Date Generated: 07/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	PV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
07/04/12 0152	e05049.d	14	450-5127-A-1-A RA	SS-1 @ 13	5.49	5	50	all			CF Surr + LCS E05025
07/04/12 0215	e05050.d	15	450-5127-A-5-A	SS-3 @ 11	4.82	5	50	all			CF Surr + LCS E05027
07/04/12 0238	e05051.d	16	450-5127-A-11-A RA	SS-8 @ 14	6.19	5	50	all			CF Surr + LCS E05031
07/04/12 0301	e05052.d	17	450-5127-A-12-A	SS-9 @ 8	6.13	5	100	all			CF Surr + LCS E05024
07/04/12 0325	e05053.d	18	450-5127-A-10-A	SS-7 @ 14	5.42	5	250	all			CF Surr + LCS E05030
07/04/12 0348	e05054.d	19	450-5127-A-3-A	SS-2 @ 4	2.82	5	500	all			CF Surr + LCS E05026
07/04/12 0411	e05055.d	20	450-5127-A-7-A	SS-4 @ 13	5.97	5	500	all			CF Surr + LCS E05028
07/04/12 0435	e05056.d	21	BLANK		5	10	1	all			NC cleanup.
07/04/12 0458	e05057.d	22	BLANK		5	10	1	all			NC cleanup.
07/04/12 0521	e05058.d	23	460-41789-D-15-A	VO-5A	7.358	5	20000	all			RR 500X

Signed: Ardberto Jose Addie. Read and Understood by: A. Tupaz

Date: 07/04/12 Date: 07/04/12

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SL-10	460-41730-1	92	87	71	73	59	88
SF-26	460-41730-2	101	96	82	83	75	103
SF-27	460-41730-3	104	94	73	77	86	80
SF-28	460-41730-4	97	94	76	84	75	92
SF-29	460-41730-5	67	71	54	52	58	101
SF-30	460-41730-6	94	94	72	78	69	87
SF-31	460-41730-7	87	92	78	79	71	99
SF-32	460-41730-8	105	104	76	87	76	104
SF-33	460-41730-9	110	100	77	85	76	94
FD-H	460-41730-10	98	103	80	77	75	105
F-17	460-41730-11	107	106	80	80	75	113
F-18	460-41730-12	107	99	79	81	64	100
F-19	460-41730-13	91	89	71	79	71	102
F-20	460-41730-14	65	68	65	74	59	62
F-21	460-41730-15	94	90	65	63	61	93
F-22	460-41730-16	92	89	77	79	67	108
F-23	460-41730-17	77	76	78	83	61	73
F-24	460-41730-18	96	93	68	72	65	104
F-26	460-41730-20	98	101	73	72	64	96
F-27	460-41730-21	97	99	74	77	59	100
F-28	460-41730-22	101	95	77	82	62	99
FD-J	460-41730-23	76	76	79	85	63	90
	MB 460-118529/1-A	93	91	69	71	85	92
	MB 460-118530/1-A	76	79	71	75	74	88
	LCS 460-118529/2-A	80	76	66	66	75	78
	LCS 460-118530/2-A	69	69	68	75	71	71
SF-29 MS	460-41730-5 MS	64	75	48	57	66	88
F-23 MS	460-41730-17 MS	80	83	78	94	69	76
SF-29 MSD	460-41730-5 MSD	56	62	47	55	64	91
F-23 MSD	460-41730-17 MSD	75	79	73	89	65	67

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78029.d

Lab ID: LCS 460-118529/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	5100	77	54-115	
2-Chlorophenol	6670	5550	83	56-110	
2-Methylphenol	6670	5620	84	54-117	
4-Methylphenol	6670	5240	79	47-103	
Benzaldehyde	3330	1780	54	10-160	
Acetophenone	3330	2330	70	40-95	
Bis(2-chloroethyl)ether	3330	2500	75	44-101	
2,2'-oxybis[1-chloropropane]	3330	2430	73	45-102	
N-Nitrosodi-n-propylamine	3330	2570	77	42-107	
Nitrobenzene	3330	2230	67	42-106	
Hexachloroethane	3330	2220	67	45-90	
Isophorone	3330	2370	71	48-97	
2-Nitrophenol	6670	5280	79	55-101	
2,4-Dimethylphenol	6670	5940	89	56-112	
2,4-Dichlorophenol	6670	5530	83	58-115	
Bis(2-chloroethoxy)methane	3330	2530	76	51-100	
Naphthalene	3330	2390	72	53-94	
4-Chloroaniline	3330	1670	50	10-96	
Hexachlorobutadiene	3330	2460	74	45-98	
Caprolactam	3330	1370	41	10-127	
4-Chloro-3-methylphenol	6670	5520	83	55-117	
2-Methylnaphthalene	3330	2530	76	51-98	
Hexachlorobenzene	3330	2620	79	43-104	
Hexachlorocyclopentadiene	3330	1780	53	24-98	
2,4,6-Trichlorophenol	6670	5580	84	53-118	
2,4,5-Trichlorophenol	6670	5760	86	50-115	
Diphenyl	3330	2530	76	50-105	
2-Chloronaphthalene	3330	2690	81	51-102	
2-Nitroaniline	3330	2670	80	51-109	
2,6-Dinitrotoluene	3330	2970	89	51-115	
Dimethyl phthalate	3330	2620	79	52-112	
Acenaphthylene	3330	2600	78	51-103	
3-Nitroaniline	3330	2030	61	32-104	
Acenaphthene	3330	2390	72	46-100	
4-Nitrophenol	6670	4880	73	45-114	
2,4-Dinitrophenol	6670	2330	35	10-129	
Dibenzofuran	3330	2510	75	52-106	
Diethyl phthalate	3330	2500	75	52-114	
Fluorene	3330	2540	76	51-108	
Fluoranthene	3330	2700	81	49-108	
Di-n-butyl phthalate	3330	2520	76	50-108	
2,4-Dinitrotoluene	3330	2810	84	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78029.d

Lab ID: LCS 460-118529/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2740	82	50-106	
4-Nitroaniline	3330	2660	80	45-106	
4,6-Dinitro-2-methylphenol	6670	3030	45	10-110	
4-Bromophenyl phenyl ether	3330	2820	84	44-102	
Atrazine	3330	2160	65	30-100	
Anthracene	3330	2870	86	50-107	
Carbazole	3330	2450	74	49-104	
Phenanthrene	3330	2690	81	48-108	
Pentachlorophenol	6670	4570	68	19-113	
Pyrene	3330	2510	75	49-116	
Chrysene	3330	2420	73	45-114	
Benzo[k]fluoranthene	3330	2650	79	35-115	
Benzo[g,h,i]perylene	3330	2630	79	43-106	
Benzo[b]fluoranthene	3330	2500	75	33-96	
Benzo[a]pyrene	3330	2810	84	36-89	
Benzo[a]anthracene	3330	2470	74	46-112	
N-Nitrosodiphenylamine	3330	2580	77	49-106	
Butyl benzyl phthalate	3330	2640	79	49-117	
Bis(2-ethylhexyl) phthalate	3330	2430	73	49-119	
Di-n-octyl phthalate	3330	2560	77	40-106	
Indeno[1,2,3-cd]pyrene	3330	2640	79	43-109	
Dibenz(a,h)anthracene	3330	2720	82	43-107	
3,3'-Dichlorobenzidine	3330	2010	60	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2210	66	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2550	77	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31644.d

Lab ID: LCS 460-118530/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	4800	72	54-115	
2-Chlorophenol	6670	4890	73	56-110	
2-Methylphenol	6670	4900	73	54-117	
4-Methylphenol	6670	5070	76	47-103	
Benzaldehyde	3330	1740	52	10-160	
Acetophenone	3330	2550	77	40-95	
Bis(2-chloroethyl)ether	3330	2380	71	44-101	
2,2'-oxybis[1-chloropropane]	3330	2640	79	45-102	
N-Nitrosodi-n-propylamine	3330	2680	81	42-107	
Nitrobenzene	3330	2590	78	42-106	
Hexachloroethane	3330	2420	73	45-90	
Isophorone	3330	2470	74	48-97	
2-Nitrophenol	6670	5110	77	55-101	
2,4-Dimethylphenol	6670	4980	75	56-112	
2,4-Dichlorophenol	6670	4860	73	58-115	
Bis(2-chloroethoxy)methane	3330	2660	80	51-100	
Naphthalene	3330	2640	79	53-94	
4-Chloroaniline	3330	1550	47	10-96	
Hexachlorobutadiene	3330	2460	74	45-98	
Caprolactam	3330	2420	73	10-127	
4-Chloro-3-methylphenol	6670	5020	75	55-117	
2-Methylnaphthalene	3330	2550	76	51-98	
Hexachlorobenzene	3330	2730	82	43-104	
Hexachlorocyclopentadiene	3330	2080	62	24-98	
2,4,6-Trichlorophenol	6670	5110	77	53-118	
2,4,5-Trichlorophenol	6670	5260	79	50-115	
Diphenyl	3330	2870	86	50-105	
2-Chloronaphthalene	3330	2670	80	51-102	
2-Nitroaniline	3330	2530	76	51-109	
2,6-Dinitrotoluene	3330	2700	81	51-115	
Dimethyl phthalate	3330	2660	80	52-112	
Acenaphthylene	3330	2710	81	51-103	
3-Nitroaniline	3330	1780	53	32-104	
Acenaphthene	3330	2760	83	46-100	
4-Nitrophenol	6670	4500	67	45-114	
2,4-Dinitrophenol	6670	2300	35	10-129	
Dibenzofuran	3330	2700	81	52-106	
Diethyl phthalate	3330	2630	79	52-114	
Fluorene	3330	2680	81	51-108	
Fluoranthene	3330	2590	78	49-108	
Di-n-butyl phthalate	3330	2640	79	50-108	
2,4-Dinitrotoluene	3330	2660	80	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31644.d

Lab ID: LCS 460-118530/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2690	81	50-106	
4-Nitroaniline	3330	2290	69	45-106	
4,6-Dinitro-2-methylphenol	6670	3650	55	10-110	
4-Bromophenyl phenyl ether	3330	2790	84	44-102	
Atrazine	3330	2130	64	30-100	
Anthracene	3330	2730	82	50-107	
Carbazole	3330	2680	80	49-104	
Phenanthrene	3330	2750	82	48-108	
Pentachlorophenol	6670	4870	73	19-113	
Pyrene	3330	2660	80	49-116	
Chrysene	3330	2880	86	45-114	
Benzo[k]fluoranthene	3330	2820	85	35-115	
Benzo[g,h,i]perylene	3330	3210	96	43-106	
Benzo[b]fluoranthene	3330	2480	74	33-96	
Benzo[a]pyrene	3330	2780	83	36-89	
Benzo[a]anthracene	3330	2600	78	46-112	
N-Nitrosodiphenylamine	3330	2900	87	49-106	
Butyl benzyl phthalate	3330	2540	76	49-117	
Bis(2-ethylhexyl) phthalate	3330	2400	72	49-119	
Di-n-octyl phthalate	3330	2310	69	40-106	
Indeno[1,2,3-cd]pyrene	3330	3210	96	43-109	
Dibenz(a,h)anthracene	3330	3220	97	43-107	
3,3'-Dichlorobenzidine	3330	2110	63	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2490	75	70-130	
2,3,4,6-Tetrachlorophenol	3330	2490	75	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78050.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7870	52 U	5840	74	54-115	
2-Chlorophenol	7870	51 U	5710	73	56-110	
2-Methylphenol	7870	67 U	6480	82	54-117	
4-Methylphenol	7870	77 U	6600	84	47-103	
Benzaldehyde	3940	46 U	2990	76	10-160	
Acetophenone	3940	60 U	2530	64	40-95	
Bis(2-chloroethyl)ether	3940	5.3 U	2450	62	44-101	
2,2'-oxybis[1-chloropropane]	3940	43 U	2430	62	45-102	
N-Nitrosodi-n-propylamine	3940	6.5 U	2860	73	42-107	
Nitrobenzene	3940	5.6 U	2090	53	42-106	
Hexachloroethane	3940	4.3 U	1850	47	45-90	
Isophorone	3940	47 U	2710	69	48-97	
2-Nitrophenol	7870	44 U	5190	66	55-101	
2,4-Dimethylphenol	7870	96 U	6620	84	56-112	
2,4-Dichlorophenol	7870	57 U	6050	77	58-115	
Bis(2-chloroethoxy)methane	3940	50 U	2700	68	51-100	
Naphthalene	3940	45 U	2200	56	53-94	
4-Chloroaniline	3940	100 U	2000	51	10-96	
Hexachlorobutadiene	3940	9.5 U	1920	49	45-98	
Caprolactam	3940	90 U	2050	52	10-127	
4-Chloro-3-methylphenol	7870	59 U	6310	80	55-117	
2-Methylnaphthalene	3940	50 U	2750	70	51-98	
Hexachlorobenzene	3940	5.3 U	3300	84	43-104	
Hexachlorocyclopentadiene	3940	46 U	849	22	24-98	F
2,4,6-Trichlorophenol	7870	46 U	6410	81	53-118	
2,4,5-Trichlorophenol	7870	50 U	6580	84	50-115	
Diphenyl	3940	52 U	2870	73	50-105	
2-Chloronaphthalene	3940	44 U	2980	76	51-102	
2-Nitroaniline	3940	160 U	3620	92	51-109	
2,6-Dinitrotoluene	3940	12 U	3680	93	51-115	
Dimethyl phthalate	3940	46 U	3330	85	52-112	
Acenaphthylene	3940	46 U	3030	77	51-103	
3-Nitroaniline	3940	140 U	2810	71	32-104	
Acenaphthene	3940	57 U	3110	79	46-100	
4-Nitrophenol	7870	250 U	7040	89	45-114	
2,4-Dinitrophenol	7870	220 U	4360	55	10-129	
Dibenzofuran	3940	46 U	3220	82	52-106	
Diethyl phthalate	3940	47 U	3360	85	52-114	
Fluorene	3940	50 U	3380	86	51-108	
Fluoranthene	3940	52 U	3430	87	49-108	
Di-n-butyl phthalate	3940	48 U	3580	91	50-108	
2,4-Dinitrotoluene	3940	13 U	3610	92	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78050.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3940	46 U	3370	86	50-106	
4-Nitroaniline	3940	120 U	3260	83	45-106	
4,6-Dinitro-2-methylphenol	7870	110 U	5330	68	10-110	
4-Bromophenyl phenyl ether	3940	39 U	3470	88	44-102	
Atrazine	3940	60 U	2740	70	30-100	
Anthracene	3940	47 U	3530	90	50-107	
Carbazole	3940	46 U	3240	82	49-104	
Phenanthrene	3940	50 U	3480	88	48-108	
Pentachlorophenol	7870	120 U	2000	25	19-113	
Pyrene	3940	52 J	3840	96	49-116	
Chrysene	3940	46 U	3540	90	45-114	
Benzo[k]fluoranthene	3940	3.0 U	3860	98	35-115	
Benzo[g,h,i]perylene	3940	29 U	3810	97	43-106	
Benzo[b]fluoranthene	3940	2.5 U	3220	82	33-96	
Benzo[a]pyrene	3940	2.8 U	3700	94	36-89	F
Benzo[a]anthracene	3940	2.7 U	3490	89	46-112	
N-Nitrosodiphenylamine	3940	39 U	3360	85	49-106	
Butyl benzyl phthalate	3940	36 U	3660	93	49-117	
Bis(2-ethylhexyl) phthalate	3940	130 U	3740	95	49-119	
Di-n-octyl phthalate	3940	25 U	3810	97	40-106	
Indeno[1,2,3-cd]pyrene	3940	7.3 U	3590	91	43-109	
Dibenz(a,h)anthracene	3940	4.9 U	3870	98	43-107	
3,3'-Dichlorobenzidine	3940	140 U	2770	70	24-105	
1,2,4,5-Tetrachlorobenzene	3940	53 U	2350	60	70-130	F
2,3,4,6-Tetrachlorophenol	3940	51 U	2440	62	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31663.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	16800	220 U	13600	81	54-115	
2-Chlorophenol	16800	220 U	13500	80	56-110	
2-Methylphenol	16800	280 U	14000	84	54-117	
4-Methylphenol	16800	330 U	14500	87	47-103	
Benzaldehyde	8380	200 U	8330	99	10-160	
Acetophenone	8380	260 U	7080	84	40-95	
Bis(2-chloroethyl)ether	8380	23 U	6430	77	44-101	
2,2'-oxybis[1-chloropropane]	8380	180 U	7040	84	45-102	
N-Nitrosodi-n-propylamine	8380	28 U	7680	92	42-107	
Nitrobenzene	8380	24 U	7290	87	42-106	
Hexachloroethane	8380	19 U	5760	69	45-90	
Isophorone	8380	200 U	7200	86	48-97	
2-Nitrophenol	16800	190 U	13600	81	55-101	
2,4-Dimethylphenol	16800	410 U	14800	89	56-112	
2,4-Dichlorophenol	16800	240 U	13400	80	58-115	
Bis(2-chloroethoxy)methane	8380	220 U	7380	88	51-100	
Naphthalene	8380	190 U	6480	77	53-94	
4-Chloroaniline	8380	440 U	4410	53	10-96	
Hexachlorobutadiene	8380	41 U	6150	73	45-98	
Caprolactam	8380	380 U	9600	115	10-127	
4-Chloro-3-methylphenol	16800	250 U	13500	80	55-117	
2-Methylnaphthalene	8380	320 J	6690	76	51-98	
Hexachlorobenzene	8380	23 U	7340	88	43-104	
Hexachlorocyclopentadiene	8380	200 U	200 U	0	24-98	F
2,4,6-Trichlorophenol	16800	200 U	14300	85	53-118	
2,4,5-Trichlorophenol	16800	220 U	14300	85	50-115	
Diphenyl	8380	220 U	8530	102	50-105	
2-Chloronaphthalene	8380	190 U	7580	90	51-102	
2-Nitroaniline	8380	700 U	7930	95	51-109	
2,6-Dinitrotoluene	8380	50 U	7890	94	51-115	
Dimethyl phthalate	8380	200 U	8310	99	52-112	
Acenaphthylene	8380	200 U	7490	89	51-103	
3-Nitroaniline	8380	590 U	5890	70	32-104	
Acenaphthene	8380	240 U	7650	91	46-100	
4-Nitrophenol	16800	1100 U	12400	74	45-114	
2,4-Dinitrophenol	16800	950 U	5940	35	10-129	
Dibenzofuran	8380	200 U	7380	88	52-106	
Diethyl phthalate	8380	200 U	8050	96	52-114	
Fluorene	8380	210 U	7070	84	51-108	
Fluoranthene	8380	350 J	7060	80	49-108	
Di-n-butyl phthalate	8380	210 U	8410	100	50-108	
2,4-Dinitrotoluene	8380	55 U	8170	97	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31663.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	8380	200 U	7130	85	50-106	
4-Nitroaniline	8380	520 U	5370	64	45-106	
4,6-Dinitro-2-methylphenol	16800	450 U	9720	58	10-110	
4-Bromophenyl phenyl ether	8380	170 U	7740	92	44-102	
Atrazine	8380	260 U	5650	67	30-100	
Anthracene	8380	200 U	7500	90	50-107	
Carbazole	8380	200 U	7600	91	49-104	
Phenanthrene	8380	360 J	8120	93	48-108	
Pentachlorophenol	16800	500 U	12600	75	19-113	
Pyrene	8380	640 J	6920	75	49-116	
Chrysene	8380	350 J	7780	89	45-114	
Benzo[k]fluoranthene	8380	13 U	6610	79	35-115	
Benzo[g,h,i]perylene	8380	120 U	12400	148	43-106	F
Benzo[b]fluoranthene	8380	250	5940	68	33-96	
Benzo[a]pyrene	8380	12 U	7030	84	36-89	
Benzo[a]anthracene	8380	230	7440	86	46-112	
N-Nitrosodiphenylamine	8380	160 U	8950	107	49-106	F
Butyl benzyl phthalate	8380	150 U	7700	92	49-117	
Bis(2-ethylhexyl) phthalate	8380	2200	10000	93	49-119	
Di-n-octyl phthalate	8380	110 U	5610	67	40-106	
Indeno[1,2,3-cd]pyrene	8380	31 U	11800	141	43-109	F
Dibenz(a,h)anthracene	8380	21 U	10600	126	43-107	F
3,3'-Dichlorobenzidine	8380	590 U	1360 J	16	24-105	F
1,2,4,5-Tetrachlorobenzene	8380	220 U	6880	82	70-130	
2,3,4,6-Tetrachlorophenol	8380	220 U	5750	69	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78051.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7890	5210	66	11	30	54-115	
2-Chlorophenol	7890	4830	61	17	30	56-110	
2-Methylphenol	7890	5520	70	16	30	54-117	
4-Methylphenol	7890	5360	68	21	30	47-103	
Benzaldehyde	3950	2670	68	11	30	10-160	
Acetophenone	3950	2070	53	20	30	40-95	
Bis(2-chloroethyl)ether	3950	2190	56	11	30	44-101	
2,2'-oxybis[1-chloropropane]	3950	2000	51	19	30	45-102	
N-Nitrosodi-n-propylamine	3950	2510	64	13	30	42-107	
Nitrobenzene	3950	2090	53	0	30	42-106	
Hexachloroethane	3950	1660	42	11	30	45-90	F
Isophorone	3950	2670	68	1	30	48-97	
2-Nitrophenol	7890	4670	59	10	30	55-101	
2,4-Dimethylphenol	7890	6450	82	3	30	56-112	
2,4-Dichlorophenol	7890	5890	75	3	30	58-115	
Bis(2-chloroethoxy)methane	3950	2610	66	3	30	51-100	
Naphthalene	3950	2110	53	4	30	53-94	
4-Chloroaniline	3950	1770	45	12	30	10-96	
Hexachlorobutadiene	3950	1840	47	4	30	45-98	
Caprolactam	3950	2000	51	2	30	10-127	
4-Chloro-3-methylphenol	7890	6280	80	1	30	55-117	
2-Methylnaphthalene	3950	2560	65	7	30	51-98	
Hexachlorobenzene	3950	3360	85	2	30	43-104	
Hexachlorocyclopentadiene	3950	1060	27	22	30	24-98	
2,4,6-Trichlorophenol	7890	6410	81	0	30	53-118	
2,4,5-Trichlorophenol	7890	6550	83	1	30	50-115	
Diphenyl	3950	2850	72	1	30	50-105	
2-Chloronaphthalene	3950	2880	73	4	30	51-102	
2-Nitroaniline	3950	3560	90	2	30	51-109	
2,6-Dinitrotoluene	3950	3540	90	4	30	51-115	
Dimethyl phthalate	3950	3330	84	0	30	52-112	
Acenaphthylene	3950	3030	77	0	30	51-103	
3-Nitroaniline	3950	2610	66	7	30	32-104	
Acenaphthene	3950	2770	70	12	30	46-100	
4-Nitrophenol	7890	6510	82	8	30	45-114	
2,4-Dinitrophenol	7890	4290	54	2	30	10-129	
Dibenzofuran	3950	3140	80	3	30	52-106	
Diethyl phthalate	3950	3230	82	4	30	52-114	
Fluorene	3950	3200	81	6	30	51-108	
Fluoranthene	3950	3190	81	7	30	49-108	
Di-n-butyl phthalate	3950	3410	86	5	30	50-108	
2,4-Dinitrotoluene	3950	3480	88	4	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u78051.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3950	3160	80	7	30	50-106	
4-Nitroaniline	3950	2790	71	16	30	45-106	
4,6-Dinitro-2-methylphenol	7890	5060	64	5	30	10-110	
4-Bromophenyl phenyl ether	3950	3160	80	9	30	44-102	
Atrazine	3950	2580	65	6	30	30-100	
Anthracene	3950	3220	82	9	30	50-107	
Carbazole	3950	3240	82	0	30	49-104	
Phenanthrene	3950	3350	85	4	30	48-108	
Pentachlorophenol	7890	2000	25	0	30	19-113	
Pyrene	3950	3610	90	6	30	49-116	
Chrysene	3950	3180	81	11	30	45-114	
Benzo[k]fluoranthene	3950	3150	80	20	30	35-115	
Benzo[g,h,i]perylene	3950	3710	94	3	30	43-106	
Benzo[b]fluoranthene	3950	3000	76	7	30	33-96	
Benzo[a]pyrene	3950	3090	78	18	30	36-89	
Benzo[a]anthracene	3950	3150	80	10	30	46-112	
N-Nitrosodiphenylamine	3950	3240	82	4	30	49-106	
Butyl benzyl phthalate	3950	3480	88	5	30	49-117	
Bis(2-ethylhexyl) phthalate	3950	3360	85	11	30	49-119	
Di-n-octyl phthalate	3950	3210	81	17	30	40-106	
Indeno[1,2,3-cd]pyrene	3950	3350	85	7	30	43-109	
Dibenz(a,h)anthracene	3950	3490	88	10	30	43-107	
3,3'-Dichlorobenzidine	3950	2270	58	20	30	24-105	
1,2,4,5-Tetrachlorobenzene	3950	2380	60	1	30	70-130	F
2,3,4,6-Tetrachlorophenol	3950	2440	62	0	30	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31664.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	16800	13300	79	2	30	54-115	
2-Chlorophenol	16800	13100	78	3	30	56-110	
2-Methylphenol	16800	14000	83	0	30	54-117	
4-Methylphenol	16800	14500	86	0	30	47-103	
Benzaldehyde	8410	8390	100	1	30	10-160	
Acetophenone	8410	7020	84	1	30	40-95	
Bis(2-chloroethyl)ether	8410	6180	74	4	30	44-101	
2,2'-oxybis[1-chloropropane]	8410	6810	81	3	30	45-102	
N-Nitrosodi-n-propylamine	8410	7430	88	3	30	42-107	
Nitrobenzene	8410	7110	85	3	30	42-106	
Hexachloroethane	8410	5490	65	5	30	45-90	
Isophorone	8410	6970	83	3	30	48-97	
2-Nitrophenol	16800	12600	75	8	30	55-101	
2,4-Dimethylphenol	16800	14500	86	2	30	56-112	
2,4-Dichlorophenol	16800	12900	77	4	30	58-115	
Bis(2-chloroethoxy)methane	8410	7110	85	4	30	51-100	
Naphthalene	8410	6140	73	5	30	53-94	
4-Chloroaniline	8410	4630	55	5	30	10-96	
Hexachlorobutadiene	8410	5840	70	5	30	45-98	
Caprolactam	8410	8970	107	7	30	10-127	
4-Chloro-3-methylphenol	16800	13400	79	1	30	55-117	
2-Methylnaphthalene	8410	6610	75	1	30	51-98	
Hexachlorobenzene	8410	6680	80	9	30	43-104	
Hexachlorocyclopentadiene	8410	200 U	0	NC	30	24-98	F
2,4,6-Trichlorophenol	16800	13300	79	7	30	53-118	
2,4,5-Trichlorophenol	16800	13600	81	5	30	50-115	
Diphenyl	8410	8330	99	2	30	50-105	
2-Chloronaphthalene	8410	7340	87	3	30	51-102	
2-Nitroaniline	8410	7870	94	1	30	51-109	
2,6-Dinitrotoluene	8410	7550	90	4	30	51-115	
Dimethyl phthalate	8410	8530	101	3	30	52-112	
Acenaphthylene	8410	7380	88	1	30	51-103	
3-Nitroaniline	8410	6290	75	7	30	32-104	
Acenaphthene	8410	7620	91	0	30	46-100	
4-Nitrophenol	16800	12900	76	4	30	45-114	
2,4-Dinitrophenol	16800	3180 J	19	61	30	10-129	F
Dibenzofuran	8410	7250	86	2	30	52-106	
Diethyl phthalate	8410	8030	96	0	30	52-114	
Fluorene	8410	7100	84	0	30	51-108	
Fluoranthene	8410	6860	77	3	30	49-108	
Di-n-butyl phthalate	8410	8030	95	5	30	50-108	
2,4-Dinitrotoluene	8410	8280	98	1	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31664.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	8410	6940	83	3	30	50-106	
4-Nitroaniline	8410	5580	66	4	30	45-106	
4,6-Dinitro-2-methylphenol	16800	5470	33	56	30	10-110	F
4-Bromophenyl phenyl ether	8410	6960	83	11	30	44-102	
Atrazine	8410	5540	66	2	30	30-100	
Anthracene	8410	7160	85	5	30	50-107	
Carbazole	8410	7010	83	8	30	49-104	
Phenanthrene	8410	7580	86	7	30	48-108	
Pentachlorophenol	16800	10700	64	17	30	19-113	
Pyrene	8410	6360	68	9	30	49-116	
Chrysene	8410	7550	86	3	30	45-114	
Benzo[k]fluoranthene	8410	5800	69	13	30	35-115	
Benzo[g,h,i]perylene	8410	11900	141	5	30	43-106	F
Benzo[b]fluoranthene	8410	6210	71	4	30	33-96	
Benzo[a]pyrene	8410	6980	83	1	30	36-89	
Benzo[a]anthracene	8410	7010	81	6	30	46-112	
N-Nitrosodiphenylamine	8410	8690	103	3	30	49-106	
Butyl benzyl phthalate	8410	7250	86	6	30	49-117	
Bis(2-ethylhexyl) phthalate	8410	9700	89	3	30	49-119	
Di-n-octyl phthalate	8410	5060	60	10	30	40-106	
Indeno[1,2,3-cd]pyrene	8410	11800	141	0	30	43-109	F
Dibenz(a,h)anthracene	8410	10200	121	4	30	43-107	F
3,3'-Dichlorobenzidine	8410	2130 J	25	44	30	24-105	F
1,2,4,5-Tetrachlorobenzene	8410	6510	78	5	30	70-130	
2,3,4,6-Tetrachlorophenol	8410	5600	67	3	30	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: u78030.d Lab Sample ID: MB 460-118529/1-A

Matrix: Solid Date Extracted: 07/03/2012 19:52

Instrument ID: BNAMS4 Date Analyzed: 07/06/2012 10:12

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-118529/2-A	u78029.d	07/06/2012 09:52
SF-27	460-41730-3	u78031.d	07/06/2012 10:39
SF-28	460-41730-4	u78032.d	07/06/2012 10:59
SF-30	460-41730-6	u78033.d	07/06/2012 11:19
SF-32	460-41730-8	u78034.d	07/06/2012 11:39
SF-33	460-41730-9	u78035.d	07/06/2012 11:59
FD-H	460-41730-10	u78036.d	07/06/2012 12:19
F-17	460-41730-11	u78037.d	07/06/2012 12:40
F-18	460-41730-12	u78038.d	07/06/2012 13:00
F-21	460-41730-15	u78039.d	07/06/2012 13:20
F-26	460-41730-20	u78040.d	07/06/2012 13:40
F-27	460-41730-21	u78041.d	07/06/2012 14:01
F-28	460-41730-22	u78042.d	07/06/2012 14:21
SL-10	460-41730-1	u78043.d	07/06/2012 14:41
SF-26	460-41730-2	u78047.d	07/06/2012 16:02
F-24	460-41730-18	u78048.d	07/06/2012 16:22
SF-29	460-41730-5	u78049.d	07/06/2012 16:42
SF-29 MS	460-41730-5 MS	u78050.d	07/06/2012 17:03
SF-29 MSD	460-41730-5 MSD	u78051.d	07/06/2012 17:23
F-22	460-41730-16	u78052.d	07/06/2012 17:43
SF-31	460-41730-7	u78054.d	07/06/2012 18:24
F-19	460-41730-13	u78055.d	07/06/2012 18:44
F-20	460-41730-14	u78084.d	07/08/2012 09:43

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: p31646.d Lab Sample ID: MB 460-118530/1-A

Matrix: Solid Date Extracted: 07/03/2012 19:53

Instrument ID: BNAMS10 Date Analyzed: 07/06/2012 11:06

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-118530/2-A	p31644.d	07/06/2012 10:19
FD-J	460-41730-23	p31657.d	07/06/2012 15:26
F-23	460-41730-17	p31662.d	07/06/2012 17:23
F-23 MS	460-41730-17 MS	p31663.d	07/06/2012 17:47
F-23 MSD	460-41730-17 MSD	p31664.d	07/06/2012 18:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: p31436.d DFTPP Injection Date: 06/29/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 04:27

Analysis Batch No.: 118036

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	53.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	56.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	24.8	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	11.2	(83.1)1
442	Greater than 40.0 % of mass 198	73.0	
443	17.0 - 23.0 % of mass 442	13.5	(18.5)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
	ICIS 460-118036/2	p31437.d	06/29/2012	04:51
	IC 460-118036/3	p31438.d	06/29/2012	05:43
	IC 460-118036/4	p31439.d	06/29/2012	06:11
	IC 460-118036/5	p31440.d	06/29/2012	06:39
	IC 460-118036/6	p31441.d	06/29/2012	07:07
	IC 460-118036/7	p31442.d	06/29/2012	07:35

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: p31641.d DFTPP Injection Date: 07/06/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 09:07

Analysis Batch No.: 118849

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	52.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	55.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	26.9	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	10.1	(70.7)1
442	Greater than 40.0 % of mass 198	72.0	
443	17.0 - 23.0 % of mass 442	14.3	(19.9)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
	CCVIS 460-118849/2	p31642.d	07/06/2012	09:29
	LCS 460-118530/2-A	p31644.d	07/06/2012	10:19
	MB 460-118530/1-A	p31646.d	07/06/2012	11:06
FD-J	460-41730-23	p31657.d	07/06/2012	15:26
F-23	460-41730-17	p31662.d	07/06/2012	17:23
F-23 MS	460-41730-17 MS	p31663.d	07/06/2012	17:47
F-23 MSD	460-41730-17 MSD	p31664.d	07/06/2012	18:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: u77813.d DFTPP Injection Date: 06/28/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 17:27

Analysis Batch No.: 118061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	68.7	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	43.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	21.8	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	9.6	(80.0)1
442	Greater than 40.0 % of mass 198	62.2	
443	17.0 - 23.0 % of mass 442	12.0	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-118061/2	u77814.d	06/28/2012	17:45
	IC 460-118061/3	u77815.d	06/28/2012	18:12
	IC 460-118061/4	u77816.d	06/28/2012	18:33
	IC 460-118061/5	u77817.d	06/28/2012	18:53
	IC 460-118061/6	u77818.d	06/28/2012	19:13
	IC 460-118061/7	u77819.d	06/28/2012	19:33

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: u78027.d DFTPP Injection Date: 07/06/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 08:12

Analysis Batch No.: 118966

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.2	
70	Less than 2.0 % of mass 69	0.3	(0.5)1
127	40.0 - 60.0 % of mass 198	43.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	21.2	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	9.5	(83.2)1
442	Greater than 40.0 % of mass 198	60.8	
443	17.0 - 23.0 % of mass 442	11.4	(18.7)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
	CCVIS 460-118966/2	u78028.d	07/06/2012	08:33
	LCS 460-118529/2-A	u78029.d	07/06/2012	09:52
	MB 460-118529/1-A	u78030.d	07/06/2012	10:12
SF-27	460-41730-3	u78031.d	07/06/2012	10:39
SF-28	460-41730-4	u78032.d	07/06/2012	10:59
SF-30	460-41730-6	u78033.d	07/06/2012	11:19
SF-32	460-41730-8	u78034.d	07/06/2012	11:39
SF-33	460-41730-9	u78035.d	07/06/2012	11:59
FD-H	460-41730-10	u78036.d	07/06/2012	12:19
F-17	460-41730-11	u78037.d	07/06/2012	12:40
F-18	460-41730-12	u78038.d	07/06/2012	13:00
F-21	460-41730-15	u78039.d	07/06/2012	13:20
F-26	460-41730-20	u78040.d	07/06/2012	13:40
F-27	460-41730-21	u78041.d	07/06/2012	14:01
F-28	460-41730-22	u78042.d	07/06/2012	14:21
SL-10	460-41730-1	u78043.d	07/06/2012	14:41
SF-26	460-41730-2	u78047.d	07/06/2012	16:02
F-24	460-41730-18	u78048.d	07/06/2012	16:22
SF-29	460-41730-5	u78049.d	07/06/2012	16:42
SF-29 MS	460-41730-5 MS	u78050.d	07/06/2012	17:03
SF-29 MSD	460-41730-5 MSD	u78051.d	07/06/2012	17:23
F-22	460-41730-16	u78052.d	07/06/2012	17:43
SF-31	460-41730-7	u78054.d	07/06/2012	18:24
F-19	460-41730-13	u78055.d	07/06/2012	18:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab File ID: u78057.d DFTPP Injection Date: 07/08/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 00:08

Analysis Batch No.: 119055

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.0	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	43.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	22.1	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	10.1	(84.1)1
442	Greater than 40.0 % of mass 198	62.5	
443	17.0 - 23.0 % of mass 442	12.0	(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
	CCVIS 460-119055/2	u78058.d	07/08/2012	00:44
F-20	460-41730-14	u78084.d	07/08/2012	09:43

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118849/2 Date Analyzed: 07/06/2012 09:29

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p31642.d Heated Purge: (Y/N) N

Calibration ID: 16244

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		695683	3.65	2179180	5.07	1071242	6.87
UPPER LIMIT		1391366	4.15	4358360	5.57	2142484	7.37
LOWER LIMIT		347842	3.15	1089590	4.57	535621	6.37
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118530/2-A		663272	3.64	2122063	5.06	1015499	6.87
MB 460-118530/1-A		616672	3.64	2128067	5.06	1129345	6.86
460-41730-23	FD-J	645495	3.64	2072491	5.06	1009386	6.86
460-41730-17	F-23	769189	3.65	2351922	5.06	1005595	6.87
460-41730-17 MS	F-23 MS	695244	3.65	2144779	5.06	892244	6.87
460-41730-17 MSD	F-23 MSD	562919	3.64	1777281	5.06	749150	6.87

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118849/2 Date Analyzed: 07/06/2012 09:29

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p31642.d Heated Purge: (Y/N) N

Calibration ID: 16244

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1304509	8.32	717956	10.91	541212	12.55
UPPER LIMIT		2609018	8.82	1435912	11.41	1082424	13.05
LOWER LIMIT		652255	7.82	358978	10.41	270606	12.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118530/2-A		1180064	8.32	635830	10.91	543117	12.55
MB 460-118530/1-A		1451569	8.32	758308	10.90	586143	12.54
460-41730-23	FD-J	1232942	8.32	595999	10.90	559607	12.55
460-41730-17	F-23	1051087	8.32	538262	10.92	635948	12.56
460-41730-17 MS	F-23 MS	909404	8.32	519541	10.92	644407	12.57
460-41730-17 MSD	F-23 MSD	843673	8.32	516838	10.92	689664	12.57

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118966/2 Date Analyzed: 07/06/2012 08:33

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u78028.d Heated Purge: (Y/N) N

Calibration ID: 16260

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		187860	3.45	746079	4.77	452469	6.52
UPPER LIMIT		375720	3.95	1492158	5.27	904938	7.02
LOWER LIMIT		93930	2.95	373040	4.27	226235	6.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118529/2-A		162250	3.45	633752	4.77	459362	6.52
MB 460-118529/1-A		134760	3.45	545066	4.76	419428	6.52
460-41730-3	SF-27	142759	3.45	604072	4.76	407046	6.52
460-41730-4	SF-28	146376	3.45	596035	4.76	419613	6.52
460-41730-6	SF-30	156061	3.45	621494	4.77	455681	6.52
460-41730-8	SF-32	143546	3.45	608577	4.76	430844	6.52
460-41730-9	SF-33	145241	3.45	638113	4.76	446488	6.52
460-41730-10	FD-H	137884	3.45	566342	4.76	424107	6.52
460-41730-11	F-17	132716	3.45	568467	4.77	414904	6.52
460-41730-12	F-18	141361	3.45	603115	4.76	434637	6.52
460-41730-15	F-21	138453	3.45	577645	4.77	439743	6.52
460-41730-20	F-26	139972	3.45	594817	4.76	435949	6.52
460-41730-21	F-27	141946	3.45	596503	4.76	442822	6.52
460-41730-22	F-28	128985	3.45	549352	4.76	387892	6.52
460-41730-1	SL-10	142278	3.45	595449	4.76	423336	6.52
460-41730-2	SF-26	136403	3.45	580149	4.76	404269	6.52
460-41730-18	F-24	145231	3.45	633319	4.76	420005	6.52
460-41730-5	SF-29	150306	3.45	633297	4.77	457943	6.53
460-41730-5 MS	SF-29 MS	144441	3.45	606458	4.77	411093	6.52
460-41730-5 MSD	SF-29 MSD	163915	3.45	595320	4.77	384943	6.53
460-41730-16	F-22	130816	3.45	517726	4.76	351428	6.52
460-41730-7	SF-31	142894	3.46	605031	4.76	393829	6.52
460-41730-13	F-19	149356	3.45	647711	4.76	418192	6.52

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-118966/2 Date Analyzed: 07/06/2012 08:33

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u78028.d Heated Purge: (Y/N) N

Calibration ID: 16260

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		668230	7.98	620319	10.57	467871	12.24
UPPER LIMIT		1336460	8.48	1240638	11.07	935742	12.74
LOWER LIMIT		334115	7.48	310160	10.07	233936	11.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-118529/2-A		784907	7.98	723168	10.57	517542	12.25
MB 460-118529/1-A		810911	7.97	778352	10.57	641625	12.24
460-41730-3	SF-27	834273	7.97	800983	10.57	600338	12.24
460-41730-4	SF-28	850431	7.97	722767	10.57	573299	12.24
460-41730-6	SF-30	872270	7.97	717399	10.57	511795	12.24
460-41730-8	SF-32	807380	7.97	602919	10.57	448625	12.24
460-41730-9	SF-33	804658	7.97	670370	10.57	517532	12.24
460-41730-10	FD-H	799838	7.97	625310	10.56	496980	12.24
460-41730-11	F-17	786929	7.97	582726	10.57	466637	12.24
460-41730-12	F-18	813471	7.97	648189	10.57	478758	12.24
460-41730-15	F-21	818442	7.97	661650	10.56	524407	12.24
460-41730-20	F-26	835756	7.97	628967	10.57	523392	12.24
460-41730-21	F-27	840764	7.98	584739	10.57	444729	12.23
460-41730-22	F-28	769727	7.97	577573	10.57	470987	12.24
460-41730-1	SL-10	757108	7.97	535783	10.57	390156	12.24
460-41730-2	SF-26	734331	7.97	518320	10.56	381438	12.23
460-41730-18	F-24	760991	7.97	491715	10.57	399350	12.24
460-41730-5	SF-29	792702	7.97	515485	10.56	407010	12.24
460-41730-5 MS	SF-29 MS	670291	7.98	530902	10.58	371608	12.24
460-41730-5 MSD	SF-29 MSD	619336	7.97	493831	10.57	367013	12.25
460-41730-16	F-22	628306	7.97	388706	10.57	318296	12.24
460-41730-7	SF-31	636699	7.97	394657	10.57	349362	12.25
460-41730-13	F-19	688801	7.97	438723	10.57	379283	12.25

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-119055/2 Date Analyzed: 07/08/2012 00:44

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u78058.d Heated Purge: (Y/N) N

Calibration ID: 16260

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		196100	3.44	799992	4.76	595083	6.52
UPPER LIMIT		392200	3.94	1599984	5.26	1190166	7.02
LOWER LIMIT		98050	2.94	399996	4.26	297542	6.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-41730-14	F-20	199578	3.44	712990	4.75	387325	6.51

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVIS 460-119055/2 Date Analyzed: 07/08/2012 00:44

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u78058.d Heated Purge: (Y/N) N

Calibration ID: 16260

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		929199	7.98	807138	10.57	495165	12.23
UPPER LIMIT		1858398	8.48	1614276	11.07	990330	12.73
LOWER LIMIT		464600	7.48	403569	10.07	247583	11.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-41730-14	F-20	509983	7.96	459471	10.58	568106	12.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: u78043.d

Analysis Method: 8270C | Date Collected: 06/25/2012 08:35

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 14:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: u78043.d

Analysis Method: 8270C | Date Collected: 06/25/2012 08:35

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 14:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50
123-91-1	1,4-Dioxane	28	U	380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 Lab Sample ID: 460-41730-1

Matrix: Solid Lab File ID: u78043.d

Analysis Method: 8270C Date Collected: 06/25/2012 08:35

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) Date Analyzed: 07/06/2012 14:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	92		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: u78043.d

Analysis Method: 8270C | Date Collected: 06/25/2012 08:35

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 14:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 920

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	8.81	480	J
	Unknown-2	11.10	440	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78043.d
Report Date: 08-Jul-2012 20:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78043.d
Lab Smp Id: 460-41730-E-1-E Client Smp ID: SL-10
Inj Date : 06-JUL-2012 14:41
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-1-E
Misc Info : 460-41730-E-1-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.93597	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.210	(0.647)	401150	92.0093	7100
$ 17 Phenol-d5 (SUR)	99	3.143	3.145	(0.911)	659228	87.4938	6800
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.454	(1.000)	142278	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.048	(0.847)	373080	35.3080	2700
* 80 Naphthalene-d8	136	4.763	4.765	(1.000)	595449	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.870	5.879	(0.900)	532744	36.6283	2800
* 82 Acenaphthene-d10	164	6.521	6.523	(1.000)	423336	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.303	7.310	(1.120)	192967	59.2193	4600
* 83 Phenanthrene-d10	188	7.973	7.978	(1.000)	757108	40.0000	
52 Phenanthrene	178	7.988	8.000	(1.002)	4188	0.20210	16(a)
$ 78 Terphenyl-d14	244	9.547	9.548	(0.903)	597393	44.0432	3400
* 81 Chrysene-d12	240	10.567	10.573	(1.000)	535783	40.0000	
* 84 Perylene-d12	264	12.243	12.244	(1.000)	390156	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78043.d
Report Date: 08-Jul-2012 20:42

QC Flag Legend

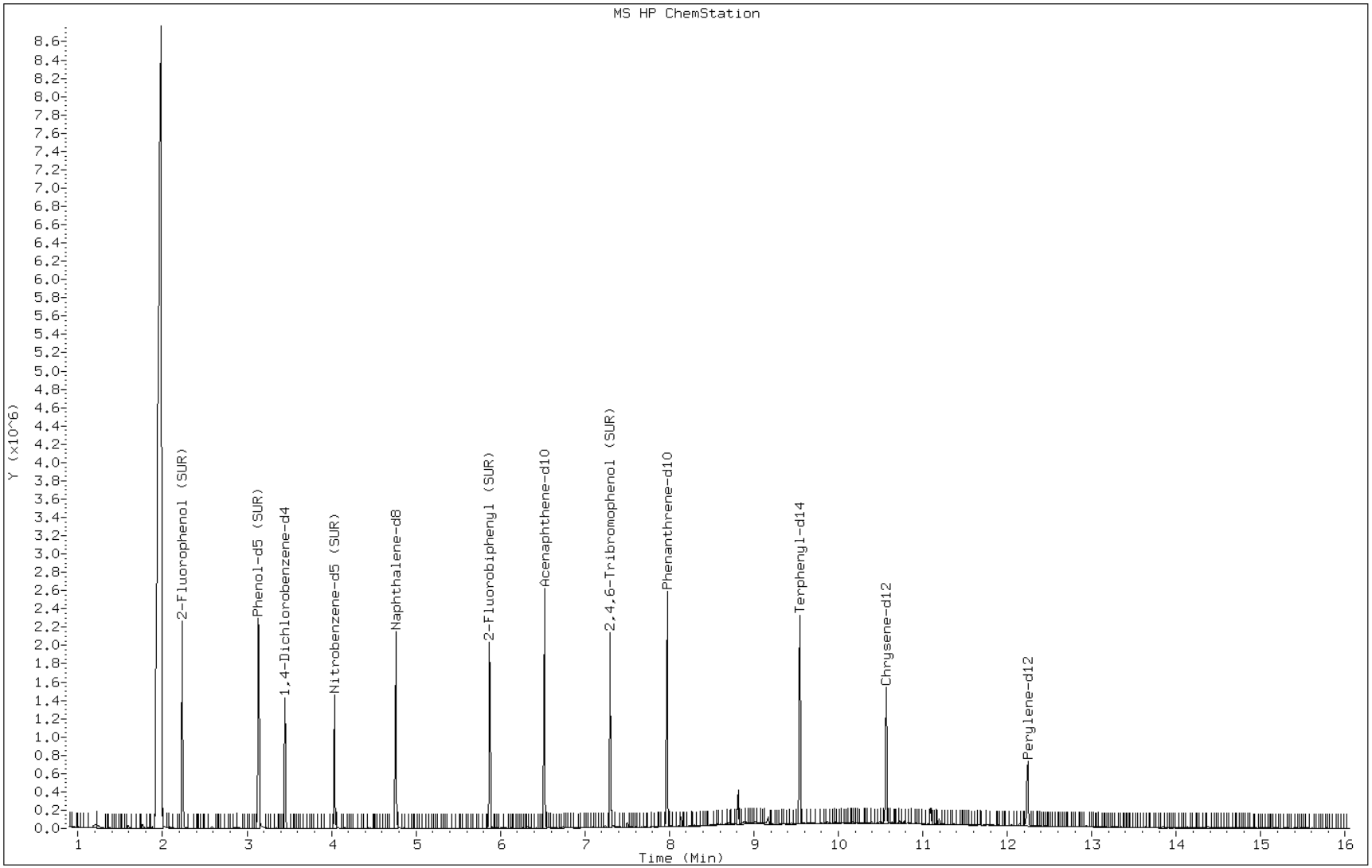
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78043.d

Date: 06-JUL-2012 14:41

Client ID: SL-10 Instrument: BNAMS4.i

Sample Info: 460-41730-E-1-E Operator: BNAMS 4



Data File: u78043.d

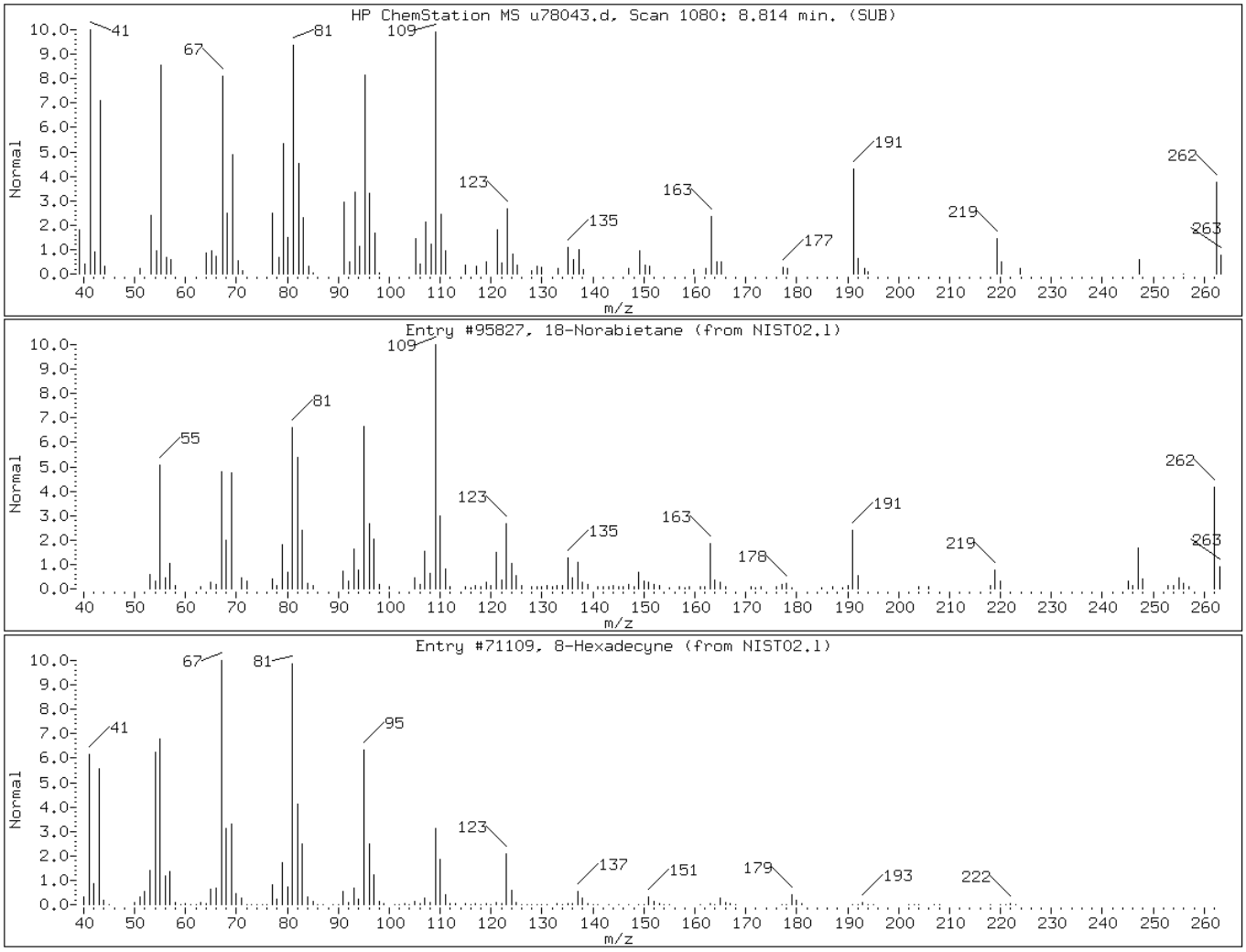
Date: 06-JUL-2012 14:41

Client ID: SL-10 Instrument: BNAMS4.i

Sample Info: 460-41730-E-1-E Operator: BNAMS 4

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
18-Norabietane	1000293-16-6	NIST02.l	95827	89	C19H34	262
8-Hexadecyne	19781-86-3	NIST02.l	71109	58	C16H30	222



Data File: u78043.d

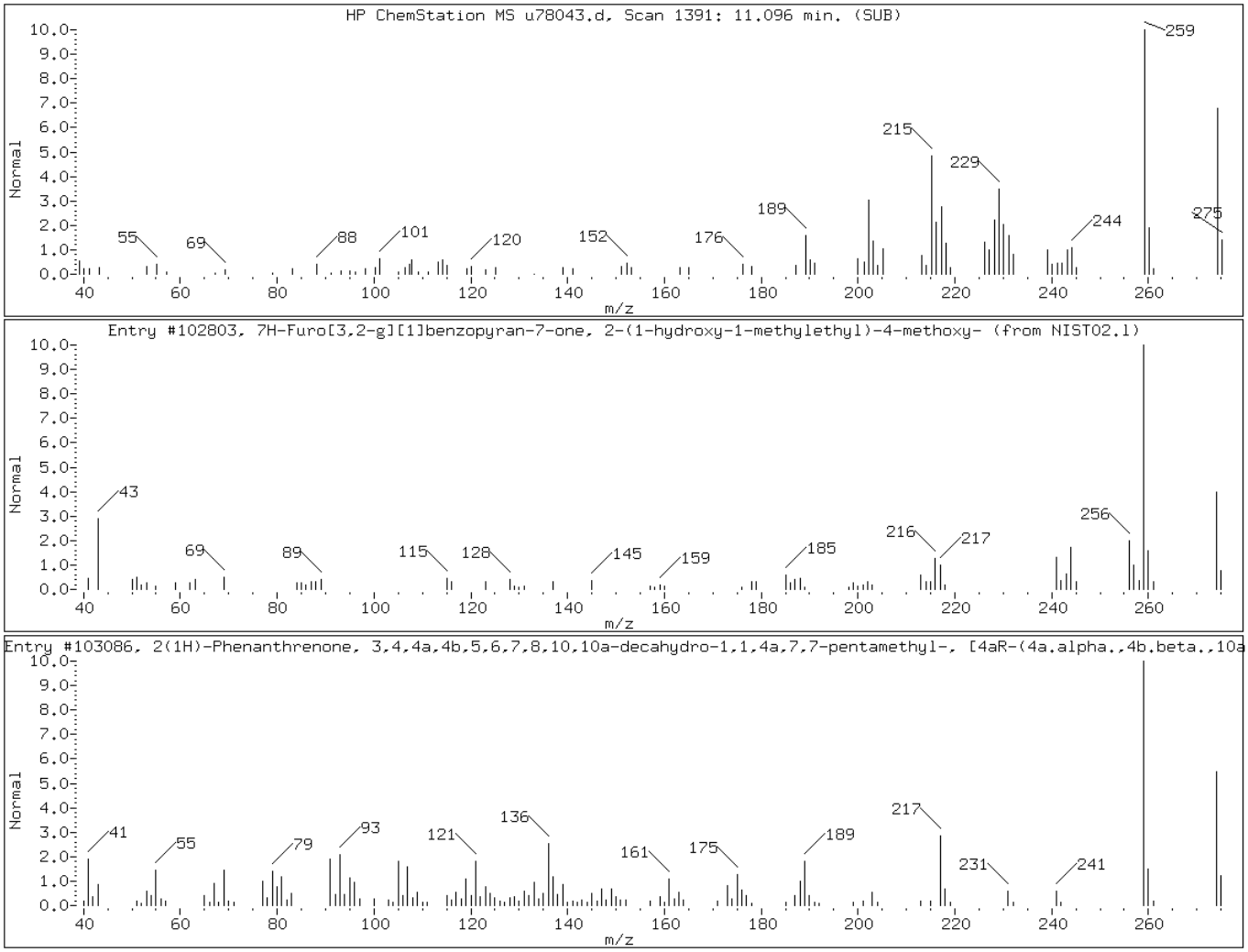
Date: 06-JUL-2012 14:41

Client ID: SL-10 Instrument: BNAMS4.i

Sample Info: 460-41730-E-1-E Operator: BNAMS 4

Retention Time: 11.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
7H-Furo[3,2-g][1]benzopyran-7-one,	54087-32-0	NIST02.l	102803	53	C15H14O5	274
2(1H)-Phenanthrenone, 3,4,4a,4b,5,	7715-44-8	NIST02.l	103086	45	C19H30O	274



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: u78047.d

Analysis Method: 8270C | Date Collected: 06/25/2012 09:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	55	U	410	55
95-57-8	2-Chlorophenol	54	U	410	54
95-48-7	2-Methylphenol	70	U	410	70
106-44-5	4-Methylphenol	80	U	410	80
100-52-7	Benzaldehyde	48	U	410	48
98-86-2	Acetophenone	63	U	410	63
111-44-4	Bis(2-chloroethyl)ether	5.6	U	41	5.6
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	410	45
621-64-7	N-Nitrosodi-n-propylamine	6.8	U	41	6.8
98-95-3	Nitrobenzene	5.8	U	41	5.8
67-72-1	Hexachloroethane	4.5	U	41	4.5
78-59-1	Isophorone	49	U	410	49
88-75-5	2-Nitrophenol	46	U	410	46
105-67-9	2,4-Dimethylphenol	100	U	410	100
120-83-2	2,4-Dichlorophenol	60	U	410	60
111-91-1	Bis(2-chloroethoxy)methane	53	U	410	53
91-20-3	Naphthalene	47	U	410	47
106-47-8	4-Chloroaniline	110	U	410	110
87-68-3	Hexachlorobutadiene	10	U	83	10
105-60-2	Caprolactam	94	U	410	94
59-50-7	4-Chloro-3-methylphenol	62	U	410	62
91-57-6	2-Methylnaphthalene	52	U	410	52
118-74-1	Hexachlorobenzene	5.6	U	41	5.6
77-47-4	Hexachlorocyclopentadiene	48	U	410	48
88-06-2	2,4,6-Trichlorophenol	48	U	410	48
95-95-4	2,4,5-Trichlorophenol	53	U	410	53
92-52-4	Diphenyl	55	U	410	55
91-58-7	2-Chloronaphthalene	46	U	410	46
88-74-4	2-Nitroaniline	170	U	830	170
606-20-2	2,6-Dinitrotoluene	12	U	83	12
131-11-3	Dimethyl phthalate	48	U	410	48
208-96-8	Acenaphthylene	48	U	410	48
99-09-2	3-Nitroaniline	140	U	830	140
83-32-9	Acenaphthene	59	U	410	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: u78047.d

Analysis Method: 8270C | Date Collected: 06/25/2012 09:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
51-28-5	2,4-Dinitrophenol	230	U	1200	230
132-64-9	Dibenzofuran	48	U	410	48
84-66-2	Diethyl phthalate	49	U	410	49
86-73-7	Fluorene	52	U	410	52
206-44-0	Fluoranthene	54	U	410	54
84-74-2	Di-n-butyl phthalate	50	U	410	50
121-14-2	2,4-Dinitrotoluene	13	U	83	13
7005-72-3	4-Chlorophenyl phenyl ether	48	U	410	48
100-01-6	4-Nitroaniline	130	U	830	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	40	U	410	40
1912-24-9	Atrazine	63	U	410	63
120-12-7	Anthracene	50	U	410	50
86-74-8	Carbazole	48	U	410	48
85-01-8	Phenanthrene	52	U	410	52
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	34	U	410	34
218-01-9	Chrysene	48	U	410	48
207-08-9	Benzo[k]fluoranthene	3.1	U	41	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	410	30
205-99-2	Benzo[b]fluoranthene	2.6	U	41	2.6
50-32-8	Benzo[a]pyrene	2.9	U	41	2.9
56-55-3	Benzo[a]anthracene	2.8	U	41	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	410	40
85-68-7	Butyl benzyl phthalate	37	U	410	37
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	410	140
117-84-0	Di-n-octyl phthalate	26	U	410	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.6	U	41	7.6
53-70-3	Dibenz(a,h)anthracene	5.1	U	41	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	830	140
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U *	410	55
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	410	53
123-91-1	1,4-Dioxane	30	U	410	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: u78047.d

Analysis Method: 8270C | Date Collected: 06/25/2012 09:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	96		41-118
1718-51-0	Terphenyl-d14	103		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	101		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: u78047.d

Analysis Method: 8270C | Date Collected: 06/25/2012 09:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 11 | TIC Result Total: 6890

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldehyde	11.81	780	J
	Unknown Alkane-1	12.05	460	J
	Unknown-1	12.18	620	J
	Unknown-2	12.69	340	J
	Unknown Alkane-2	12.94	650	J
	Unknown-3	13.63	440	J
	Unknown Alkane-3	13.88	460	J
	Unknown-4	14.12	1700	J
	Unknown-5	14.23	450	J
	Unknown-6	15.29	560	J
	Unknown-7	15.72	430	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78047.d
Report Date: 08-Jul-2012 23:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78047.d
Lab Smp Id: 460-41730-E-2-E Client Smp ID: SF-26
Inj Date : 06-JUL-2012 16:02
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-2-E
Misc Info : 460-41730-E-2-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	19.09449	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.227	2.210	(0.645)	423241	101.257	8300
$ 17 Phenol-d5 (SUR)	99	3.137	3.145	(0.909)	692427	95.8583	7900
* 79 1,4-Dichlorobenzene-d4	152	3.451	3.454	(1.000)	136403	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.038	4.048	(0.848)	421935	40.9847	3400
* 80 Naphthalene-d8	136	4.765	4.765	(1.000)	580149	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.879	(0.901)	573750	41.3081	3400
* 82 Acenaphthene-d10	164	6.517	6.523	(1.000)	404269	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.304	7.310	(1.121)	233340	74.9865	6200
* 83 Phenanthrene-d10	188	7.972	7.978	(1.000)	734331	40.0000	
52 Phenanthrene	178	7.987	8.000	(1.002)	4774	0.23749	20(a)
$ 78 Terphenyl-d14	244	9.545	9.548	(0.904)	676964	51.5912	4200
* 81 Chrysene-d12	240	10.563	10.573	(1.000)	518320	40.0000	
* 84 Perylene-d12	264	12.235	12.244	(1.000)	381438	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78047.d
Report Date: 08-Jul-2012 23:46

QC Flag Legend

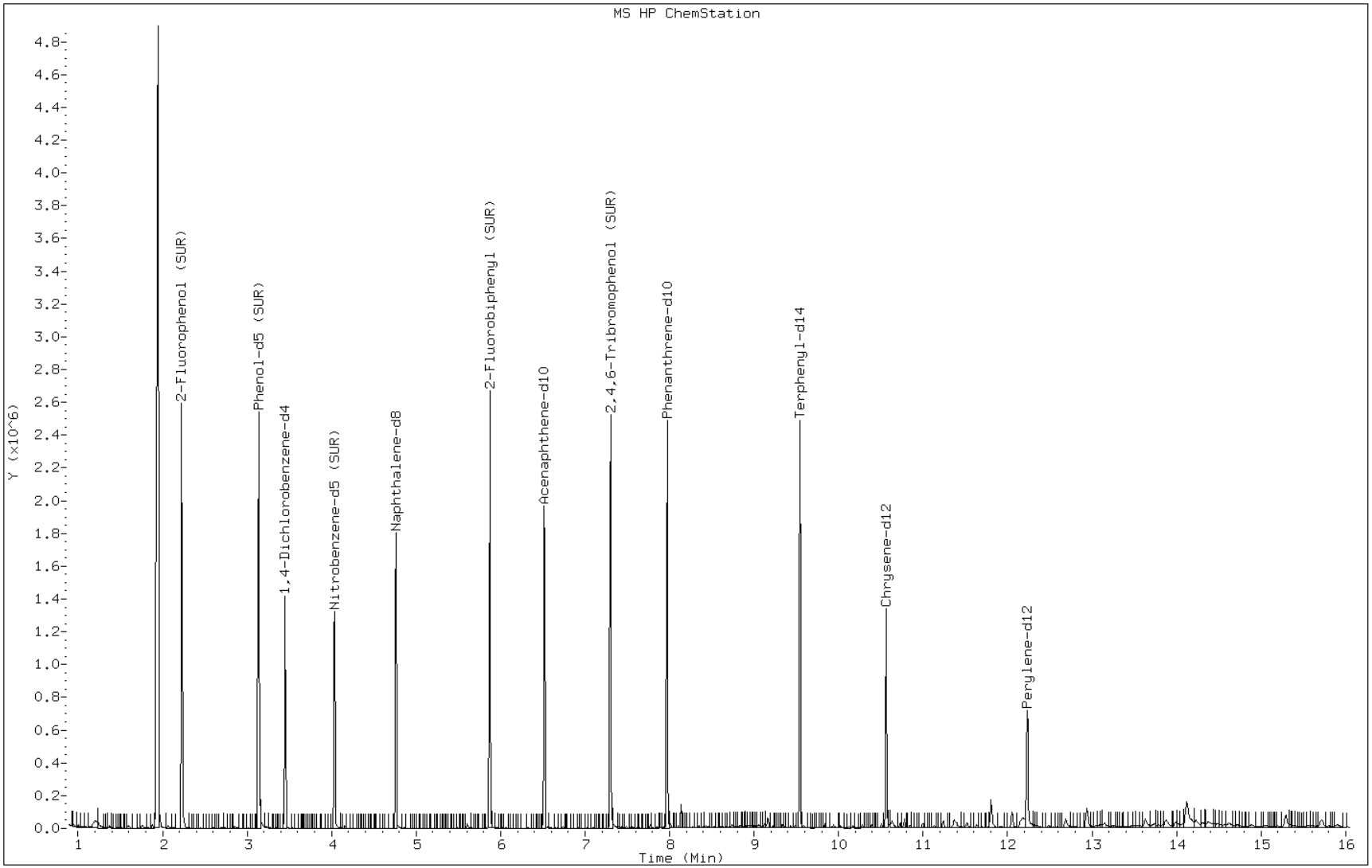
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78047.d

Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4



Data File: u78047.d

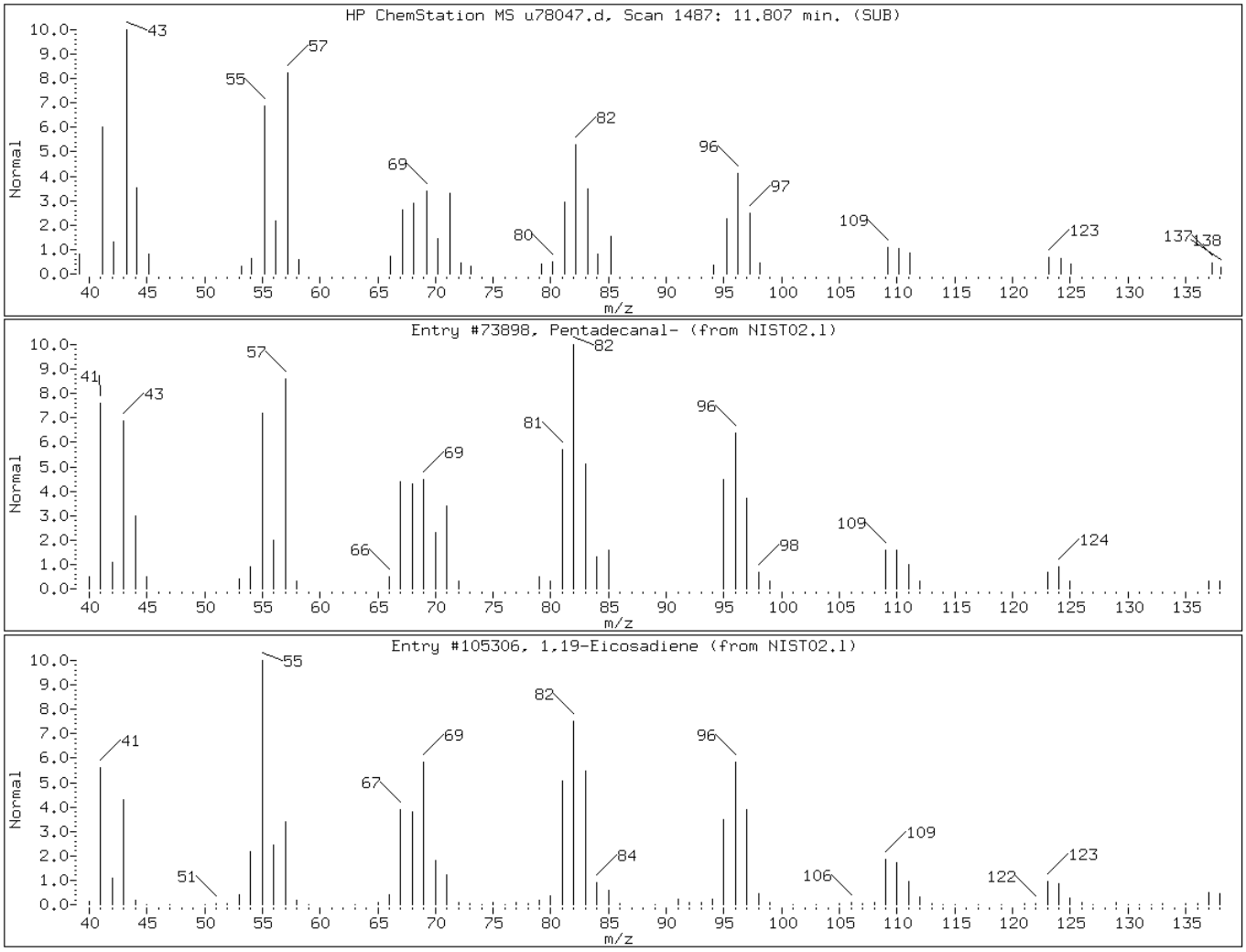
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 11.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldehyde						
Pentadecanal-	2765-11-9	NIST02.l	73898	91	C15H30O	226
1,19-Eicosadiene	14811-95-1	NIST02.l	105306	87	C20H38	278



Data File: u78047.d

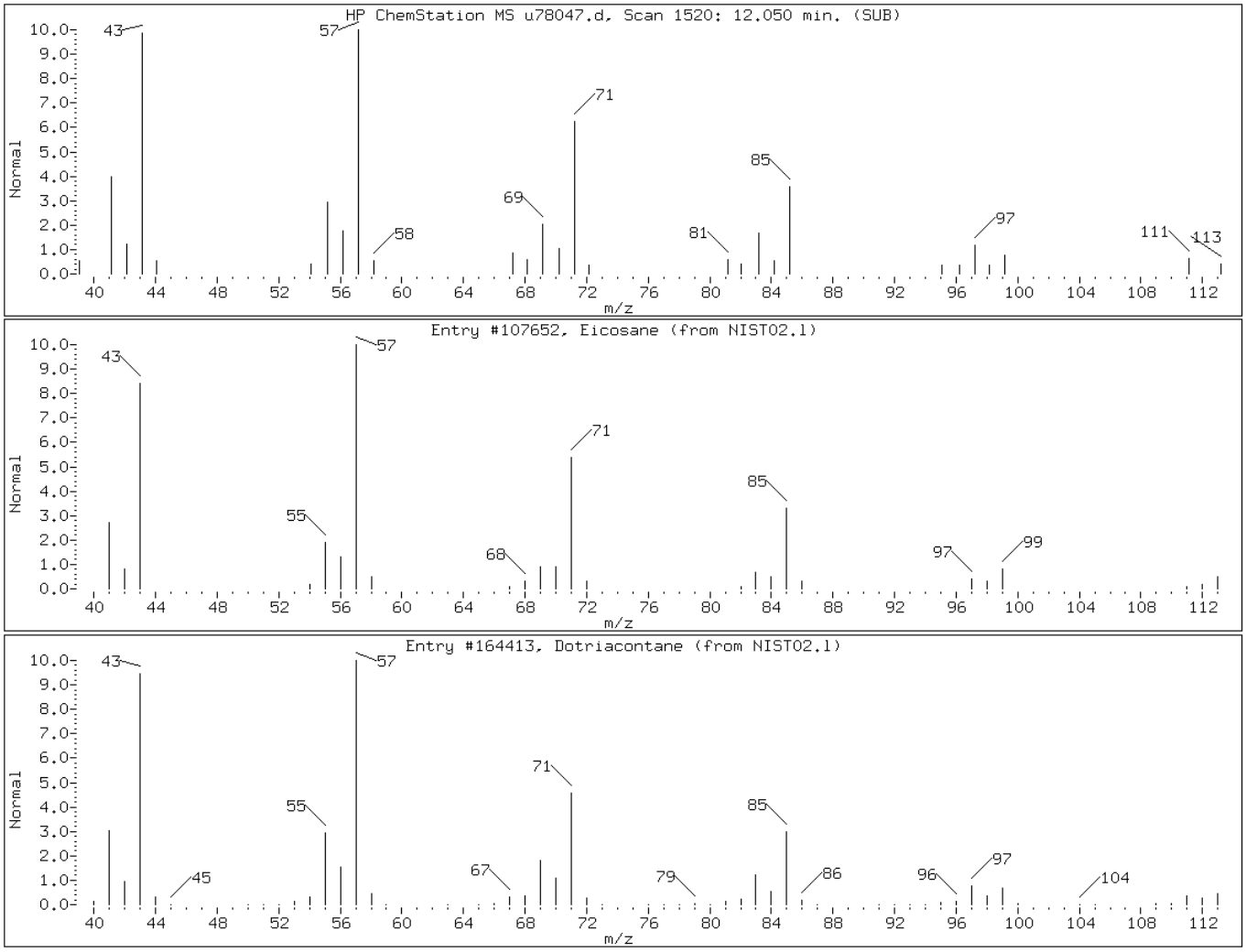
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282
Dotriacontane	544-85-4	NIST02.l	164413	80	C32H66	451



Data File: u78047.d

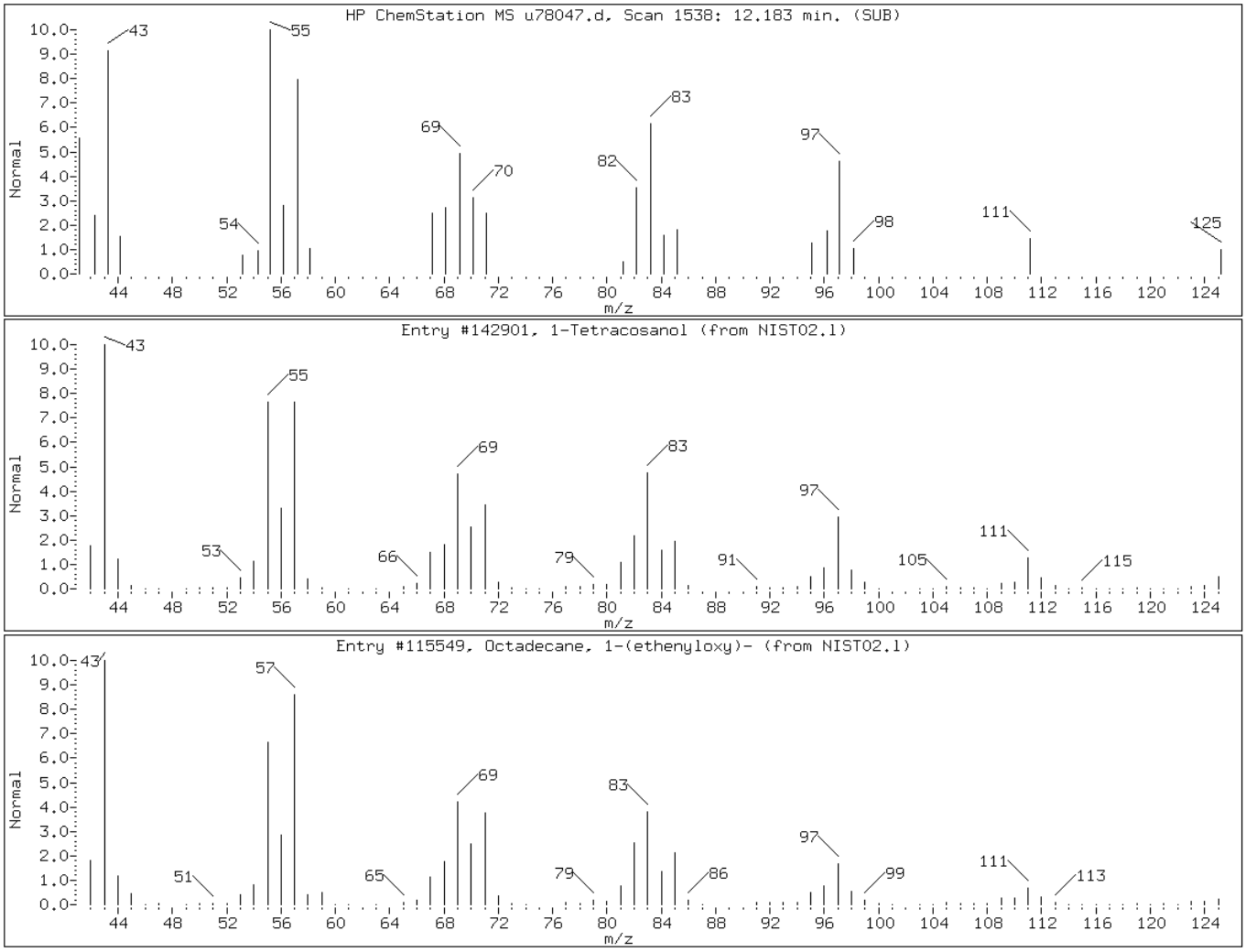
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 12.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Tetracosanol	506-51-4	NIST02.l	142901	64	C24H50O	354
Octadecane, 1-(ethenyloxy)-	930-02-9	NIST02.l	115549	59	C20H40O	296



Data File: u78047.d

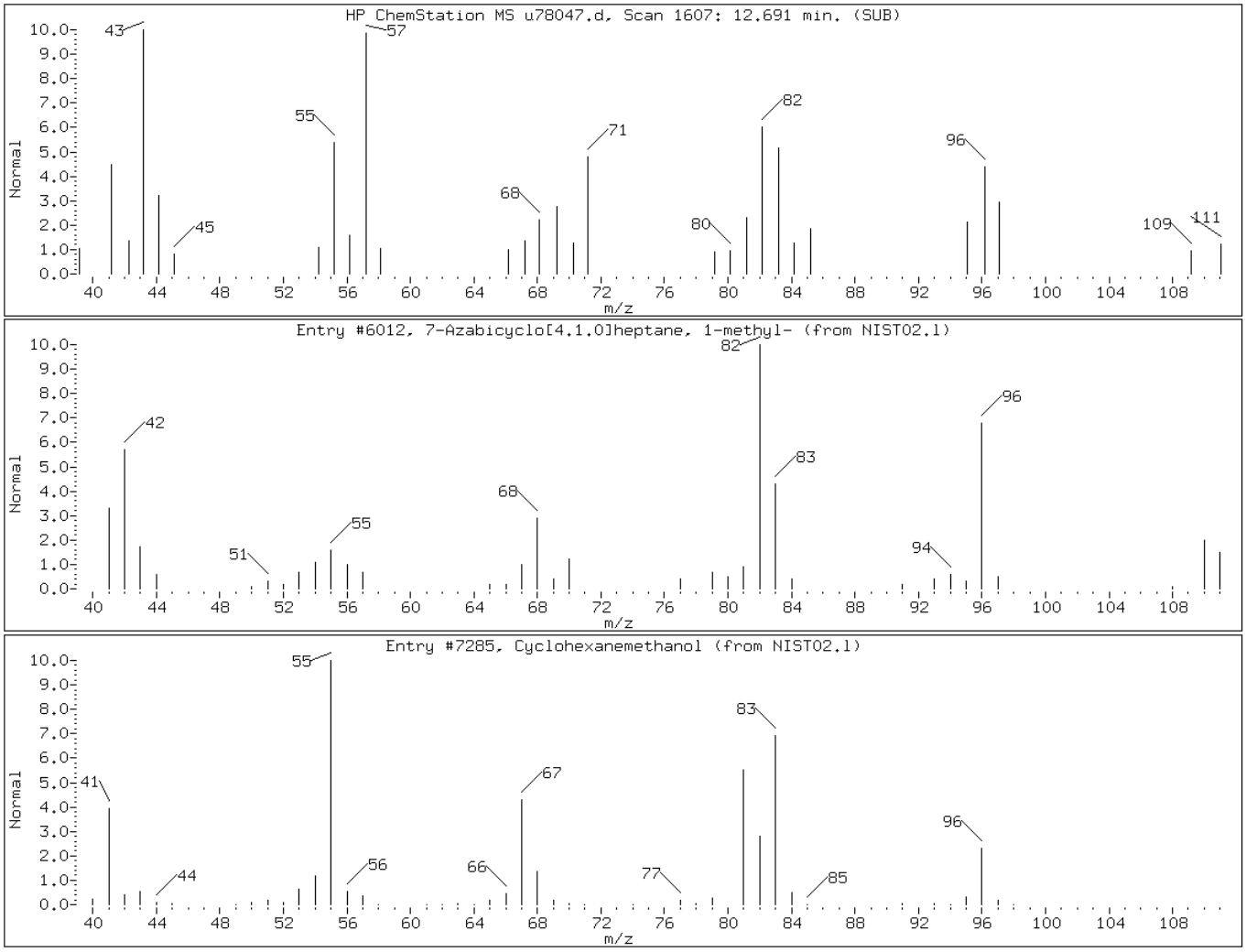
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 12.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
7-Azabicyclo[4.1.0]heptane, 1-meth	25022-25-7	NIST02.l	6012	35	C7H13N	111
Cyclohexanemethanol	100-49-2	NIST02.l	7285	25	C7H14O	114



Data File: u78047.d

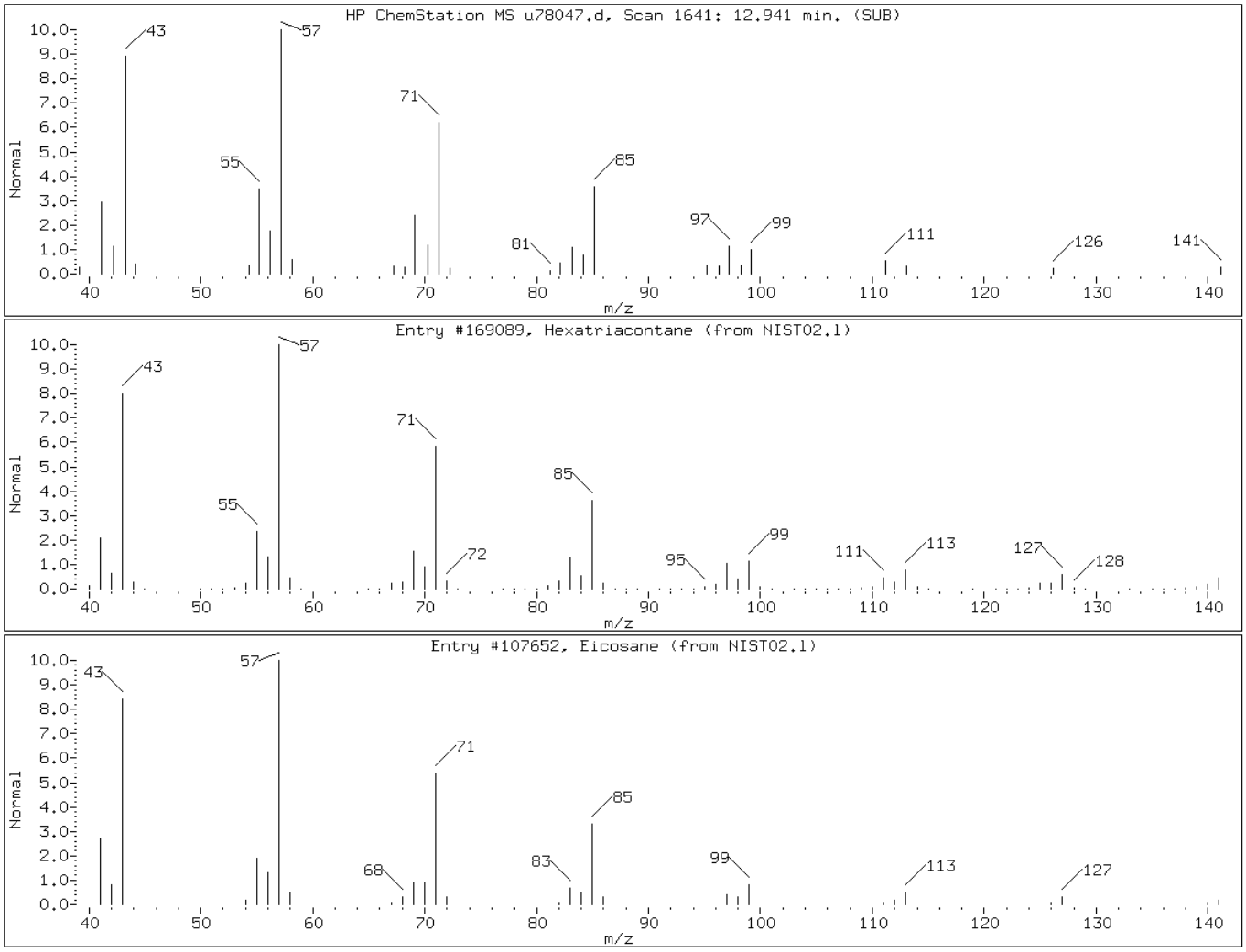
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Hexatriacontane	630-06-8	NIST02.l	169089	83	C36H74	507
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282



Data File: u78047.d

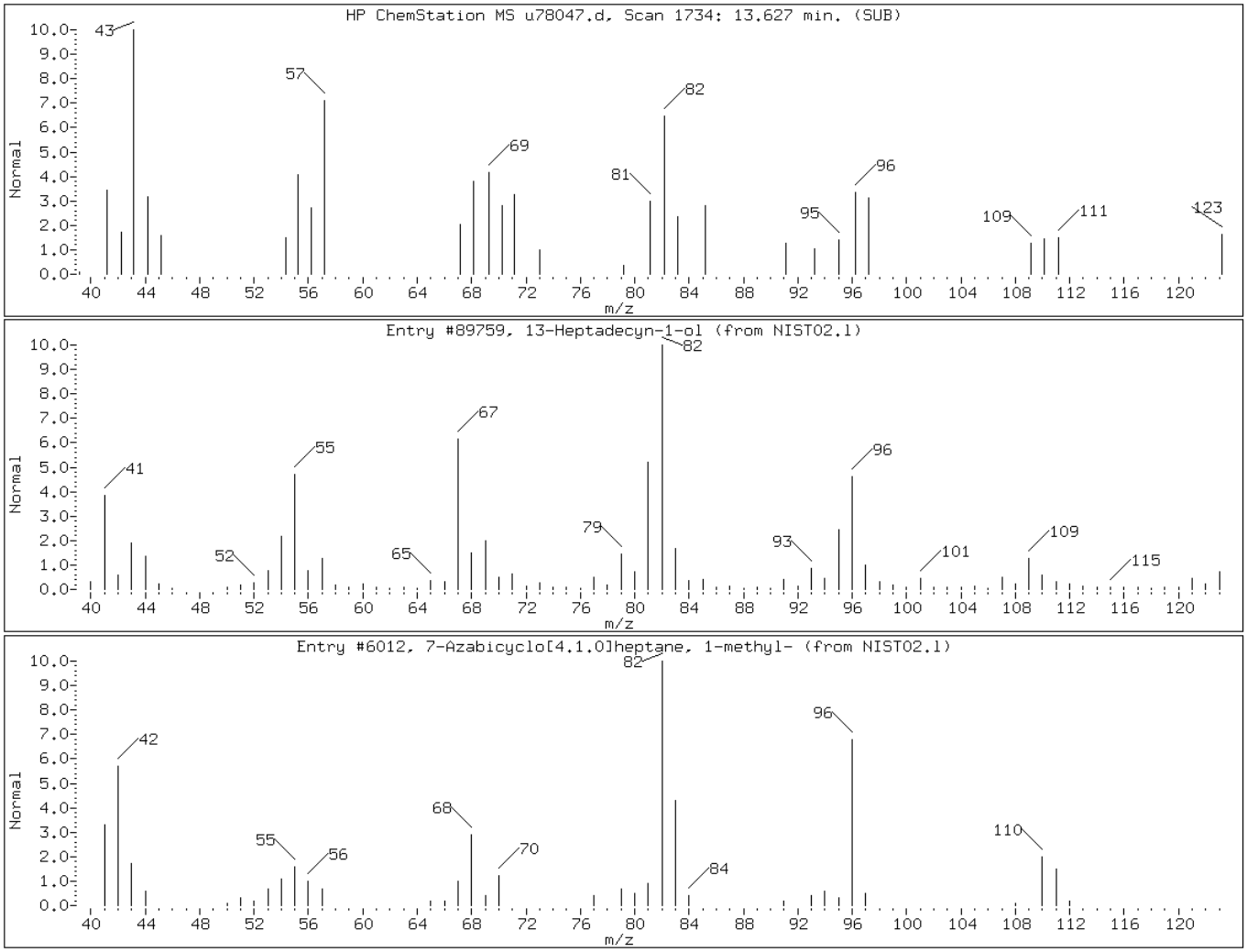
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
13-Heptadecyn-1-ol	56554-77-9	NIST02.l	89759	38	C17H32O	252
7-Azabicyclo[4.1.0]heptane, 1-meth	25022-25-7	NIST02.l	6012	38	C7H13N	111



Data File: u78047.d

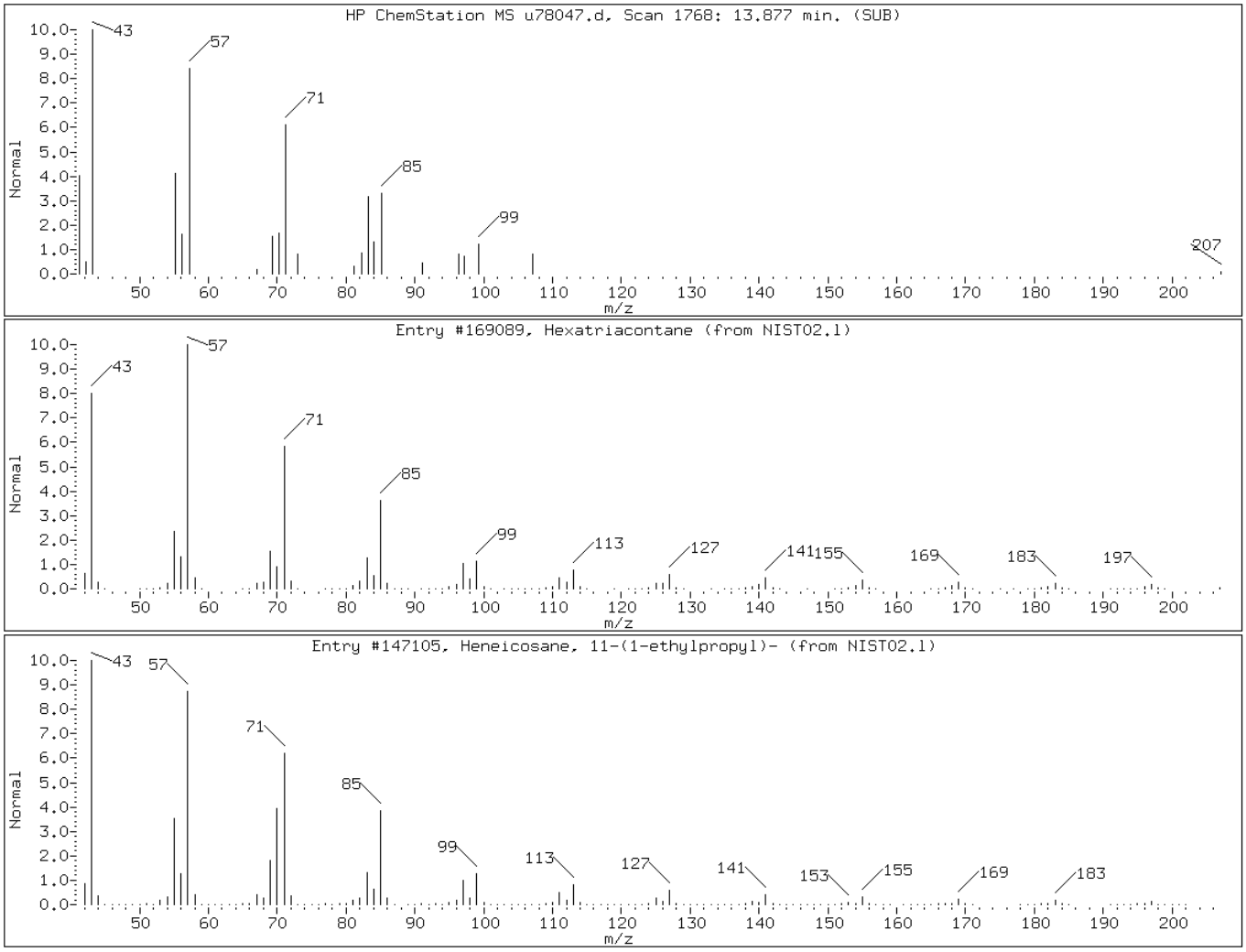
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 13.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexatriacontane	630-06-8	NIST02.l	169089	59	C36H74	507
Heneicosane, 11-(1-ethylpropyl)-	55282-11-6	NIST02.l	147105	59	C26H54	366



Data File: u78047.d

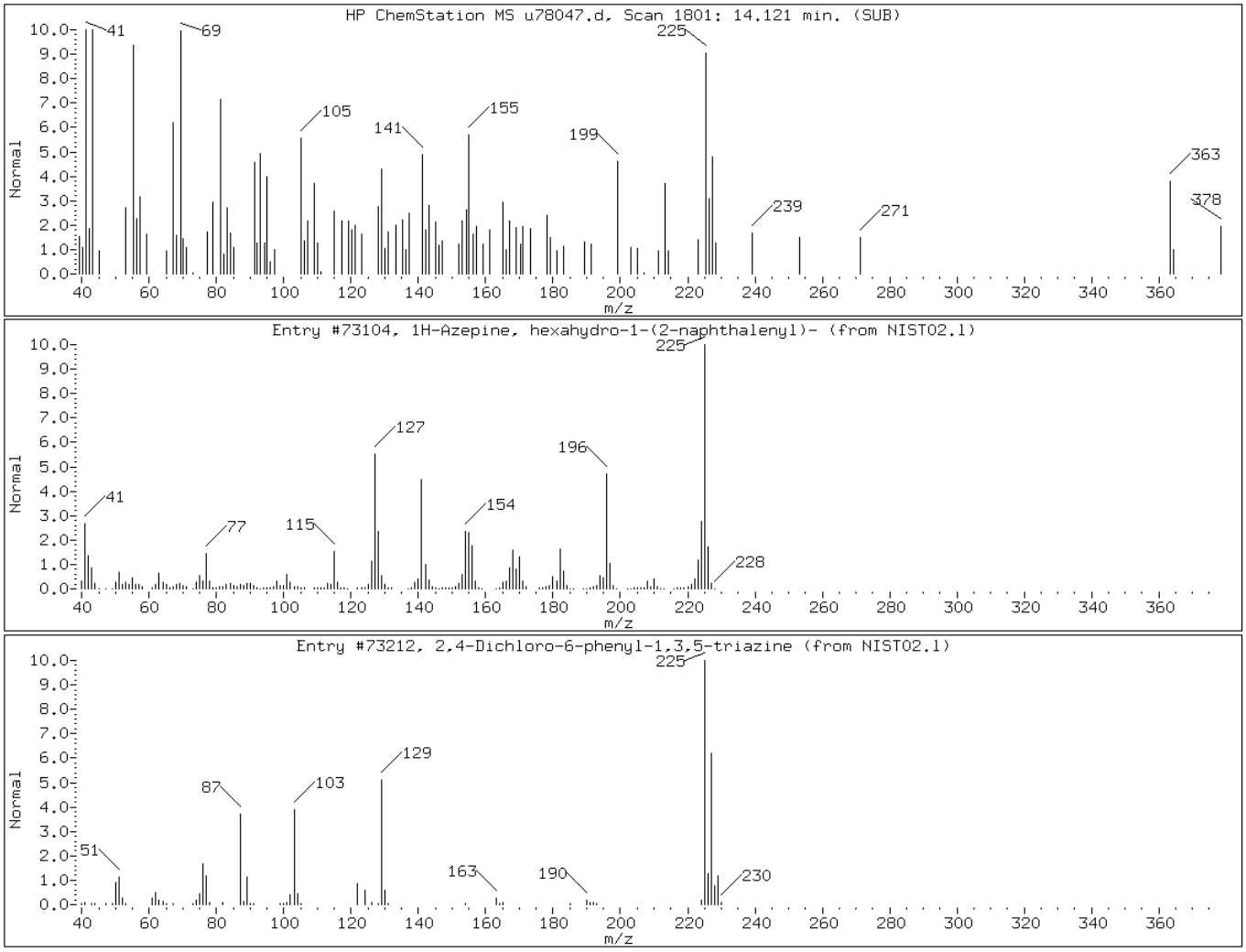
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 14.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
1H-Azepine, hexahydro-1-(2-naphtha	55045-05-1	NIST02.l	73104	35	C16H19N	225
2,4-Dichloro-6-phenyl-1,3,5-triazi	1700-02-3	NIST02.l	73212	22	C9H5Cl2N3	225



Data File: u78047.d

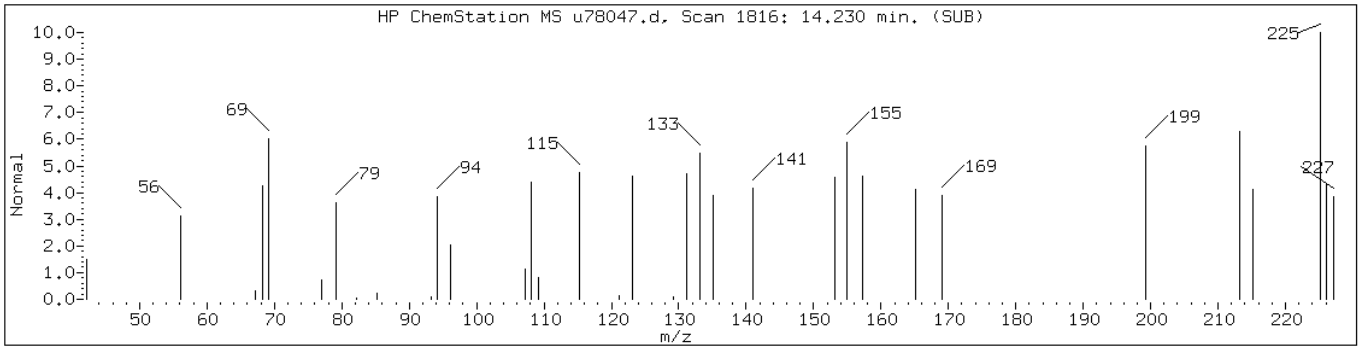
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 14.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Unknown						



Data File: u78047.d

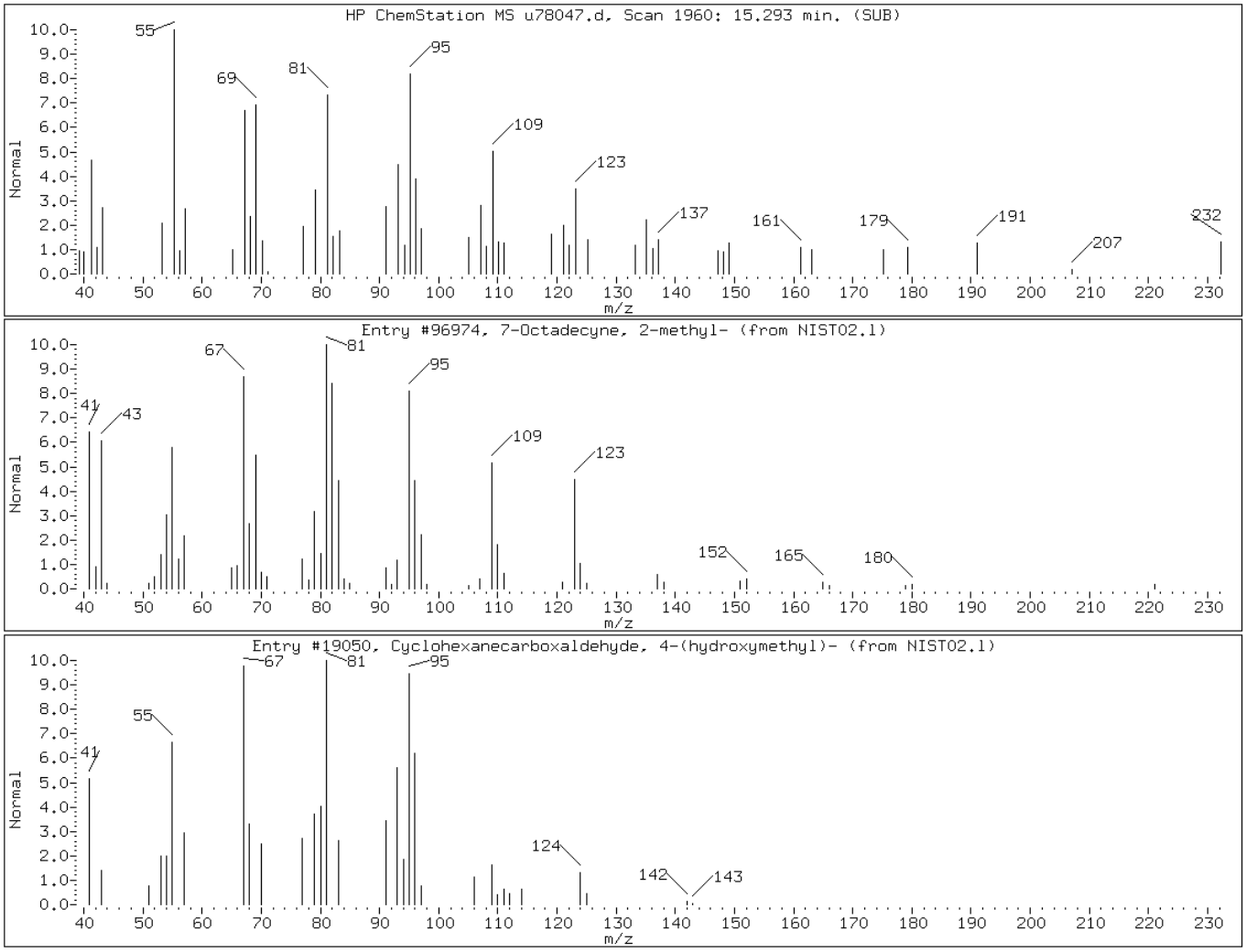
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 15.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
7-Octadecyne, 2-methyl-	35354-38-2	NIST02.l	96974	52	C19H36	264
Cyclohexanecarboxaldehyde, 4-(hydr	92385-32-5	NIST02.l	19050	52	C8H14O2	142



Data File: u78047.d

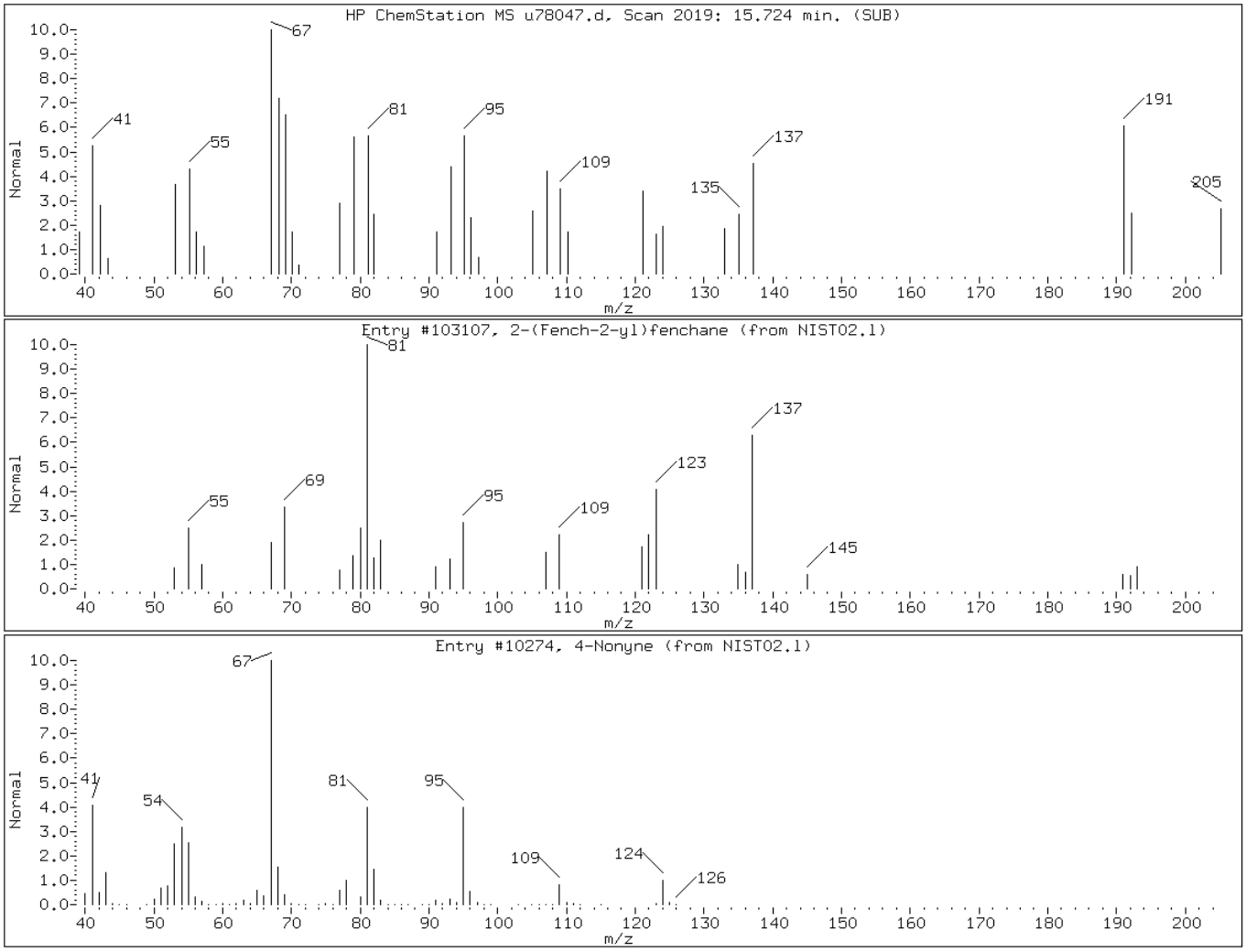
Date: 06-JUL-2012 16:02

Client ID: SF-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-2-E Operator: BNAMS 4

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
2-(Fench-2-yl)fenchane	1000105-83-1	NIST02.l	103107	38	C20H34	274
4-Nonyne	20184-91-2	NIST02.l	10274	35	C9H16	124



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Matrix: Solid | Lab File ID: u78031.d

Analysis Method: 8270C | Date Collected: 06/25/2012 10:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	66	U	380	66
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	380	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Matrix: Solid | Lab File ID: u78031.d

Analysis Method: 8270C | Date Collected: 06/25/2012 10:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50
123-91-1	1,4-Dioxane	28	U	380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: u78031.d

Analysis Method: 8270C Date Collected: 06/25/2012 10:50

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) Date Analyzed: 07/06/2012 10:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	86		10-120
367-12-4	2-Fluorophenol	104		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: u78031.d

Analysis Method: 8270C Date Collected: 06/25/2012 10:50

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) Date Analyzed: 07/06/2012 10:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78031.d
Report Date: 08-Jul-2012 20:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78031.d
Lab Smp Id: 460-41730-E-3-E Client Smp ID: SF-27
Inj Date : 06-JUL-2012 10:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-3-E
Misc Info : 460-41730-E-3-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.01152	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.210	(0.646)	456712	104.400	8100
$ 17 Phenol-d5 (SUR)	99	3.135	3.145	(0.908)	712997	94.3113	7300
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.454	(1.000)	142759	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.048	(0.848)	389735	36.3577	2800
* 80 Naphthalene-d8	136	4.760	4.765	(1.000)	604072	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.879	(0.900)	538348	38.4949	3000
* 82 Acenaphthene-d10	164	6.521	6.523	(1.000)	407046	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.310	(1.120)	269028	85.8655	6600
* 83 Phenanthrene-d10	188	7.971	7.978	(1.000)	834273	40.0000	
52 Phenanthrene	178	7.992	8.000	(1.003)	3978	0.17418	13(a)
$ 78 Terphenyl-d14	244	9.547	9.548	(0.903)	814217	40.1536	3100
* 81 Chrysene-d12	240	10.571	10.573	(1.000)	800983	40.0000	
* 84 Perylene-d12	264	12.240	12.244	(1.000)	600338	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78031.d
Report Date: 08-Jul-2012 20:22

QC Flag Legend

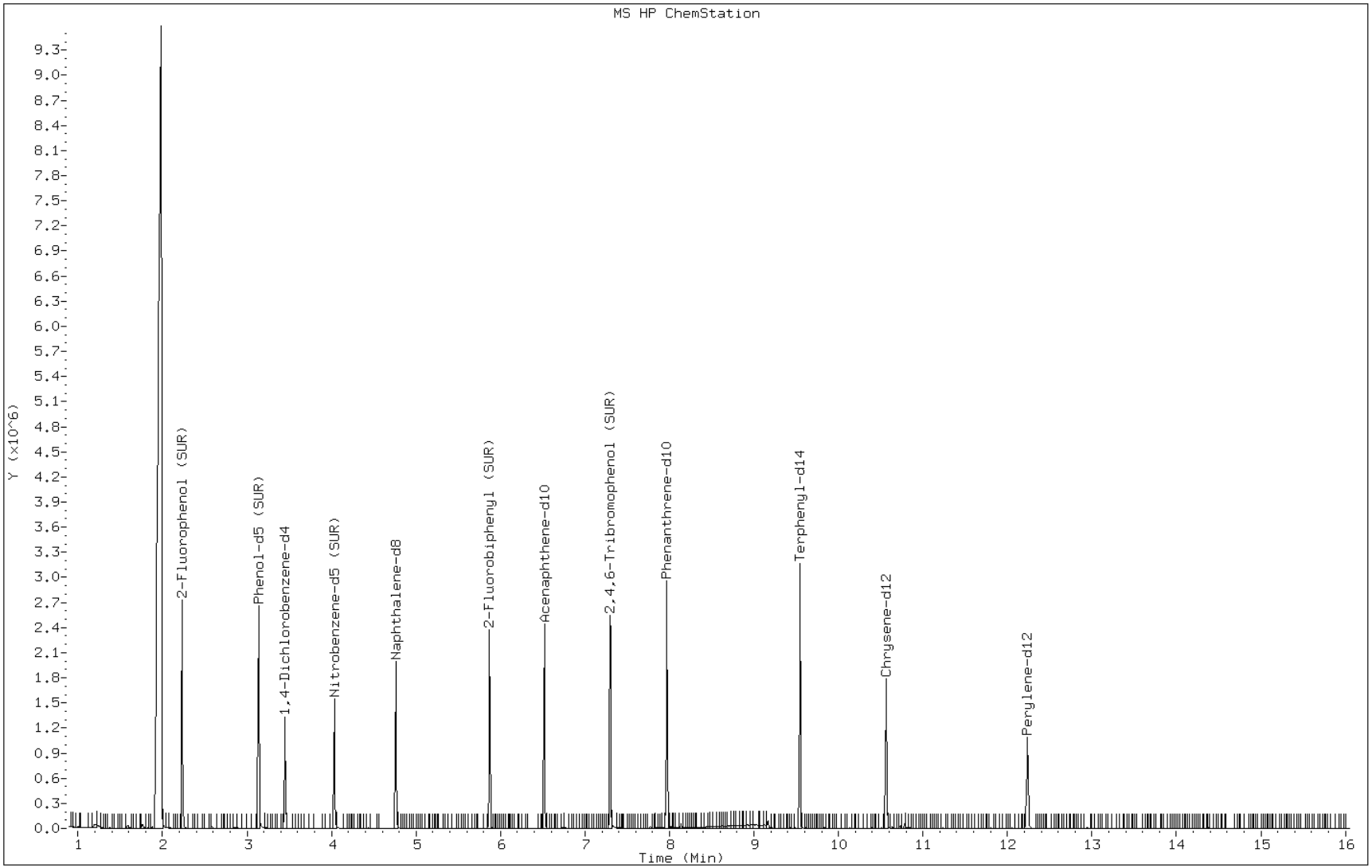
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78031.d

Date: 06-JUL-2012 10:39

Client ID: SF-27 Instrument: BNAMS4.i

Sample Info: 460-41730-E-3-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: u78032.d

Analysis Method: 8270C | Date Collected: 06/25/2012 11:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	98	U	370	98
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	750	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: u78032.d

Analysis Method: 8270C | Date Collected: 06/25/2012 11:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: u78032.d

Analysis Method: 8270C | Date Collected: 06/25/2012 11:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	97		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: u78032.d

Analysis Method: 8270C | Date Collected: 06/25/2012 11:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78032.d
Report Date: 08-Jul-2012 20:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78032.d
Lab Smp Id: 460-41730-E-4-E Client Smp ID: SF-28
Inj Date : 06-JUL-2012 10:59
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-4-E
Misc Info : 460-41730-E-4-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	10.40268	% Moisture

Cpnd Variable Local Compound Variable

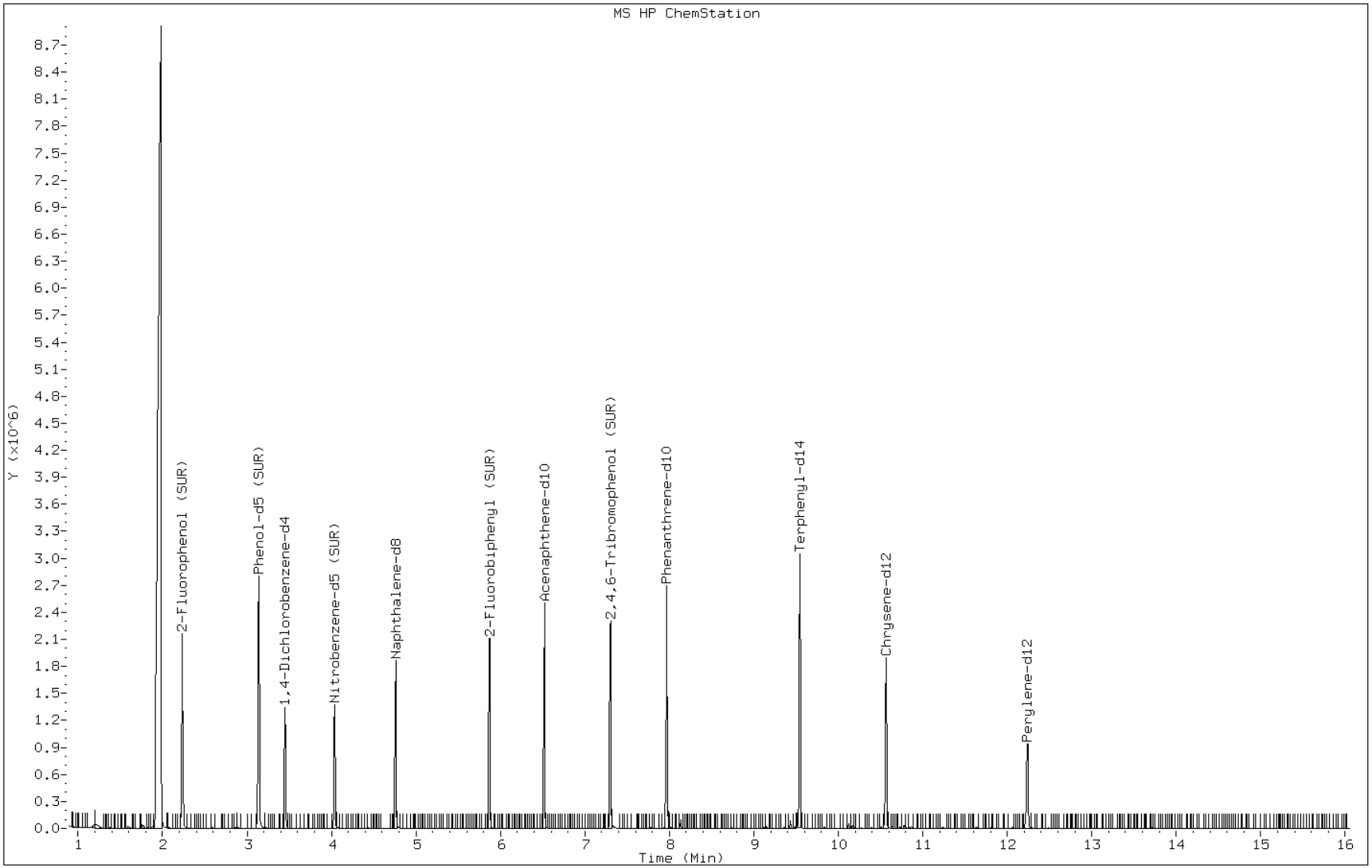
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.237	2.210	(0.649)	433496	96.6447	7200
$ 17 Phenol-d5 (SUR)	99	3.141	3.145	(0.911)	727008	93.7884	7000
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.454	(1.000)	146376	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.048	(0.848)	399472	37.7685	2800
* 80 Naphthalene-d8	136	4.763	4.765	(1.000)	596035	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.875	5.879	(0.901)	605570	42.0048	3100
* 82 Acenaphthene-d10	164	6.521	6.523	(1.000)	419613	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.304	7.310	(1.120)	242400	75.0496	5600
* 83 Phenanthrene-d10	188	7.972	7.978	(1.000)	850431	40.0000	
$ 78 Terphenyl-d14	244	9.545	9.548	(0.903)	841707	46.0013	3400
* 81 Chrysene-d12	240	10.568	10.573	(1.000)	722767	40.0000	
* 84 Perylene-d12	264	12.243	12.244	(1.000)	573299	40.0000	

Data File: u78032.d

Date: 06-JUL-2012 10:59

Client ID: SF-28 Instrument: BNAMS4.i

Sample Info: 460-41730-E-4-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: u78049.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	77	U	390	77
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
105-60-2	Caprolactam	90	U	390	90
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	790	160
606-20-2	2,6-Dinitrotoluene	12	U	79	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: u78049.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	79	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	50	U	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	52	J	390	33
218-01-9	Chrysene	46	U	390	46
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51
123-91-1	1,4-Dioxane	28	U	390	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: u78049.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	101		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	52		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: u78049.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 16:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 1790

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	12.94	320	J
	Unknown-1	14.14	520	J
	Unknown-2	14.18	340	J
	Unknown-3	15.72	610	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78049.d
Report Date: 08-Jul-2012 23:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78049.d
Lab Smp Id: 460-41730-E-5-L Client Smp ID: SF-29
Inj Date : 06-JUL-2012 16:42
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-5-L
Misc Info : 460-41730-E-5-L
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.226	2.210	(0.645)	308669	67.0161	5300
$ 17 Phenol-d5 (SUR)	99	3.136	3.145	(0.909)	563379	70.7789	5600
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.454	(1.000)	150306	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.048	(0.847)	301765	26.8520	2100
* 80 Naphthalene-d8	136	4.766	4.765	(1.000)	633297	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.879	(0.900)	410312	26.0787	2000
* 82 Acenaphthene-d10	164	6.525	6.523	(1.000)	457943	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.306	7.310	(1.120)	205932	58.4221	4600
* 83 Phenanthrene-d10	188	7.969	7.978	(1.000)	792702	40.0000	
56 Fluoranthene	202	9.149	9.159	(1.148)	10548	0.46059	36(aH)
57 Pyrene	202	9.361	9.372	(0.866)	10960	0.66423	52(aMH)
$ 78 Terphenyl-d14	244	9.546	9.548	(0.904)	656035	50.2711	4000
* 81 Chrysene-d12	240	10.565	10.573	(1.000)	515485	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78049.d
Report Date: 08-Jul-2012 23:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.237	12.244	(1.000)	407010	40.0000	

QC Flag Legend

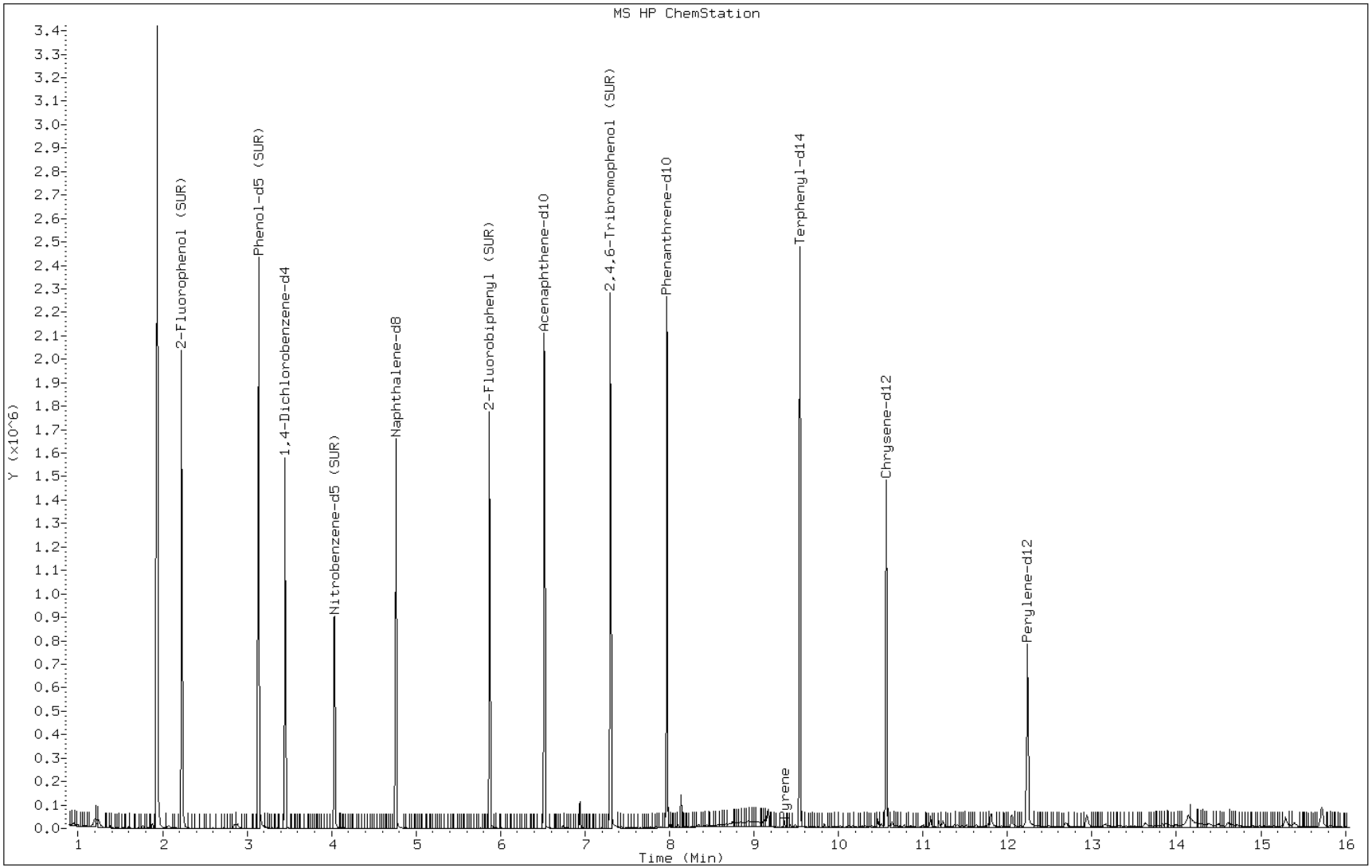
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u78049.d

Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4



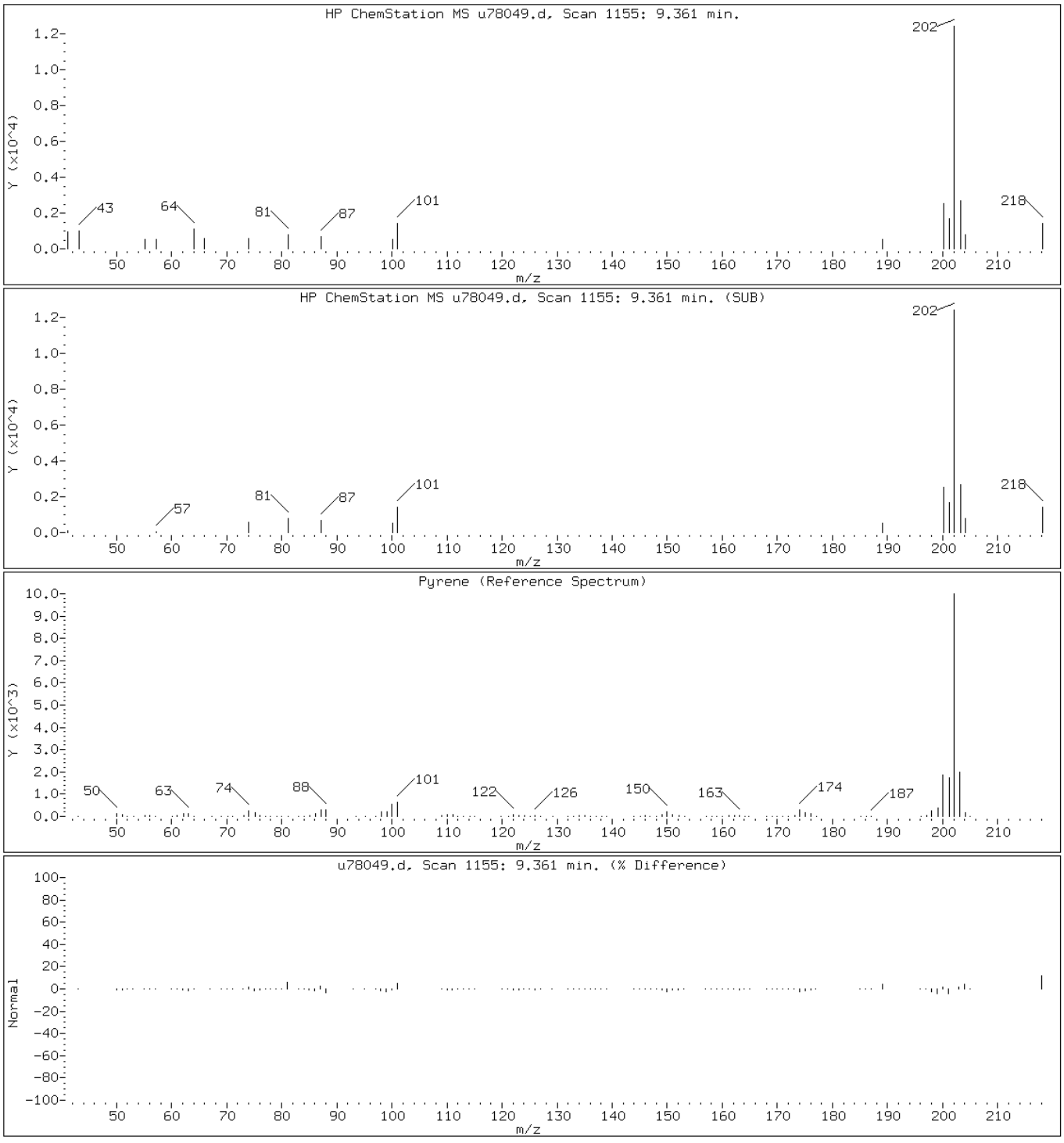
Data File: u78049.d

Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4

57 Pyrene



Manual Integration Report

Data File: u78049.d
Inj. Date and Time: 06-JUL-2012 16:42
Instrument ID: BNAMS4.i
Client ID: SF-29
Compound: 57 Pyrene
CAS #: 129-00-0
Report Date: 07/09/2012

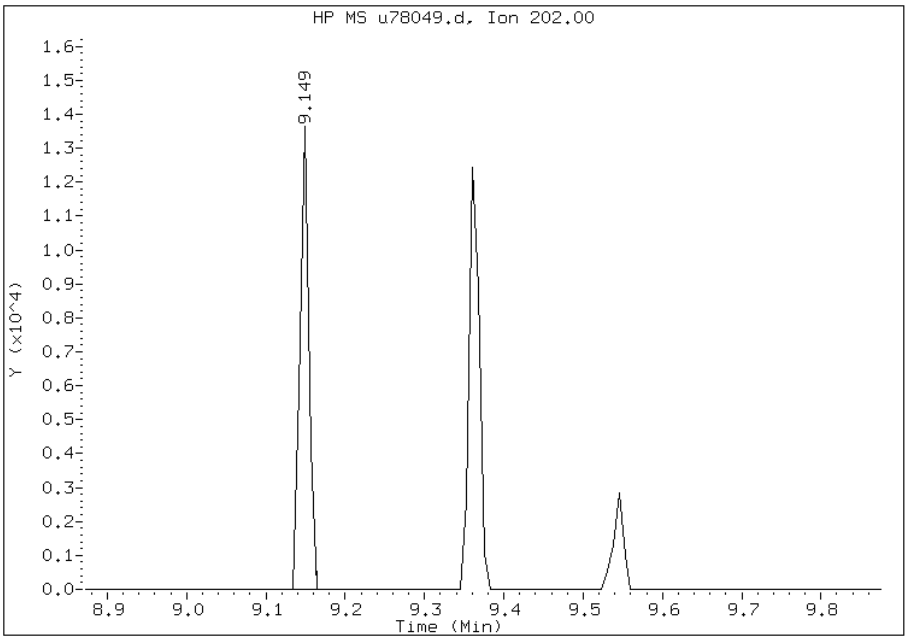
Processing Integration Results

RT: 9.15

Response: 10548

Amount: 1

Conc: 50



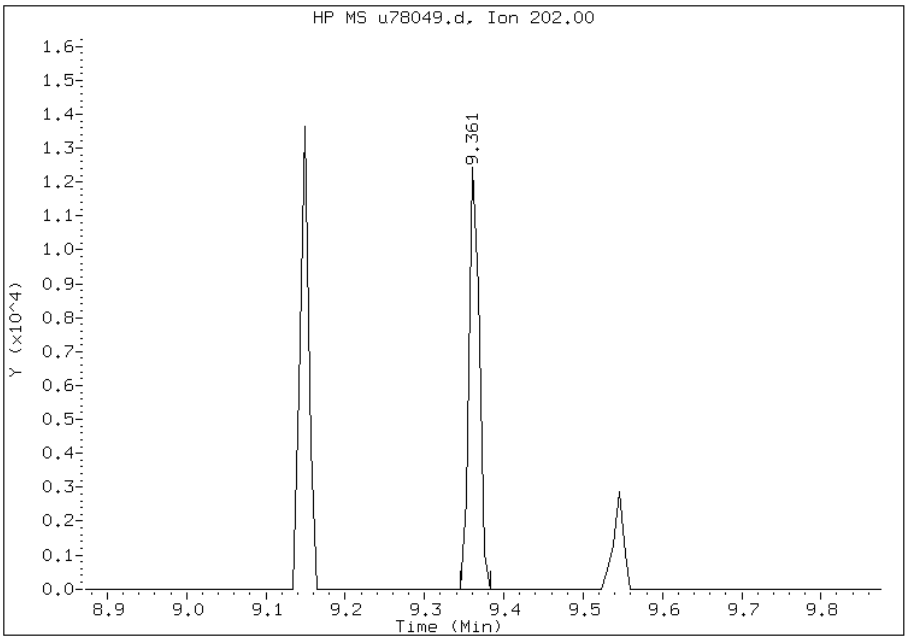
Manual Integration Results

RT: 9.36

Response: 10960

Amount: 1

Conc: 52



Manually Integrated By: wahied
Manual Integration Reason:

Data File: u78049.d

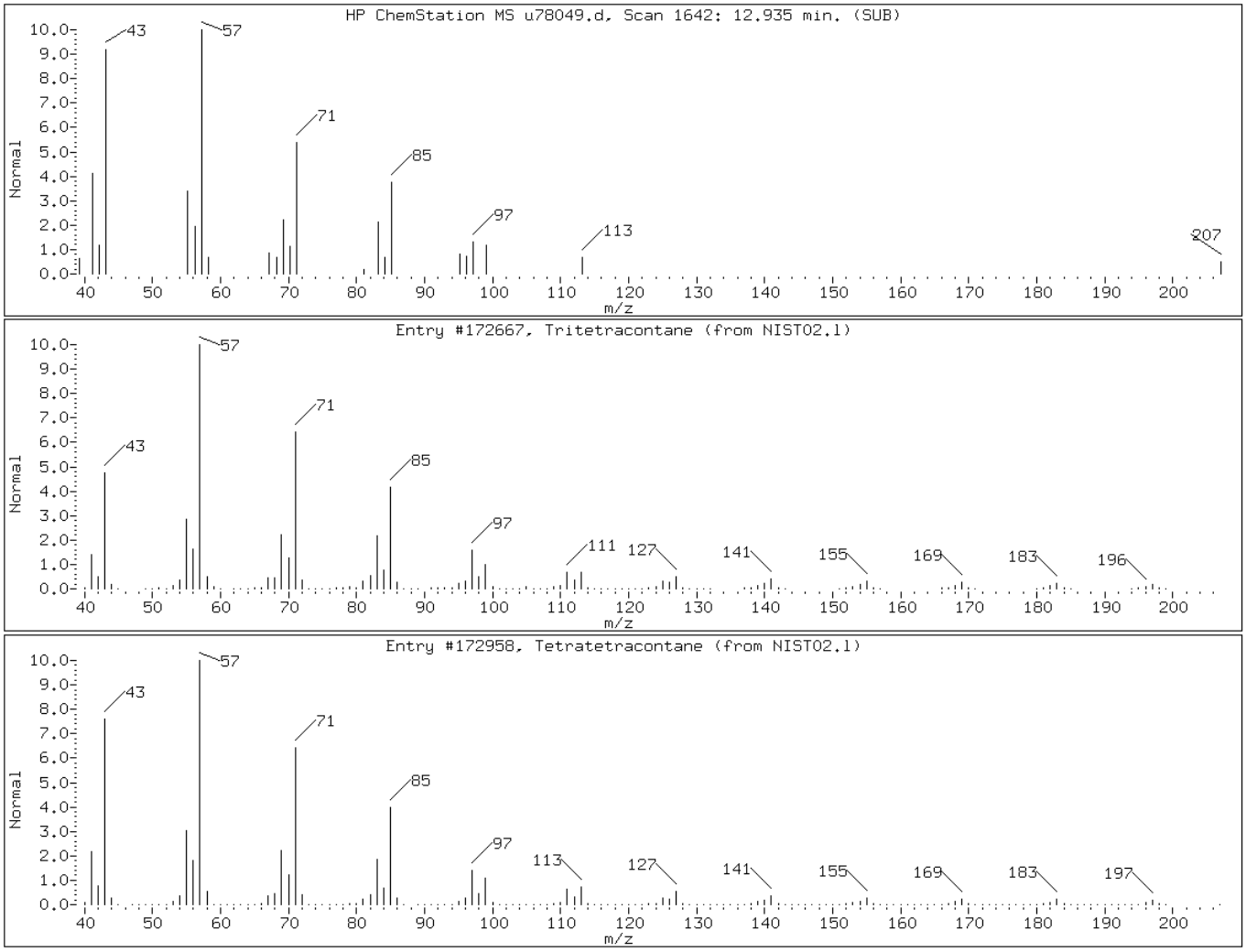
Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tritetracontane	7098-21-7	NIST02.l	172667	86	C43H88	605
Tetratetracontane	7098-22-8	NIST02.l	172958	86	C44H90	619



Data File: u78049.d

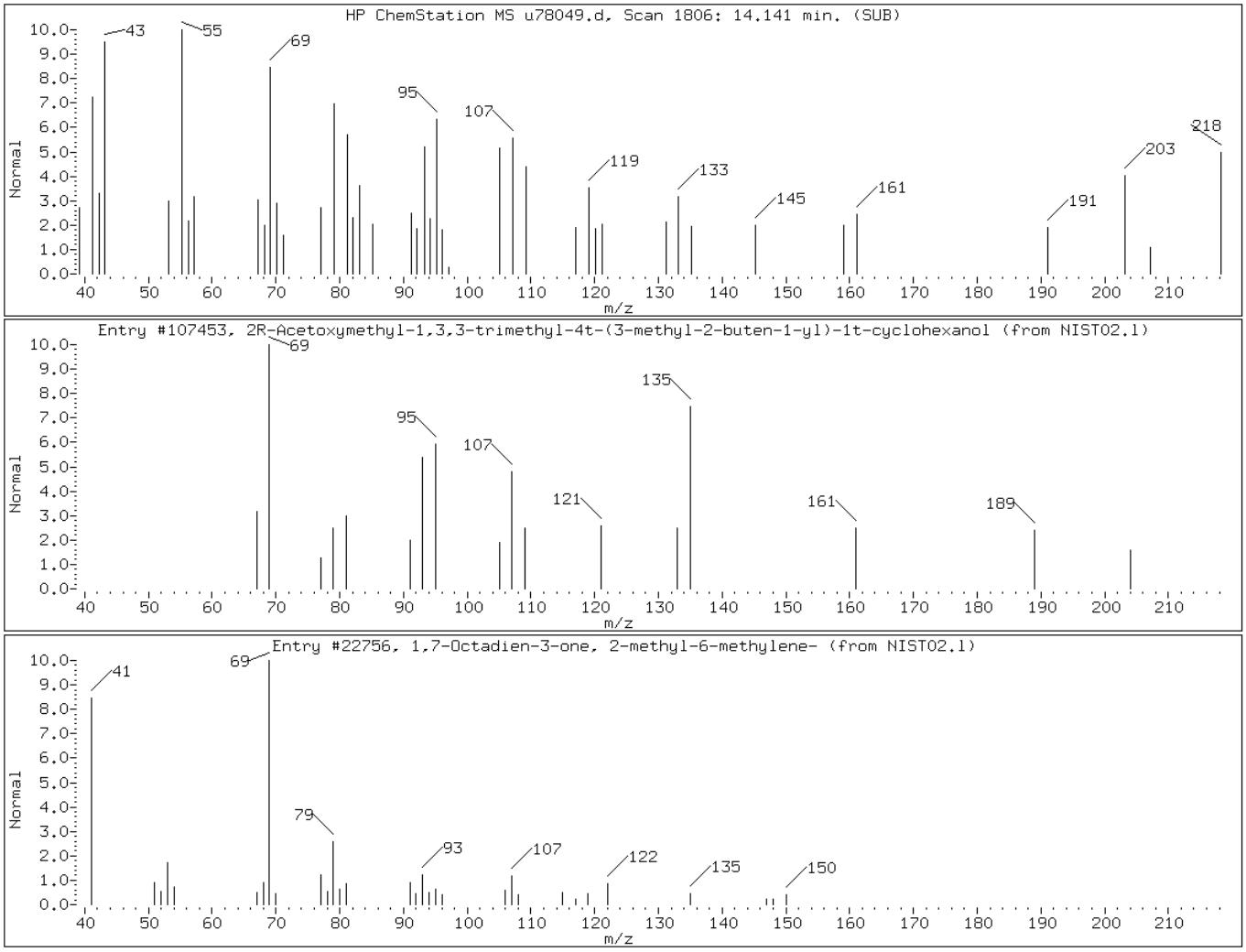
Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4

Retention Time: 14.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2R-Acetoxymethyl-1,3,3-trimethyl-4	1000144-12-4	NIST02.l	107453	37	C17H30O3	282
1,7-Octadien-3-one, 2-methyl-6-met	41702-60-7	NIST02.l	22756	30	C10H14O	150



Data File: u78049.d

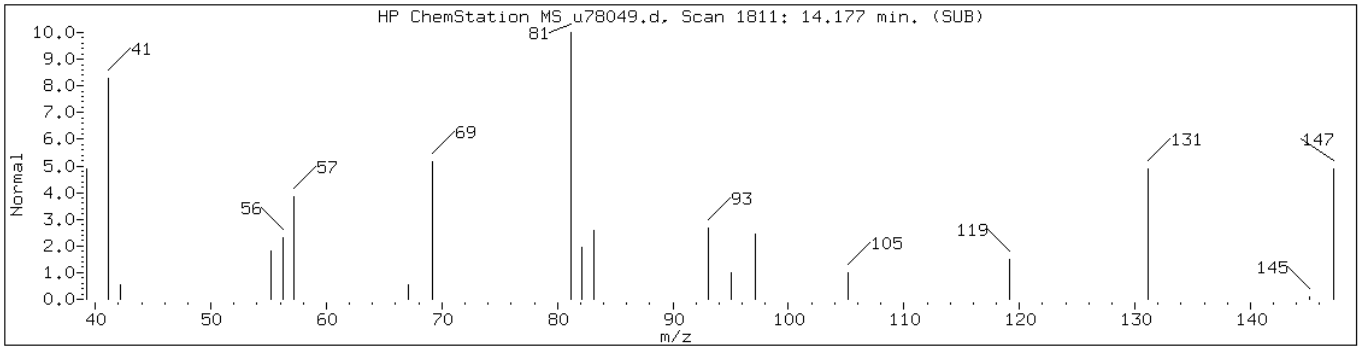
Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4

Retention Time: 14.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: u78049.d

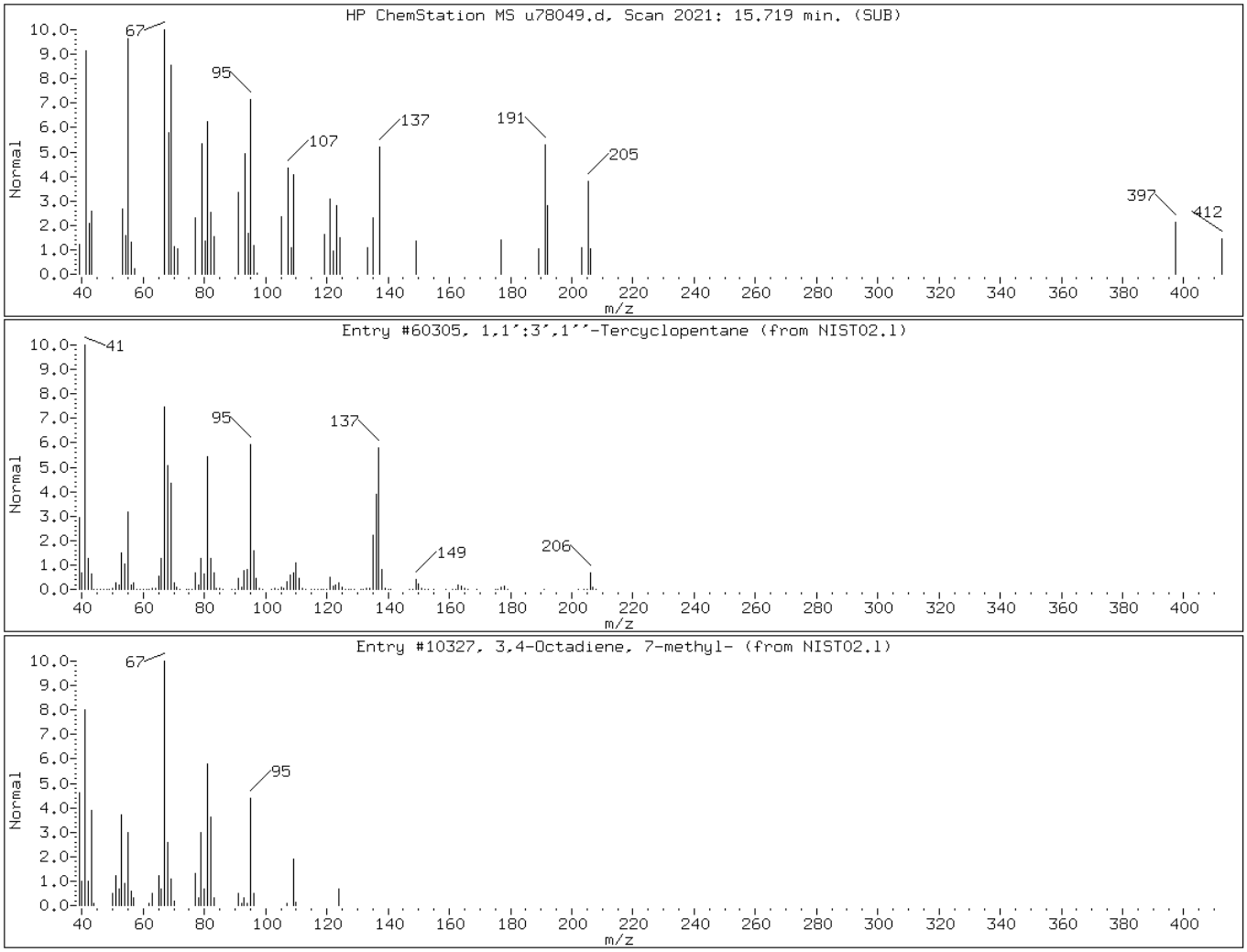
Date: 06-JUL-2012 16:42

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-L Operator: BNAMS 4

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1,1':3',1''-Tercyclopentane	6051-40-7	NIST02.l	60305	42	C15H26	206
3,4-Octadiene, 7-methyl-	37050-05-8	NIST02.l	10327	30	C9H16	124



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: u78033.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:45

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: u78033.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:45

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	46	U	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	48	U	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49
123-91-1	1,4-Dioxane	27	U	380	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 Lab Sample ID: 460-41730-6

Matrix: Solid Lab File ID: u78033.d

Analysis Method: 8270C Date Collected: 06/25/2012 13:45

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) Date Analyzed: 07/06/2012 11:19

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	94		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: u78033.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:45

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 11:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 320

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.80	320	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78033.d
Report Date: 08-Jul-2012 20:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78033.d
Lab Smp Id: 460-41730-E-6-E Client Smp ID: SF-30
Inj Date : 06-JUL-2012 11:19
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-6-E
Misc Info : 460-41730-E-6-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	12.38616	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.241	2.210	(0.649)	451222	94.3536	7200
$ 17 Phenol-d5 (SUR)	99	3.144	3.145	(0.910)	777949	94.1318	7100
* 79 1,4-Dichlorobenzene-d4	152	3.454	3.454	(1.000)	156061	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.033	4.048	(0.846)	398745	36.1555	2700
* 80 Naphthalene-d8	136	4.765	4.765	(1.000)	621494	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.879	(0.900)	612752	39.1388	3000
* 82 Acenaphthene-d10	164	6.520	6.523	(1.000)	455681	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.301	7.310	(1.120)	243468	69.4137	5300
* 83 Phenanthrene-d10	188	7.971	7.978	(1.000)	872270	40.0000	
52 Phenanthrene	178	7.992	8.000	(1.003)	3489	0.14612	11(a)
$ 78 Terphenyl-d14	244	9.547	9.548	(0.903)	788602	43.4215	3300
* 81 Chrysene-d12	240	10.570	10.573	(1.000)	717399	40.0000	
* 84 Perylene-d12	264	12.242	12.244	(1.000)	511795	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78033.d
Report Date: 08-Jul-2012 20:24

QC Flag Legend

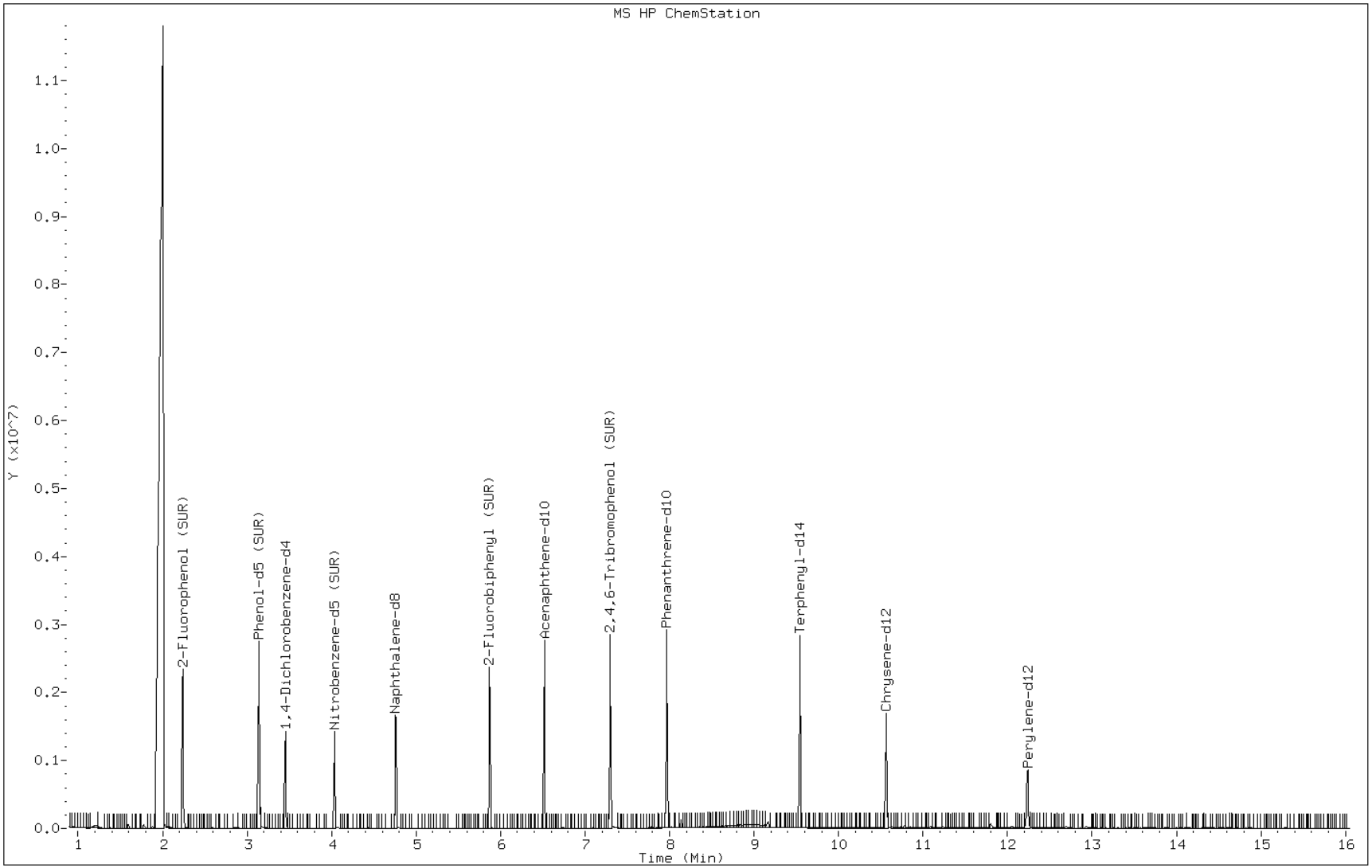
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78033.d

Date: 06-JUL-2012 11:19

Client ID: SF-30 Instrument: BNAMS4.i

Sample Info: 460-41730-E-6-E Operator: BNAMS 4



Data File: u78033.d

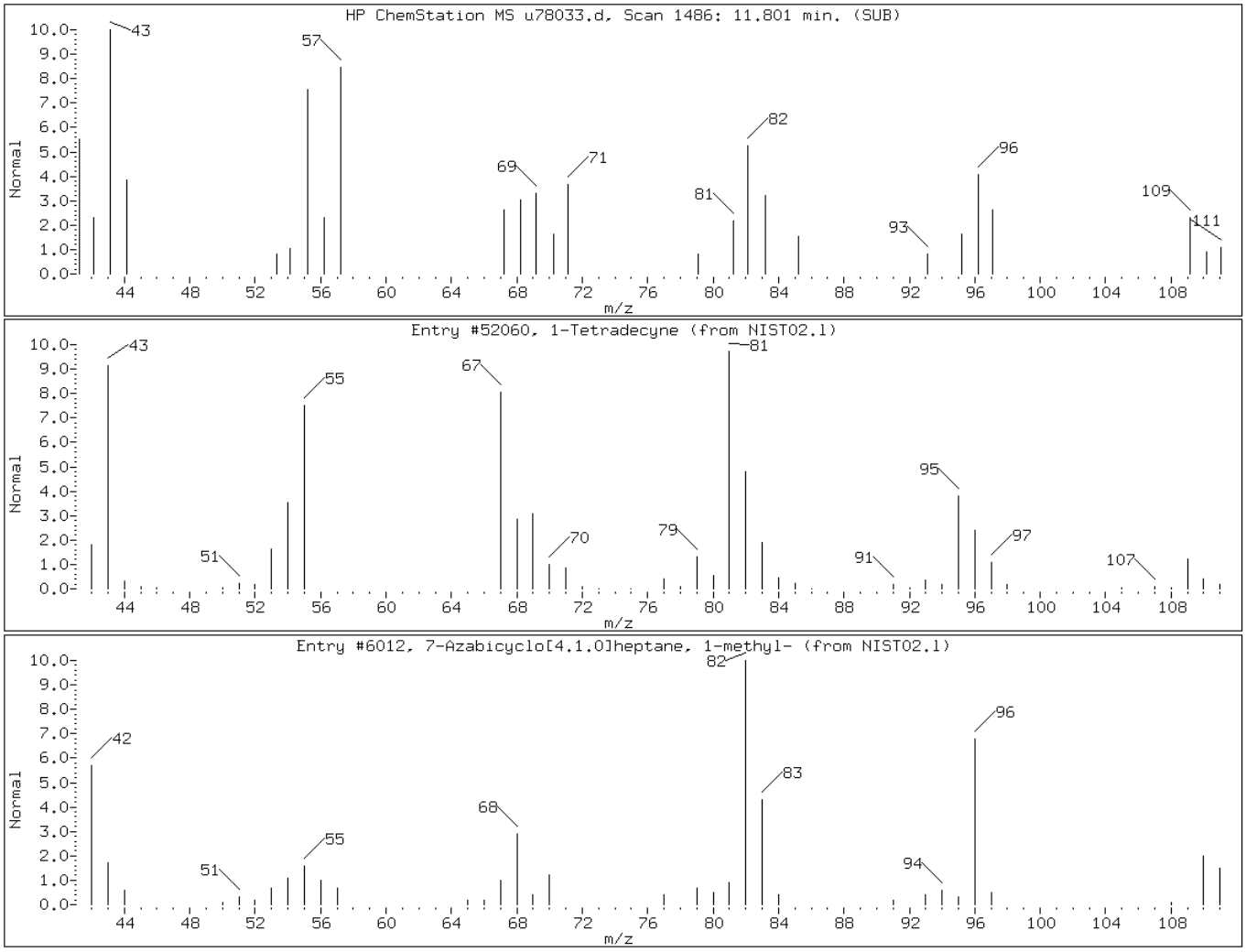
Date: 06-JUL-2012 11:19

Client ID: SF-30 Instrument: BNAMS4.i

Sample Info: 460-41730-E-6-E Operator: BNAMS 4

Retention Time: 11.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Tetradecyne	765-10-6	NIST02.l	52060	38	C14H26	194
7-Azabicyclo[4.1.0]heptane, 1-meth	25022-25-7	NIST02.l	6012	38	C7H13N	111



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: u78054.d

Analysis Method: 8270C | Date Collected: 06/26/2012 08:40

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 18:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	100	U	770	100
95-57-8	2-Chlorophenol	100	U	770	100
95-48-7	2-Methylphenol	130	U	770	130
106-44-5	4-Methylphenol	150	U	770	150
100-52-7	Benzaldehyde	91	U	770	91
98-86-2	Acetophenone	120	U	770	120
111-44-4	Bis(2-chloroethyl)ether	11	U	77	11
108-60-1	2,2'-oxybis[1-chloropropane]	85	U	770	85
621-64-7	N-Nitrosodi-n-propylamine	13	U	77	13
98-95-3	Nitrobenzene	11	U	77	11
67-72-1	Hexachloroethane	8.6	U	77	8.6
78-59-1	Isophorone	93	U	770	93
88-75-5	2-Nitrophenol	86	U	770	86
105-67-9	2,4-Dimethylphenol	190	U	770	190
120-83-2	2,4-Dichlorophenol	110	U	770	110
111-91-1	Bis(2-chloroethoxy)methane	100	U	770	100
91-20-3	Naphthalene	89	U	770	89
106-47-8	4-Chloroaniline	200	U	770	200
87-68-3	Hexachlorobutadiene	19	U	160	19
105-60-2	Caprolactam	180	U	770	180
59-50-7	4-Chloro-3-methylphenol	120	U	770	120
91-57-6	2-Methylnaphthalene	99	U	770	99
118-74-1	Hexachlorobenzene	11	U	77	11
77-47-4	Hexachlorocyclopentadiene	91	U	770	91
88-06-2	2,4,6-Trichlorophenol	90	U	770	90
95-95-4	2,4,5-Trichlorophenol	100	U	770	100
92-52-4	Diphenyl	100	U	770	100
91-58-7	2-Chloronaphthalene	86	U	770	86
88-74-4	2-Nitroaniline	320	U	1600	320
606-20-2	2,6-Dinitrotoluene	23	U	160	23
131-11-3	Dimethyl phthalate	91	U	770	91
208-96-8	Acenaphthylene	91	U	770	91
99-09-2	3-Nitroaniline	270	U	1600	270
83-32-9	Acenaphthene	660	J	770	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: u78054.d

Analysis Method: 8270C | Date Collected: 06/26/2012 08:40

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 18:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	500	U	2300	500
51-28-5	2,4-Dinitrophenol	440	U	2300	440
132-64-9	Dibenzofuran	420	J	770	90
84-66-2	Diethyl phthalate	92	U	770	92
86-73-7	Fluorene	950		770	99
206-44-0	Fluoranthene	15000		770	100
84-74-2	Di-n-butyl phthalate	95	U	770	95
121-14-2	2,4-Dinitrotoluene	25	U	160	25
7005-72-3	4-Chlorophenyl phenyl ether	90	U	770	90
100-01-6	4-Nitroaniline	240	U	1600	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2300	210
101-55-3	4-Bromophenyl phenyl ether	76	U	770	76
1912-24-9	Atrazine	120	U	770	120
120-12-7	Anthracene	2100		770	94
86-74-8	Carbazole	870		770	91
85-01-8	Phenanthrene	11000		770	98
87-86-5	Pentachlorophenol	230	U	2300	230
129-00-0	Pyrene	15000		770	65
218-01-9	Chrysene	6000		770	90
207-08-9	Benzo[k]fluoranthene	2000		77	5.9
191-24-2	Benzo[g,h,i]perylene	2700		770	57
205-99-2	Benzo[b]fluoranthene	5800		77	4.9
50-32-8	Benzo[a]pyrene	4700		77	5.5
56-55-3	Benzo[a]anthracene	6300		77	5.4
86-30-6	N-Nitrosodiphenylamine	76	U	770	76
85-68-7	Butyl benzyl phthalate	71	U	770	71
117-81-7	Bis(2-ethylhexyl) phthalate	260	U	770	260
117-84-0	Di-n-octyl phthalate	49	U	770	49
193-39-5	Indeno[1,2,3-cd]pyrene	3100		77	14
53-70-3	Dibenz(a,h)anthracene	750		77	9.7
91-94-1	3,3'-Dichlorobenzidine	270	U	1600	270
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U *	770	100
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	770	100
123-91-1	1,4-Dioxane	56	U	770	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 Lab Sample ID: 460-41730-7

Matrix: Solid Lab File ID: u78054.d

Analysis Method: 8270C Date Collected: 06/26/2012 08:40

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) Date Analyzed: 07/06/2012 18:24

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	92		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	87		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: u78054.d

Analysis Method: 8270C | Date Collected: 06/26/2012 08:40

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 18:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 11 | TIC Result Total: 14080

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C15H12 PAH-1	8.47	1000	J
	C15H12 PAH-2	8.50	1400	J
	C15H10 PAH	8.57	1500	J
	C16H12 PAH	8.77	1000	J
84-65-1	9,10-Anthracenedione	8.79	730	J N
	C17H12 PAH-1	9.71	1500	J
	C17H12 PAH-2	9.77	870	J
	C17H12 PAH-3	9.80	1100	J
	C18H14 PAH	10.12	780	J
	C20H12 PAH-1	12.10	2600	J
	C20H12 PAH-2	12.27	1600	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78054.d
Report Date: 09-Jul-2012 00:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78054.d
Lab Smp Id: 460-41730-E-7-E Client Smp ID: SF-31
Inj Date : 06-JUL-2012 18:24
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-7-E
Misc Info : 460-41730-E-7-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 27
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.31335	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.228	2.210	(0.645)	189579	43.2951	6700
$ 17 Phenol-d5 (SUR)	99	3.139	3.145	(0.908)	347335	45.9002	7100
* 79 1,4-Dichlorobenzene-d4	152	3.455	3.454	(1.000)	142894	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.048	(0.847)	209510	19.5138	3000
* 80 Naphthalene-d8	136	4.761	4.765	(1.000)	605031	40.0000	
34 2-Methylnaphthalene	142	5.487	5.496	(1.152)	4587	0.43000	67(a)
120 1-Methylnaphthalene	142	5.583	5.592	(1.173)	5262	0.46120	72(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.870	5.879	(0.900)	267032	19.7351	3100
125 1,3-Dimethylnaphthalene	156	6.192	6.204	(0.949)	6349	0.72829	110(a)
* 82 Acenaphthene-d10	164	6.522	6.523	(1.000)	393829	40.0000	
42 Acenaphthene	154	6.551	6.560	(1.005)	42725	4.21650	660(a)
43 Dibenzofuran	168	6.720	6.729	(1.030)	43618	2.70476	420(aH)
47 Fluorene	166	7.059	7.067	(1.082)	82486	6.13928	950

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78054.d
Report Date: 09-Jul-2012 00:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	7.302	7.310	(1.120)	107164	35.3513	5500
*	83 Phenanthrene-d10	188	7.972	7.978	(1.000)	636699	40.0000	
	52 Phenanthrene	178	8.001	8.000	(1.004)	1215963	69.7646	11000
	53 Anthracene	178	8.045	8.053	(1.009)	228223	13.2820	2100
	54 Carbazole	167	8.215	8.223	(1.030)	83261	5.57533	870
	56 Fluoranthene	202	9.181	9.159	(1.152)	1792685	97.4590	15000
	57 Pyrene	202	9.380	9.372	(0.887)	1230475	97.3982	15000
$	78 Terphenyl-d14	244	9.542	9.548	(0.903)	246370	24.6590	3800
	61 Benzo(a)anthracene	228	10.565	10.559	(0.999)	464695	40.7548	6300
*	81 Chrysene-d12	240	10.572	10.573	(1.000)	394657	40.0000	
	62 Chrysene	228	10.600	10.602	(1.003)	393712	38.4900	6000
	65 Benzo(b)fluoranthene	252	11.784	11.781	(0.962)	398648	37.5022	5800
	66 Benzo(k)fluoranthene	252	11.814	11.817	(0.933)	137032	12.8075	2000(MH)
	67 Benzo(a)pyrene	252	12.171	12.171	(0.994)	255302	30.4783	4700
*	84 Perylene-d12	264	12.245	12.244	(1.000)	349362	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.584	13.588	(1.109)	138903	19.8910	3100
	69 Dibenz(a,h)anthracene	278	13.599	13.609	(1.111)	31779	4.82688	750
	70 Benzo(g,h,i)perylene	276	13.901	13.908	(1.135)	132368	17.4233	2700

QC Flag Legend

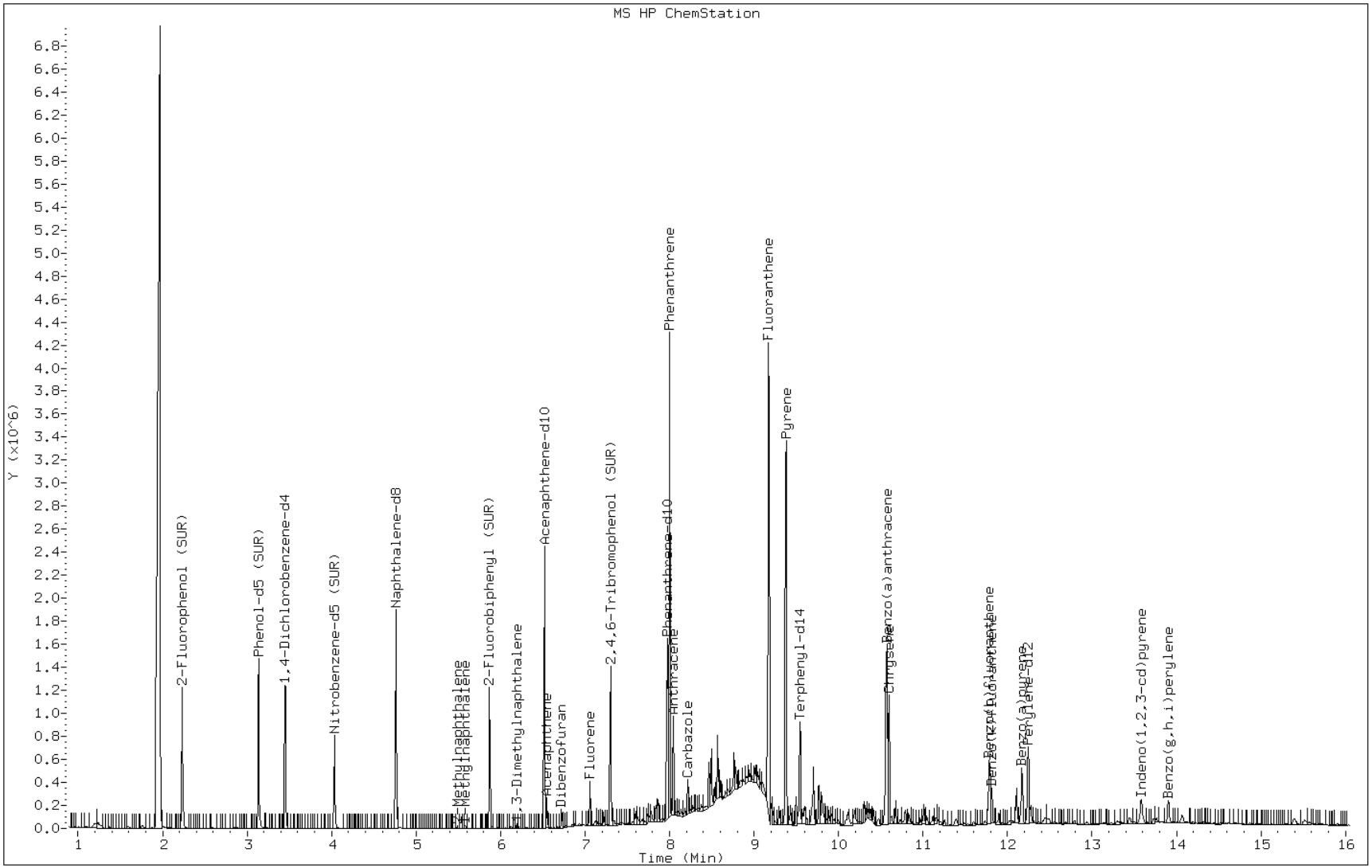
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4



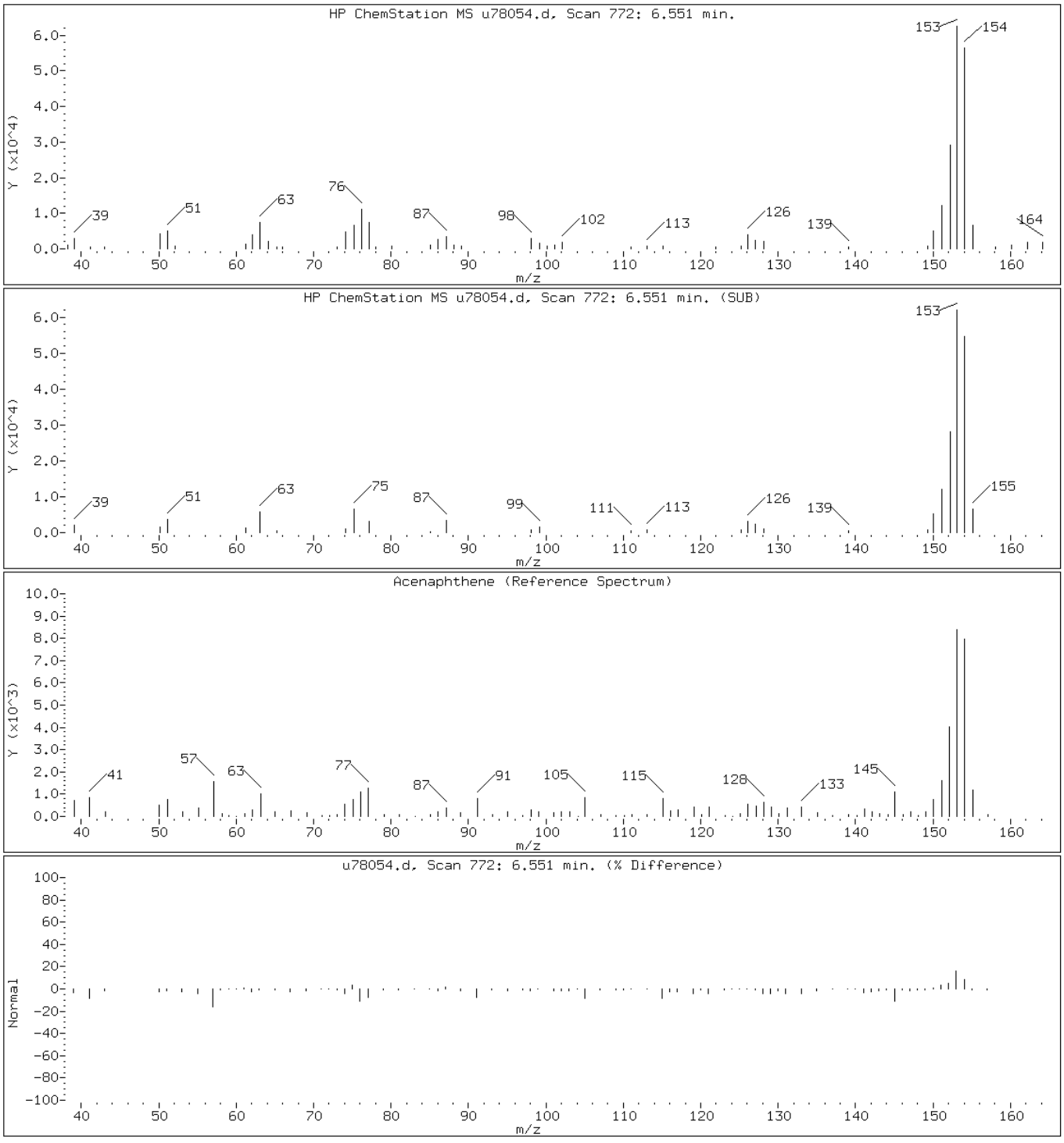
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

42 Acenaphthene



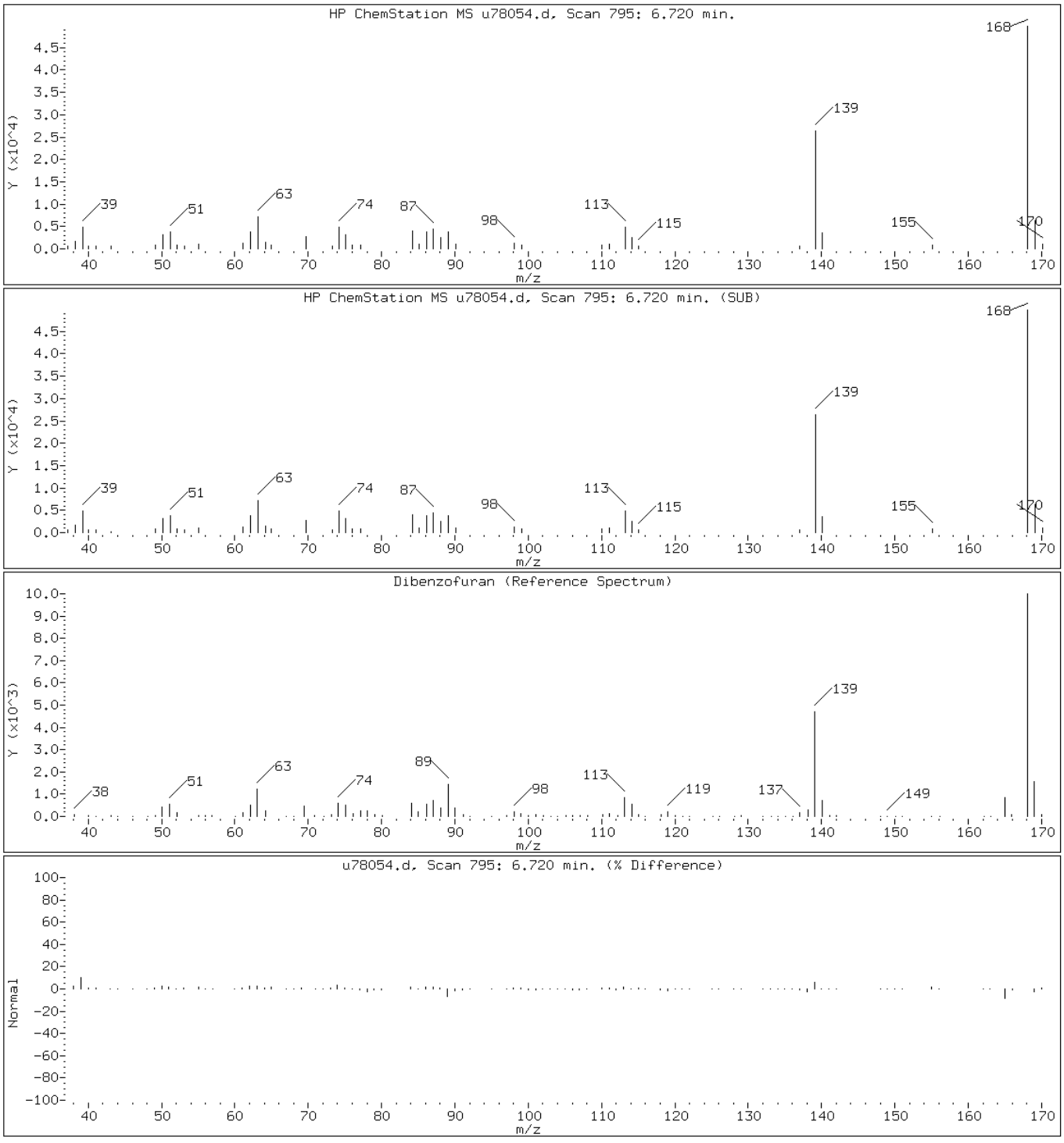
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

43 Dibenzofuran



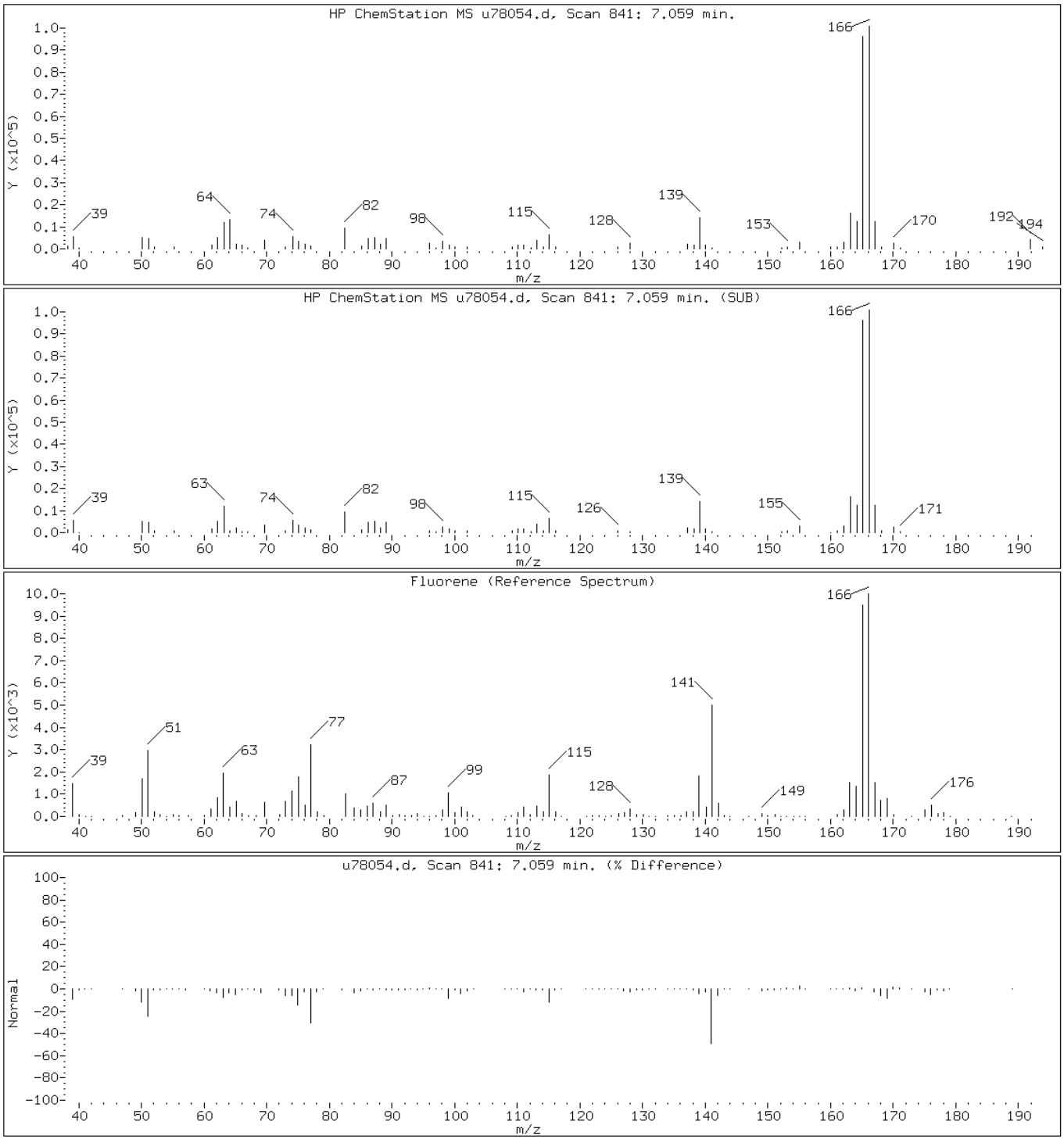
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

47 Fluorene



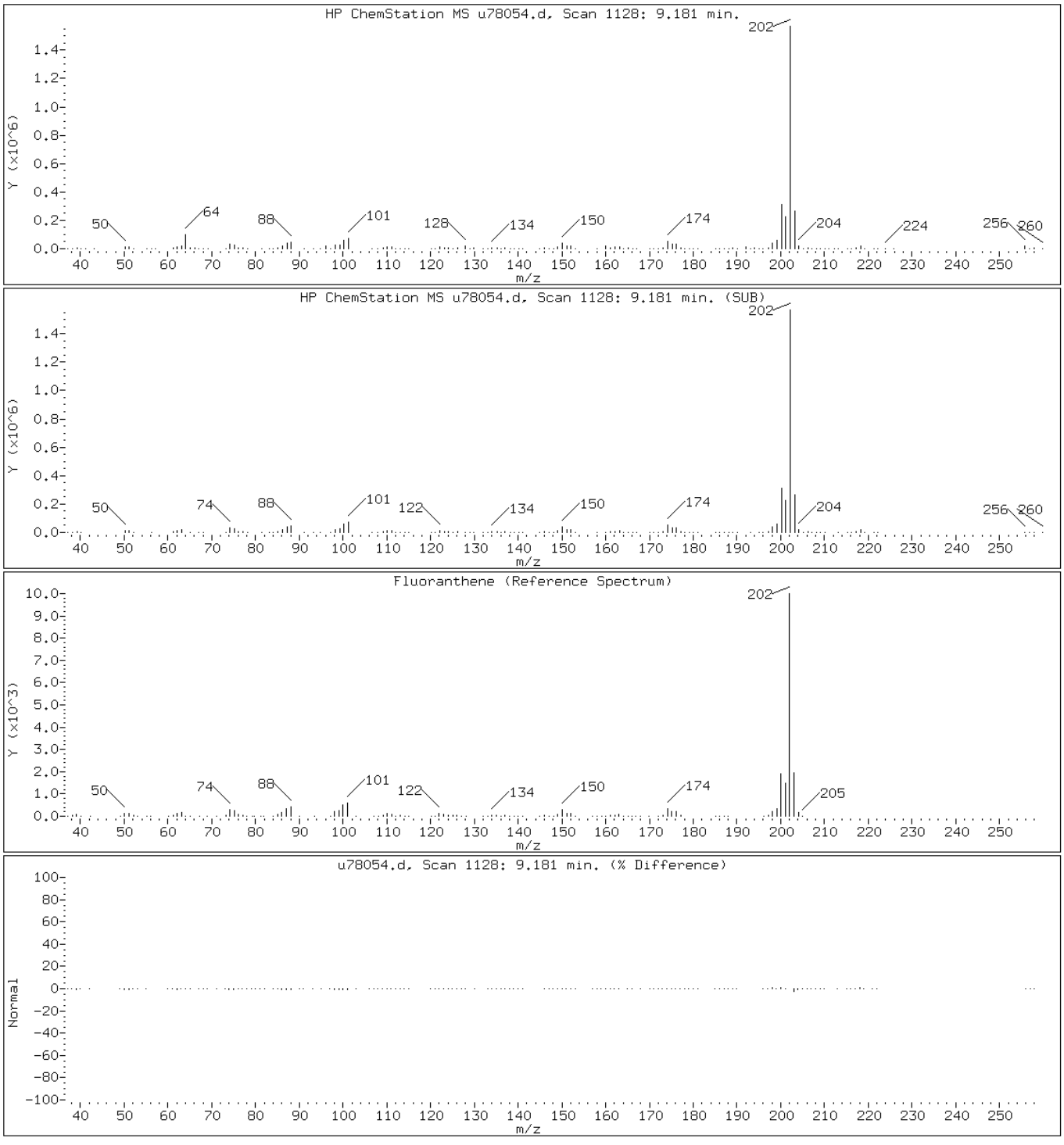
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

56 Fluoranthene



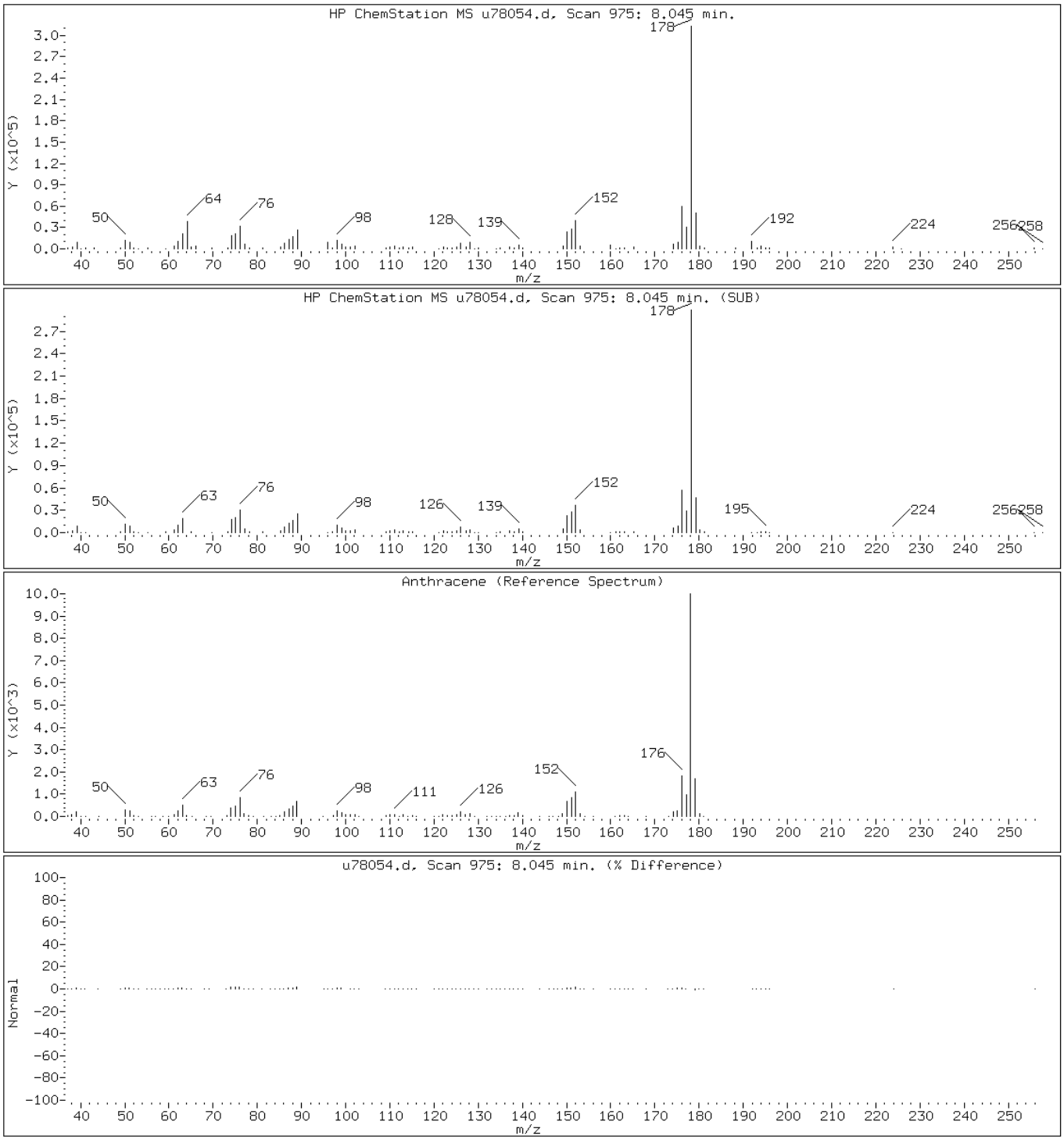
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

53 Anthracene



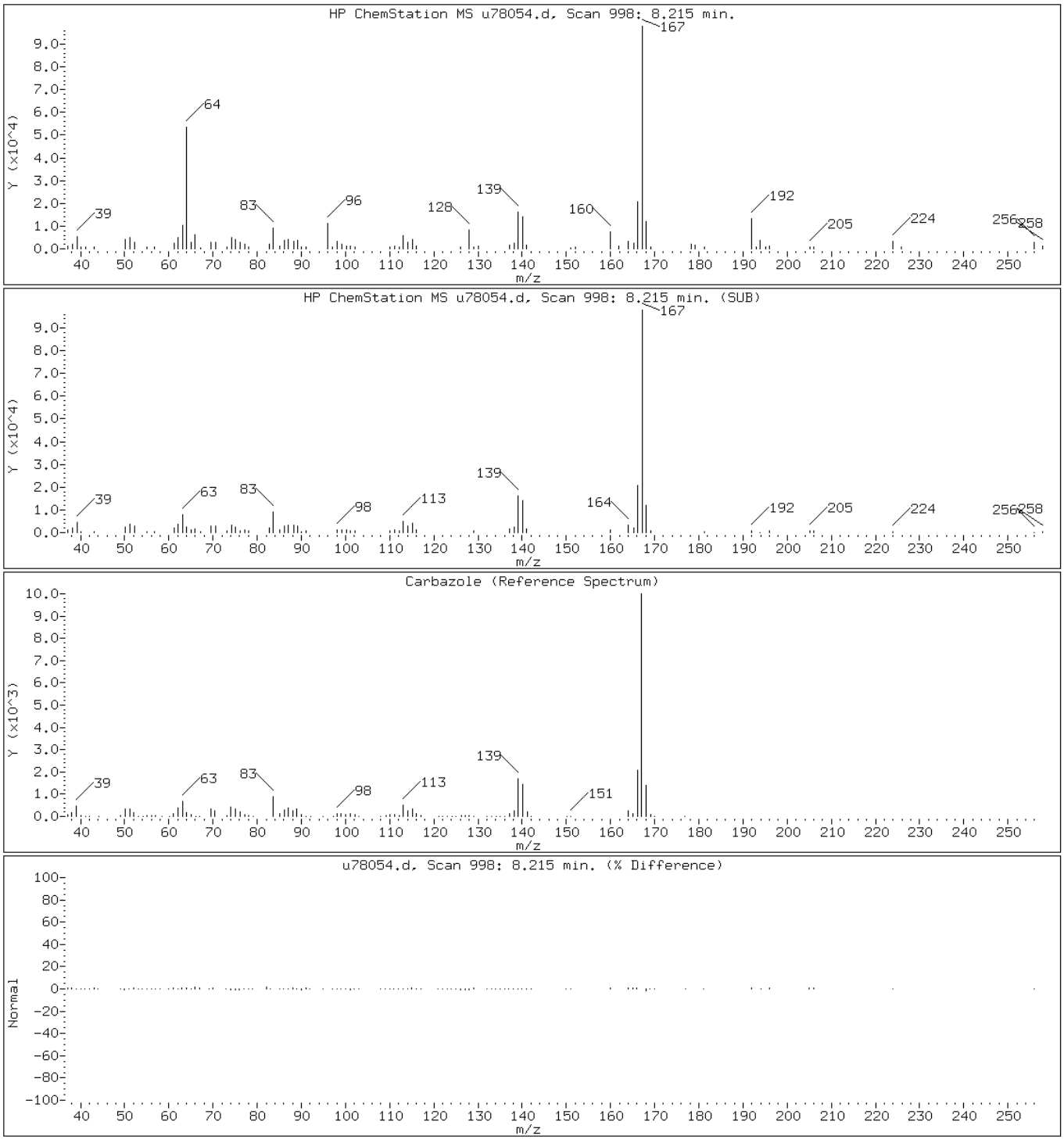
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

54 Carbazole



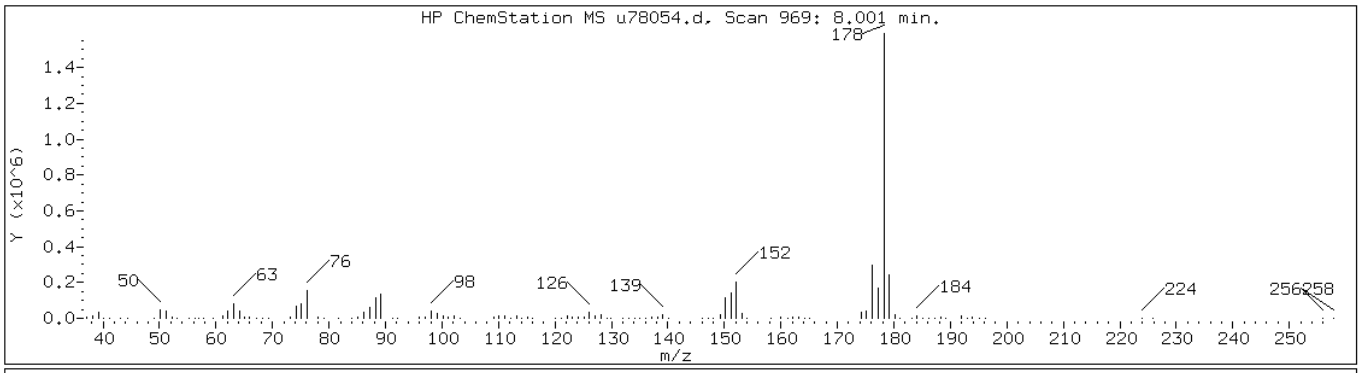
Data File: u78054.d

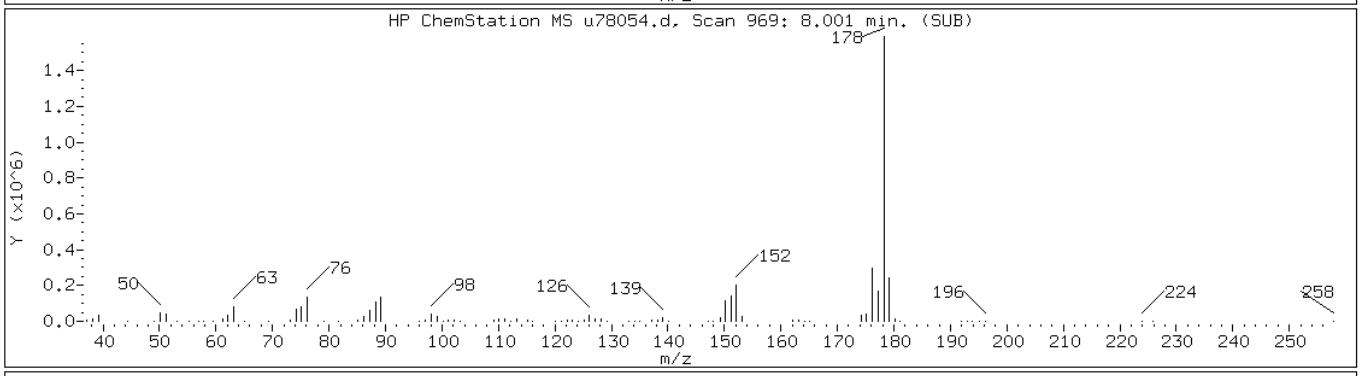
Date: 06-JUL-2012 18:24

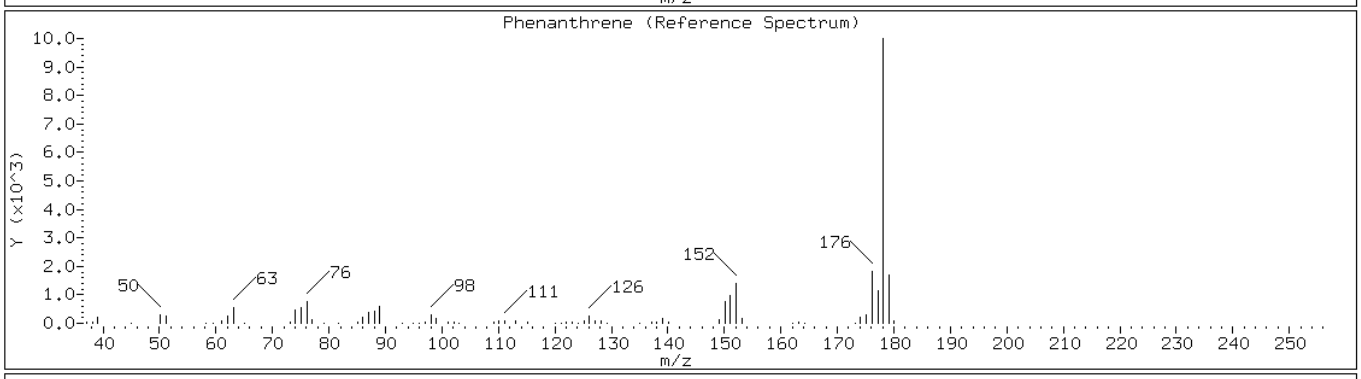
Client ID: SF-31 Instrument: BNAMS4.i

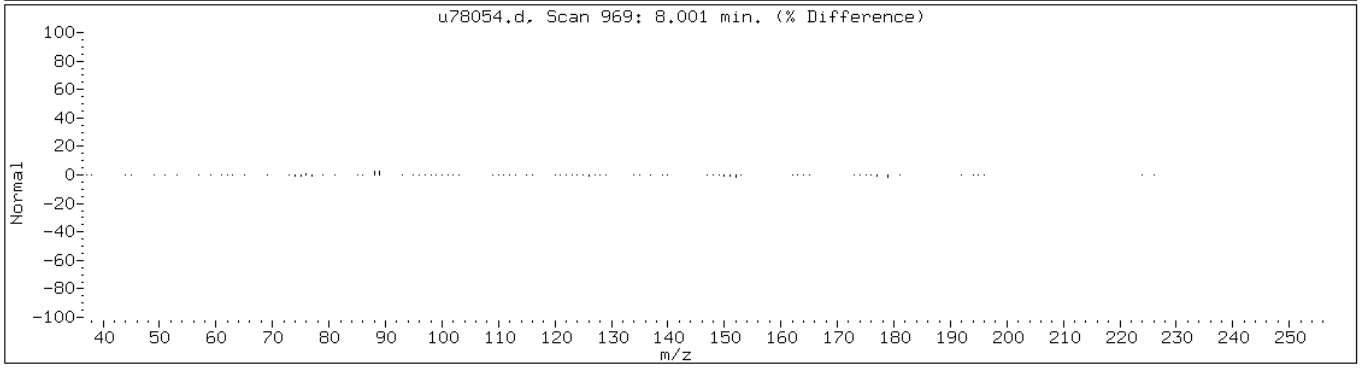
Sample Info: 460-41730-E-7-E Operator: BNAMS 4

52 Phenanthrene









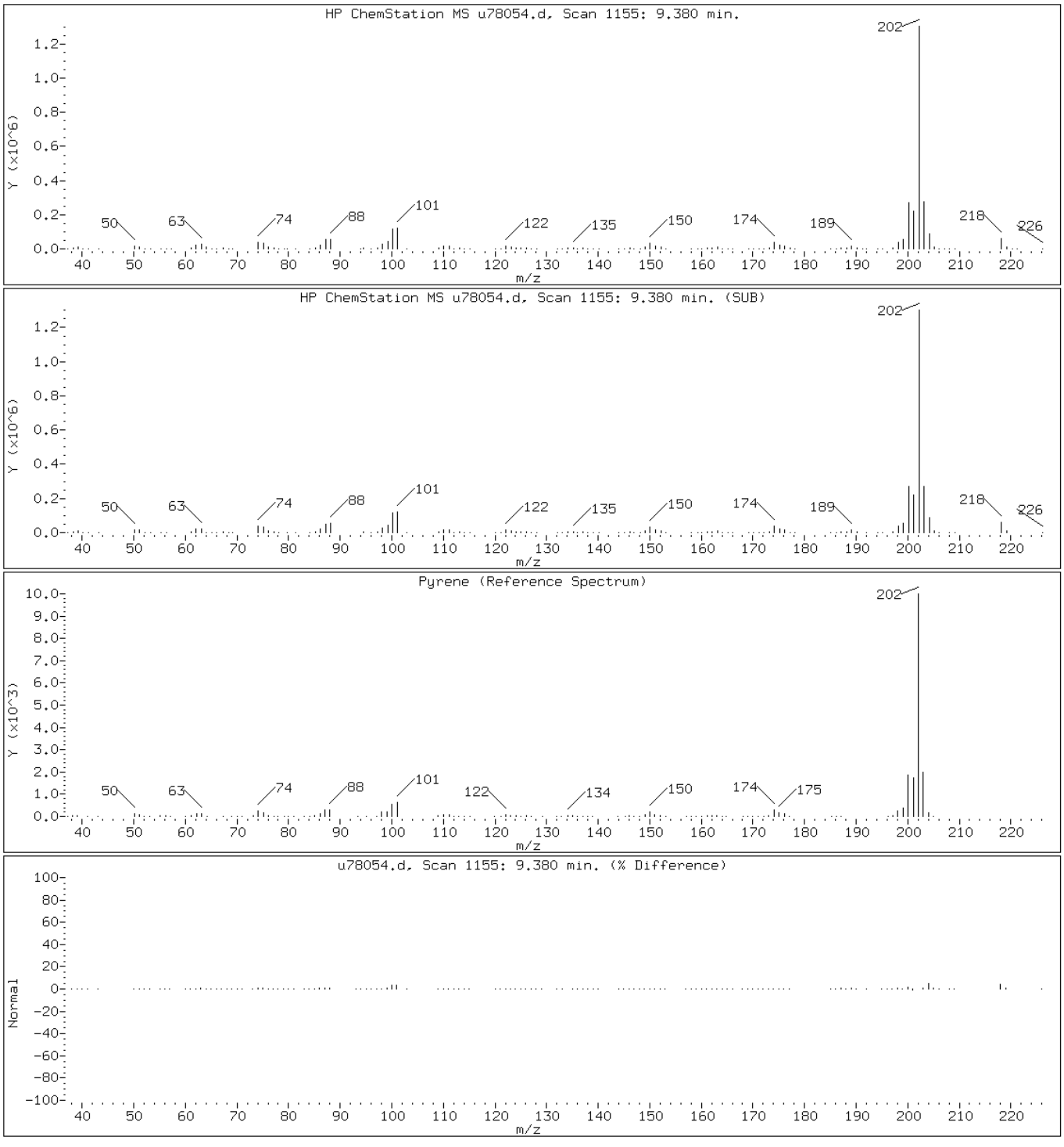
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

57 Pyrene



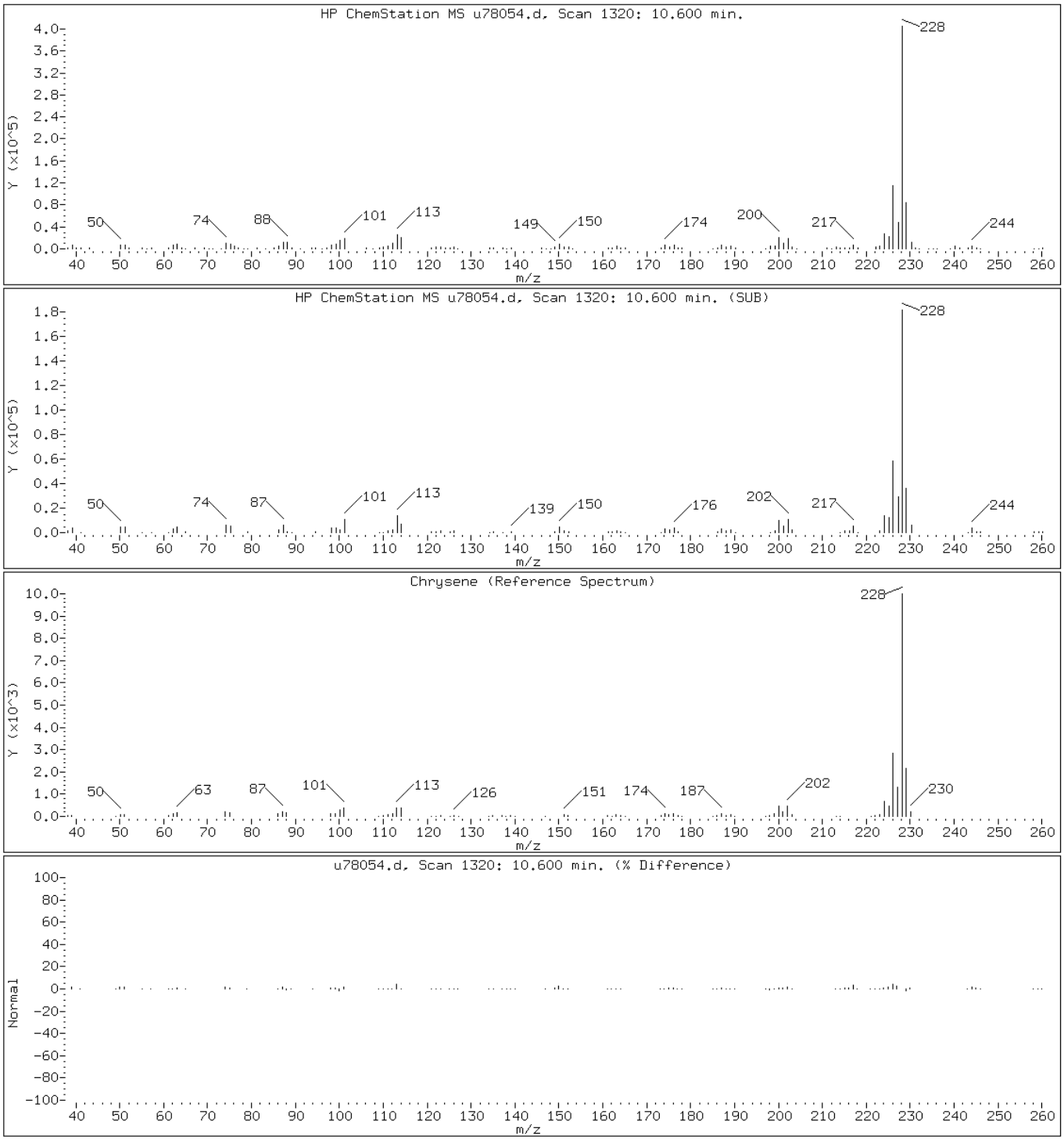
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

62 Chrysene



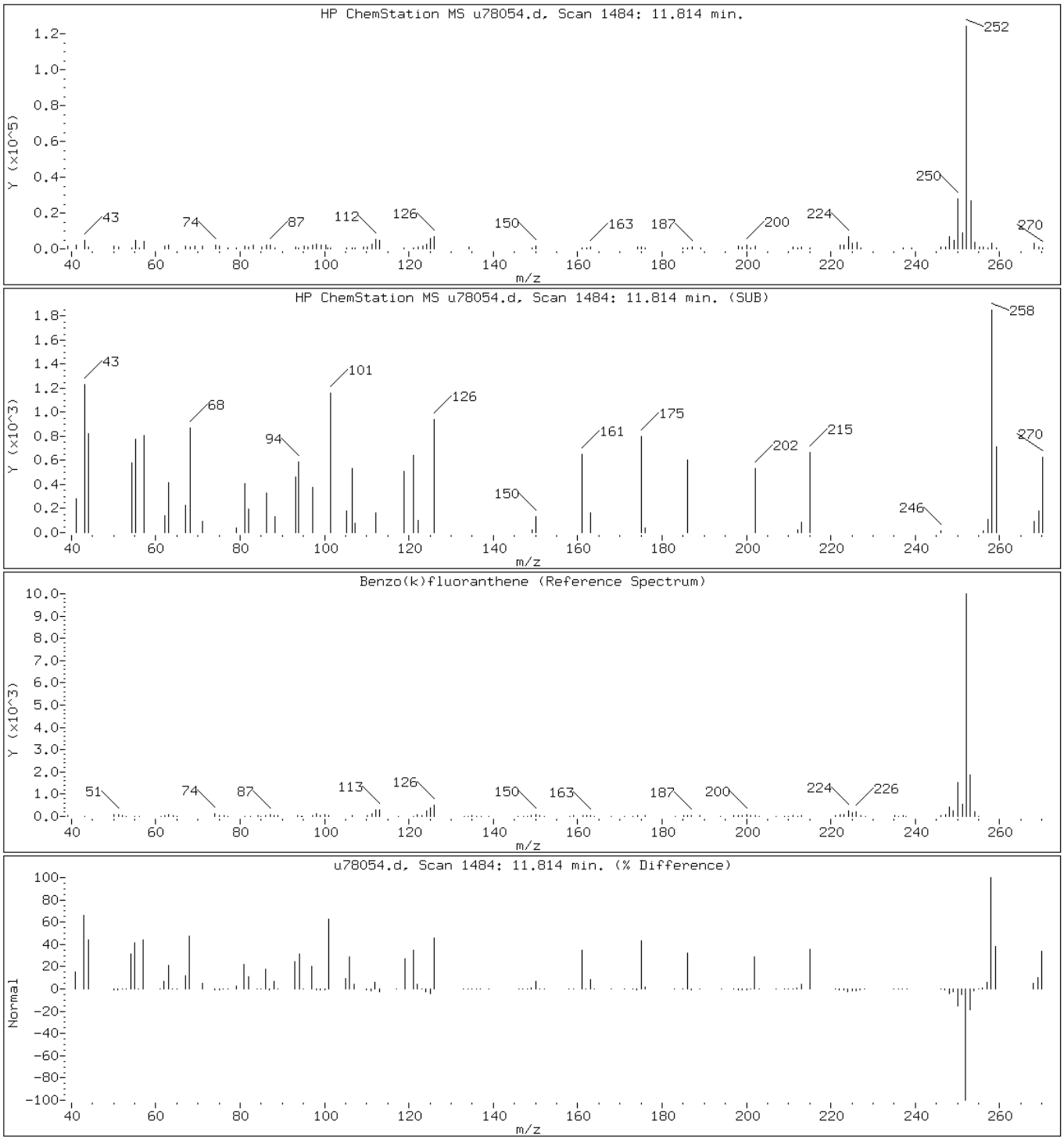
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

66 Benzo(k)fluoranthene



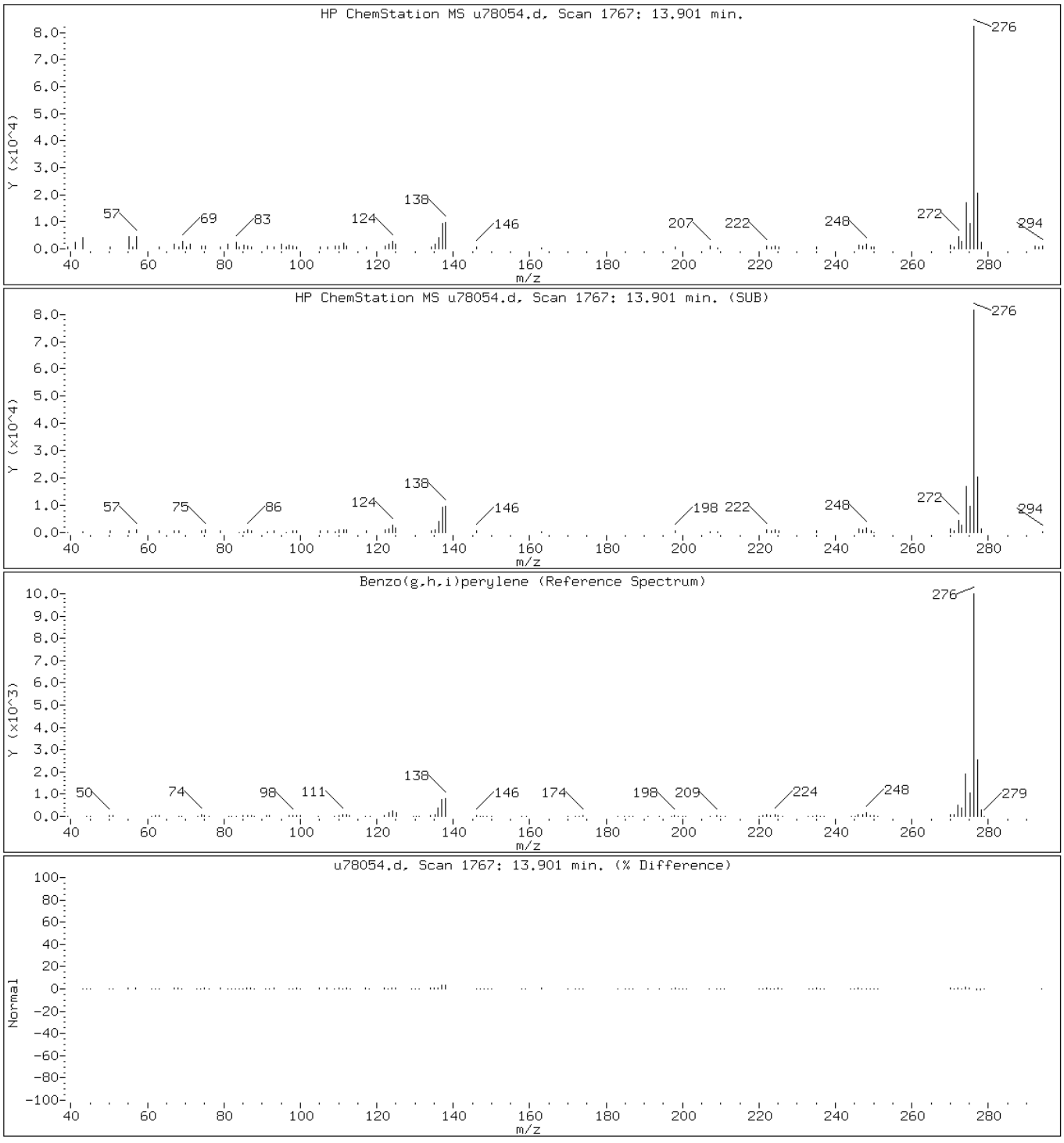
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

70 Benzo(g,h,i)perylene



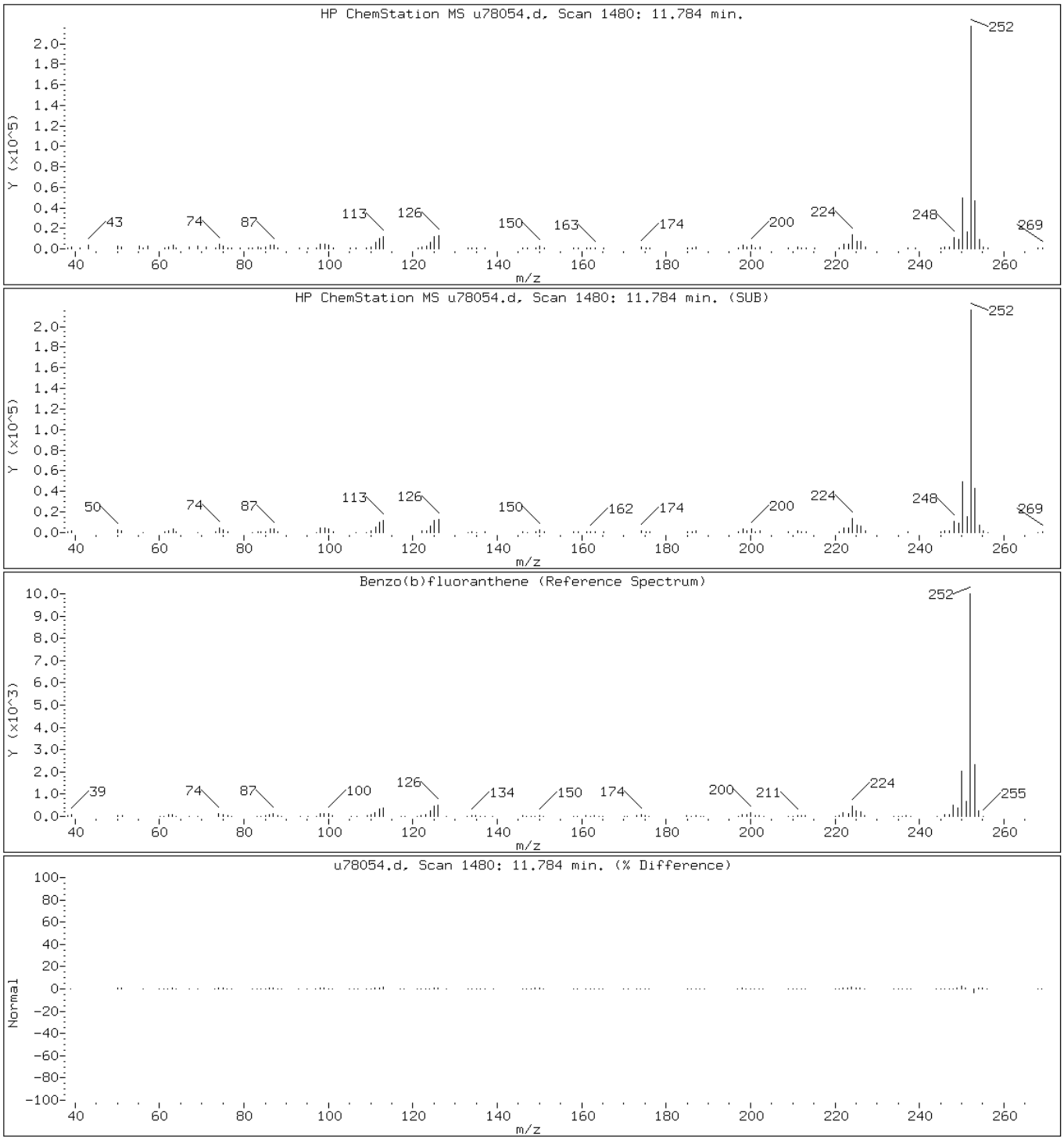
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

65 Benzo(b)fluoranthene



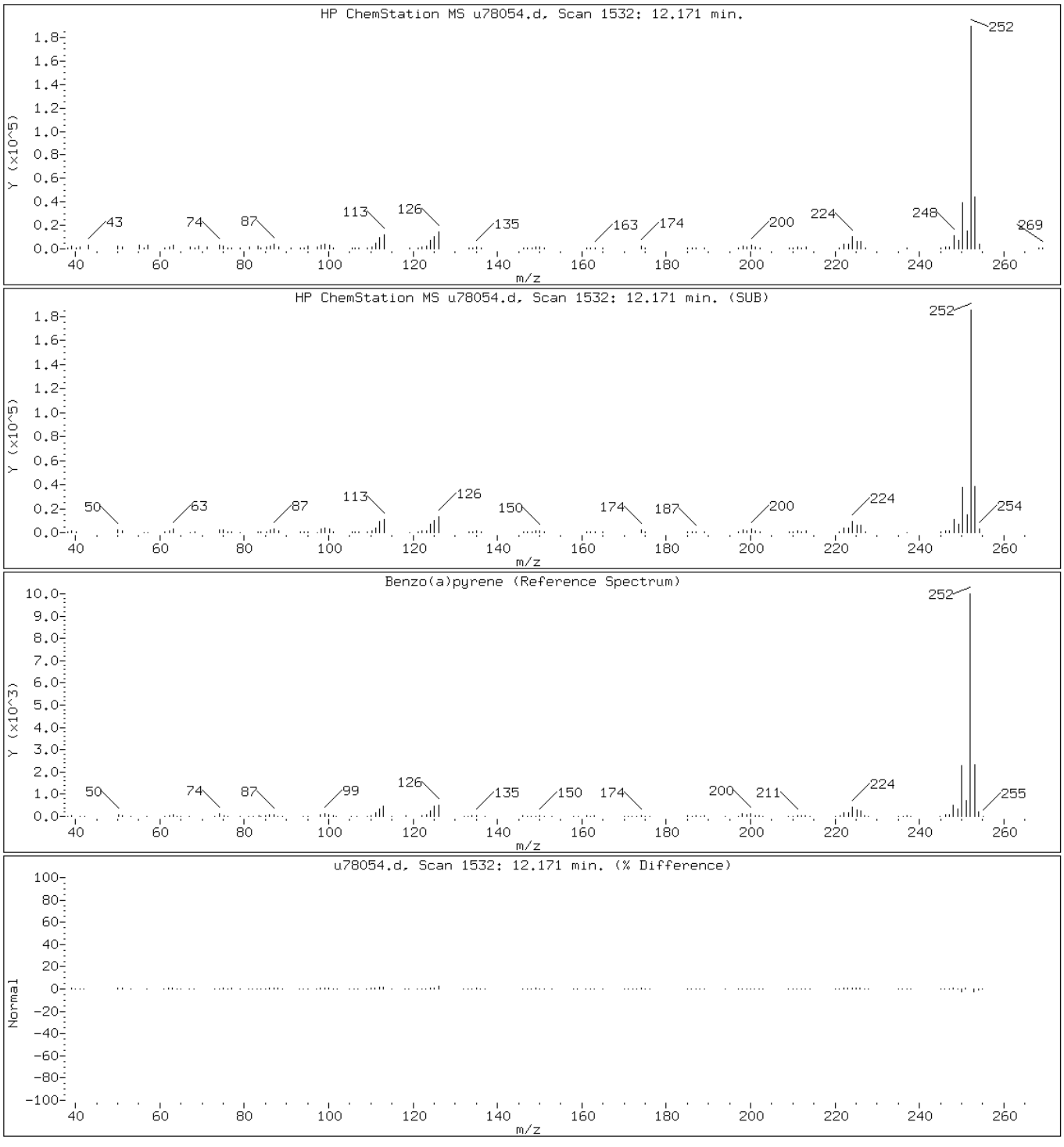
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

67 Benzo(a)pyrene



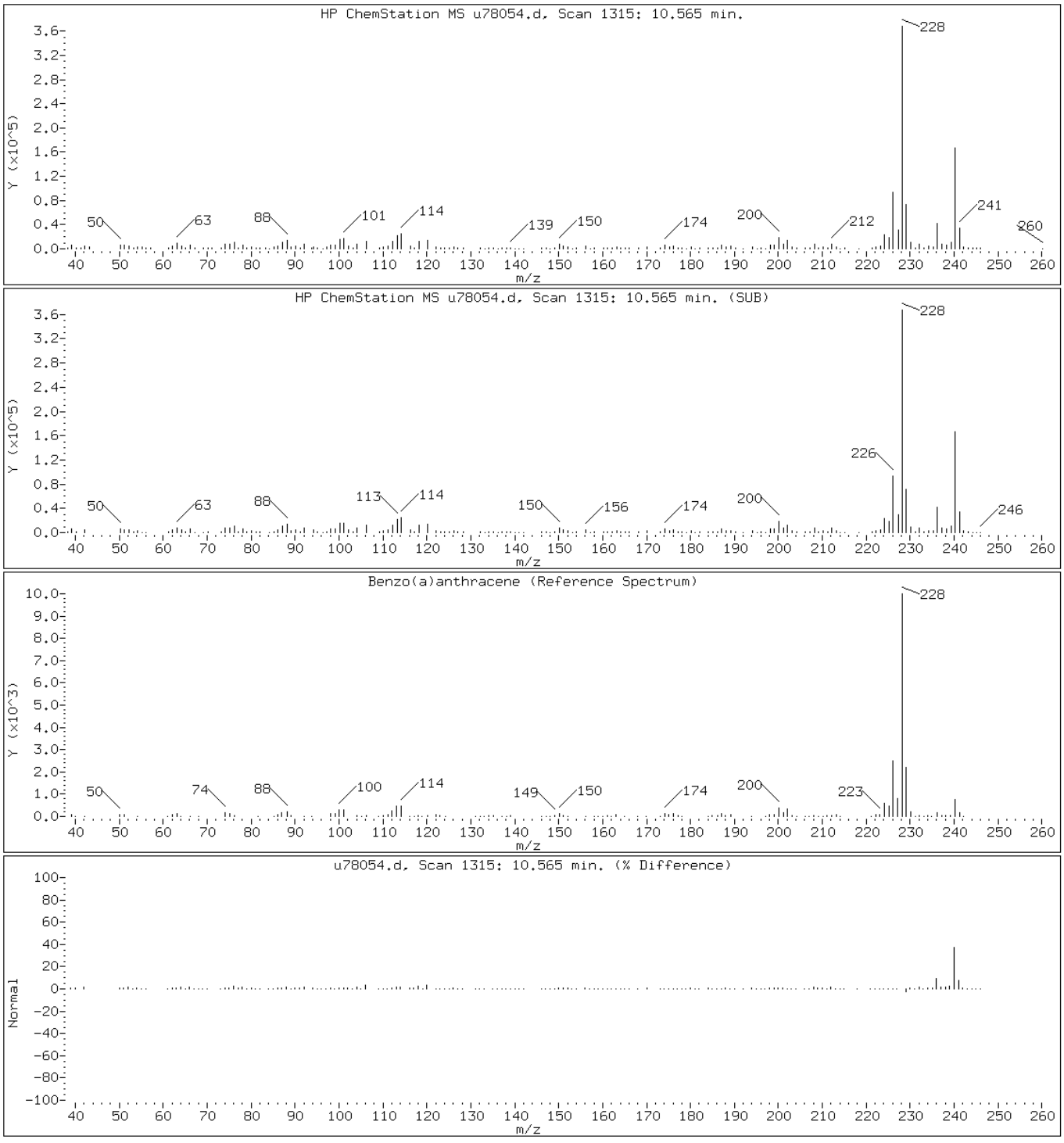
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

61 Benzo(a)anthracene



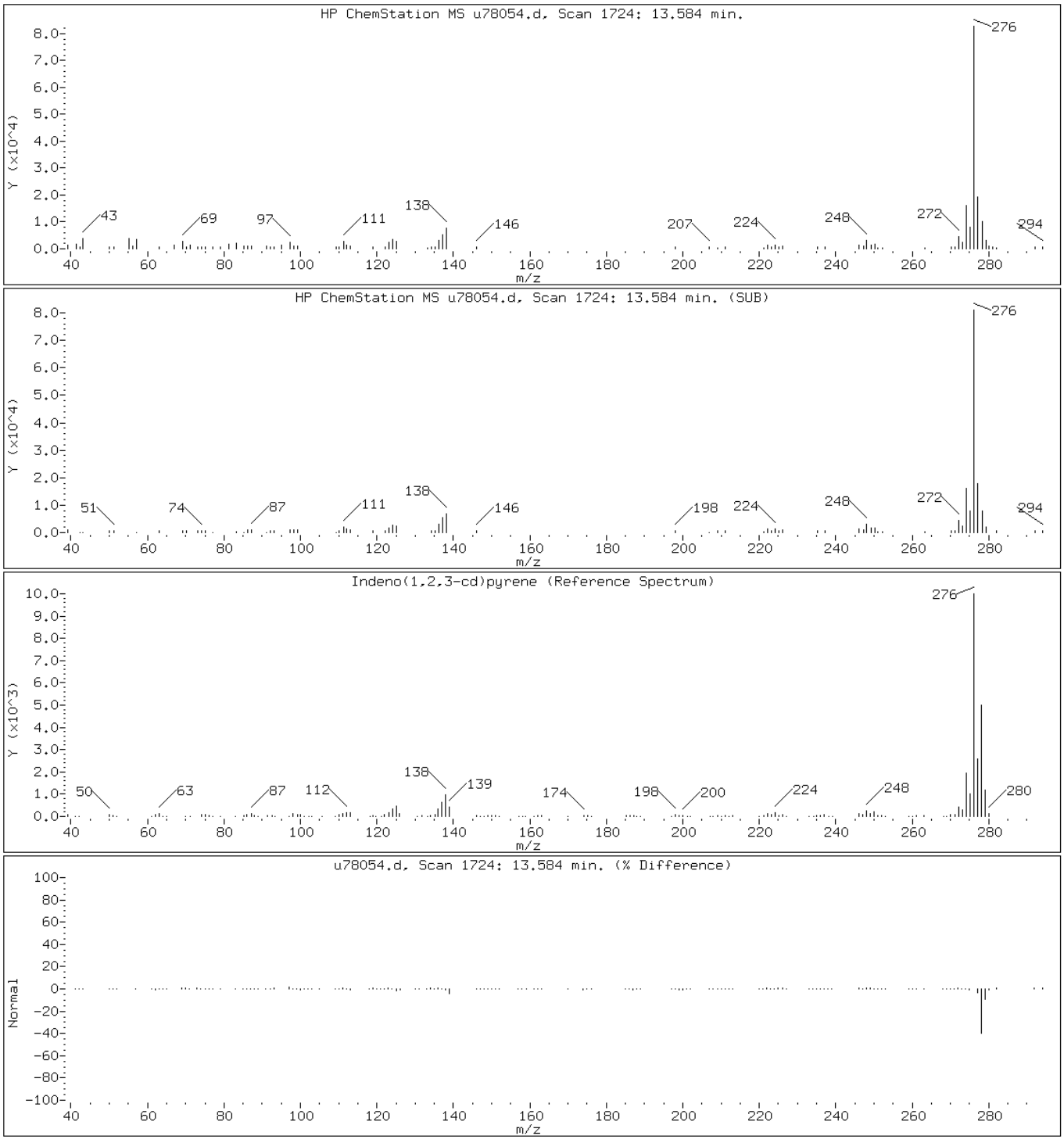
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



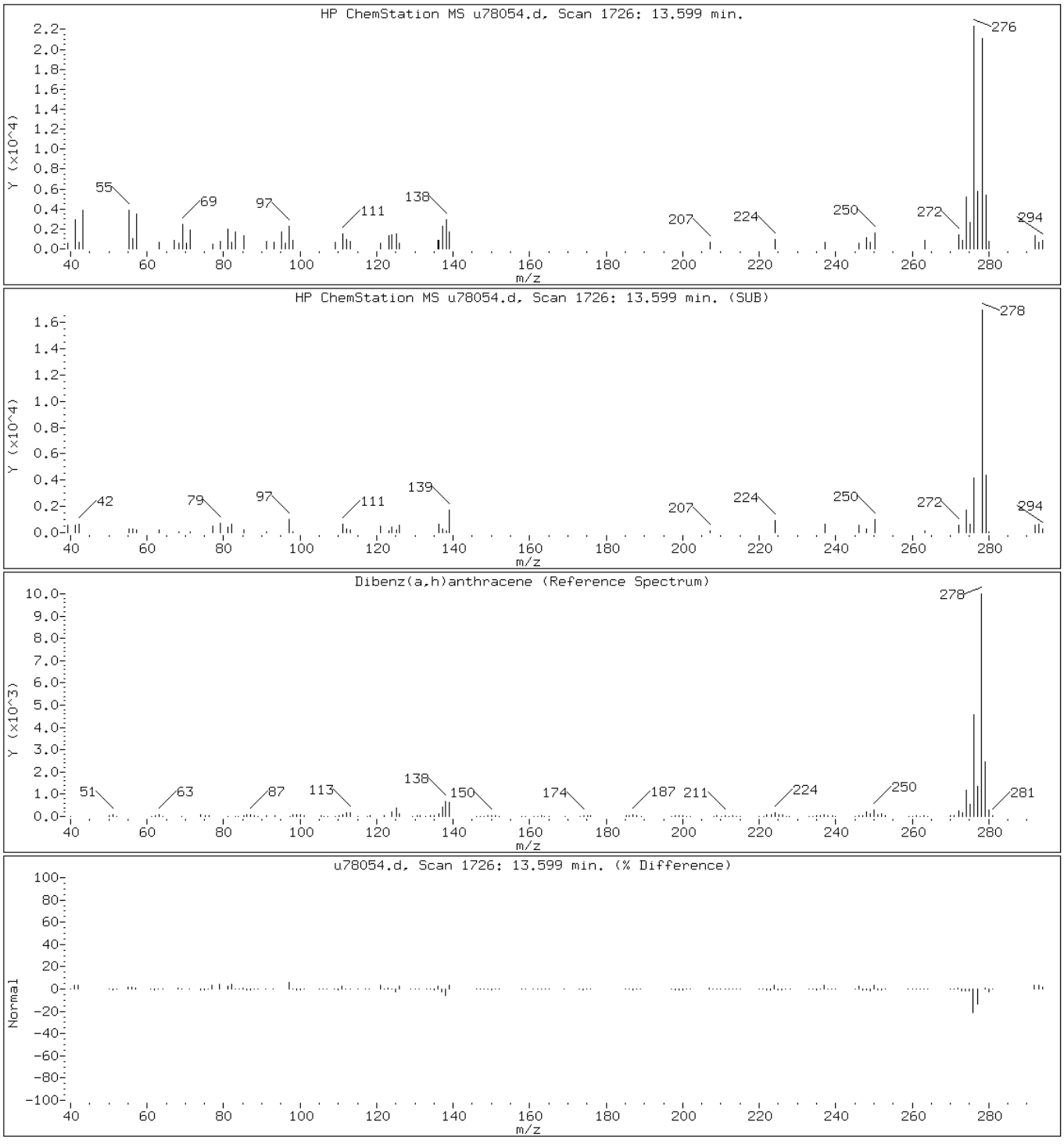
Data File: u78054.d

Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Manual Integration Report

Data File: u78054.d
Inj. Date and Time: 06-JUL-2012 18:24
Instrument ID: BNAMS4.i
Client ID: SF-31
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/09/2012

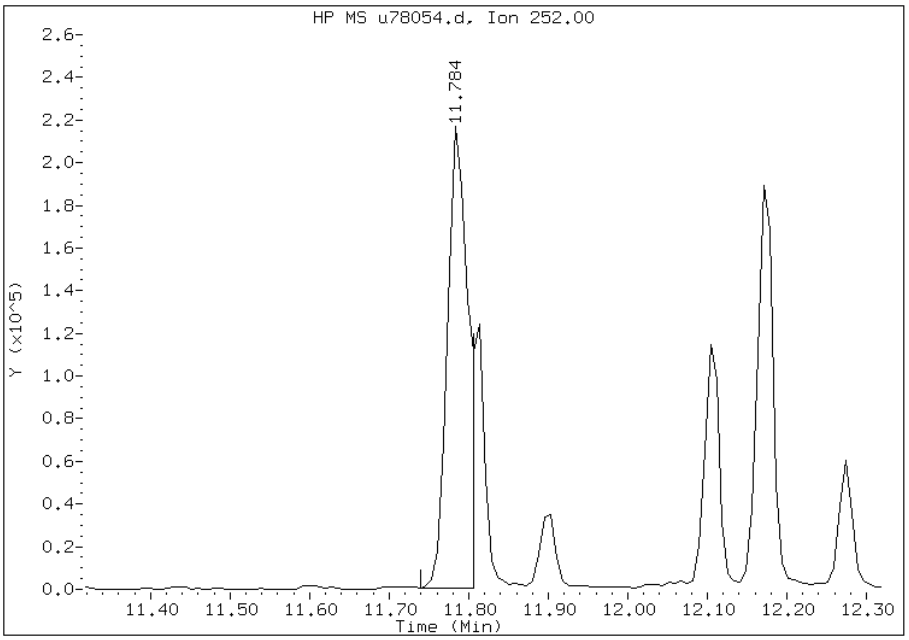
Processing Integration Results

RT: 11.78

Response: 398648

Amount: 37

Conc: 5790



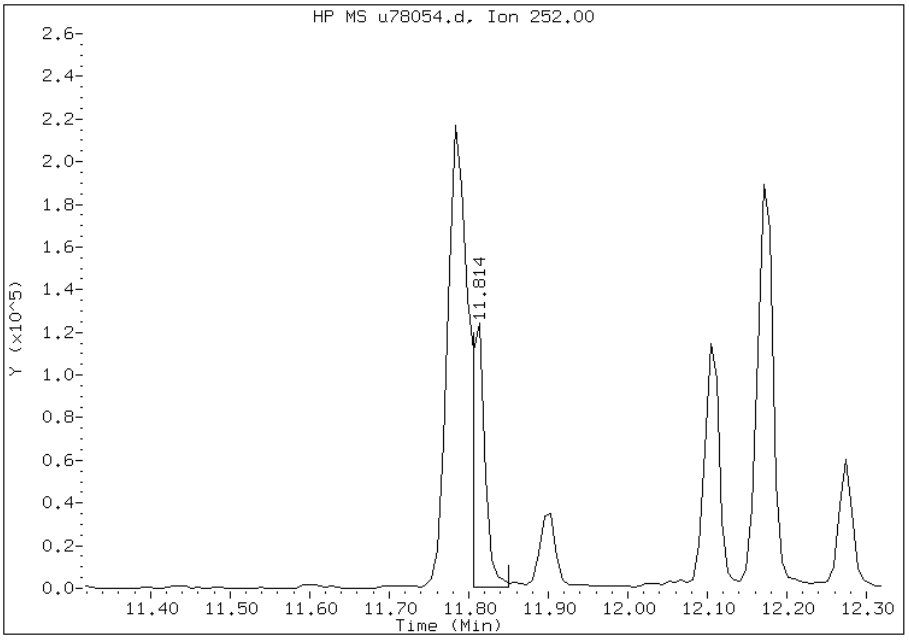
Manual Integration Results

RT: 11.81

Response: 137032

Amount: 13

Conc: 1990



Manually Integrated By: wahied
Manual Integration Reason:

Data File: u78054.d

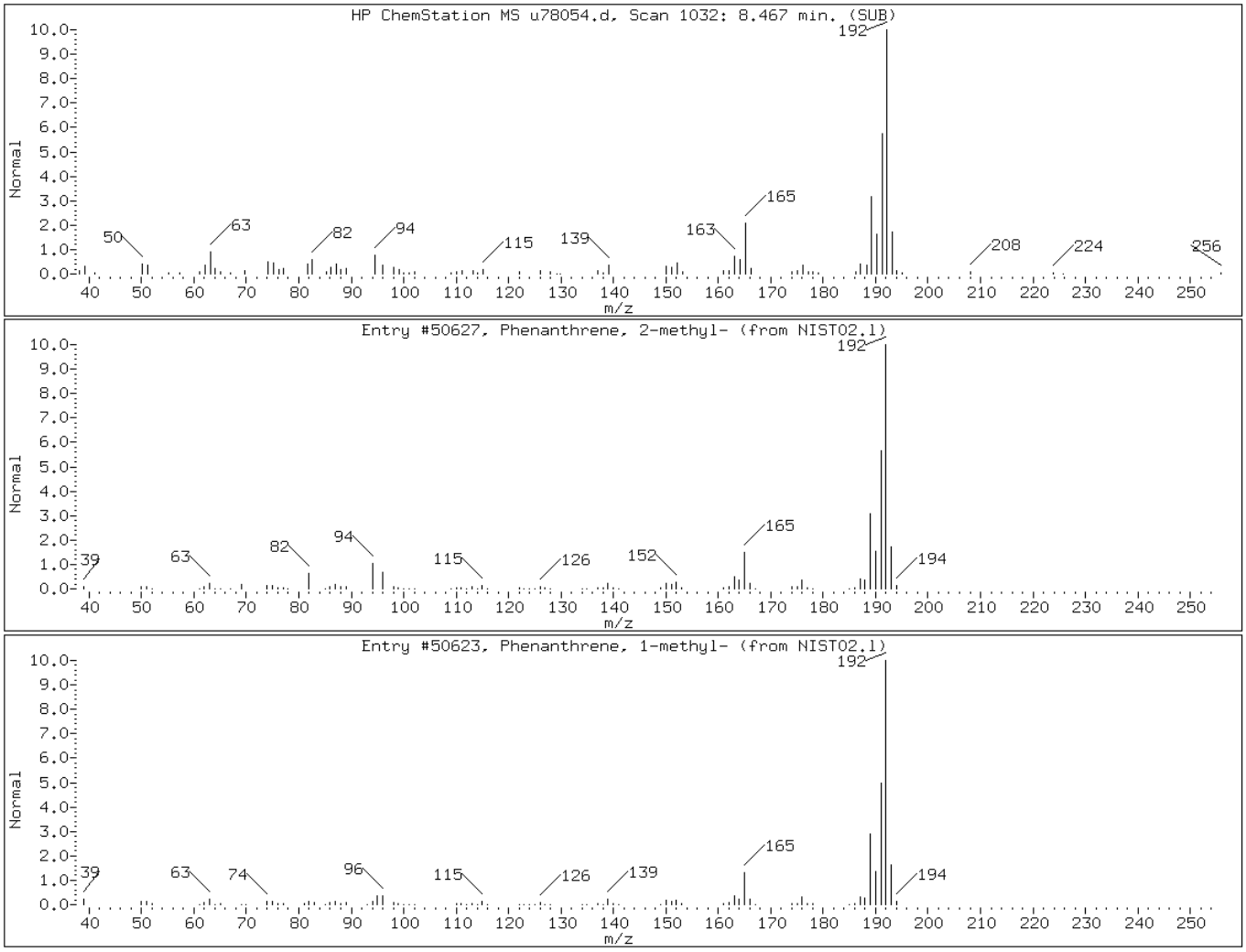
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 8.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	96	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	95	C15H12	192



Data File: u78054.d

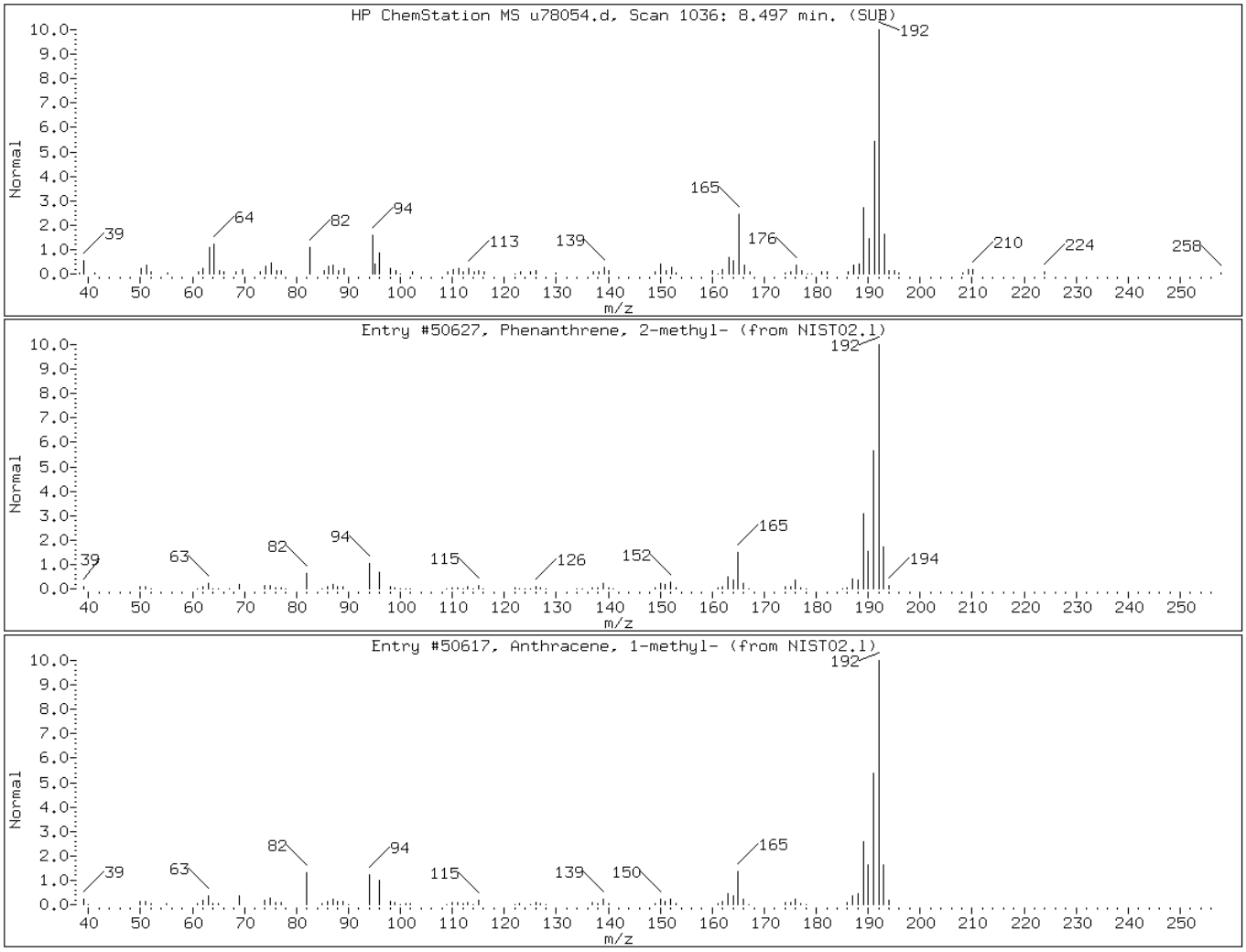
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 8.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	96	C15H12	192
Anthracene, 1-methyl-	610-48-0	NIST02.l	50617	96	C15H12	192



Data File: u78054.d

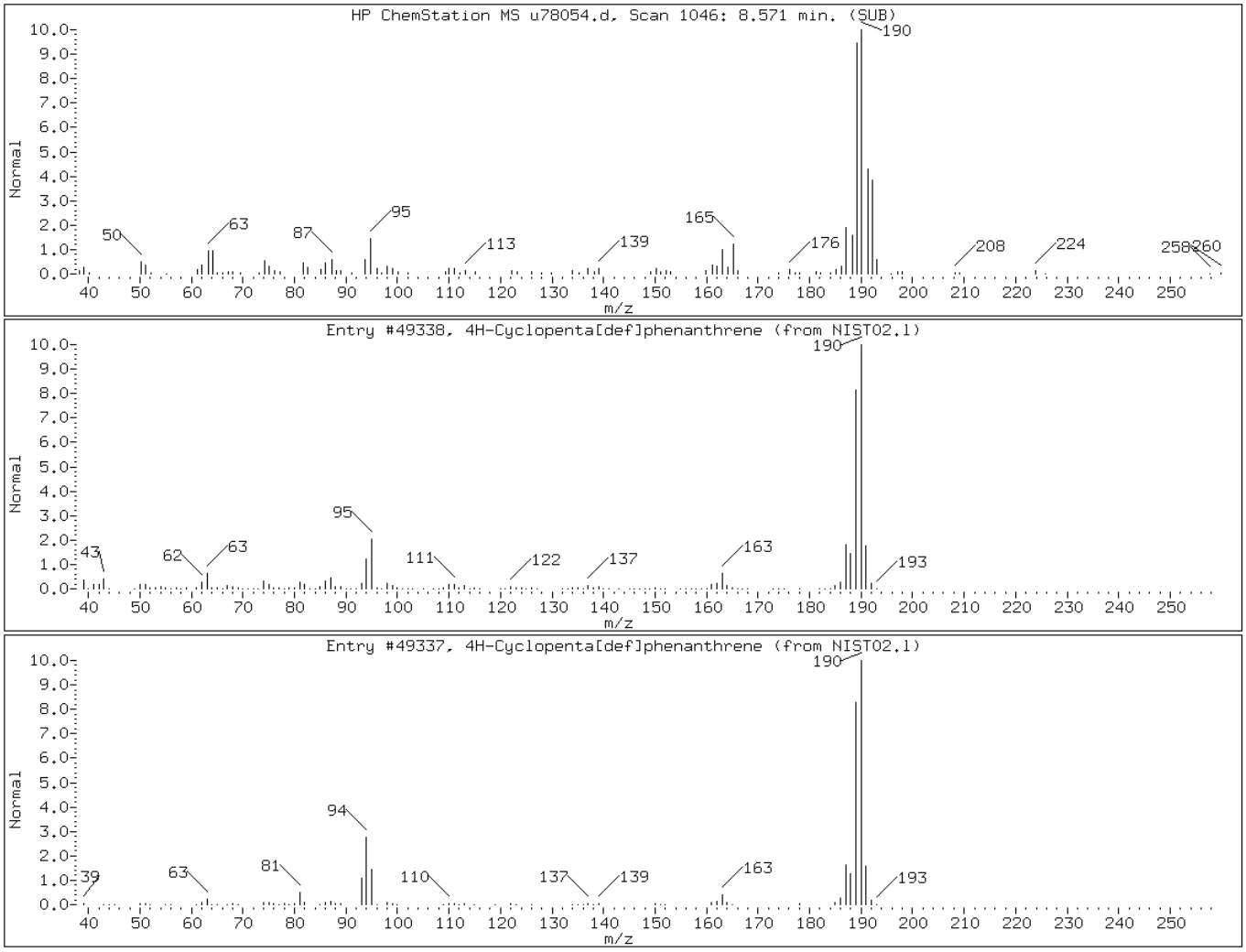
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 8.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49338	78	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49337	58	C15H10	190



Data File: u78054.d

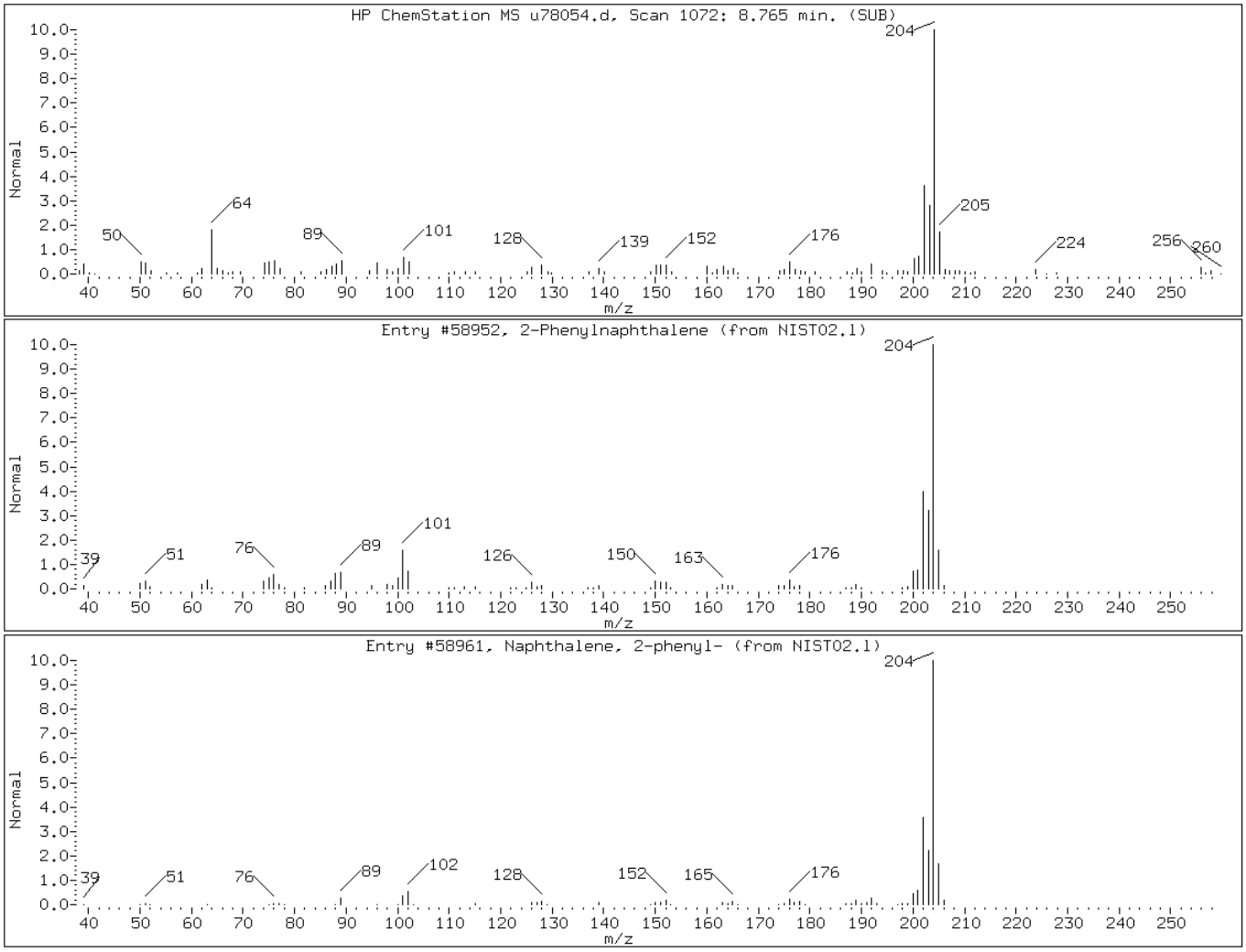
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H12 PAH						
2-Phenylnaphthalene	35465-71-5	NIST02.l	58952	86	C16H12	204
Naphthalene, 2-phenyl-	612-94-2	NIST02.l	58961	76	C16H12	204



Data File: u78054.d

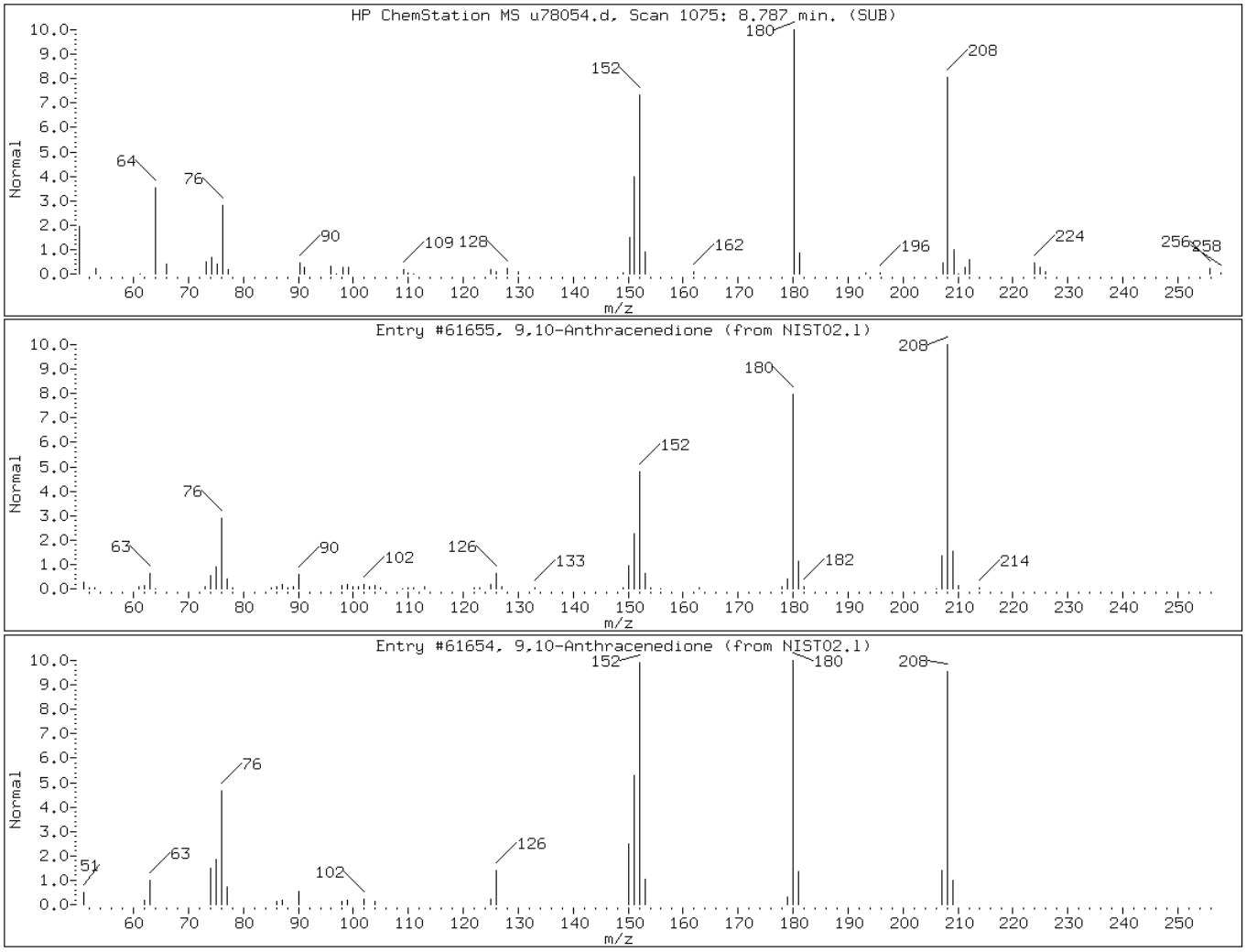
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST02.l	61655	83	C14H8O2	208
Unknown-1						
9,10-Anthracenedione	84-65-1	NIST02.l	61654	81	C14H8O2	208



Data File: u78054.d

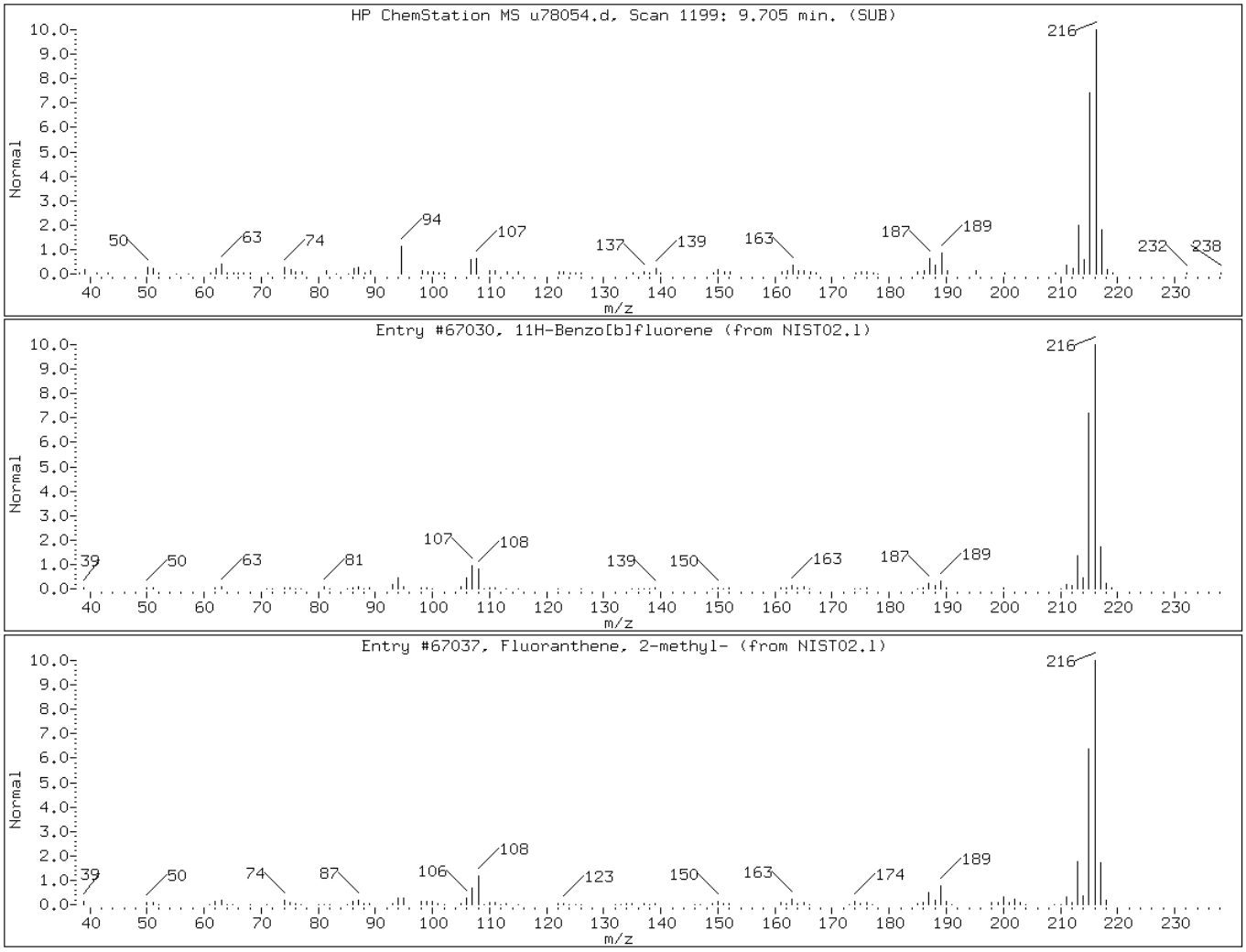
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-1						
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67030	94	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST02.l	67037	93	C17H12	216



Data File: u78054.d

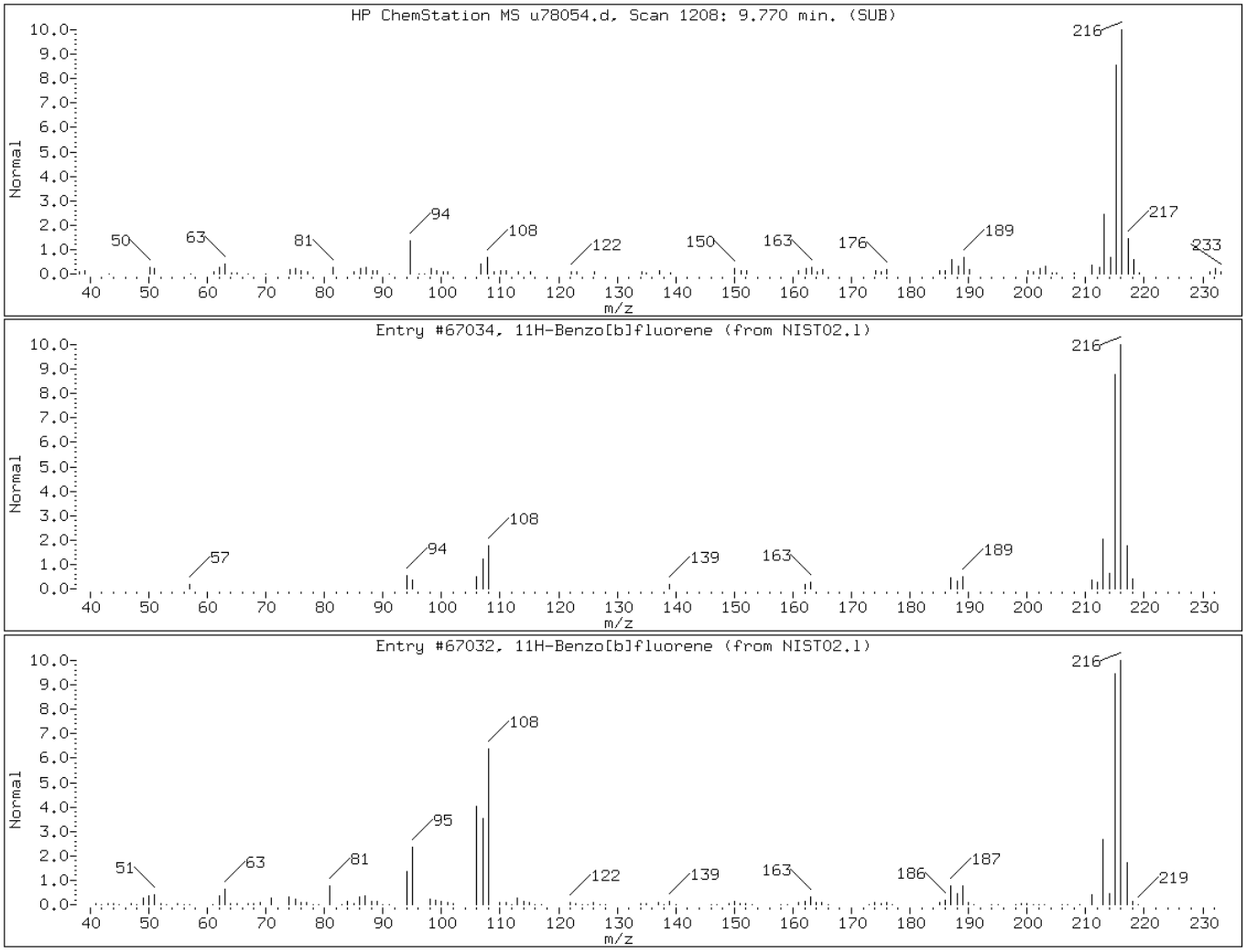
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 9.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-2						
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67034	91	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67032	91	C17H12	216



Data File: u78054.d

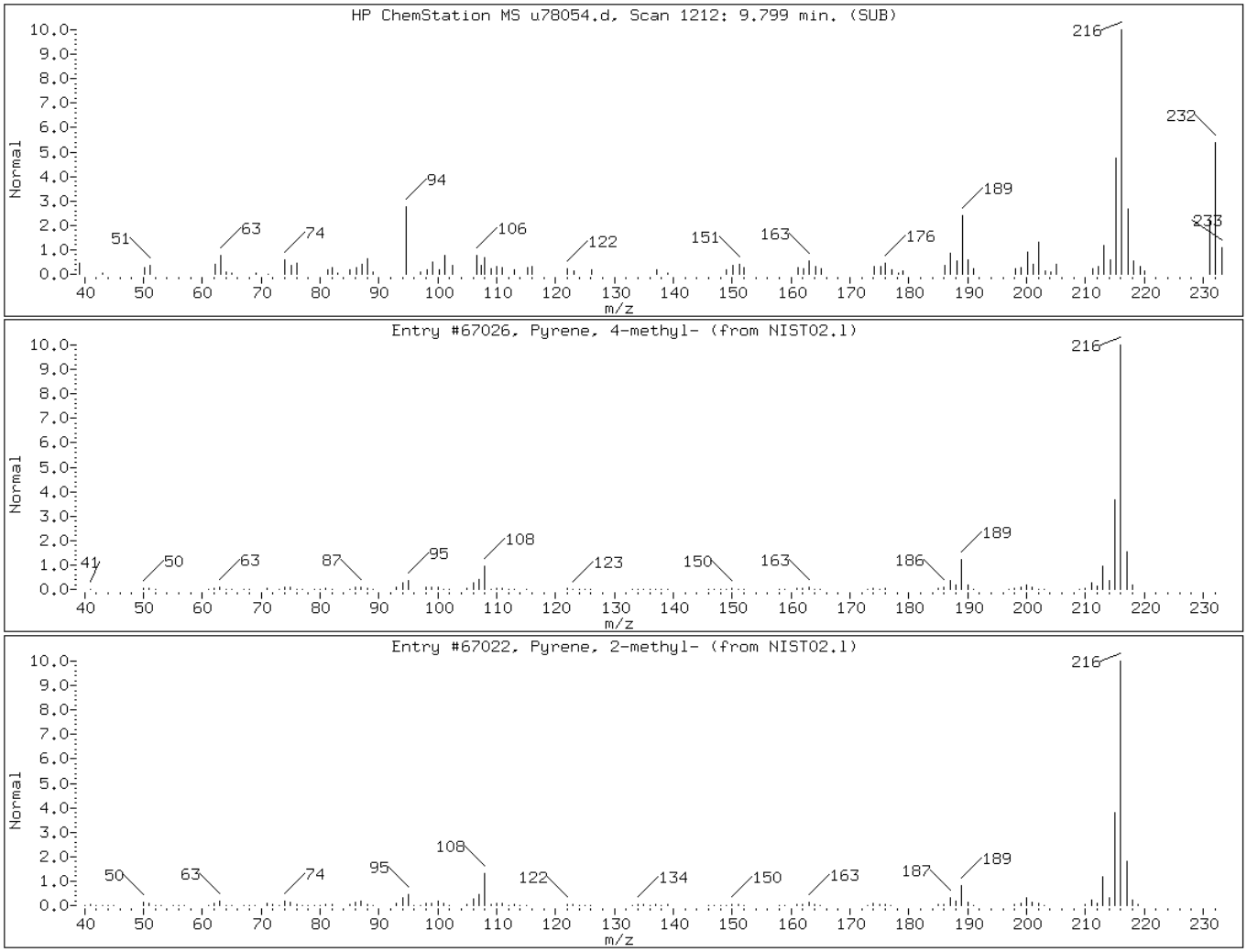
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 9.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-3						
Pyrene, 4-methyl-	3353-12-6	NIST02.l	67026	60	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST02.l	67022	55	C17H12	216



Data File: u78054.d

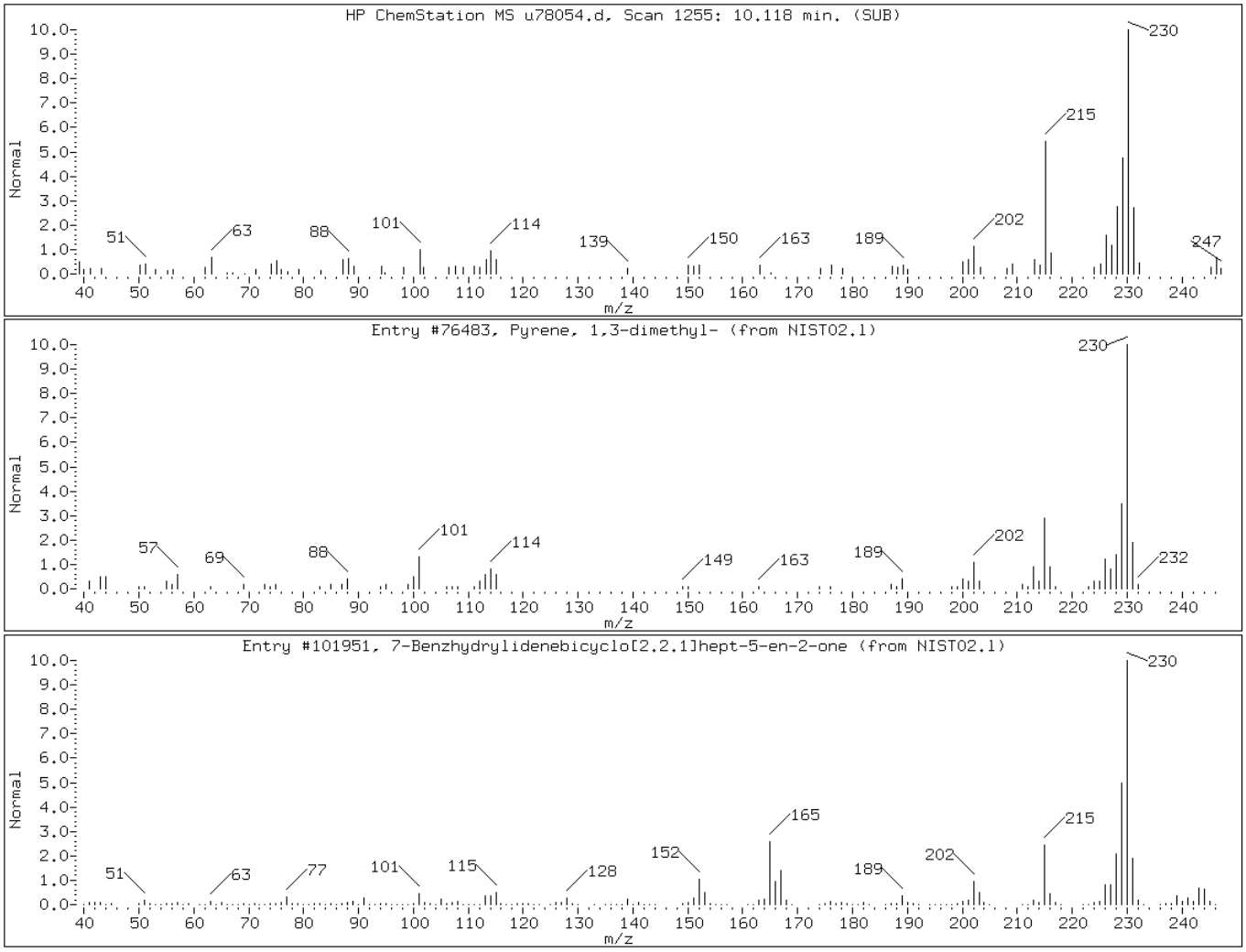
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 10.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C18H14 PAH						
Pyrene, 1,3-dimethyl-	64401-21-4	NIST02.l	76483	78	C18H14	230
7-Benzhydrylidenebicyclo[2.2.1]hep	118999-90-9	NIST02.l	101951	64	C20H16O	272



Data File: u78054.d

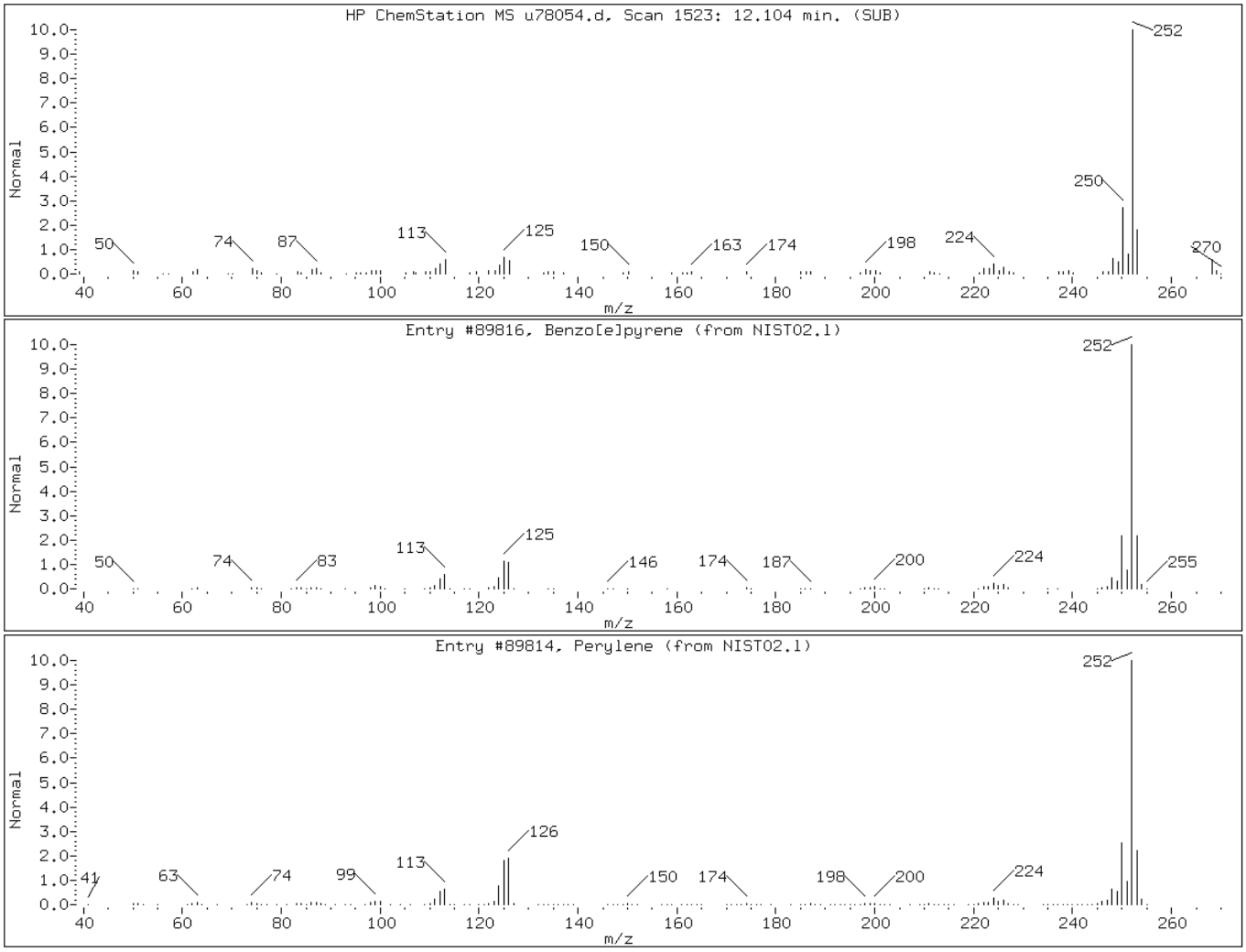
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 12.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-1						
Benzo[e]pyrene	192-97-2	NIST02.l	89816	89	C20H12	252
Perylene	198-55-0	NIST02.l	89814	89	C20H12	252



Data File: u78054.d

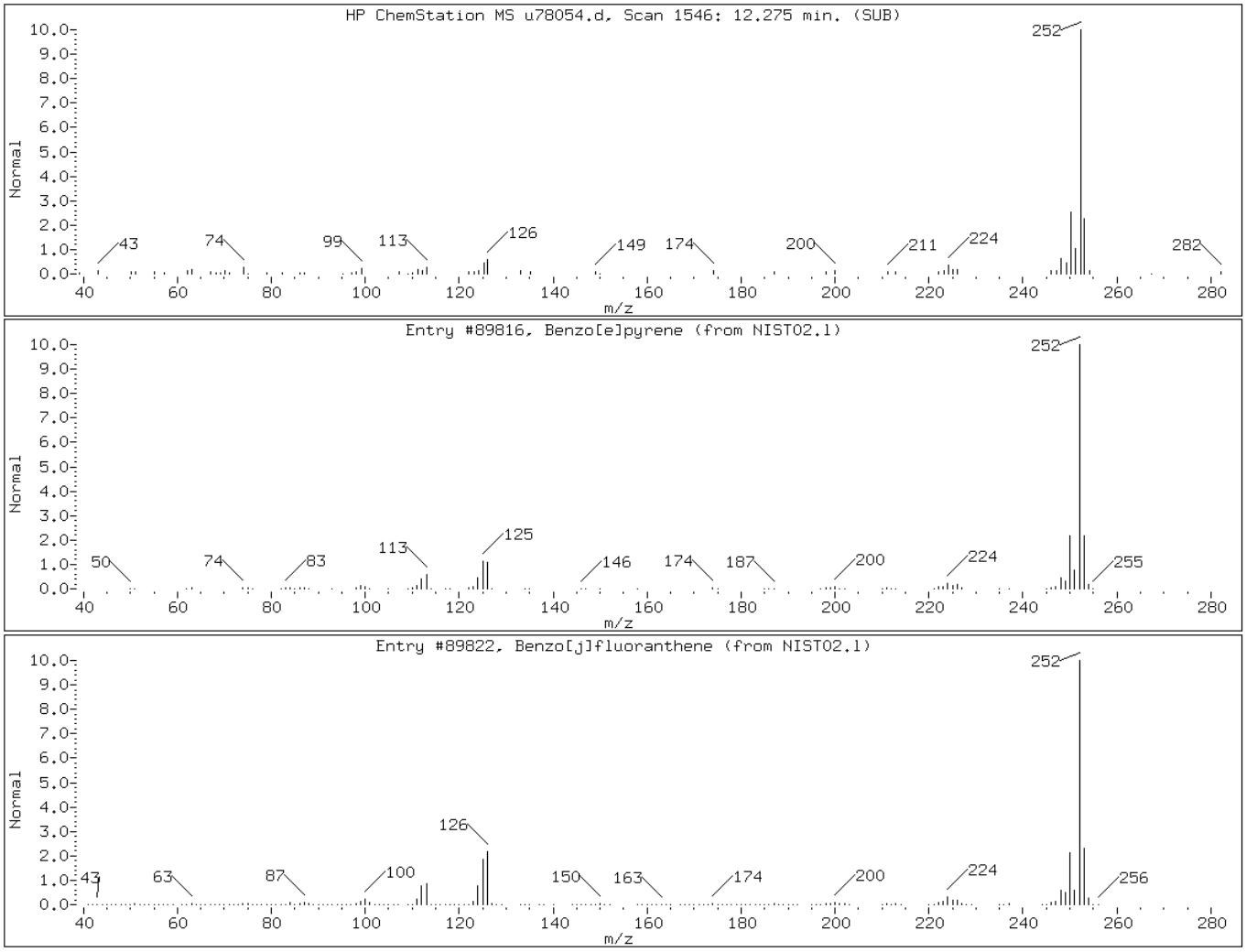
Date: 06-JUL-2012 18:24

Client ID: SF-31 Instrument: BNAMS4.i

Sample Info: 460-41730-E-7-E Operator: BNAMS 4

Retention Time: 12.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-2						
Benzo[e]pyrene	192-97-2	NIST02.l	89816	91	C20H12	252
Benzo[j]fluoranthene	205-82-3	NIST02.l	89822	90	C20H12	252



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: u78034.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	63	U	470	63
95-57-8	2-Chlorophenol	62	U	470	62
95-48-7	2-Methylphenol	80	U	470	80
106-44-5	4-Methylphenol	92	U	470	92
100-52-7	Benzaldehyde	55	U	470	55
98-86-2	Acetophenone	72	U	470	72
111-44-4	Bis(2-chloroethyl)ether	6.4	U	47	6.4
108-60-1	2,2'-oxybis[1-chloropropane]	52	U	470	52
621-64-7	N-Nitrosodi-n-propylamine	7.8	U	47	7.8
98-95-3	Nitrobenzene	6.7	U	47	6.7
67-72-1	Hexachloroethane	5.2	U	47	5.2
78-59-1	Isophorone	57	U	470	57
88-75-5	2-Nitrophenol	52	U	470	52
105-67-9	2,4-Dimethylphenol	120	U	470	120
120-83-2	2,4-Dichlorophenol	69	U	470	69
111-91-1	Bis(2-chloroethoxy)methane	60	U	470	60
91-20-3	Naphthalene	54	U	470	54
106-47-8	4-Chloroaniline	120	U	470	120
87-68-3	Hexachlorobutadiene	11	U	95	11
105-60-2	Caprolactam	110	U	470	110
59-50-7	4-Chloro-3-methylphenol	71	U	470	71
91-57-6	2-Methylnaphthalene	60	U	470	60
118-74-1	Hexachlorobenzene	6.4	U	47	6.4
77-47-4	Hexachlorocyclopentadiene	55	U	470	55
88-06-2	2,4,6-Trichlorophenol	55	U	470	55
95-95-4	2,4,5-Trichlorophenol	60	U	470	60
92-52-4	Diphenyl	63	U	470	63
91-58-7	2-Chloronaphthalene	52	U	470	52
88-74-4	2-Nitroaniline	200	U	950	200
606-20-2	2,6-Dinitrotoluene	14	U	95	14
131-11-3	Dimethyl phthalate	56	U	470	56
208-96-8	Acenaphthylene	55	U	470	55
99-09-2	3-Nitroaniline	170	U	950	170
83-32-9	Acenaphthene	68	U	470	68

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: u78034.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	300	U	1400	300
51-28-5	2,4-Dinitrophenol	270	U	1400	270
132-64-9	Dibenzofuran	55	U	470	55
84-66-2	Diethyl phthalate	56	U	470	56
86-73-7	Fluorene	60	U	470	60
206-44-0	Fluoranthene	62	U	470	62
84-74-2	Di-n-butyl phthalate	58	U	470	58
121-14-2	2,4-Dinitrotoluene	15	U	95	15
7005-72-3	4-Chlorophenyl phenyl ether	55	U	470	55
100-01-6	4-Nitroaniline	150	U	950	150
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1400	130
101-55-3	4-Bromophenyl phenyl ether	46	U	470	46
1912-24-9	Atrazine	72	U	470	72
120-12-7	Anthracene	57	U	470	57
86-74-8	Carbazole	55	U	470	55
85-01-8	Phenanthrene	60	U	470	60
87-86-5	Pentachlorophenol	140	U	1400	140
129-00-0	Pyrene	39	U	470	39
218-01-9	Chrysene	55	U	470	55
207-08-9	Benzo[k]fluoranthene	3.6	U	47	3.6
191-24-2	Benzo[g,h,i]perylene	35	U	470	35
205-99-2	Benzo[b]fluoranthene	3.0	U	47	3.0
50-32-8	Benzo[a]pyrene	3.3	U	47	3.3
56-55-3	Benzo[a]anthracene	3.3	U	47	3.3
86-30-6	N-Nitrosodiphenylamine	46	U	470	46
85-68-7	Butyl benzyl phthalate	43	U	470	43
117-81-7	Bis(2-ethylhexyl) phthalate	160	U	470	160
117-84-0	Di-n-octyl phthalate	30	U	470	30
193-39-5	Indeno[1,2,3-cd]pyrene	8.7	U	47	8.7
53-70-3	Dibenz(a,h)anthracene	5.9	U	47	5.9
91-94-1	3,3'-Dichlorobenzidine	160	U	950	160
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U *	470	63
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	470	61
123-91-1	1,4-Dioxane	34	U	470	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: u78034.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	104		41-118
1718-51-0	Terphenyl-d14	104		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	105		37-125
321-60-8	2-Fluorobiphenyl	87		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: u78034.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:30

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 13 | TIC Result Total: 17260

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	8.92	1900	J N
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.21	950	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	9.66	1500	J N
	Unknown-1	11.32	820	J
	Unknown Aldehyde-1	11.80	600	J
	Unknown Alkane	12.05	420	J
	Unknown-2	12.18	630	J
	C20H12 PAH	12.26	750	J
	Unknown Aldehyde-2	13.63	390	J
	Unknown-3	14.11	1200	J
	Unknown-4	14.37	1600	J
	Unknown-5	14.57	5100	J
	Unknown-6	15.29	1400	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78034.d
Report Date: 08-Jul-2012 23:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78034.d
Lab Smp Id: 460-41730-E-8-E Client Smp ID: SF-32
Inj Date : 06-JUL-2012 11:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-8-E
Misc Info : 460-41730-E-8-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	29.37626	% Moisture

Cpnd Variable Local Compound Variable

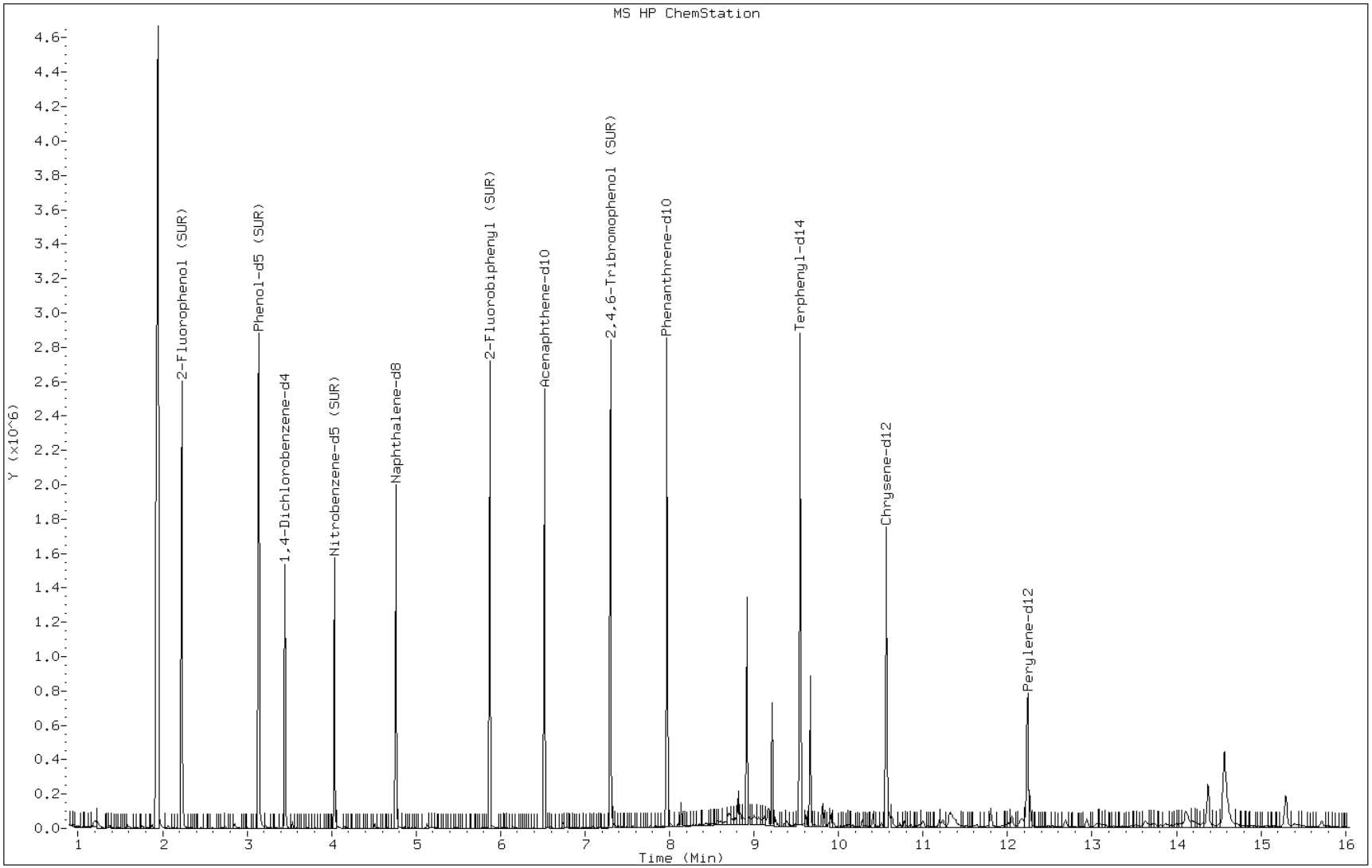
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.230	2.210	(0.647)	463219	105.307	9900
$ 17 Phenol-d5 (SUR)	99	3.142	3.145	(0.911)	791637	104.139	9800
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.454	(1.000)	143546	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.048	(0.848)	411852	38.1365	3600
* 80 Naphthalene-d8	136	4.760	4.765	(1.000)	608577	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.879	(0.901)	640674	43.2813	4100
* 82 Acenaphthene-d10	164	6.519	6.523	(1.000)	430844	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.303	7.310	(1.120)	252682	76.1937	7200
* 83 Phenanthrene-d10	188	7.970	7.978	(1.000)	807380	40.0000	
$ 78 Terphenyl-d14	244	9.546	9.548	(0.903)	793002	51.9545	4900
* 81 Chrysene-d12	240	10.569	10.573	(1.000)	602919	40.0000	
* 84 Perylene-d12	264	12.242	12.244	(1.000)	448625	40.0000	

Data File: u78034.d

Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4



Data File: u78034.d

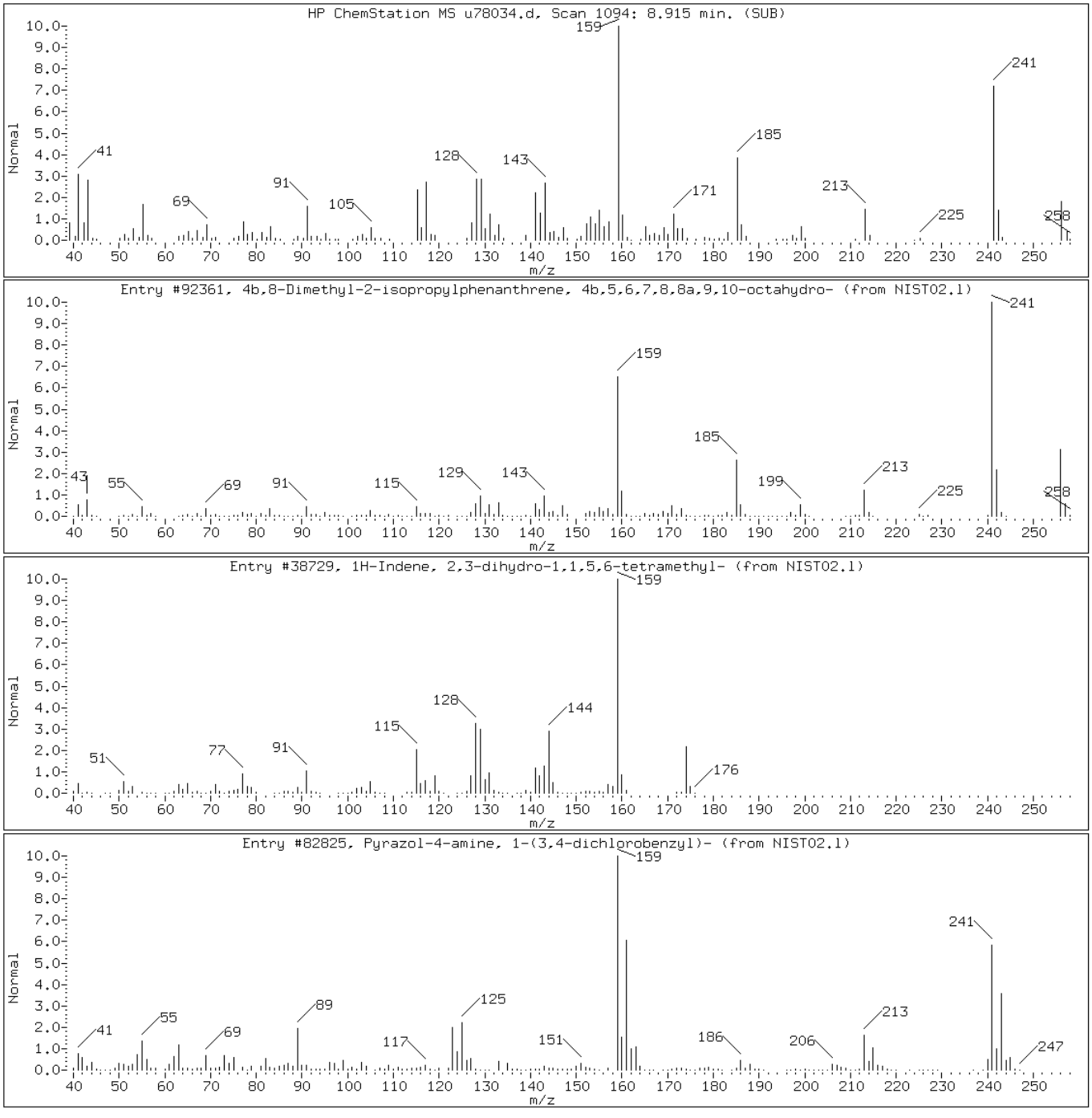
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 8.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4b,8-Dimethyl-2-isopropylphenanthr	1000197-14-1	NIST02.l	92361	92	C19H28	256
1H-Indene, 2,3-dihydro-1,1,5,6-tet	942-43-8	NIST02.l	38729	38	C13H18	174
Pyrazol-4-amine, 1-(3,4-dichlorobe	1000273-77-4	NIST02.l	82825	35	C10H9Cl2N3	241



Data File: u78034.d

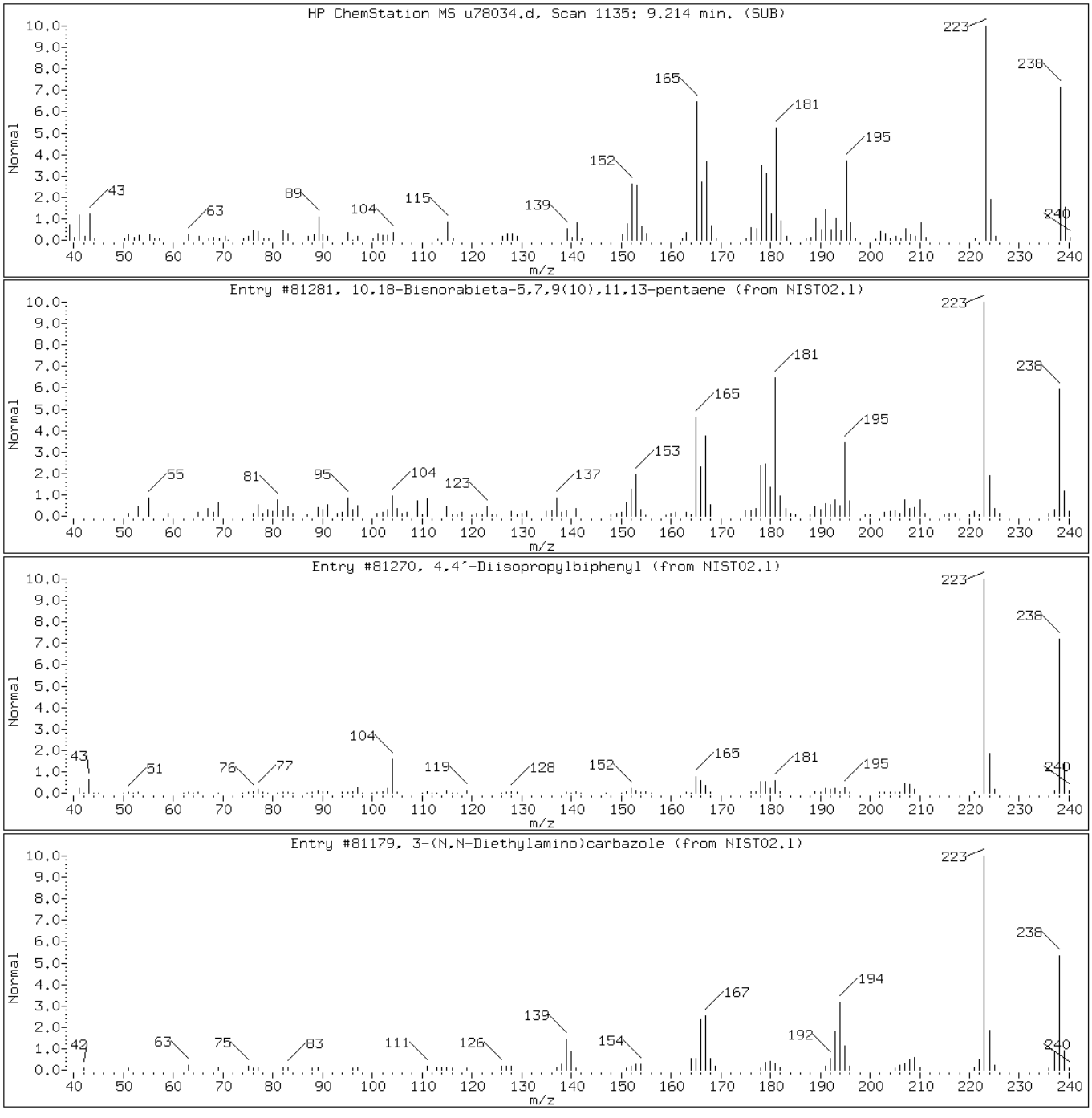
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 9.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
10,18-Bisnorabieta-5,7,9(10),11,13	6566-19-4	NIST02.l	81281	99	C18H22	238
4,4'-Diisopropylbiphenyl	18970-30-4	NIST02.l	81270	50	C18H22	238
3-(N,N-Diethylamino)carbazole	54994-31-9	NIST02.l	81179	46	C16H18N2	238



Data File: u78034.d

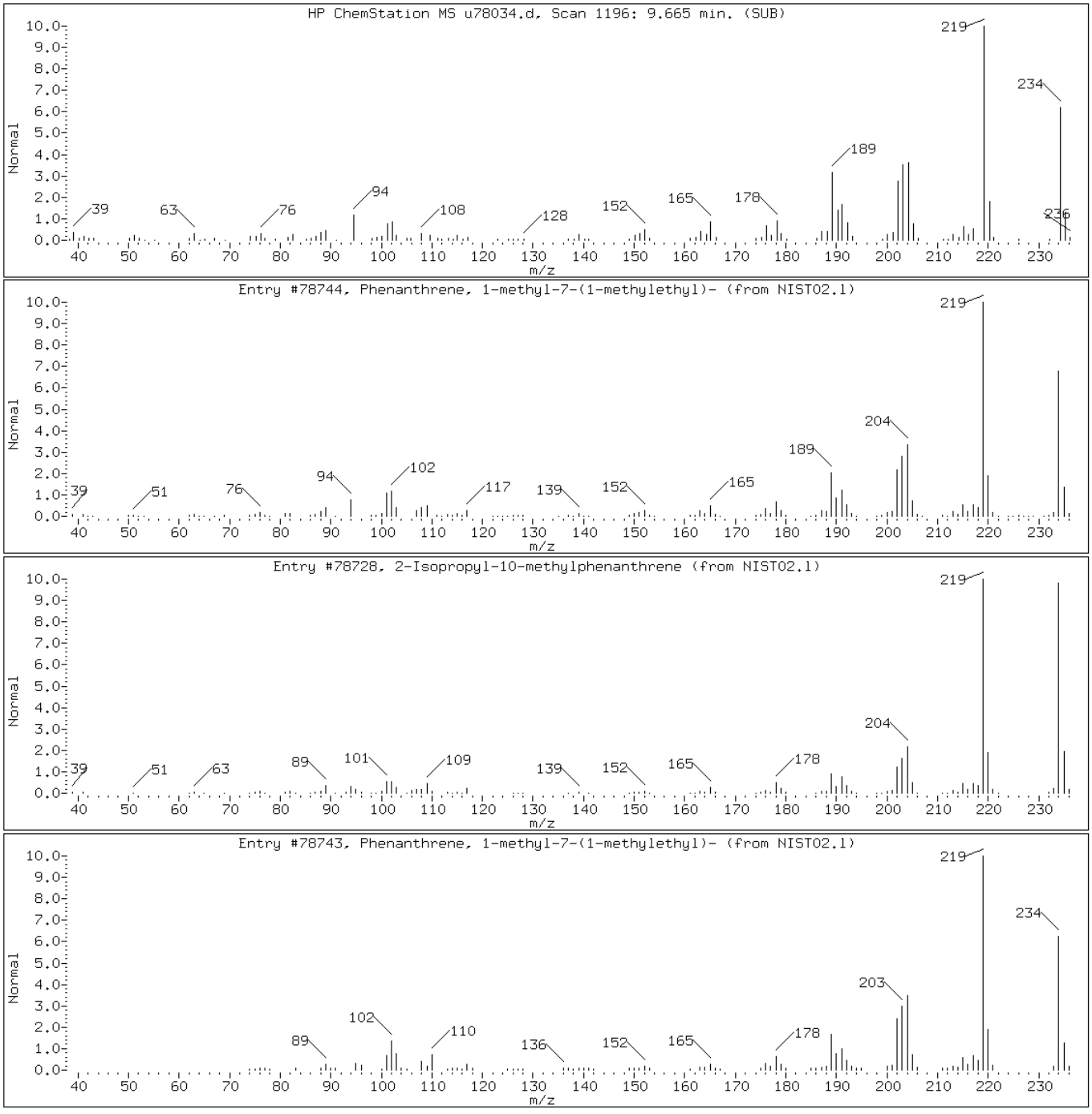
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78744	98	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	95	C18H18	234
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78743	94	C18H18	234



Data File: u78034.d

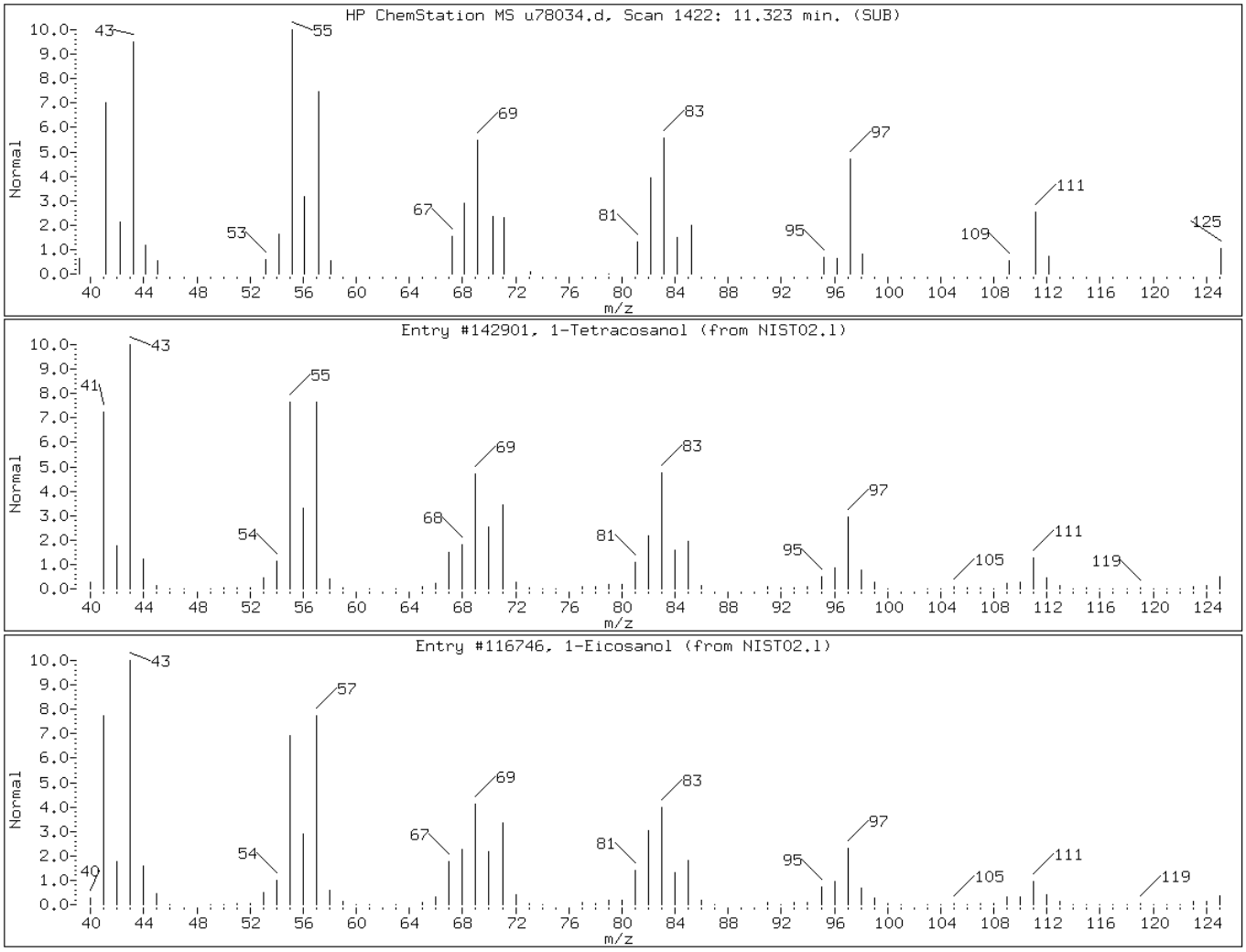
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 11.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Tetracosanol	506-51-4	NIST02.l	142901	58	C24H50O	354
1-Eicosanol	629-96-9	NIST02.l	116746	52	C20H42O	298



Data File: u78034.d

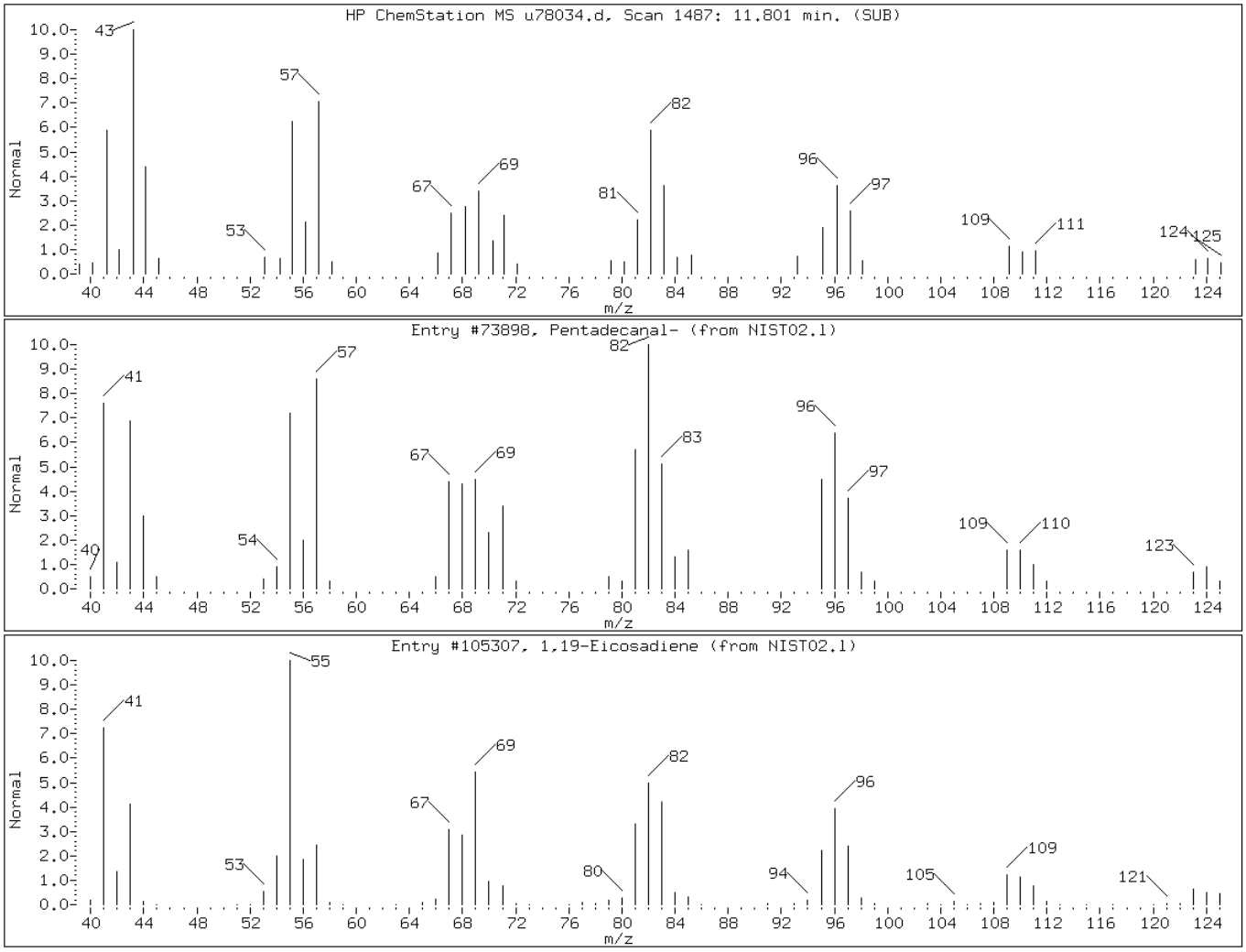
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 11.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldehyde-1						
Pentadecanal-	2765-11-9	NIST02.l	73898	74	C15H30O	226
1,19-Eicosadiene	14811-95-1	NIST02.l	105307	46	C20H38	278



Data File: u78034.d

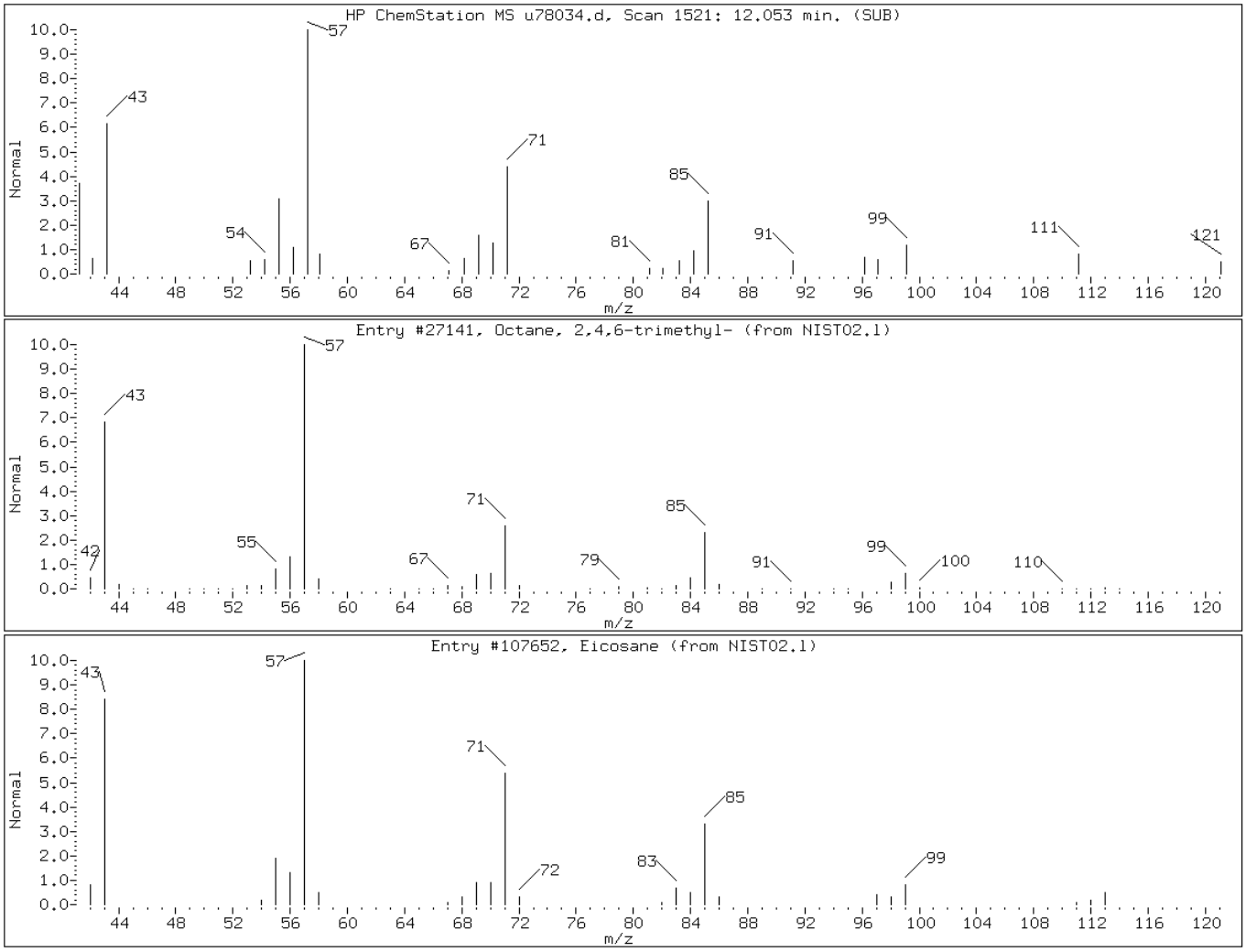
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 12.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.l	27141	72	C11H24	156
Eicosane	112-95-8	NIST02.l	107652	72	C20H42	282



Data File: u78034.d

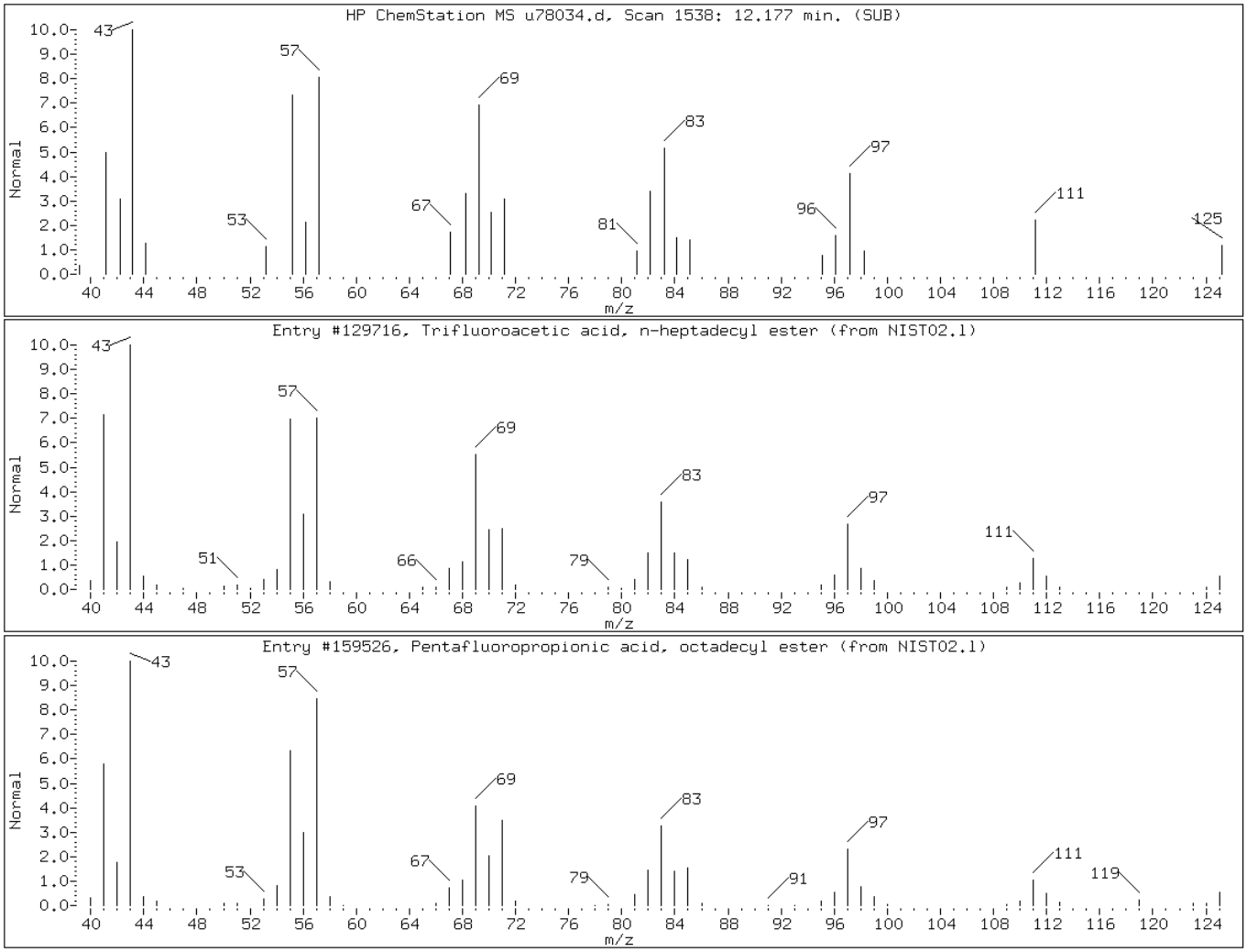
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 12.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Trifluoroacetic acid, n-heptadecyl	1000216-79-2	NIST02.l	129716	59	C17H31F3O2	324
Pentafluoropropionic acid, octadec	1000280-07-7	NIST02.l	159526	50	C21H37F5O2	416



Data File: u78034.d

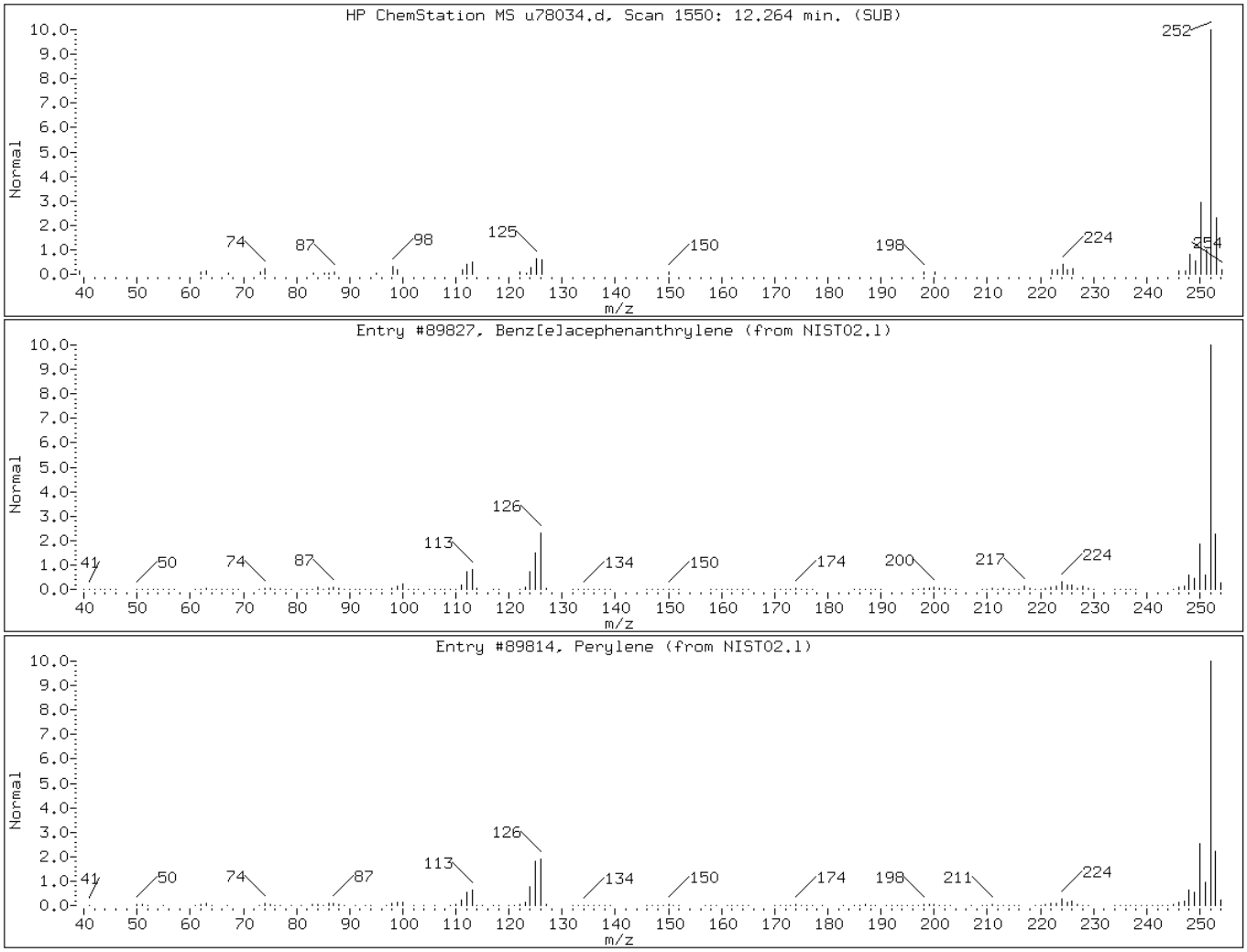
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 12.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benz[e]acephenanthrylene	205-99-2	NIST02.l	89827	81	C20H12	252
Perylene	198-55-0	NIST02.l	89814	81	C20H12	252



Data File: u78034.d

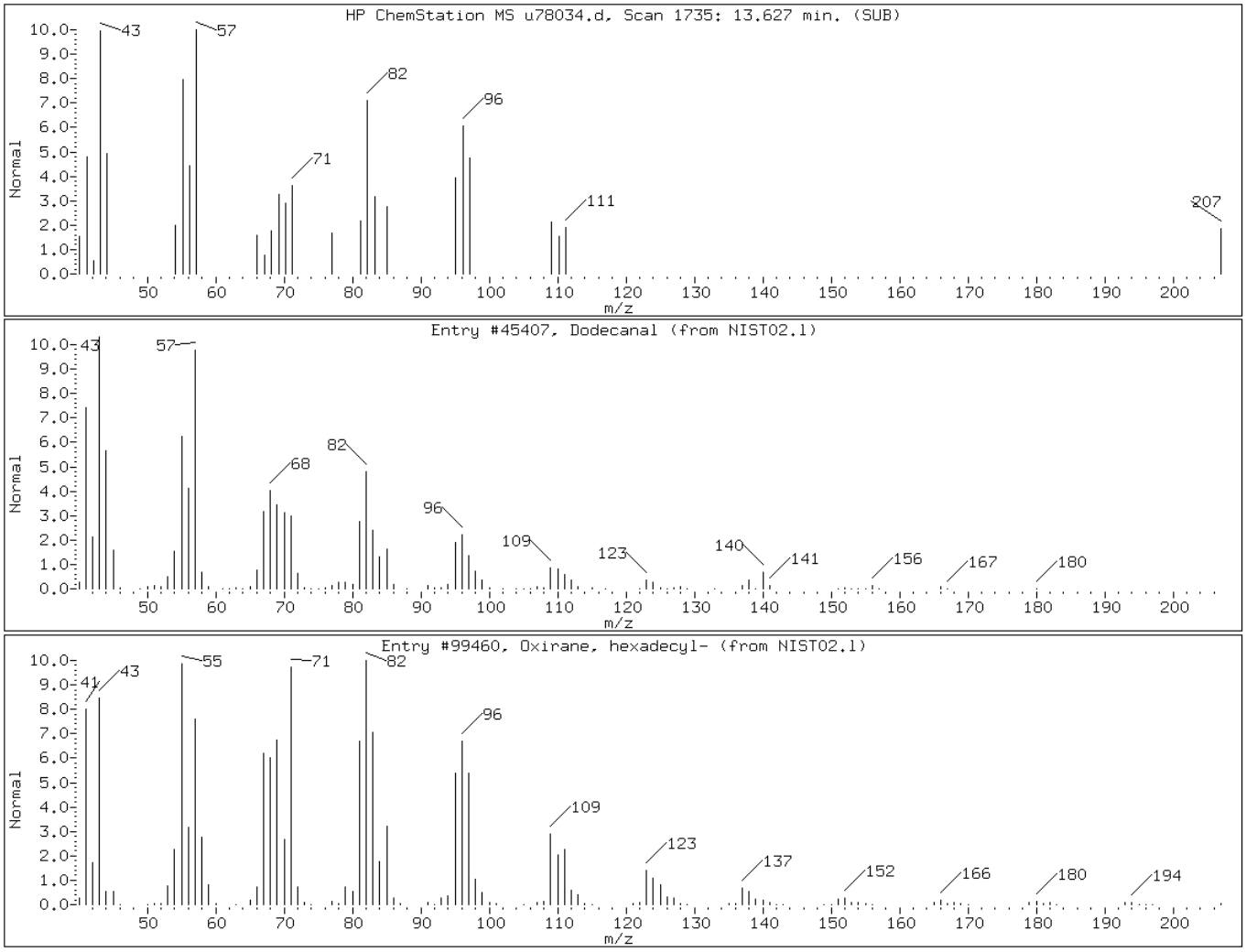
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldehyde-2						
Dodecanal	112-54-9	NIST02.l	45407	53	C12H24O	184
Oxirane, hexadecyl-	7390-81-0	NIST02.l	99460	53	C18H36O	268



Data File: u78034.d

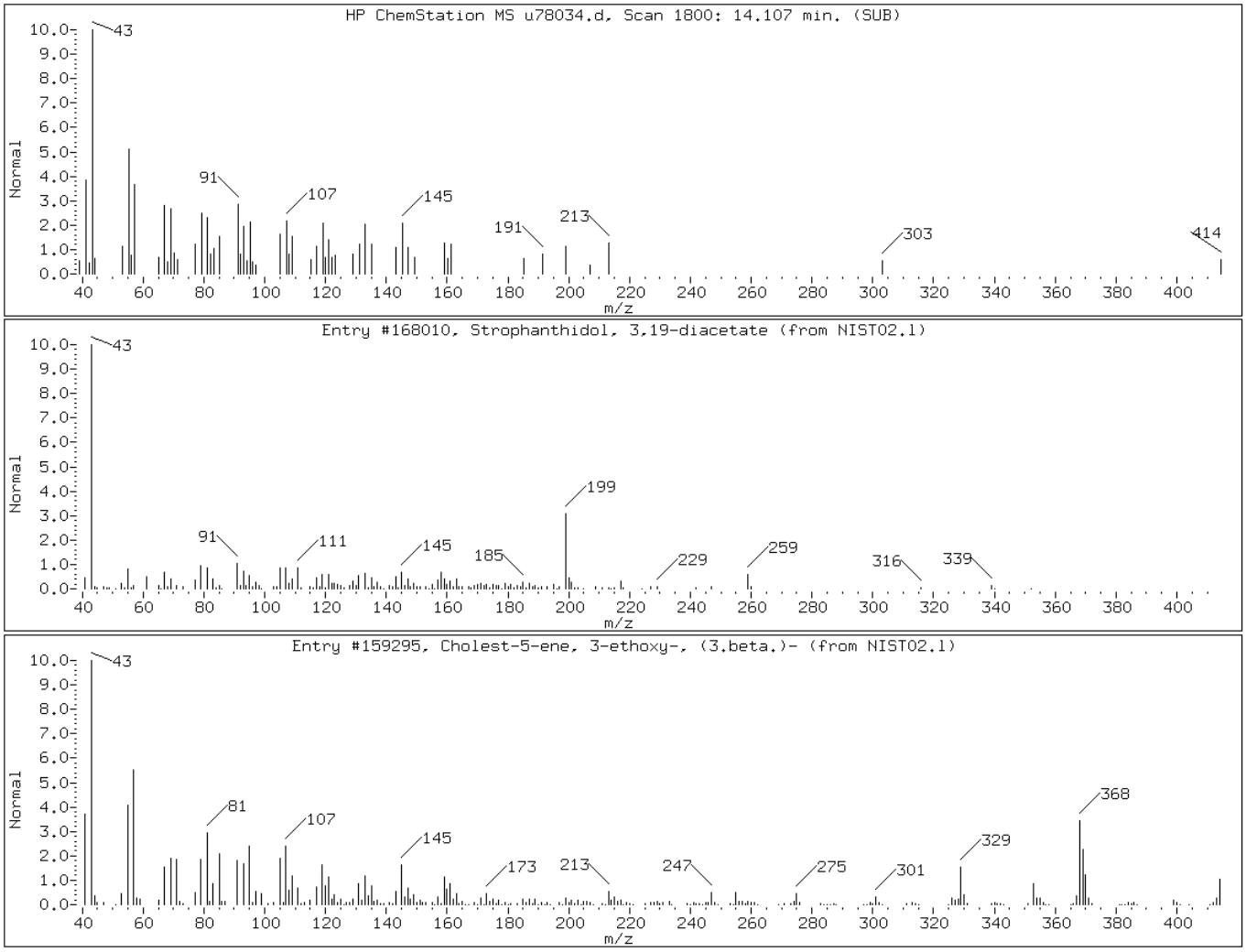
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 14.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Strophanthidol, 3,19-diacetate	83349-11-5	NIST02.l	168010	37	C27H38O8	490
Cholest-5-ene, 3-ethoxy-, (3.beta.	986-19-6	NIST02.l	159295	27	C29H50O	414



Data File: u78034.d

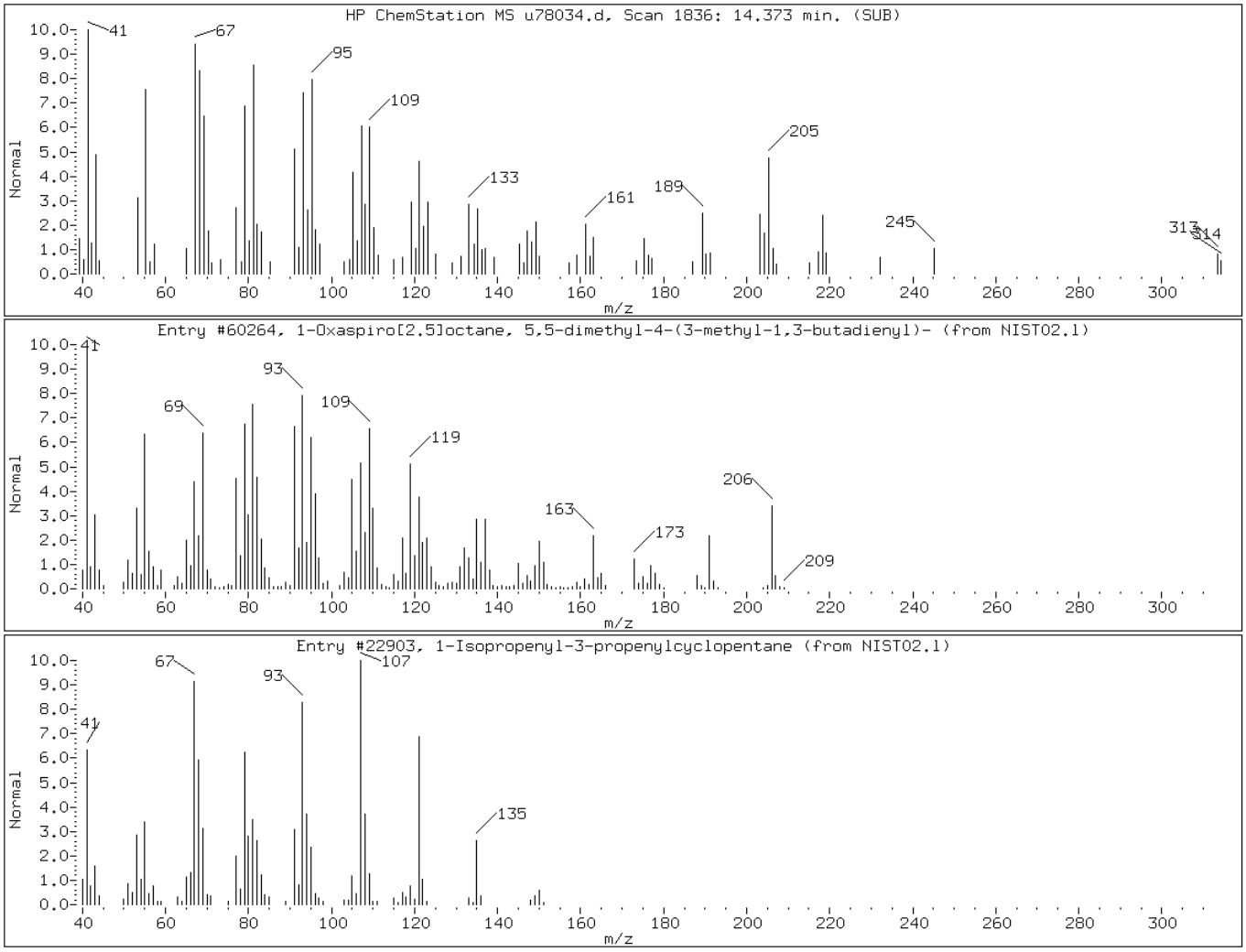
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 14.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
1-Oxaspiro[2.5]octane, 5,5-dimethy	1000195-92-1	NIST02.l	60264	70	C14H22O	206
1-Isopropenyl-3-propenylcyclopenta	1000192-81-2	NIST02.l	22903	64	C11H18	150



Data File: u78034.d

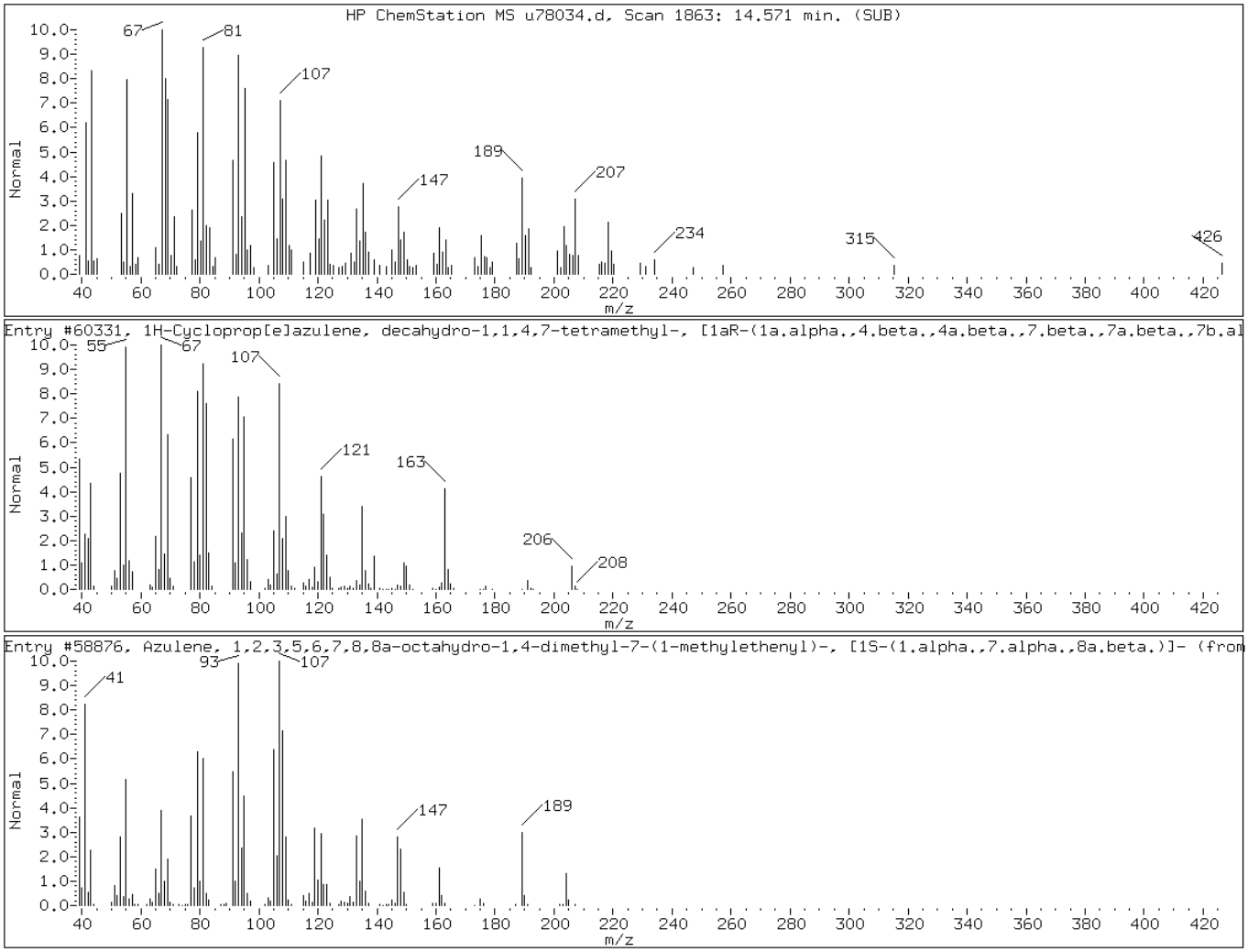
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 14.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1H-Cycloprop[e]azulene, decahydro-	28580-43-0	NIST02.l	60331	58	C15H26	206
Azulene, 1,2,3,5,6,7,8,8a-octahydr	3691-11-0	NIST02.l	58876	50	C15H24	204



Data File: u78034.d

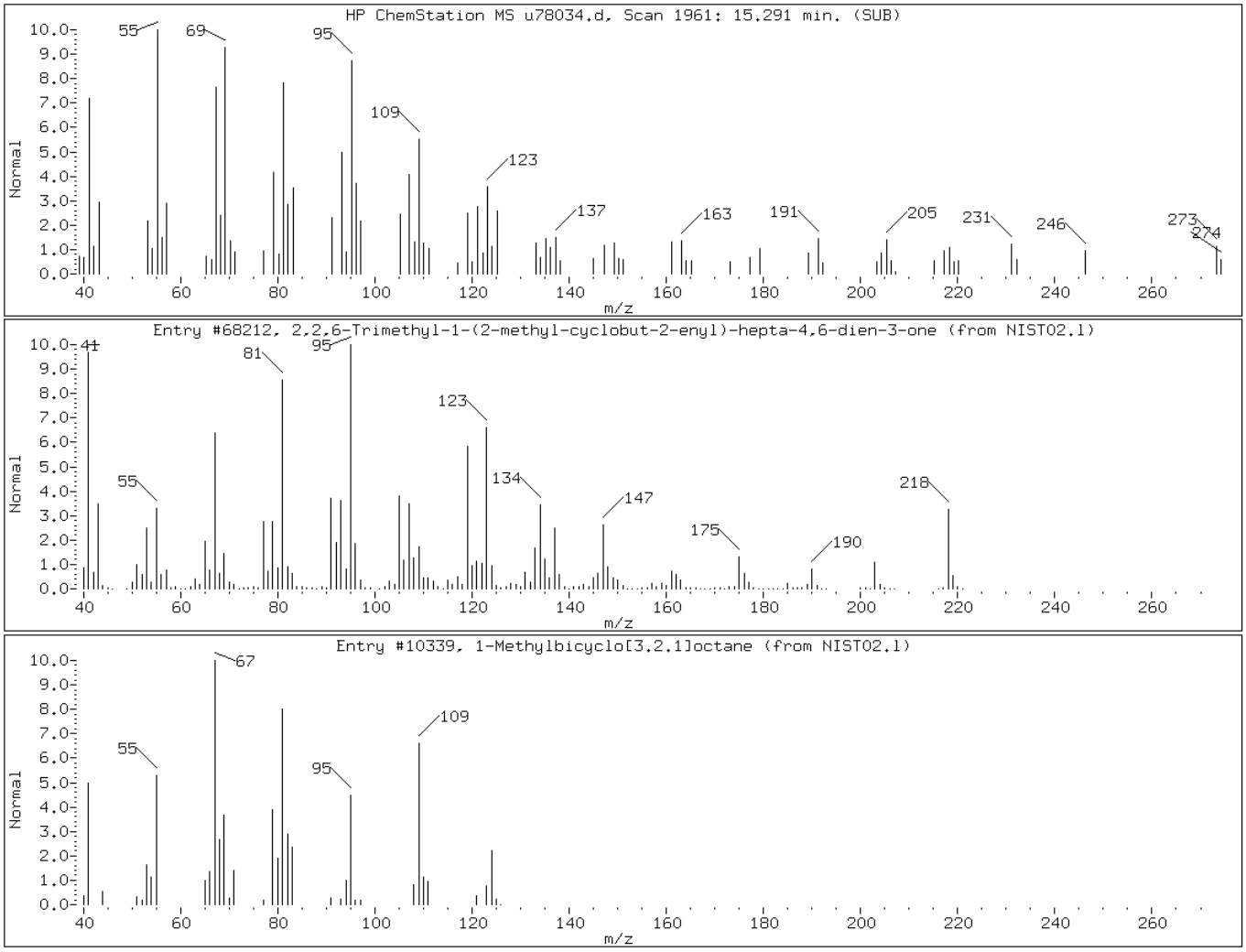
Date: 06-JUL-2012 11:39

Client ID: SF-32 Instrument: BNAMS4.i

Sample Info: 460-41730-E-8-E Operator: BNAMS 4

Retention Time: 15.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
2,2,6-Trimethyl-1-(2-methyl-cyclob	1000188-72-8	NIST02.l	68212	55	C15H22O	218
1-Methylbicyclo[3.2.1]octane	119972-41-7	NIST02.l	10339	43	C9H16	124



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: u78035.d

Analysis Method: 8270C | Date Collected: 06/26/2012 10:15

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: u78035.d

Analysis Method: 8270C | Date Collected: 06/26/2012 10:15

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: u78035.d

Analysis Method: 8270C | Date Collected: 06/26/2012 10:15

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	100		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	110		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: u78035.d

Analysis Method: 8270C | Date Collected: 06/26/2012 10:15

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78035.d
Report Date: 08-Jul-2012 20:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78035.d
Lab Smp Id: 460-41730-E-9-E Client Smp ID: SF-33
Inj Date : 06-JUL-2012 11:59
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-9-E
Misc Info : 460-41730-E-9-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.59696	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.236	2.210	(0.648)	487411	109.514	8200
$ 17 Phenol-d5 (SUR)	99	3.143	3.145	(0.911)	767684	99.8098	7500
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.454	(1.000)	145241	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.048	(0.848)	437289	38.6177	2900
* 80 Naphthalene-d8	136	4.760	4.765	(1.000)	638113	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.876	5.879	(0.901)	648842	42.2973	3200
* 82 Acenaphthene-d10	164	6.521	6.523	(1.000)	446488	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.306	7.310	(1.120)	261355	76.0476	5700
* 83 Phenanthrene-d10	188	7.972	7.978	(1.000)	804658	40.0000	
52 Phenanthrene	178	7.987	8.000	(1.002)	4013	0.18218	14(a)
$ 78 Terphenyl-d14	244	9.545	9.548	(0.903)	800273	47.1554	3600
* 81 Chrysene-d12	240	10.566	10.573	(1.000)	670370	40.0000	
* 84 Perylene-d12	264	12.240	12.244	(1.000)	517532	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78035.d
Report Date: 08-Jul-2012 20:32

QC Flag Legend

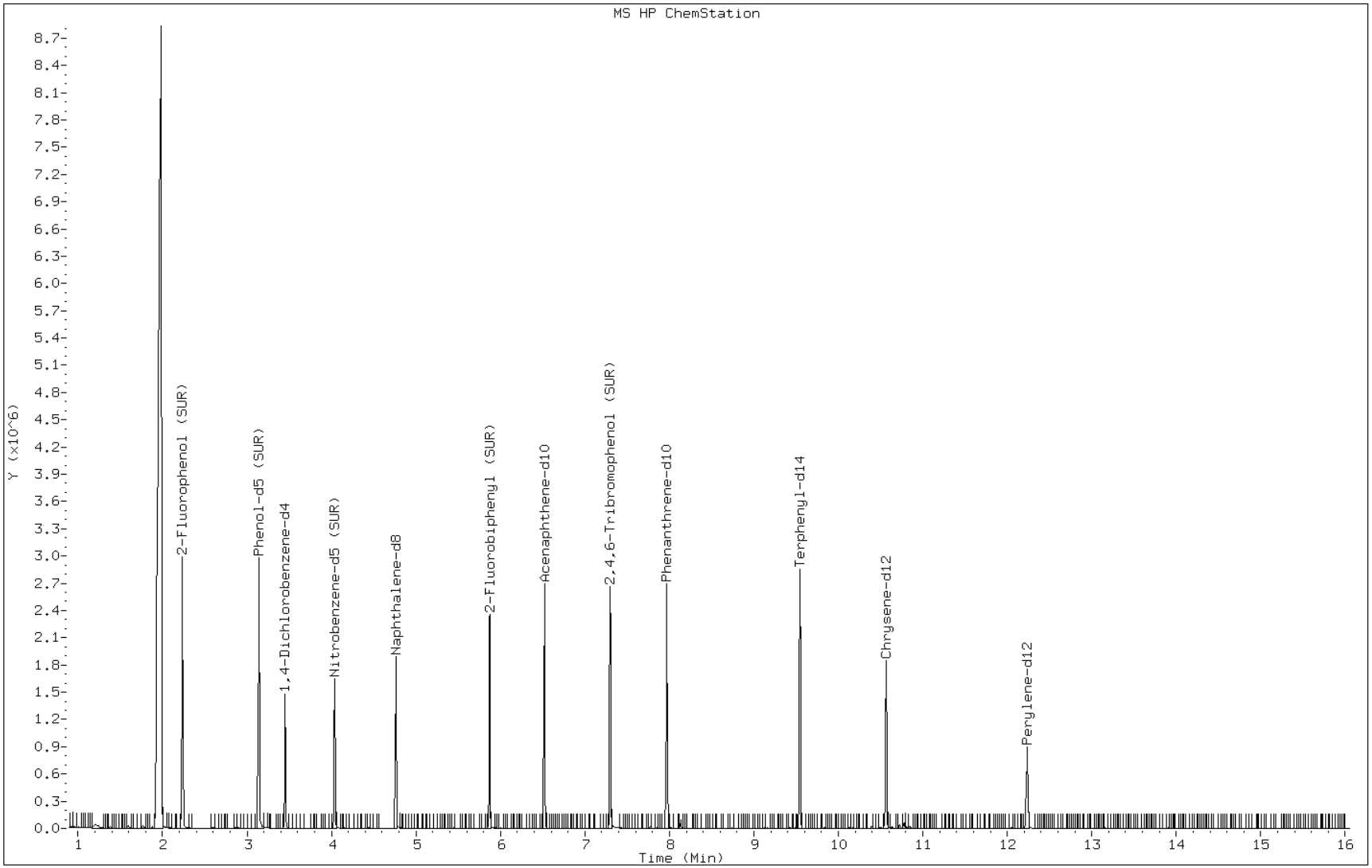
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78035.d

Date: 06-JUL-2012 11:59

Client ID: SF-33 Instrument: BNAMS4.i

Sample Info: 460-41730-E-9-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: u78036.d

Analysis Method: 8270C | Date Collected: 06/25/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 12:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	45	U	390	45
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	39	6.4
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	390	45
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: u78036.d

Analysis Method: 8270C | Date Collected: 06/25/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 12:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	49	U	390	49
206-44-0	Fluoranthene	51	U	390	51
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50
123-91-1	1,4-Dioxane	28	U	390	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: u78036.d

Analysis Method: 8270C | Date Collected: 06/25/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 12:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	103		41-118
1718-51-0	Terphenyl-d14	105		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	98		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: u78036.d

Analysis Method: 8270C | Date Collected: 06/25/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 12:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78036.d
Report Date: 08-Jul-2012 20:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78036.d
Lab Smp Id: 460-41730-E-10-E Client Smp ID: FD-H
Inj Date : 06-JUL-2012 12:19
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-10-E
Misc Info : 460-41730-E-10-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	14.64355	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.235	2.210	(0.647)	414686	98.1450	7600
$ 17 Phenol-d5 (SUR)	99	3.144	3.145	(0.910)	752788	103.095	8000
* 79 1,4-Dichlorobenzene-d4	152	3.453	3.454	(1.000)	137884	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.048	(0.848)	400034	39.8046	3100
* 80 Naphthalene-d8	136	4.759	4.765	(1.000)	566342	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.875	5.879	(0.901)	562285	38.5891	3000
* 82 Acenaphthene-d10	164	6.522	6.523	(1.000)	424107	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.303	7.310	(1.120)	244788	74.9858	5800
* 83 Phenanthrene-d10	188	7.970	7.978	(1.000)	799838	40.0000	
52 Phenanthrene	178	7.993	8.000	(1.003)	3395	0.15506	12(a)
$ 78 Terphenyl-d14	244	9.546	9.548	(0.904)	833362	52.6437	4100
* 81 Chrysene-d12	240	10.564	10.573	(1.000)	625310	40.0000	
* 84 Perylene-d12	264	12.240	12.244	(1.000)	496980	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78036.d
Report Date: 08-Jul-2012 20:33

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78036.d

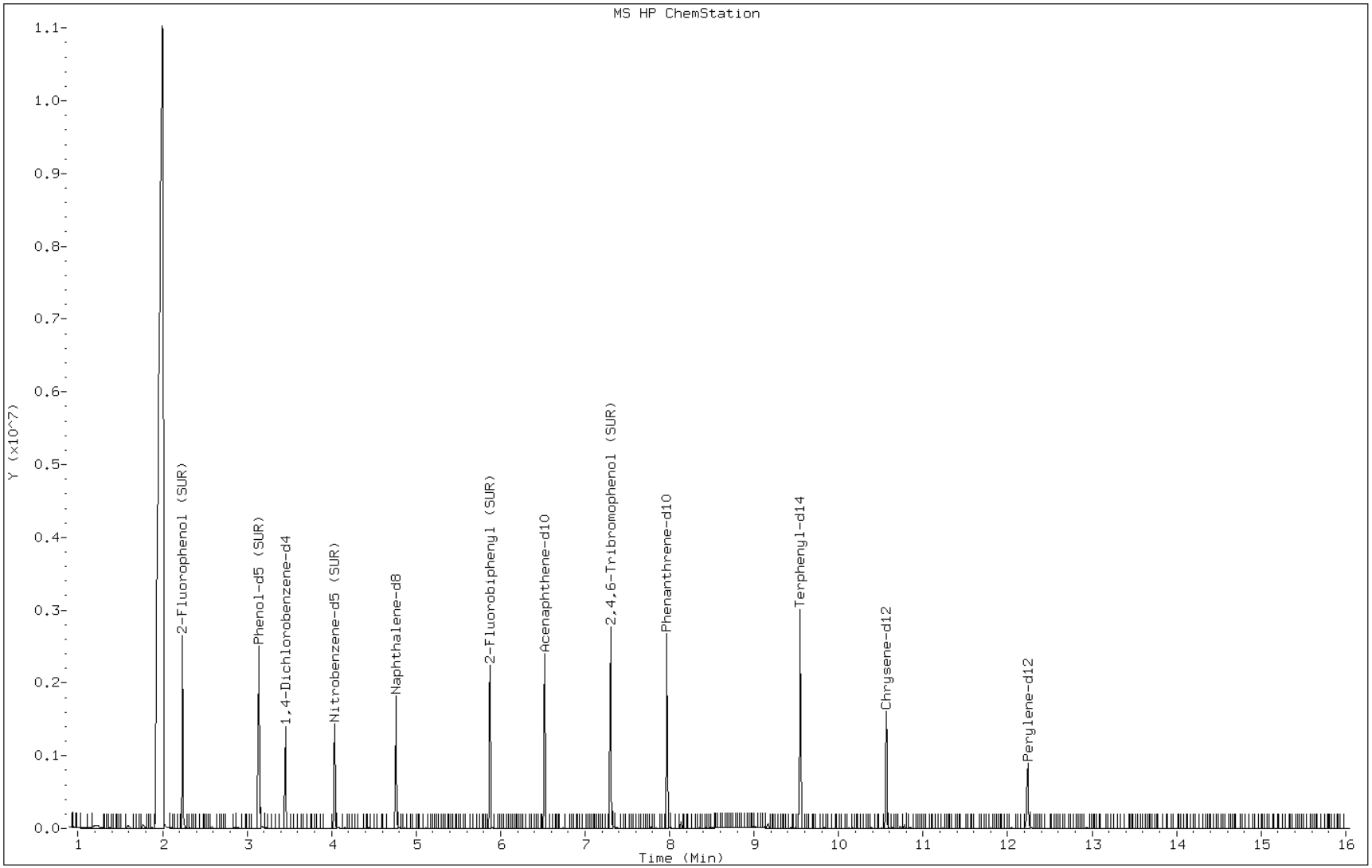
Date: 06-JUL-2012 12:19

Client ID: FD-H

Instrument: BNAMS4.i

Sample Info: 460-41730-E-10-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: u78037.d

Analysis Method: 8270C | Date Collected: 06/25/2012 10:38

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 12:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.6	U	72	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: u78037.d

Analysis Method: 8270C | Date Collected: 06/25/2012 10:38

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 12:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46
123-91-1	1,4-Dioxane	26	U	350	26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: u78037.d

Analysis Method: 8270C | Date Collected: 06/25/2012 10:38

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 12:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	106		41-118
1718-51-0	Terphenyl-d14	113		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	107		37-125
321-60-8	2-Fluorobiphenyl	80		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 Lab Sample ID: 460-41730-11

Matrix: Solid Lab File ID: u78037.d

Analysis Method: 8270C Date Collected: 06/25/2012 10:38

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) Date Analyzed: 07/06/2012 12:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78037.d
Report Date: 08-Jul-2012 20:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78037.d
Lab Smp Id: 460-41730-E-11-E Client Smp ID: F-17
Inj Date : 06-JUL-2012 12:40
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-11-E
Misc Info : 460-41730-E-11-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	6.62021	% Moisture

Cpnd Variable Local Compound Variable

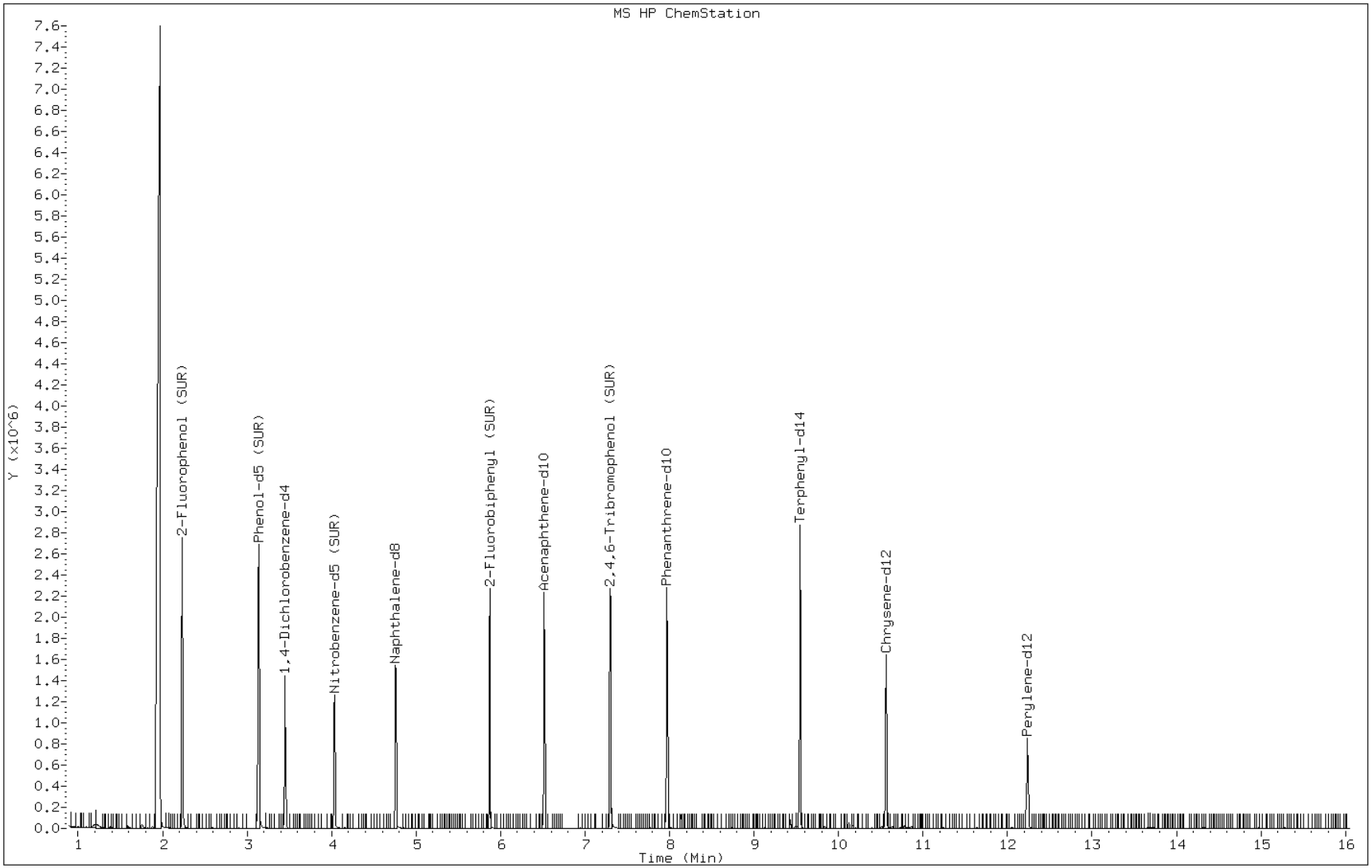
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.210	(0.646)	436503	107.331	7600
$ 17 Phenol-d5 (SUR)	99	3.142	3.145	(0.910)	745739	106.107	7600
* 79 1,4-Dichlorobenzene-d4	152	3.451	3.454	(1.000)	132716	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.039	4.048	(0.847)	401982	39.8489	2800
* 80 Naphthalene-d8	136	4.766	4.765	(1.000)	568467	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.875	5.879	(0.901)	569130	39.9252	2800
* 82 Acenaphthene-d10	164	6.517	6.523	(1.000)	414904	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.310	(1.121)	239607	75.0268	5300
* 83 Phenanthrene-d10	188	7.968	7.978	(1.000)	786929	40.0000	
$ 78 Terphenyl-d14	244	9.545	9.548	(0.903)	832360	56.4228	4000
* 81 Chrysene-d12	240	10.566	10.573	(1.000)	582726	40.0000	
* 84 Perylene-d12	264	12.237	12.244	(1.000)	466637	40.0000	

Data File: u78037.d

Date: 06-JUL-2012 12:40

Client ID: F-17 Instrument: BNAMS4.i

Sample Info: 460-41730-E-11-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: u78038.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	360	49
95-57-8	2-Chlorophenol	48	U	360	48
95-48-7	2-Methylphenol	62	U	360	62
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	43	U	360	43
98-86-2	Acetophenone	56	U	360	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
98-95-3	Nitrobenzene	5.2	U	36	5.2
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	41	U	360	41
105-67-9	2,4-Dimethylphenol	90	U	360	90
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	96	U	360	96
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	360	84
59-50-7	4-Chloro-3-methylphenol	55	U	360	55
91-57-6	2-Methylnaphthalene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	49	U	360	49
91-58-7	2-Chloronaphthalene	41	U	360	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: u78038.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	45	U	360	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	99	U	1100	99
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U *	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47
123-91-1	1,4-Dioxane	26	U	360	26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: u78038.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	99		41-118
1718-51-0	Terphenyl-d14	100		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	107		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: u78038.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:50

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78038.d
Report Date: 08-Jul-2012 20:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78038.d
Lab Smp Id: 460-41730-E-12-E Client Smp ID: F-18
Inj Date : 06-JUL-2012 13:00
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-12-E
Misc Info : 460-41730-E-12-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	8.90909	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.210	(0.647)	462824	106.844	7800
$ 17 Phenol-d5 (SUR)	99	3.141	3.145	(0.910)	737578	98.5276	7200
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.454	(1.000)	141361	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.038	4.048	(0.847)	422730	39.4983	2900
* 80 Naphthalene-d8	136	4.765	4.765	(1.000)	603115	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.879	(0.900)	607169	40.6599	3000
* 82 Acenaphthene-d10	164	6.523	6.523	(1.000)	434637	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.303	7.310	(1.120)	215071	64.2865	4700
* 83 Phenanthrene-d10	188	7.972	7.978	(1.000)	813471	40.0000	
52 Phenanthrene	178	7.986	8.000	(1.002)	4499	0.20203	15(a)
$ 78 Terphenyl-d14	244	9.550	9.548	(0.904)	821242	50.0469	3700
* 81 Chrysene-d12	240	10.568	10.573	(1.000)	648189	40.0000	
* 84 Perylene-d12	264	12.242	12.244	(1.000)	478758	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78038.d
Report Date: 08-Jul-2012 20:35

QC Flag Legend

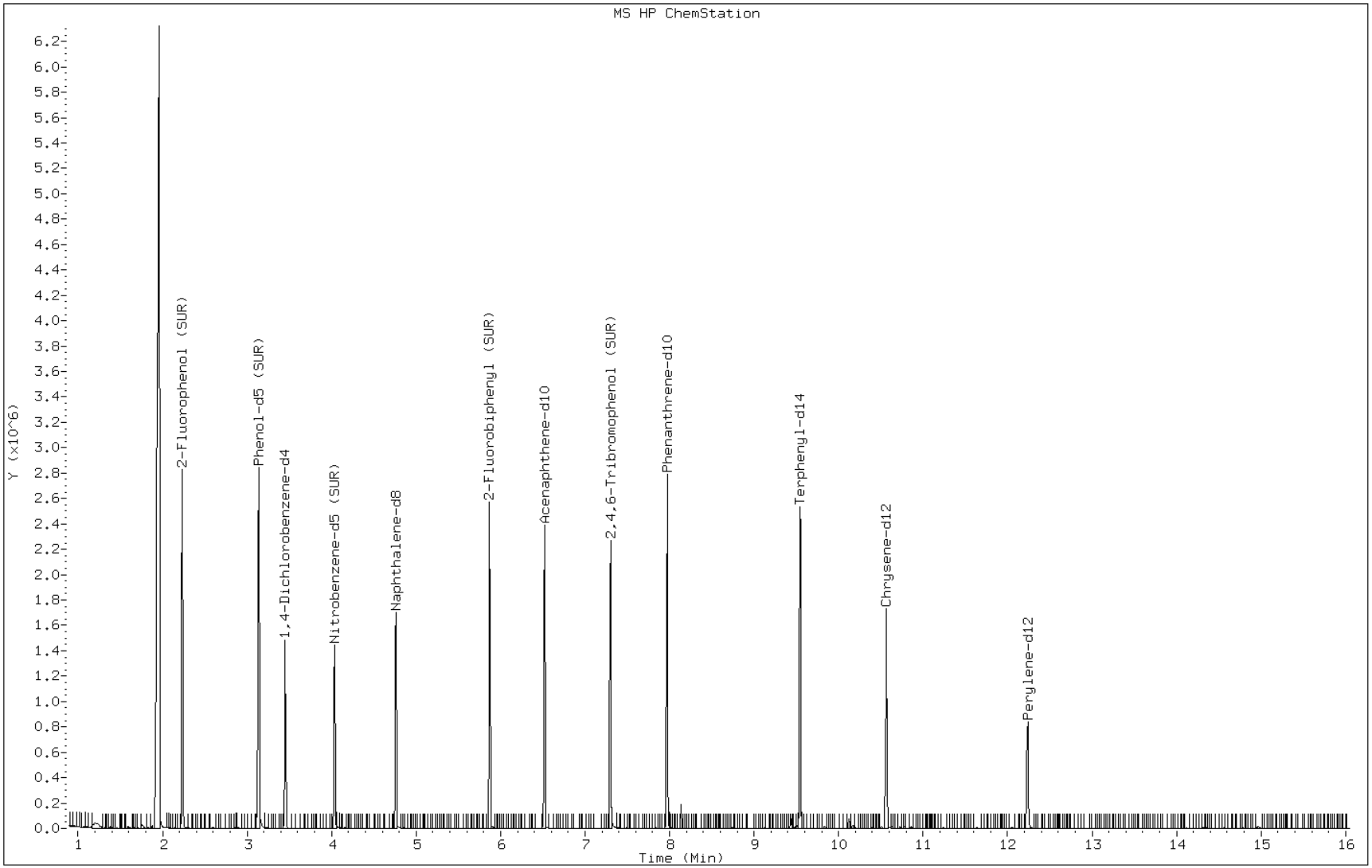
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78038.d

Date: 06-JUL-2012 13:00

Client ID: F-18 Instrument: BNAMS4.i

Sample Info: 460-41730-E-12-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: u78055.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	66	U	380	66
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	38	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	380	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	45	U	380	45
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	380	89
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	50	U	380	50
118-74-1	Hexachlorobenzene	5.3	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	52	U	380	52
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	46	U	380	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: u78055.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	48	U	380	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	60	U	380	60
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	46	U	380	46
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	380	29
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	38	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	38	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50
123-91-1	1,4-Dioxane	28	U	380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: u78055.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	102		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	91		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: u78055.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 7800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.22	370	J N
	Unknown Sterol	13.04	1400	J
601-53-6	Cholestan-3-one, (5.beta.)-	13.17	2000	J N
	Unknown-1	13.31	460	J
	Unknown-2	13.96	860	J
	Unknown-3	14.08	980	J
	Unknown-4	15.17	530	J
	Unknown-5	15.54	520	J
	Unknown-6	15.58	680	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78055.d
Report Date: 09-Jul-2012 00:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78055.d
Lab Smp Id: 460-41730-E-13-E Client Smp ID: F-19
Inj Date : 06-JUL-2012 18:44
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-13-E
Misc Info : 460-41730-E-13-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.15771	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.235	2.210	(0.647)	415685	90.8243	7000
$ 17 Phenol-d5 (SUR)	99	3.143	3.145	(0.910)	704351	89.0520	6900
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.454	(1.000)	149356	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.041	4.048	(0.849)	406121	35.3337	2700
* 80 Naphthalene-d8	136	4.760	4.765	(1.000)	647711	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.876	5.879	(0.901)	570754	39.7243	3100
* 82 Acenaphthene-d10	164	6.522	6.523	(1.000)	418192	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.309	7.310	(1.121)	229692	71.3569	5500
* 83 Phenanthrene-d10	188	7.974	7.978	(1.000)	688801	40.0000	
52 Phenanthrene	178	7.989	8.000	(1.002)	5127	0.27192	21(a)
$ 78 Terphenyl-d14	244	9.553	9.548	(0.903)	565374	50.9042	4000
* 81 Chrysene-d12	240	10.574	10.573	(1.000)	438723	40.0000	
* 84 Perylene-d12	264	12.246	12.244	(1.000)	379283	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78055.d
Report Date: 09-Jul-2012 00:03

QC Flag Legend

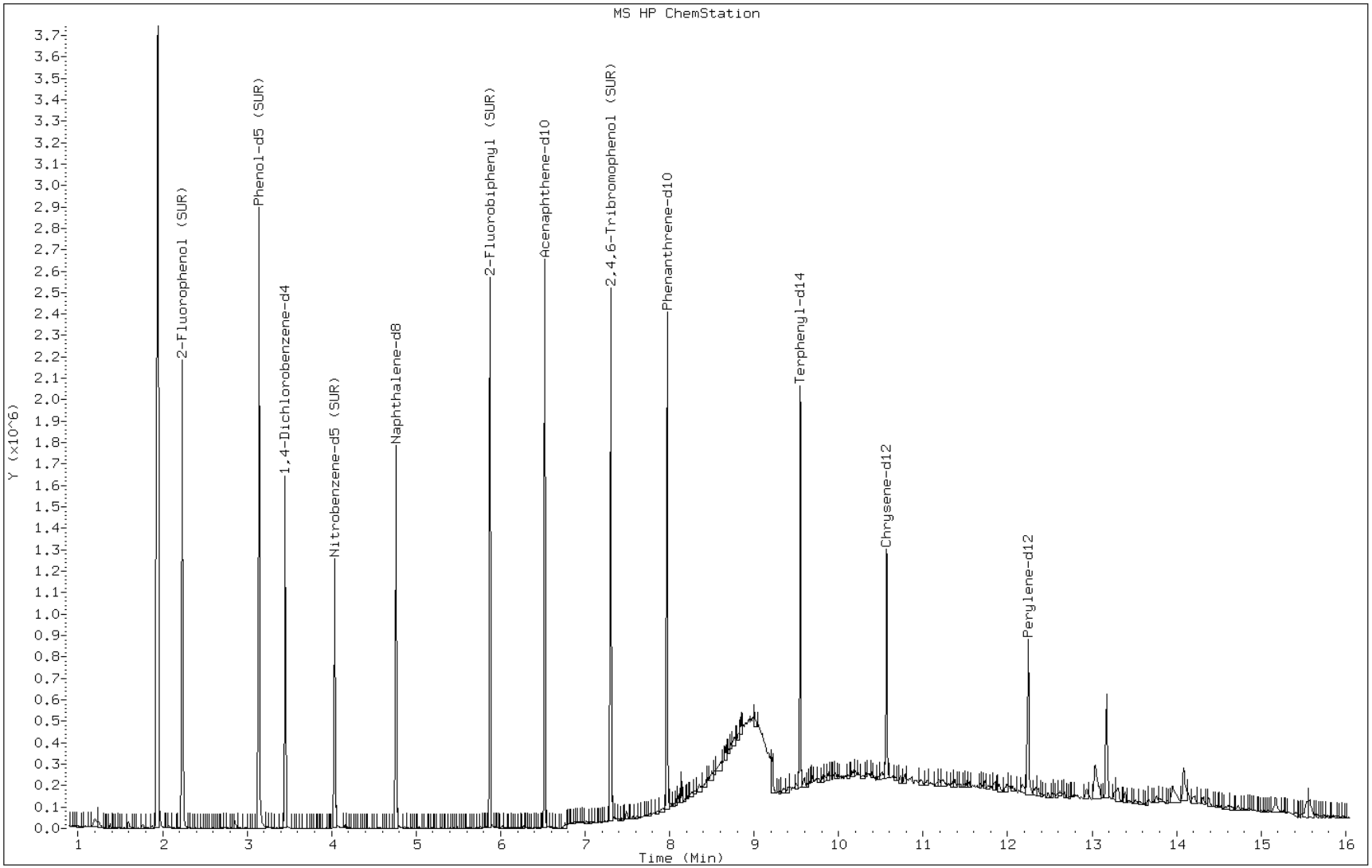
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78055.d

Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4



Data File: u78055.d

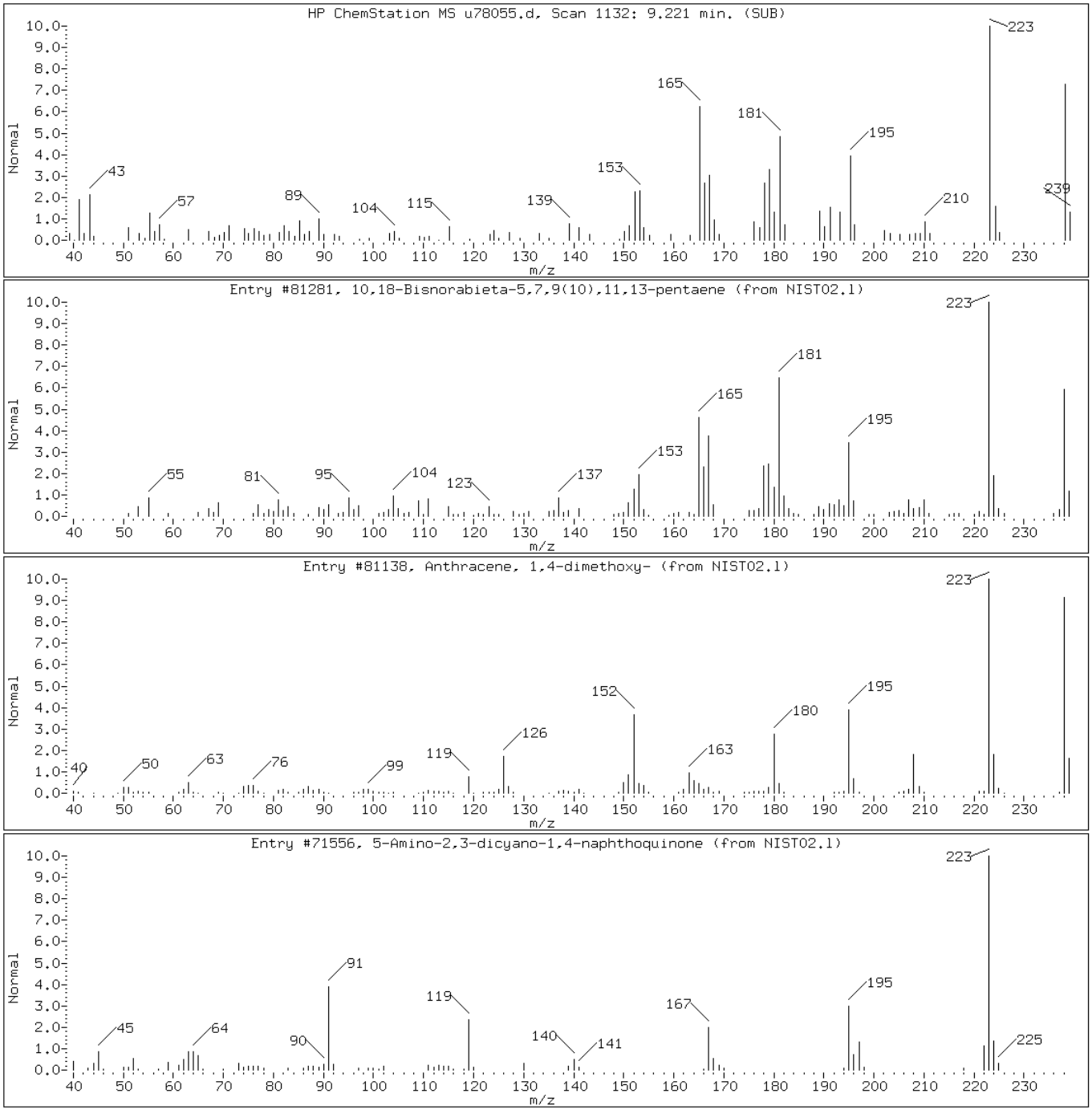
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
10,18-Bisnorabieta-5,7,9(10),11,13	6566-19-4	NIST02.l	81281	95	C18H22	238
Anthracene, 1,4-dimethoxy-	13076-29-4	NIST02.l	81138	49	C16H14O2	238
5-Amino-2,3-dicyano-1,4-naphthoqui	68217-29-8	NIST02.l	71556	38	C12H5N3O2	223



Data File: u78055.d

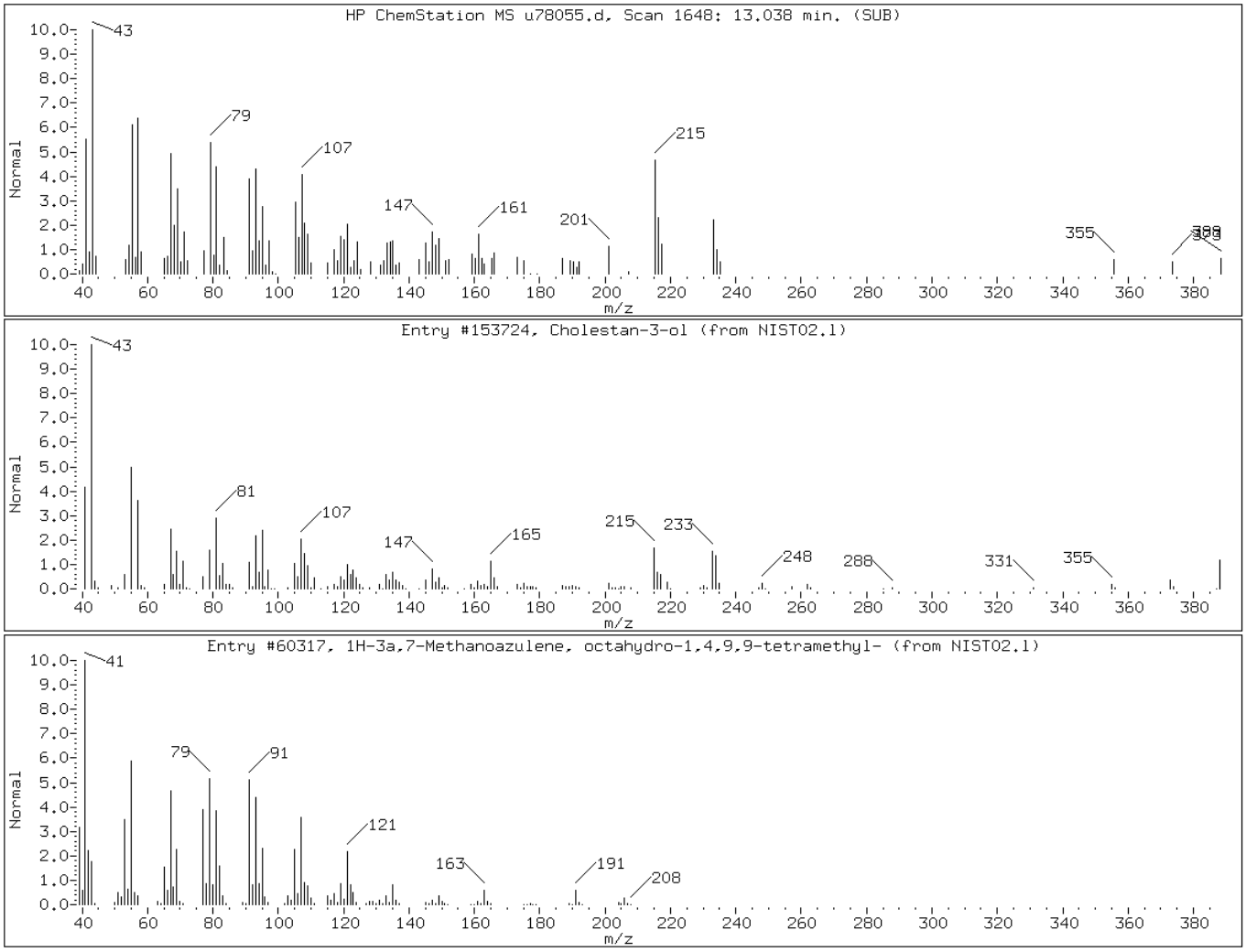
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 13.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol						
Cholestan-3-ol	27409-41-2	NIST02.l	153724	43	C27H48O	388
1H-3a,7-Methanoazulene, octahydro-	19078-35-4	NIST02.l	60317	38	C15H26	206



Data File: u78055.d

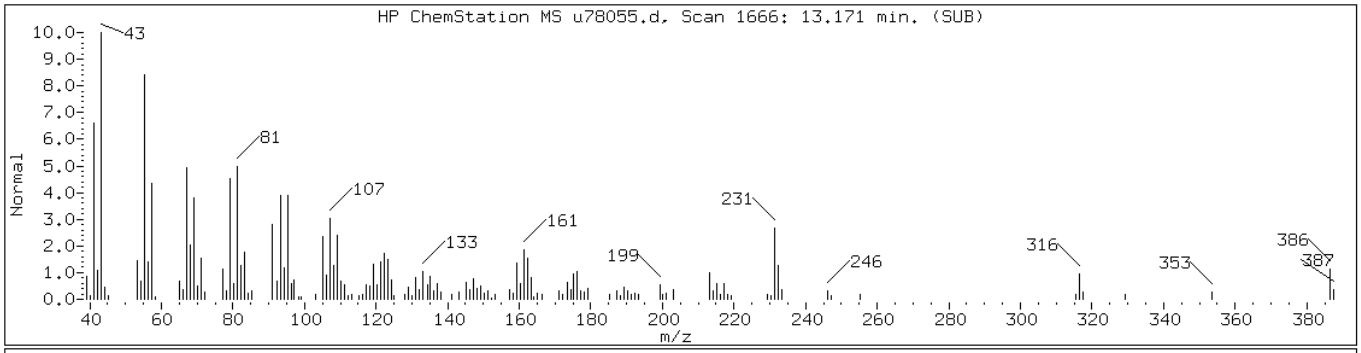
Date: 06-JUL-2012 18:44

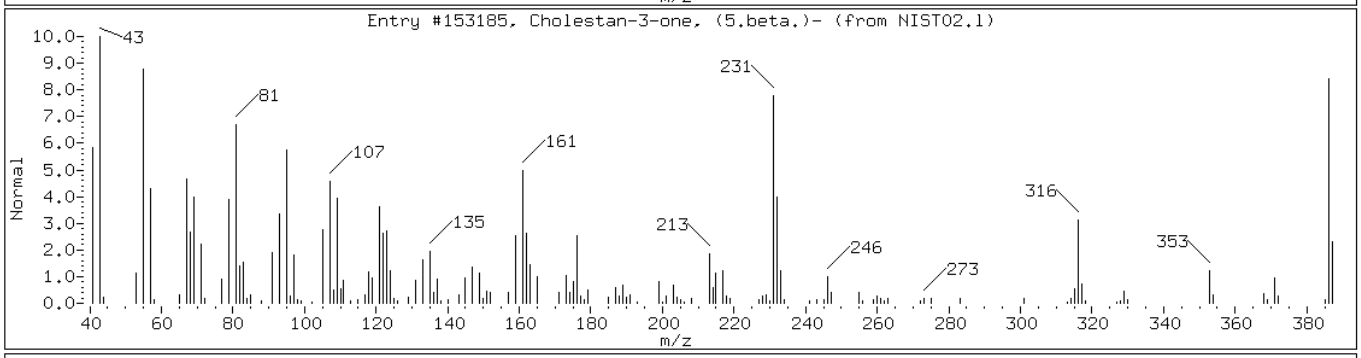
Client ID: F-19 Instrument: BNAMS4.i

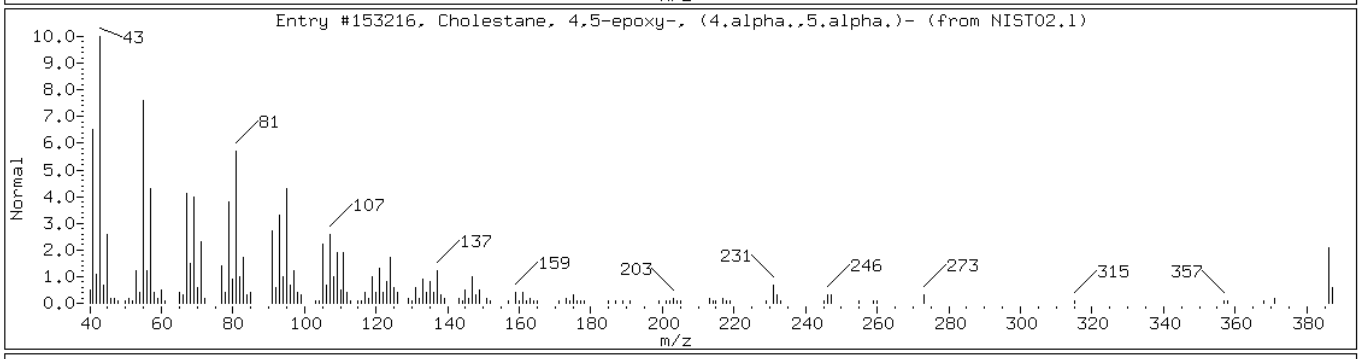
Sample Info: 460-41730-E-13-E Operator: BNAMS 4

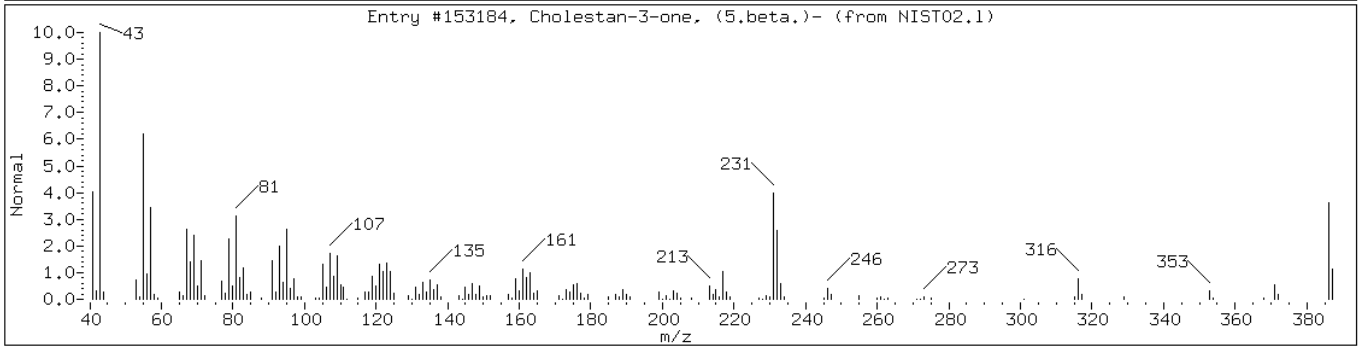
Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153185	98	C27H46O	386
Cholestane, 4,5-epoxy-, (4.alpha.,	6079-19-2	NIST02.l	153216	93	C27H46O	386
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153184	80	C27H46O	386









Data File: u78055.d

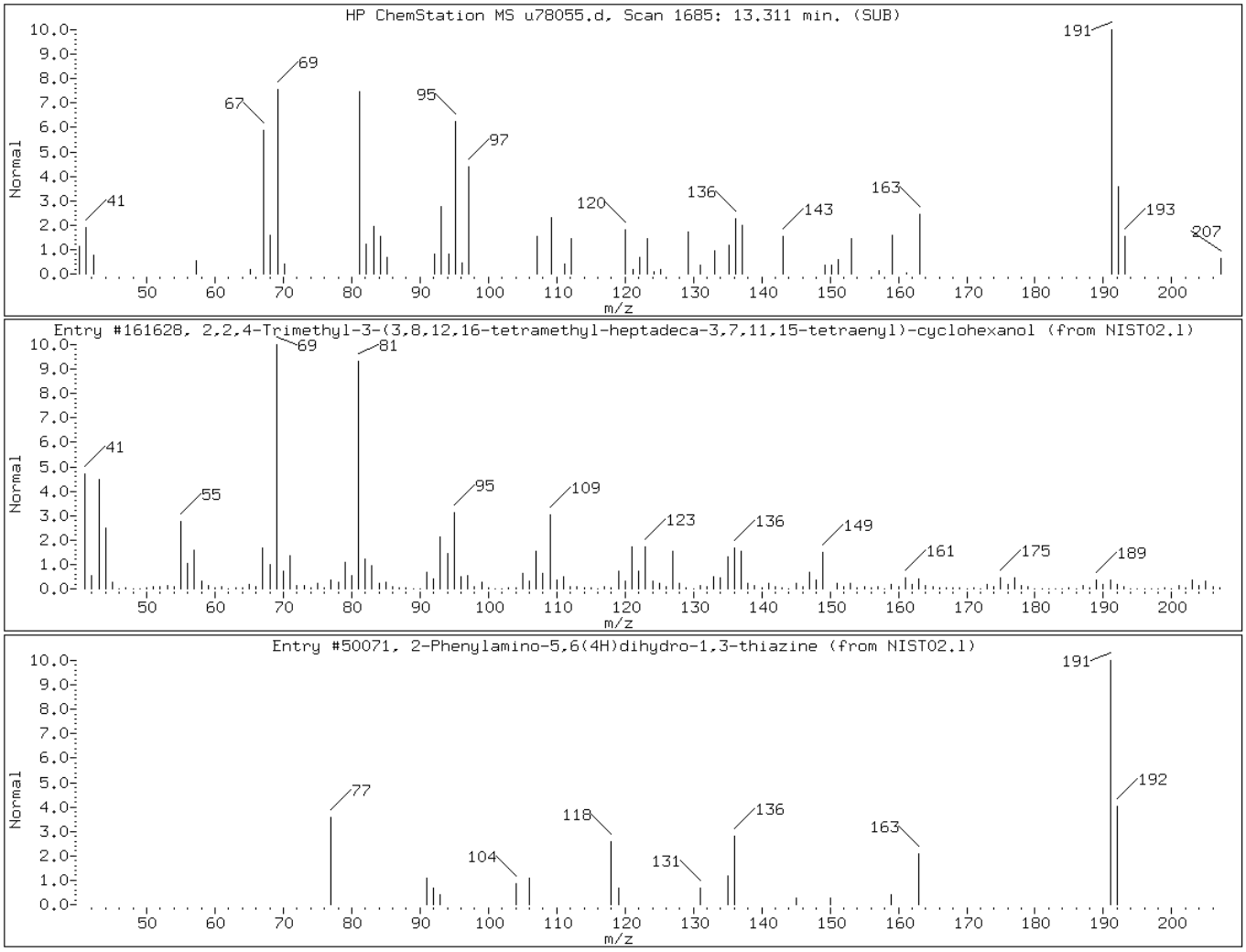
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 13.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2,2,4-Trimethyl-3-(3,8,12,16-tetra	1000194-01-4	NIST02.l	161628	32	C30H52O	428
2-Phenylamino-5,6(4H)dihydro-1,3-t	1000147-35-4	NIST02.l	50071	30	C10H12N2S	192



Data File: u78055.d

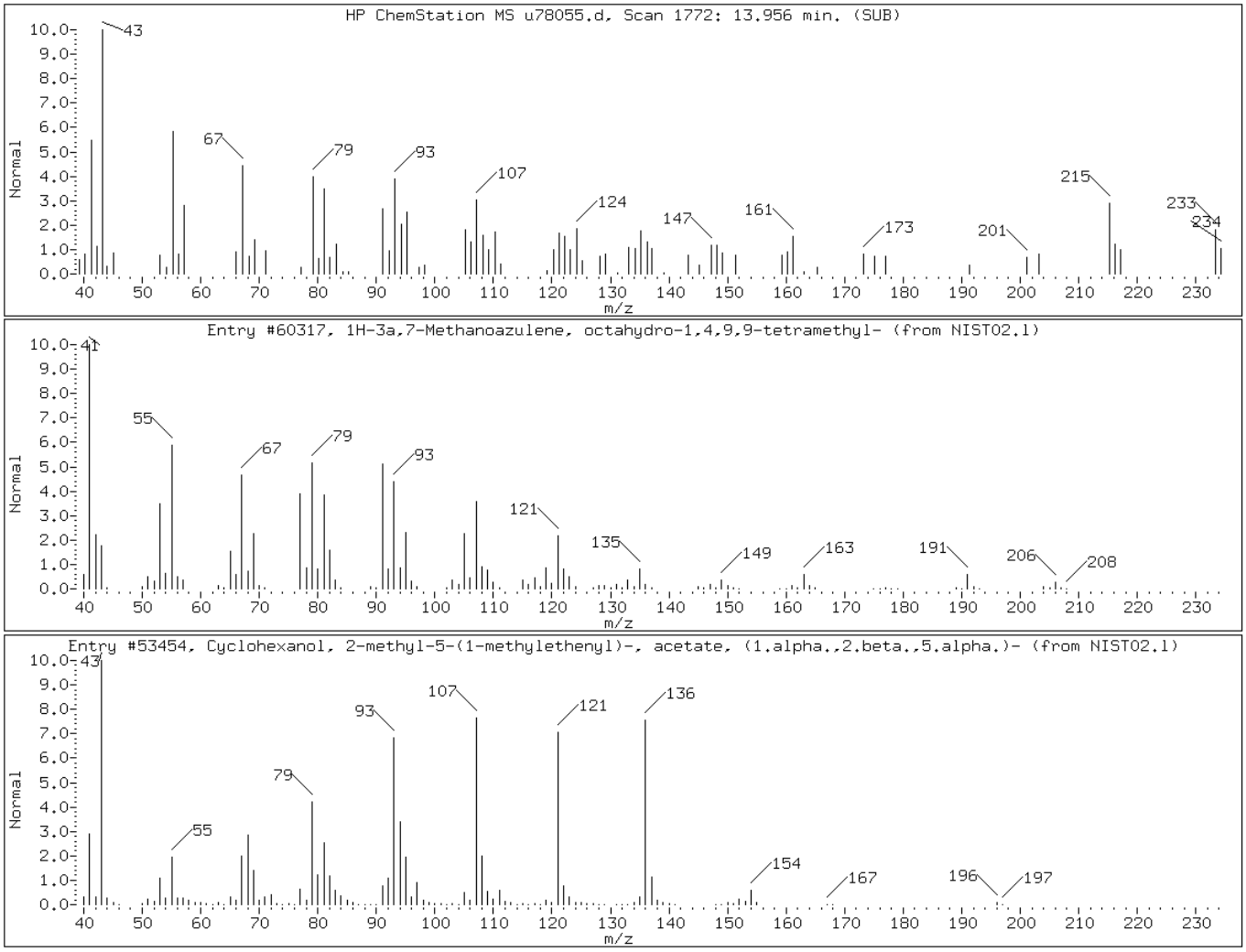
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 13.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1H-3a,7-Methanoazulene, octahydro-	19078-35-4	NIST02.l	60317	42	C15H26	206
Cyclohexanol, 2-methyl-5-(1-methyl	20777-49-5	NIST02.l	53454	38	C12H20O2	196



Data File: u78055.d

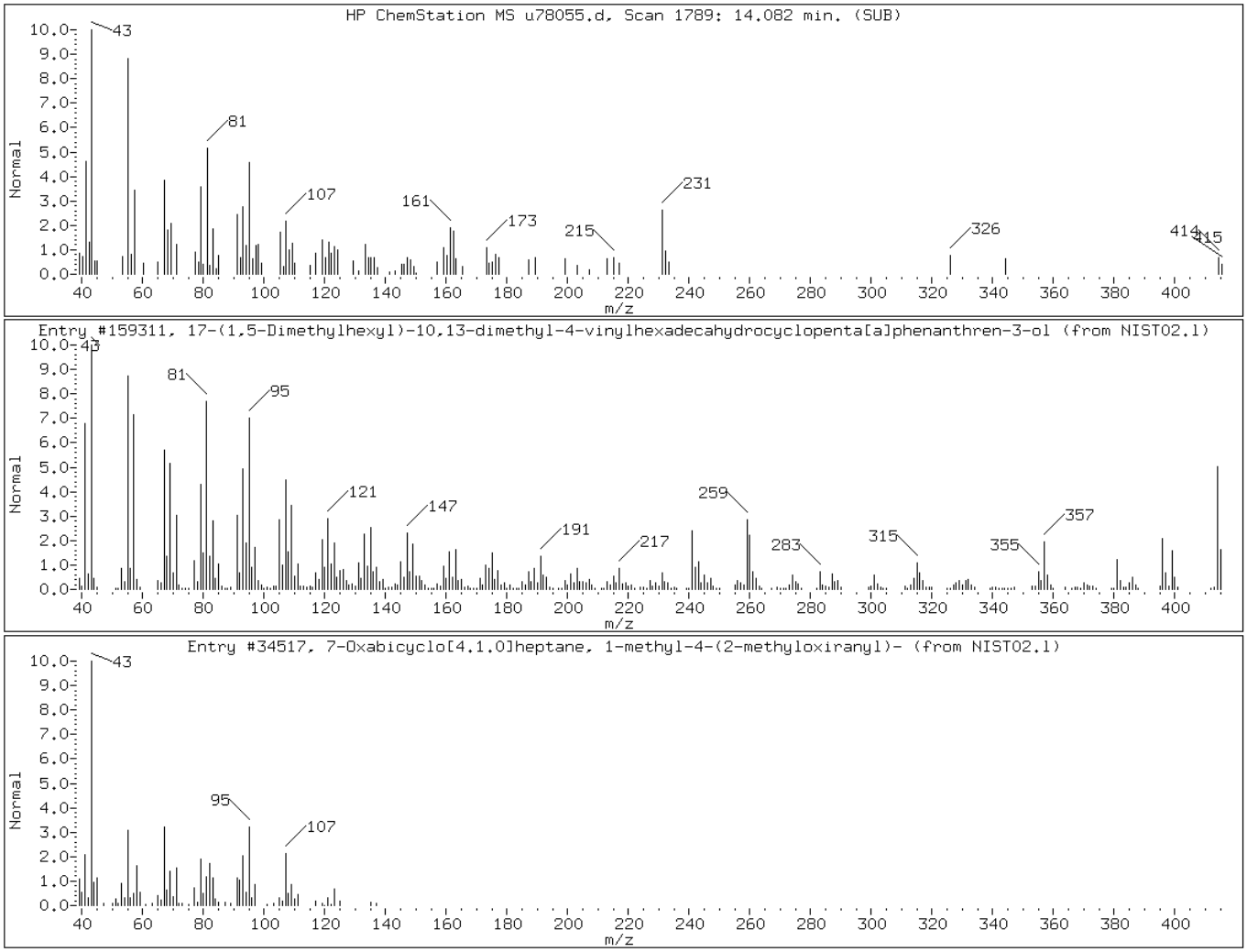
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 14.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
17-(1,5-Dimethylhexyl)-10,13-dimet	1000210-86-9	NIST02.l	159311	55	C29H50O	414
7-Oxabicyclo[4.1.0]heptane, 1-meth	96-08-2	NIST02.l	34517	50	C10H16O2	168



Data File: u78055.d

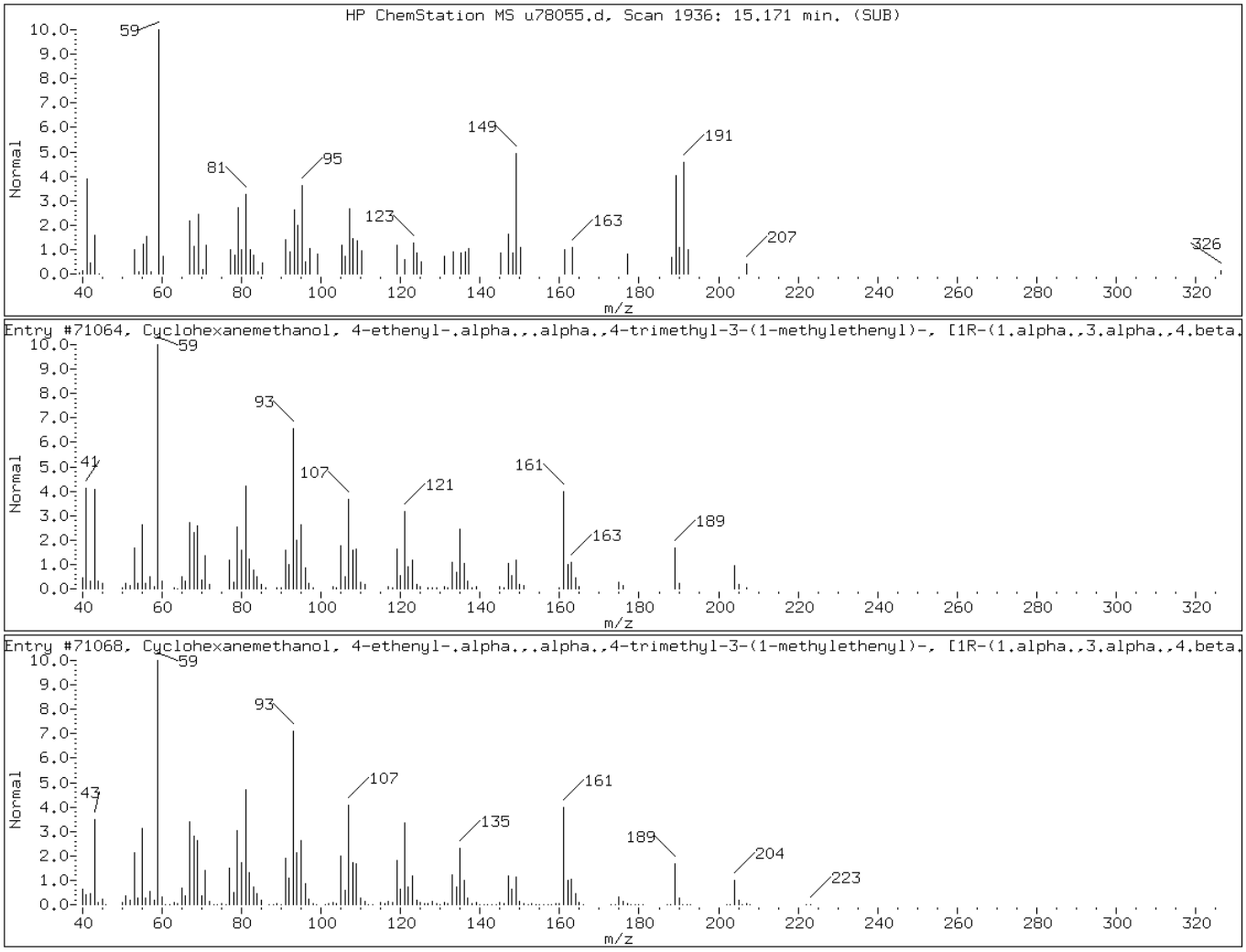
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 15.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Cyclohexanemethanol, 4-ethenyl-.al	639-99-6	NIST02.l	71064	43	C15H26O	222
Cyclohexanemethanol, 4-ethenyl-.al	639-99-6	NIST02.l	71068	32	C15H26O	222



Data File: u78055.d

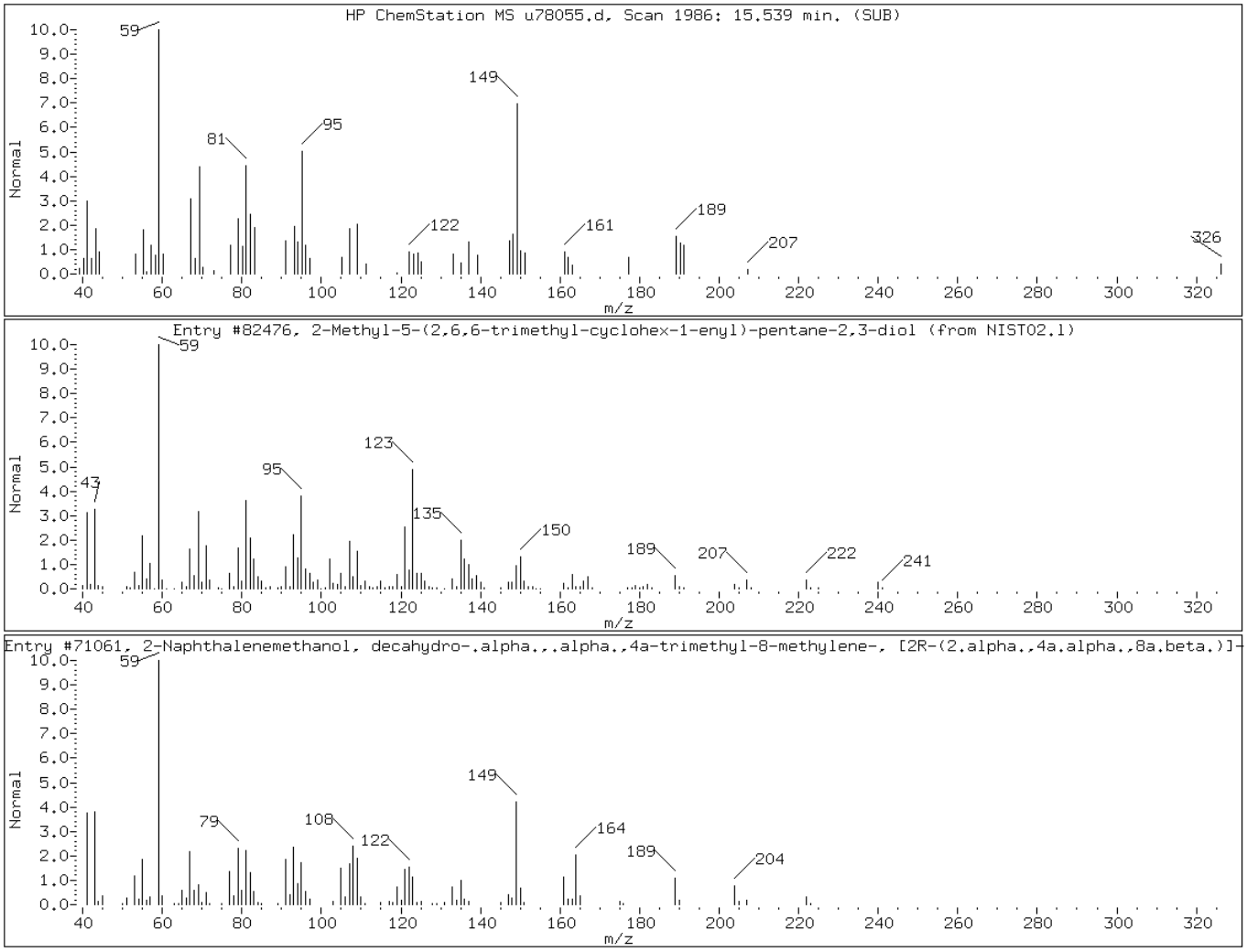
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 15.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
2-Methyl-5-(2,6,6-trimethyl-cycloh	60714-01-4	NIST02.l	82476	43	C15H28O2	240
2-Naphthalenemethanol, decahydro-.	473-15-4	NIST02.l	71061	40	C15H26O	222



Data File: u78055.d

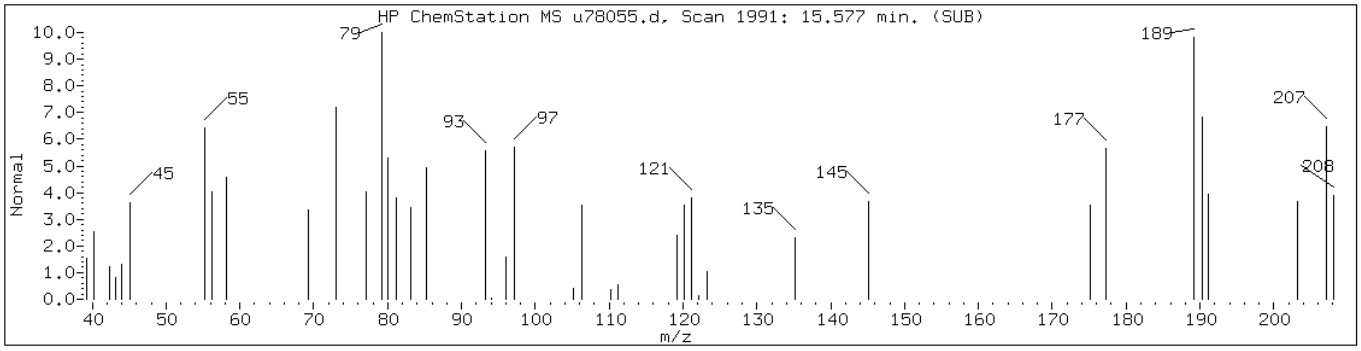
Date: 06-JUL-2012 18:44

Client ID: F-19 Instrument: BNAMS4.i

Sample Info: 460-41730-E-13-E Operator: BNAMS 4

Retention Time: 15.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Unknown						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: u78084.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/08/2012 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 119055 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	110	U	780	110
95-57-8	2-Chlorophenol	100	U	780	100
95-48-7	2-Methylphenol	130	U	780	130
106-44-5	4-Methylphenol	150	U	780	150
100-52-7	Benzaldehyde	92	U	780	92
98-86-2	Acetophenone	120	U	780	120
111-44-4	Bis(2-chloroethyl)ether	11	U	78	11
108-60-1	2,2'-oxybis[1-chloropropane]	87	U	780	87
621-64-7	N-Nitrosodi-n-propylamine	13	U	78	13
98-95-3	Nitrobenzene	11	U	78	11
67-72-1	Hexachloroethane	8.7	U	78	8.7
78-59-1	Isophorone	95	U	780	95
88-75-5	2-Nitrophenol	87	U	780	87
105-67-9	2,4-Dimethylphenol	190	U	780	190
120-83-2	2,4-Dichlorophenol	110	U	780	110
111-91-1	Bis(2-chloroethoxy)methane	100	U	780	100
91-20-3	Naphthalene	91	U	780	91
106-47-8	4-Chloroaniline	210	U	780	210
87-68-3	Hexachlorobutadiene	19	U	160	19
105-60-2	Caprolactam	180	U	780	180
59-50-7	4-Chloro-3-methylphenol	120	U	780	120
91-57-6	2-Methylnaphthalene	280	J	780	100
118-74-1	Hexachlorobenzene	11	U	78	11
77-47-4	Hexachlorocyclopentadiene	92	U	780	92
88-06-2	2,4,6-Trichlorophenol	92	U	780	92
95-95-4	2,4,5-Trichlorophenol	100	U	780	100
92-52-4	Diphenyl	100	U	780	100
91-58-7	2-Chloronaphthalene	87	U	780	87
88-74-4	2-Nitroaniline	330	U	1600	330
606-20-2	2,6-Dinitrotoluene	24	U	160	24
131-11-3	Dimethyl phthalate	93	U	780	93
208-96-8	Acenaphthylene	93	U	780	93
99-09-2	3-Nitroaniline	280	U	1600	280
83-32-9	Acenaphthene	110	U	780	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: u78084.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/08/2012 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 119055 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	500	U	2400	500
51-28-5	2,4-Dinitrophenol	450	U	2400	450
132-64-9	Dibenzofuran	95	J	780	92
84-66-2	Diethyl phthalate	93	U	780	93
86-73-7	Fluorene	100	J	780	100
206-44-0	Fluoranthene	180	J	780	100
84-74-2	Di-n-butyl phthalate	97	U	780	97
121-14-2	2,4-Dinitrotoluene	26	U	160	26
7005-72-3	4-Chlorophenyl phenyl ether	92	U	780	92
100-01-6	4-Nitroaniline	240	U	1600	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2400	210
101-55-3	4-Bromophenyl phenyl ether	78	U	780	78
1912-24-9	Atrazine	120	U	780	120
120-12-7	Anthracene	95	U	780	95
86-74-8	Carbazole	93	U	780	93
85-01-8	Phenanthrene	270	J	780	100
87-86-5	Pentachlorophenol	230	U	2400	230
129-00-0	Pyrene	220	J	780	66
218-01-9	Chrysene	180	J	780	91
207-08-9	Benzo[k]fluoranthene	5.9	U	78	5.9
191-24-2	Benzo[g,h,i]perylene	70	J	780	58
205-99-2	Benzo[b]fluoranthene	89		78	4.9
50-32-8	Benzo[a]pyrene	91		78	5.5
56-55-3	Benzo[a]anthracene	90		78	5.5
86-30-6	N-Nitrosodiphenylamine	77	U	780	77
85-68-7	Butyl benzyl phthalate	72	U	780	72
117-81-7	Bis(2-ethylhexyl) phthalate	260	U	780	260
117-84-0	Di-n-octyl phthalate	50	U	780	50
193-39-5	Indeno[1,2,3-cd]pyrene	65	J	78	15
53-70-3	Dibenz(a,h)anthracene	9.9	U	78	9.9
91-94-1	3,3'-Dichlorobenzidine	270	U	1600	270
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U *	780	110
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	780	100
123-91-1	1,4-Dioxane	57	U	780	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: u78084.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/08/2012 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 119055 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	62		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: u78084.d

Analysis Method: 8270C | Date Collected: 06/25/2012 13:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/08/2012 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 119055 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 551000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	7.50	4100	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	8.92	17000	J N
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	9.22	8700	J N
	Unknown Alkane-5	10.52	4700	J
	Unknown Alkane-6	11.00	3600	J
	Unknown Alkane-7	11.38	4800	J
	Unknown-1	12.20	3700	J
7616-22-0	.gamma.-Tocopherol	12.87	4300	J N
360-68-9	Cholestan-3-ol, (3.beta.,5.beta.)-	13.15	200000	J N
15600-08-5	Cholestan-3-one	13.33	150000	J N
	Unknown Sterol-1	13.47	12000	J
17608-41-2	Cholestan-3.beta.-ol	13.57	8900	J N
	Unknown-2	13.72	15000	J
601-54-7	Cholest-5-en-3-one	13.81	6400	J N
	Unknown-3	13.86	5000	J
	Unknown Sterol-2	14.01	62000	J
	Unknown-4	14.08	7000	J
1000210-86-9	17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	14.17	25000	J N
	Unknown Sterol-3	14.23	5400	J
	Unknown Sterol-4	14.38	3400	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78084.d
Report Date: 09-Jul-2012 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78084.d
Lab Smp Id: 460-41730-E-14-E Client Smp ID: F-20
Inj Date : 08-JUL-2012 09:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-14-E
Misc Info : 460-41730-E-14-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/8270C_11.m
Meth Date : 08-Jul-2012 01:09 wahied Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 27
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	15.56886	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	2.213	2.204	(0.644)	197327	32.2654	5100
$	17 Phenol-d5 (SUR)	99	3.118	3.146	(0.906)	358238	33.8952	5300
	113 n-decane	43	3.300	3.309	(0.959)	3085	0.30505	48(a)
*	79 1,4-Dichlorobenzene-d4	152	3.439	3.442	(1.000)	199578	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	4.022	4.043	(0.846)	204043	16.1270	2500
*	80 Naphthalene-d8	136	4.753	4.760	(1.000)	712990	40.0000	
	31 Naphthalene	128	4.768	4.782	(1.003)	7182	0.40414	64(a)
	34 2-Methylnaphthalene	142	5.479	5.491	(1.153)	22561	1.79468	280(a)
	120 1-Methylnaphthalene	142	5.576	5.586	(1.173)	13631	1.01382	160(a)
$	77 2-Fluorobiphenyl (SUR)	172	5.858	5.877	(0.899)	247186	18.5751	2900
	125 1,3-Dimethylnaphthalene	156	6.185	6.200	(0.949)	33599	3.91884	620(a)
*	82 Acenaphthene-d10	164	6.514	6.523	(1.000)	387325	40.0000	
	43 Dibenzofuran	168	6.714	6.730	(1.031)	9593	0.60485	95(a)

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78084.d
Report Date: 09-Jul-2012 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	47 Fluorene	166	7.045	7.063	(1.082)	8700	0.65840	100(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.296	7.305	(1.120)	87318	29.2882	4600
	115 n-Octadecane	57	7.921	7.933	(0.995)	32313	3.86006	610(a)
*	83 Phenanthrene-d10	188	7.963	7.978	(1.000)	509983	40.0000	
	52 Phenanthrene	178	7.984	8.000	(1.003)	23718	1.69891	270(a)
	53 Anthracene	178	8.032	8.053	(1.009)	6200	0.45048	71(a)
	56 Fluoranthene	202	9.152	9.157	(1.149)	16459	1.11712	180(a)
	57 Pyrene	202	9.361	9.372	(0.885)	20680	1.40602	220(a)
$	78 Terphenyl-d14	244	9.543	9.542	(0.902)	179192	15.4052	2400
	61 Benzo(a)anthracene	228	10.563	10.557	(0.999)	7566	0.56995	90(M)
*	81 Chrysene-d12	240	10.577	10.571	(1.000)	459471	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.640	10.636	(1.006)	10125	1.03923	160(a)
	62 Chrysene	228	10.598	10.606	(1.002)	13234	1.11128	180(a)
	65 Benzo(b)fluoranthene	252	11.793	11.777	(0.966)	9701	0.56122	88(M)
	67 Benzo(a)pyrene	252	12.182	12.167	(0.992)	7857	0.57682	91(M)
*	84 Perylene-d12	264	12.274	12.233	(1.000)	568106	40.0000	(H)
	68 Indeno(1,2,3-cd)pyrene	276	13.664	13.575	(1.113)	4550	0.41411	65(aM)
	70 Benzo(g,h,i)perylene	276	13.982	13.899	(1.146)	5441	0.44042	70(aH)

QC Flag Legend

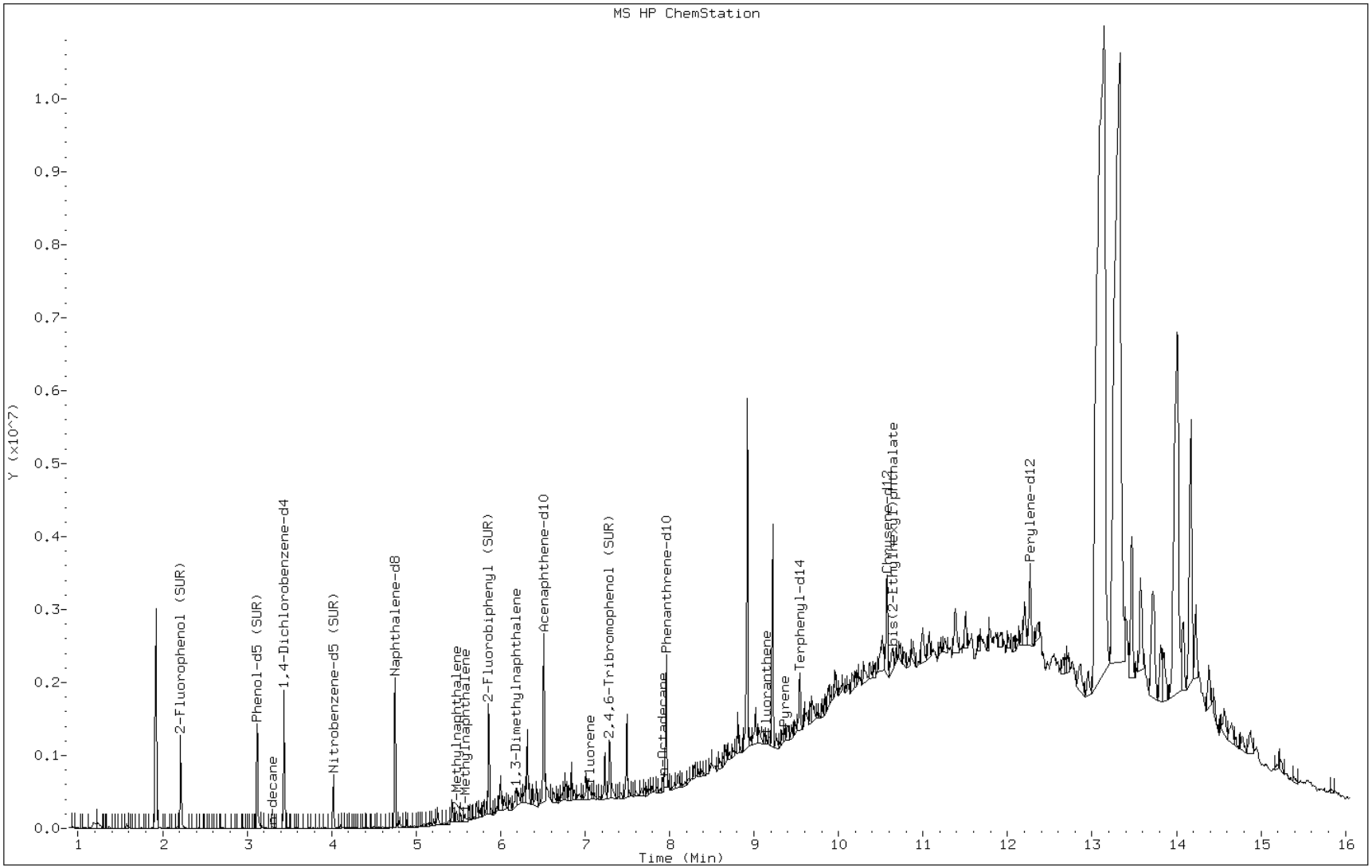
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4



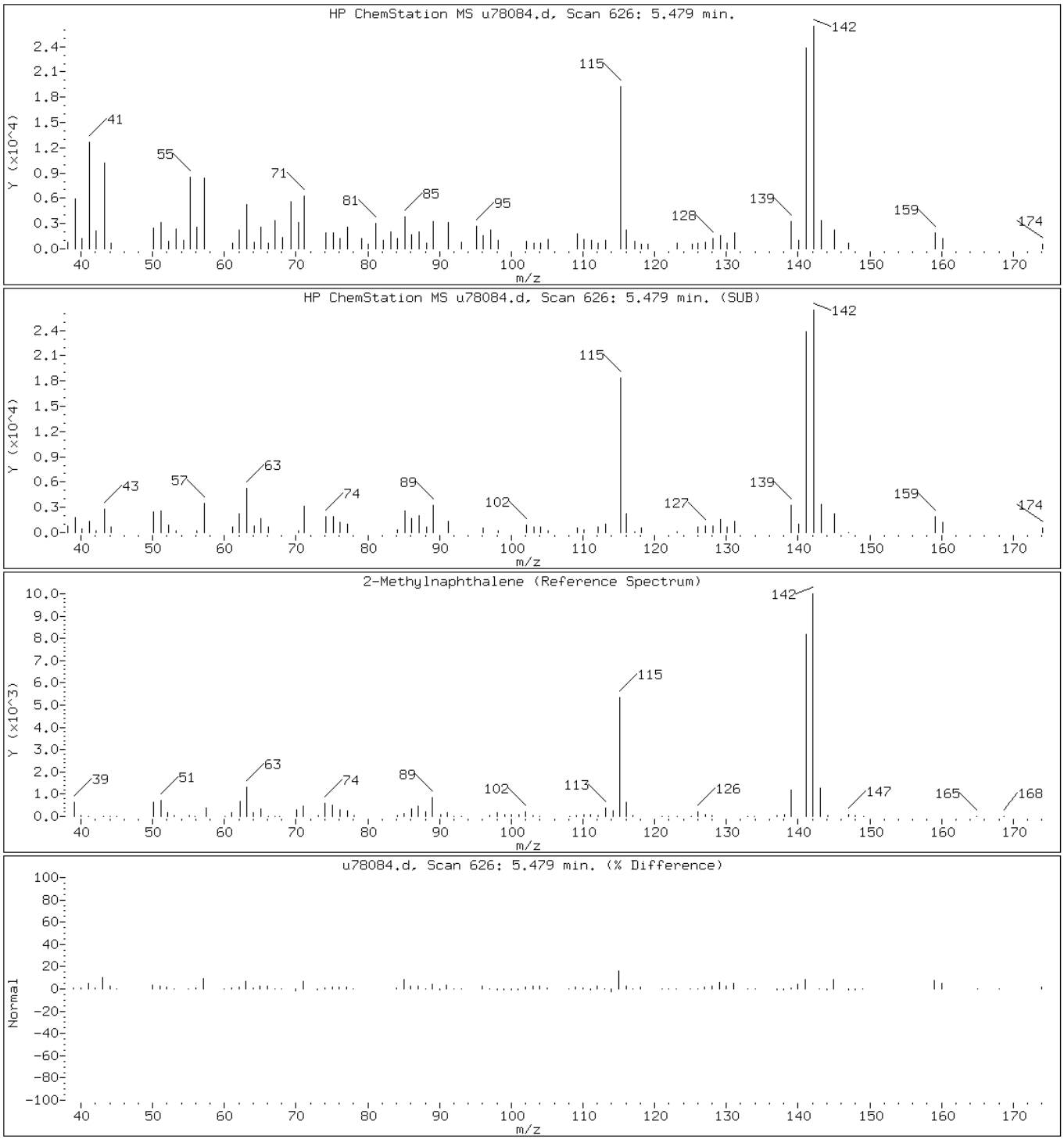
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

34 2-Methylnaphthalene



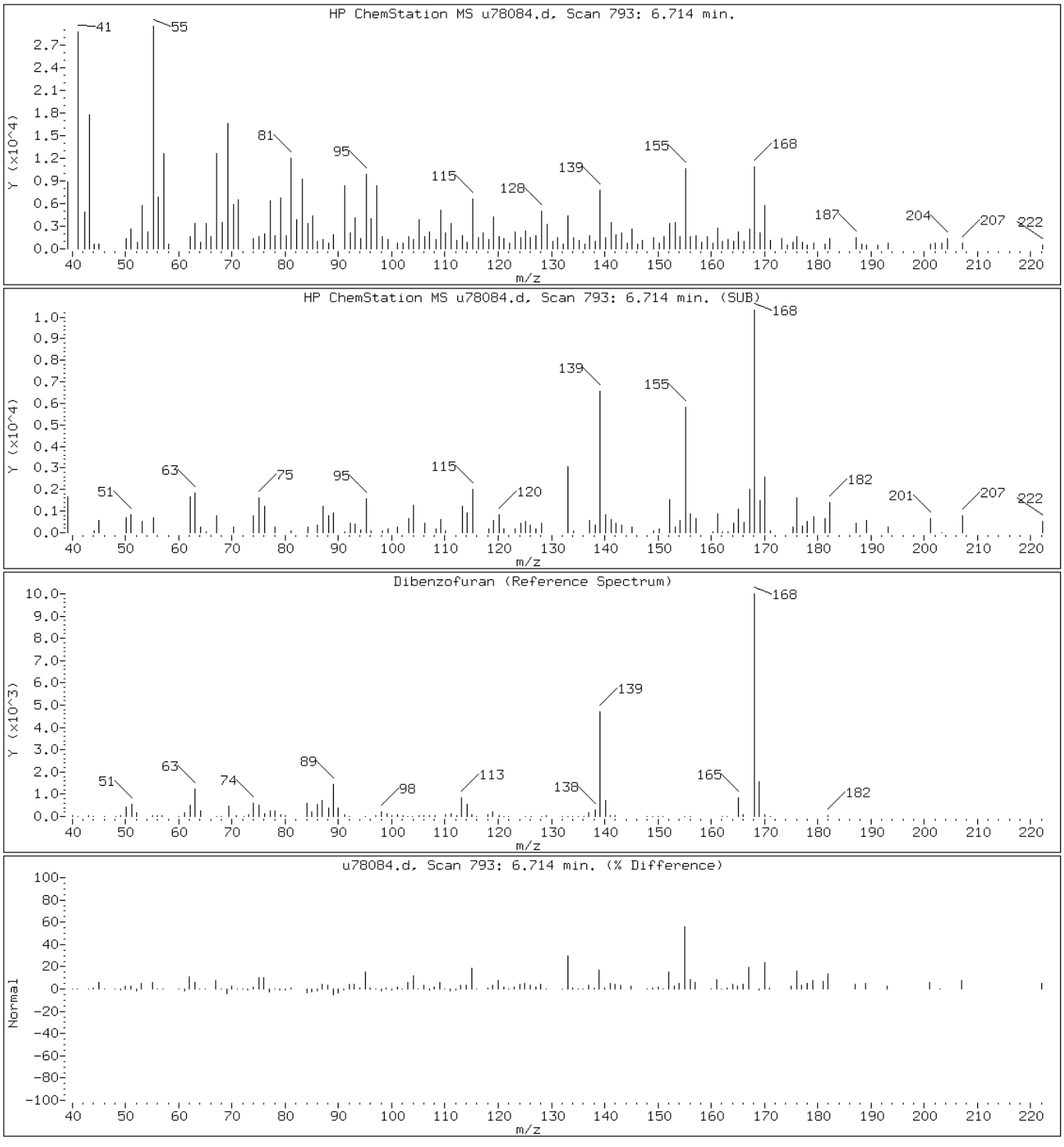
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

43 Dibenzofuran



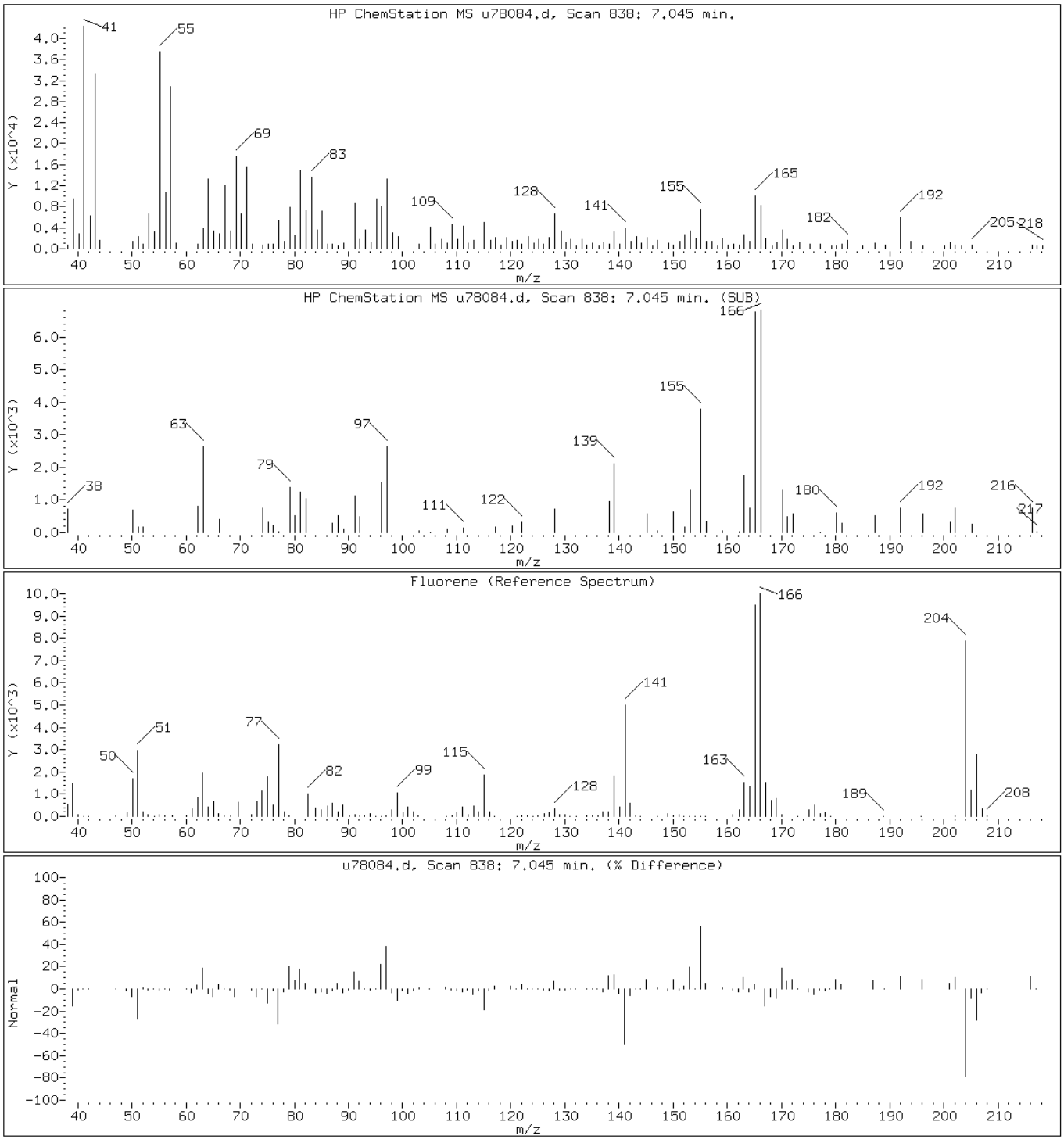
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

47 Fluorene



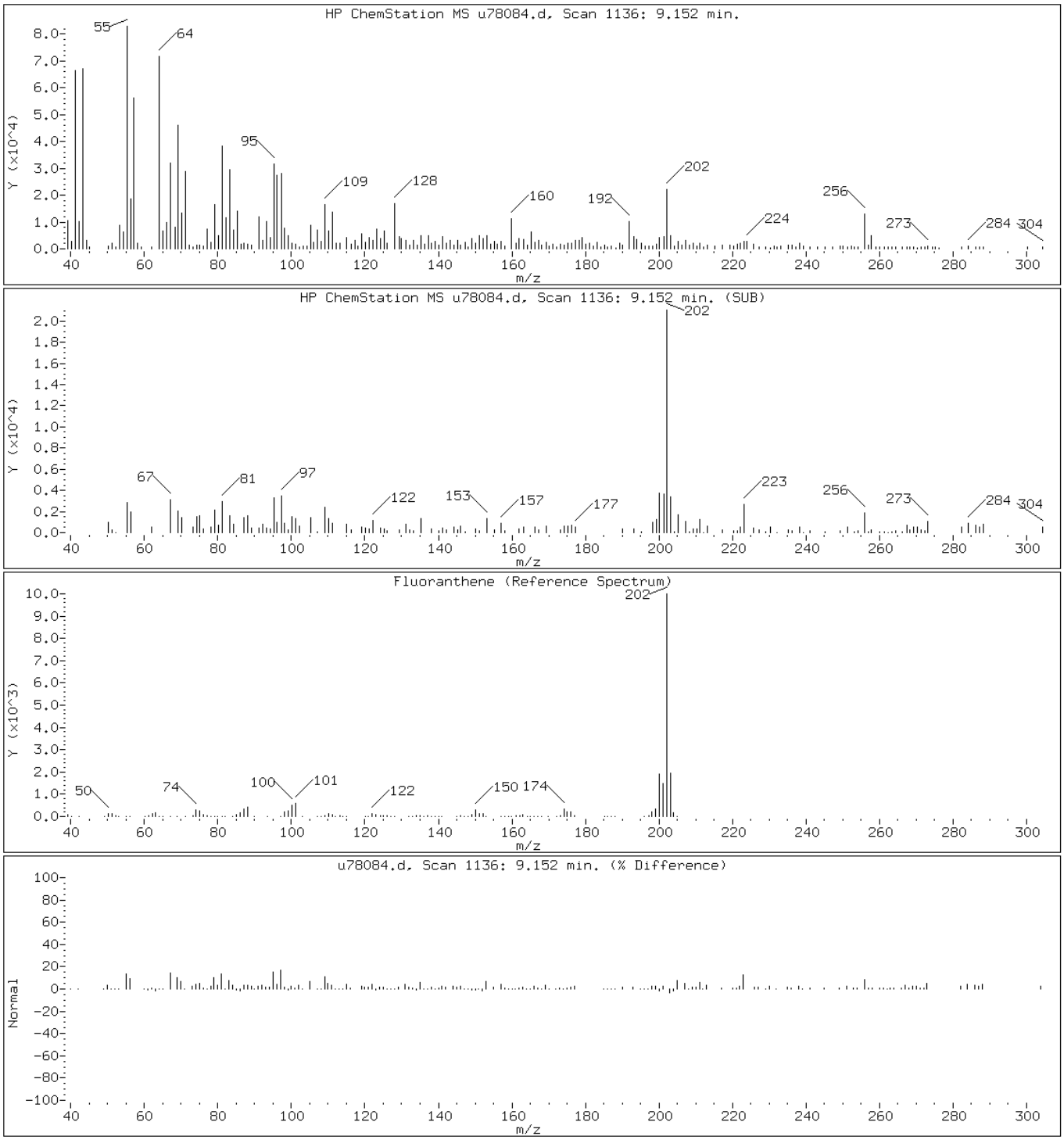
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

56 Fluoranthene



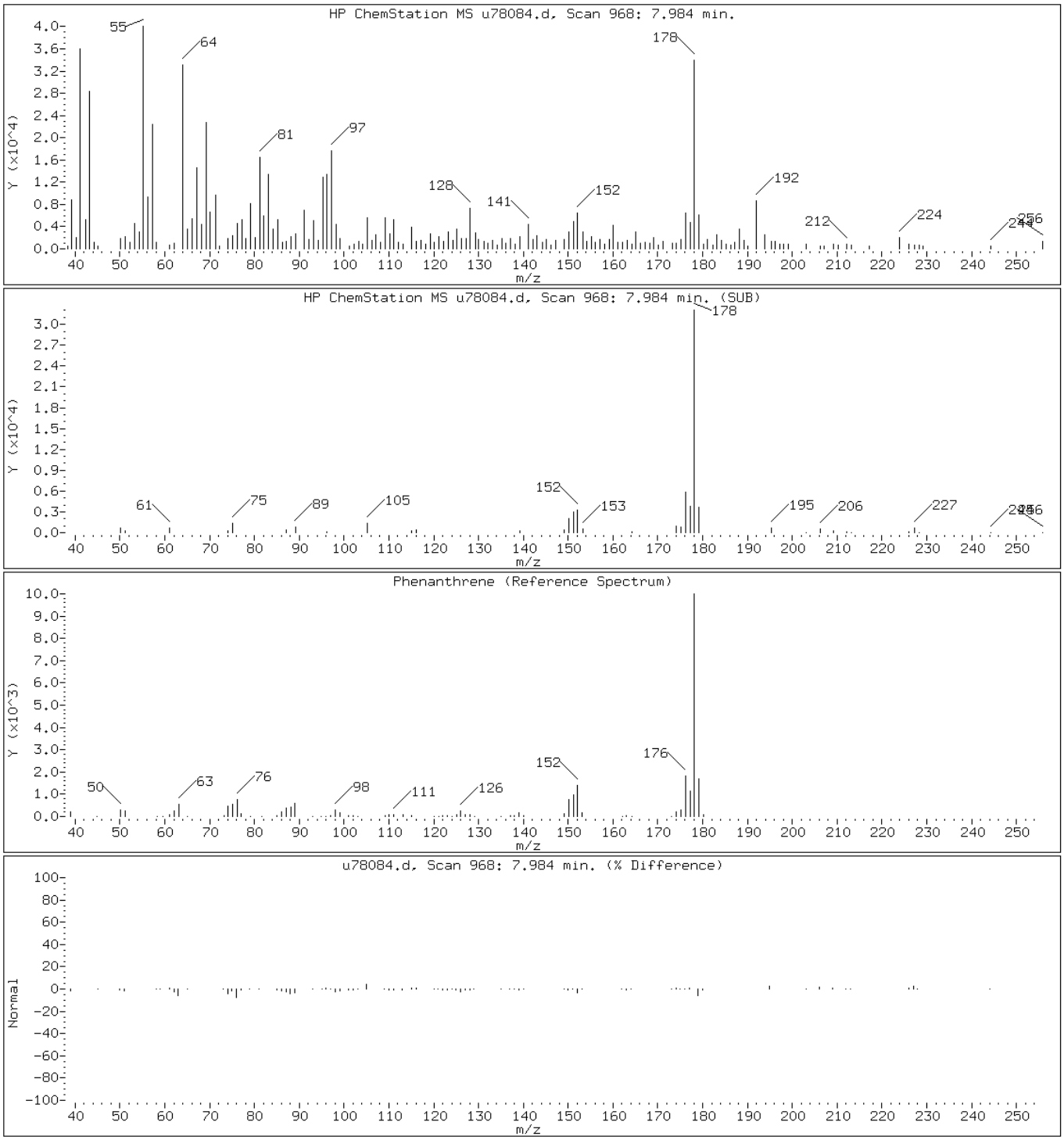
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

52 Phenanthrene



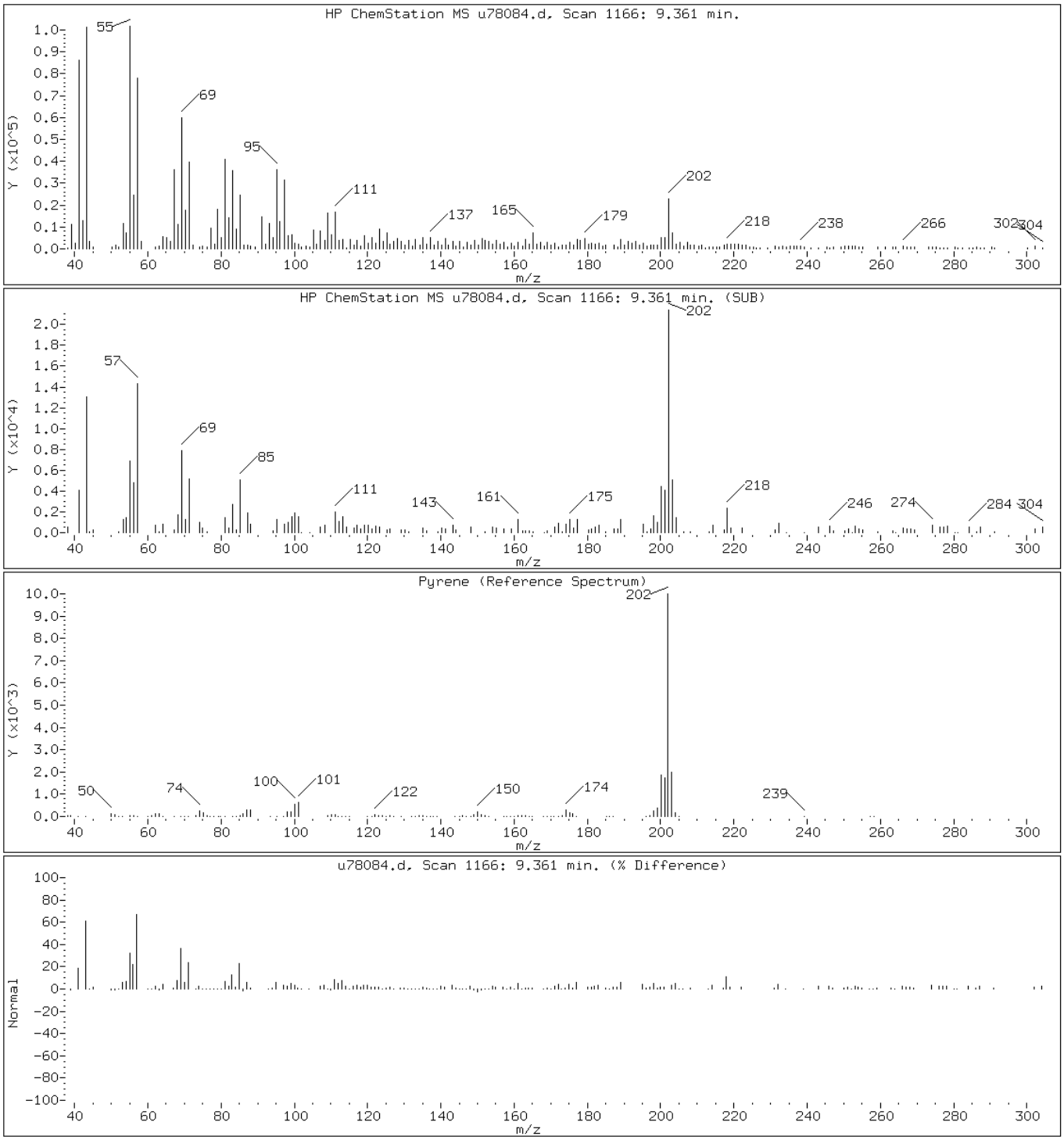
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

57 Pyrene



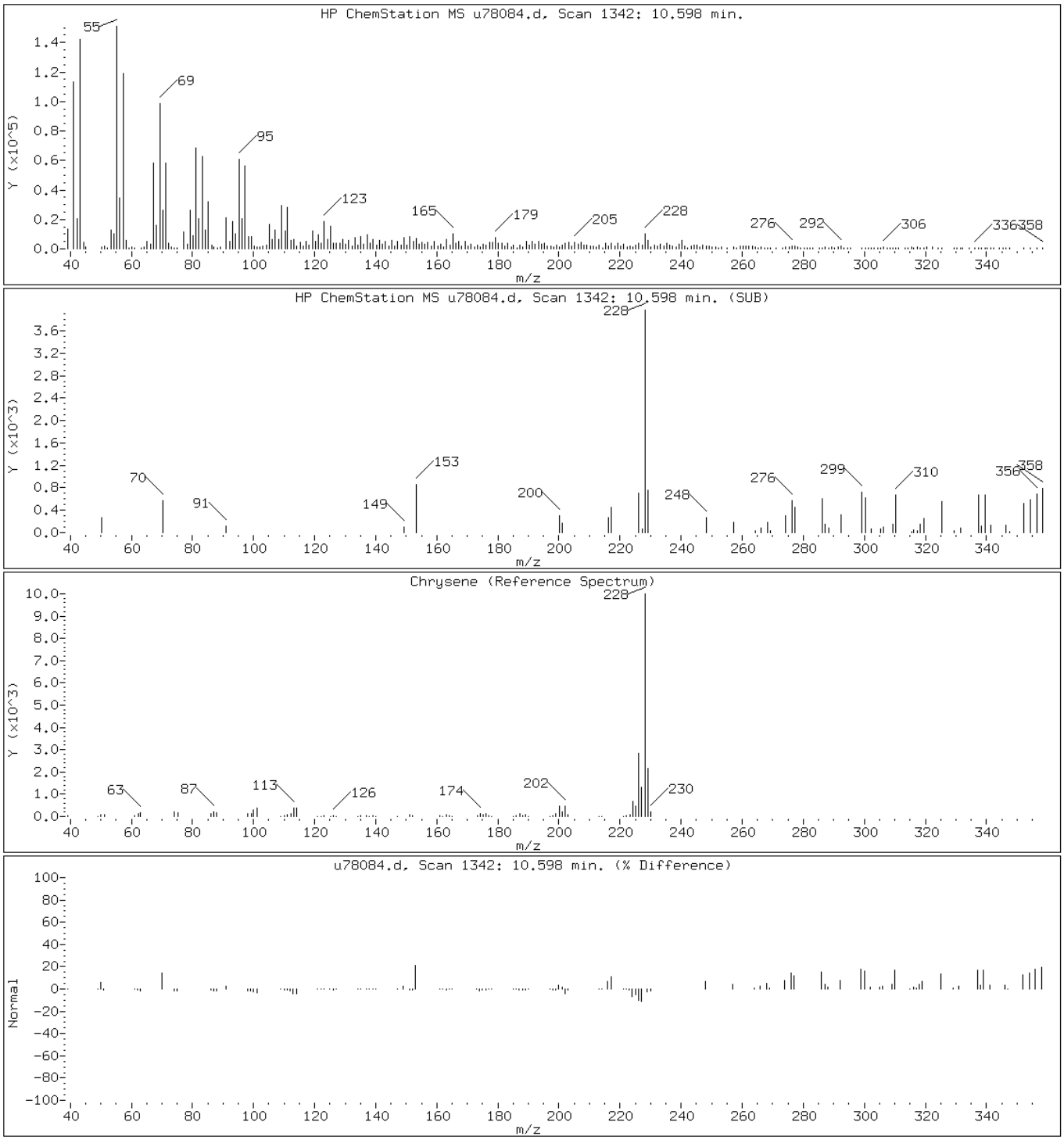
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

62 Chrysene



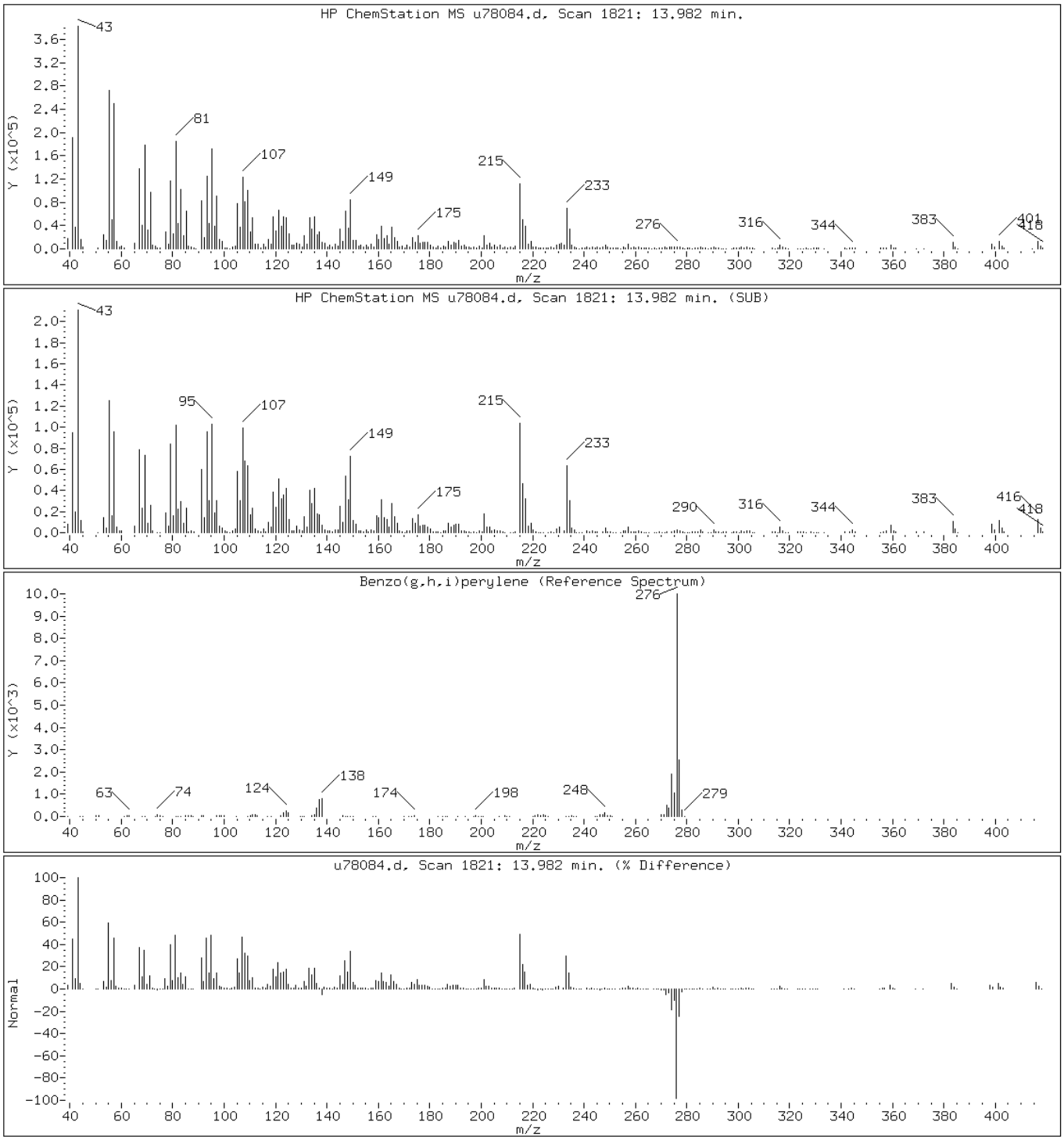
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

70 Benzo(g,h,i)perylene



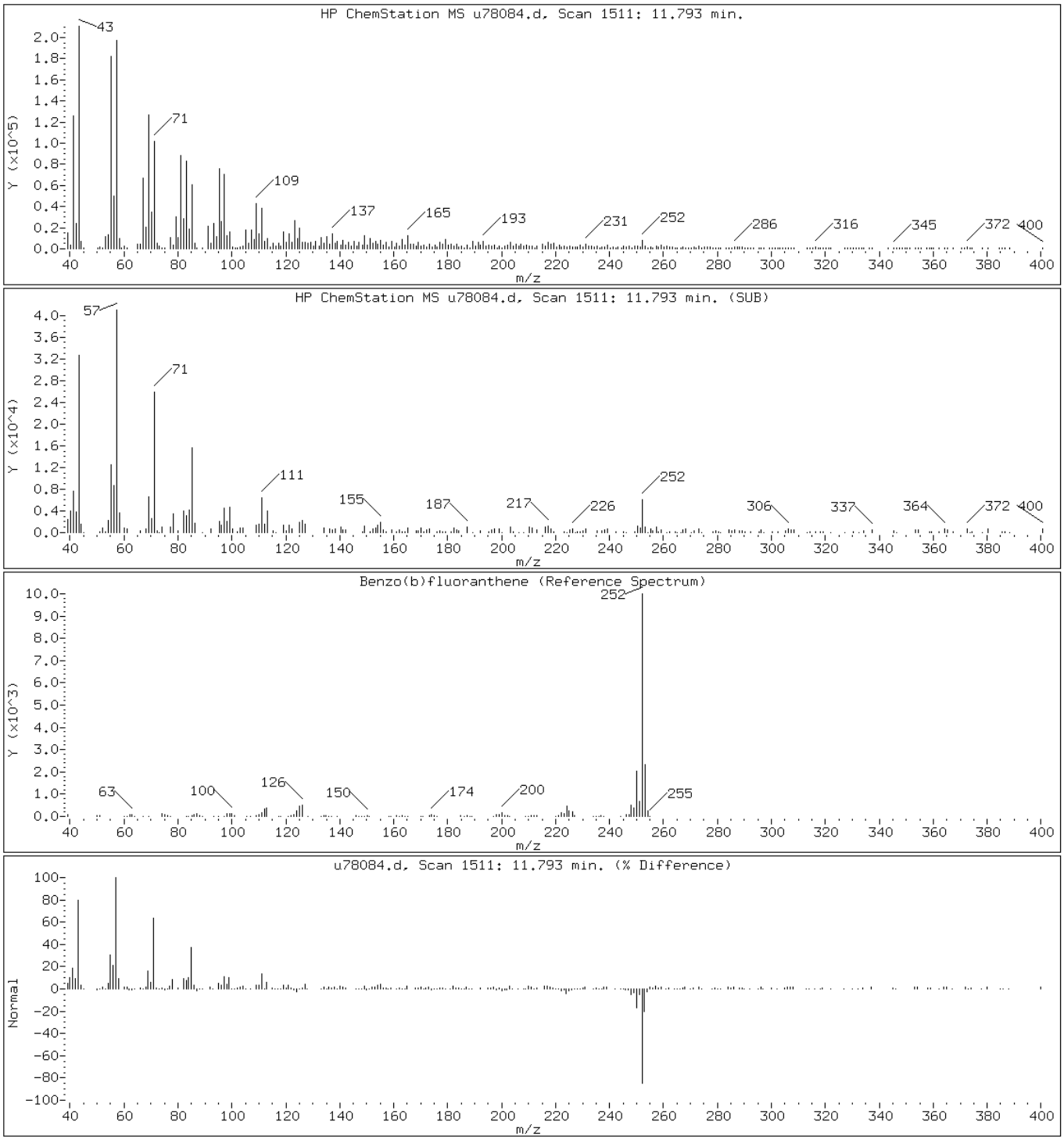
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

65 Benzo(b)fluoranthene



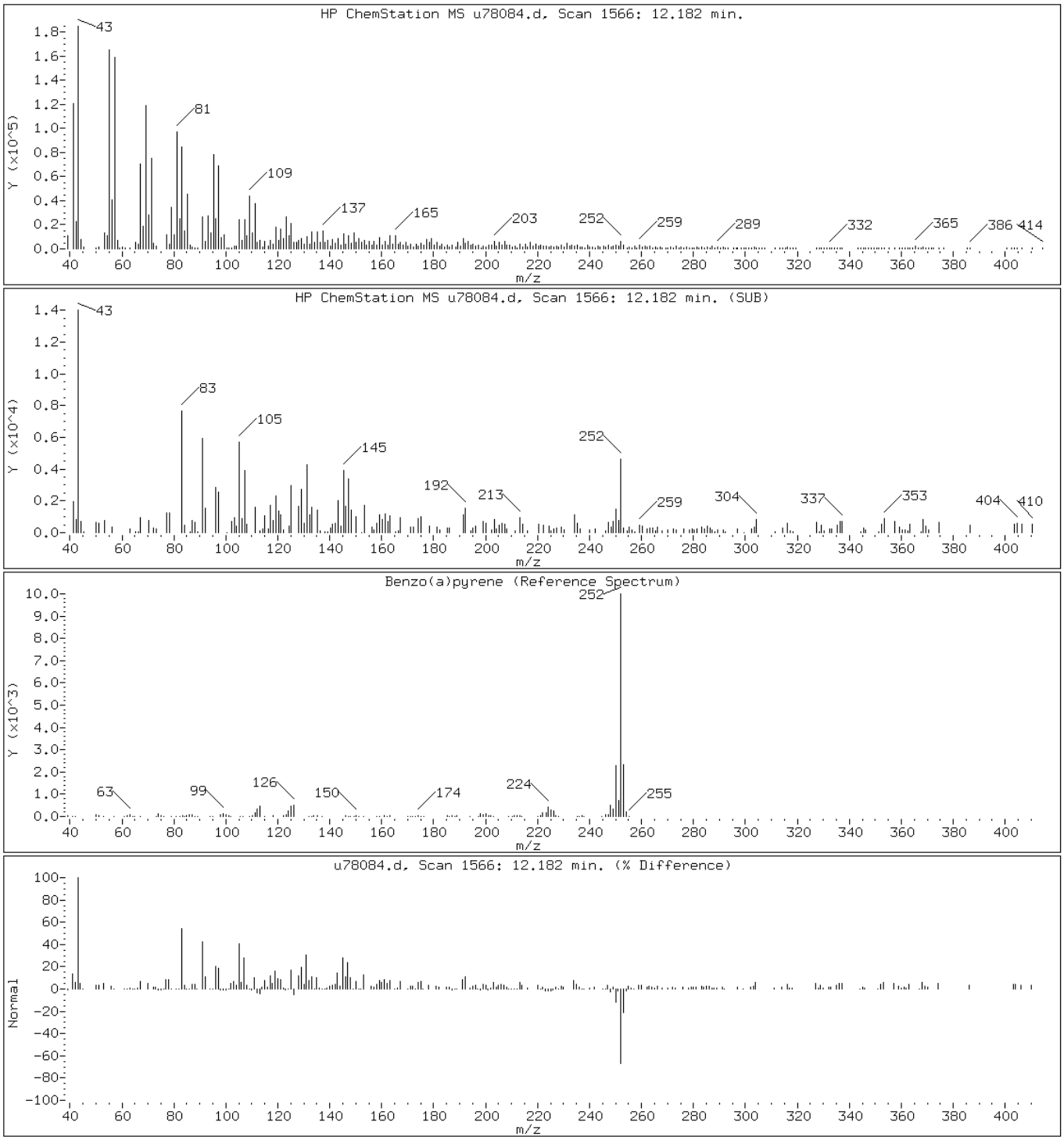
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

67 Benzo(a)pyrene



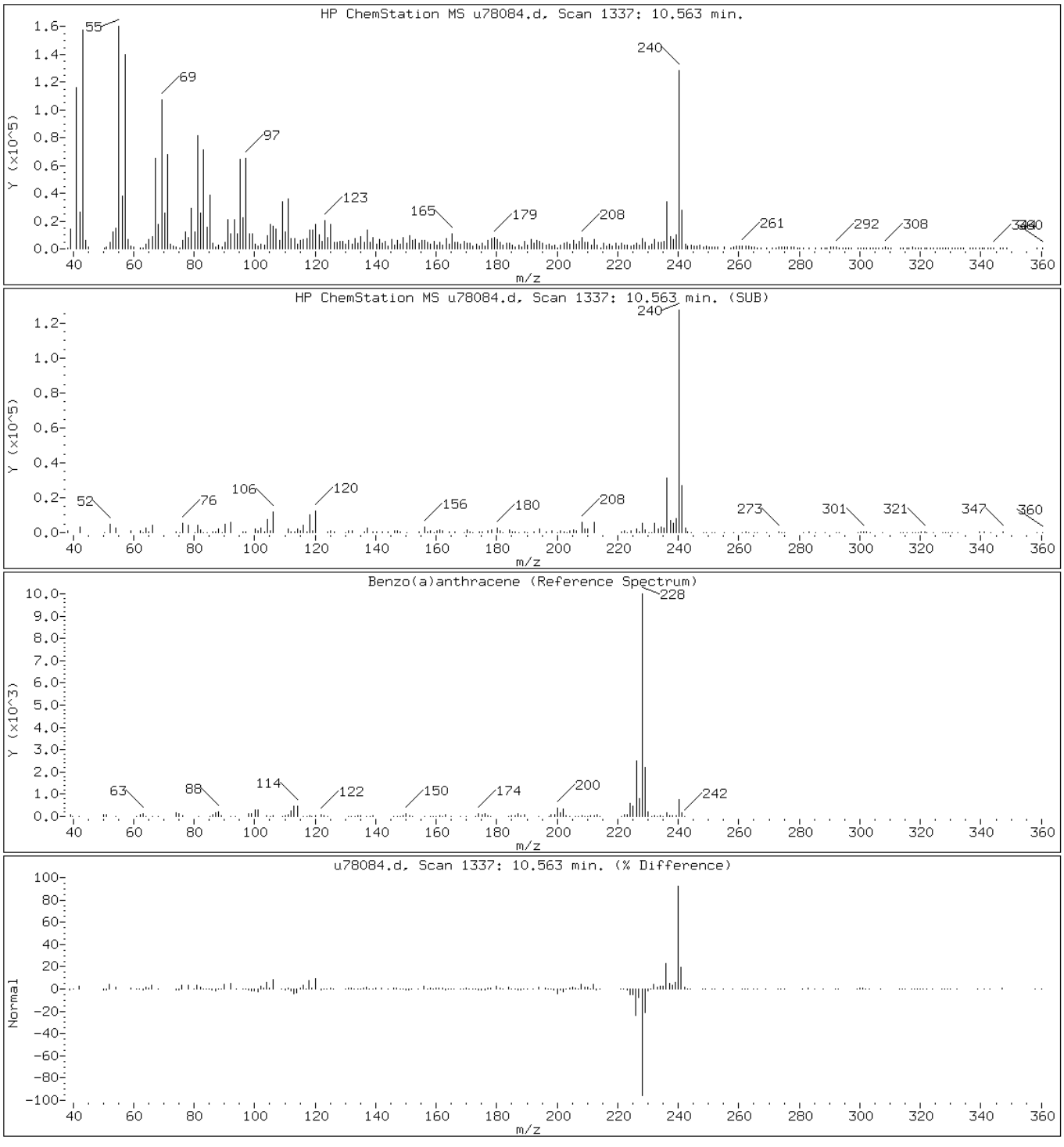
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

61 Benzo(a)anthracene



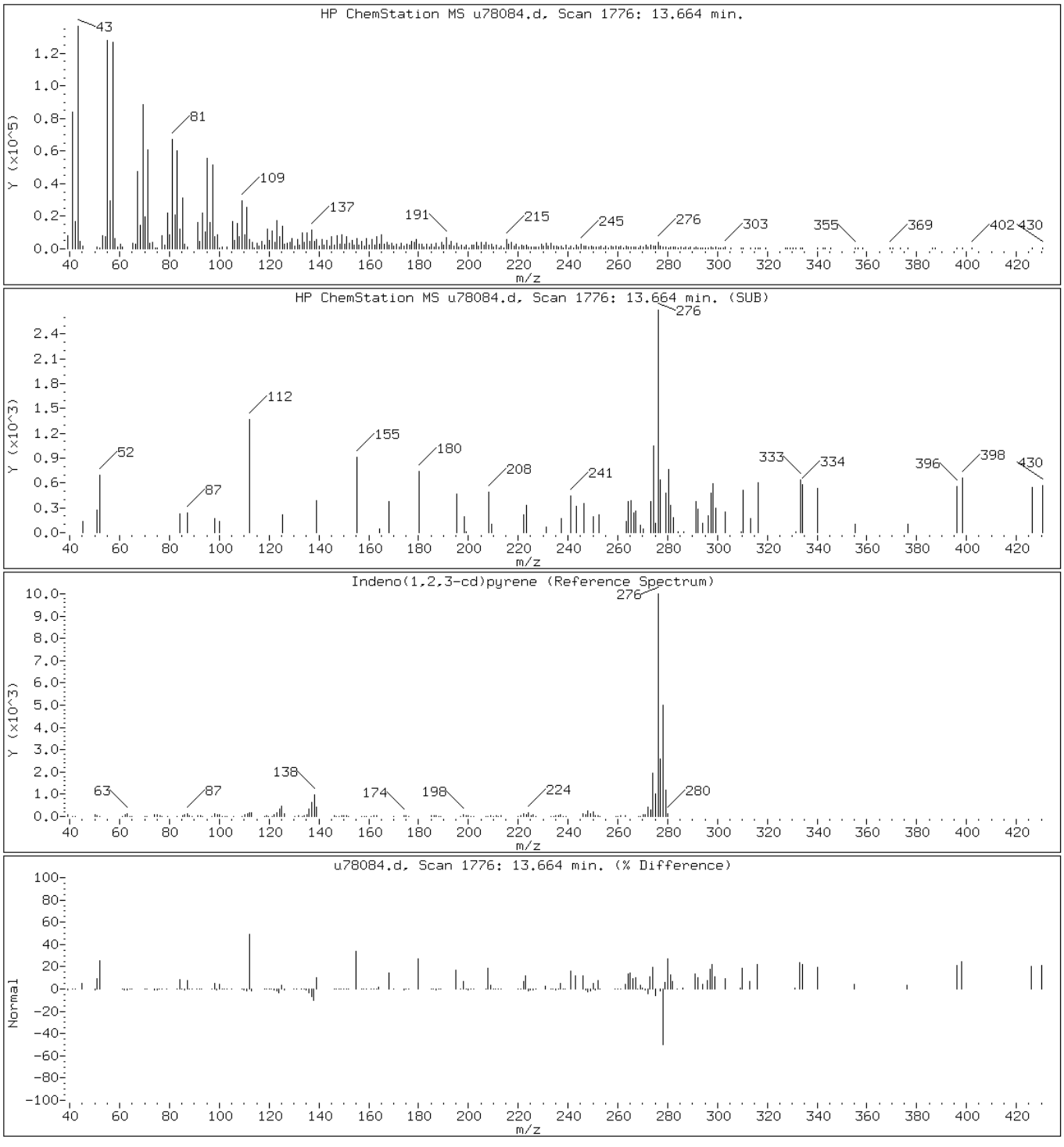
Data File: u78084.d

Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Manual Integration Report

Data File: u78084.d
Inj. Date and Time: 08-JUL-2012 09:43
Instrument ID: BNAMS4.i
Client ID: F-20
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 07/09/2012

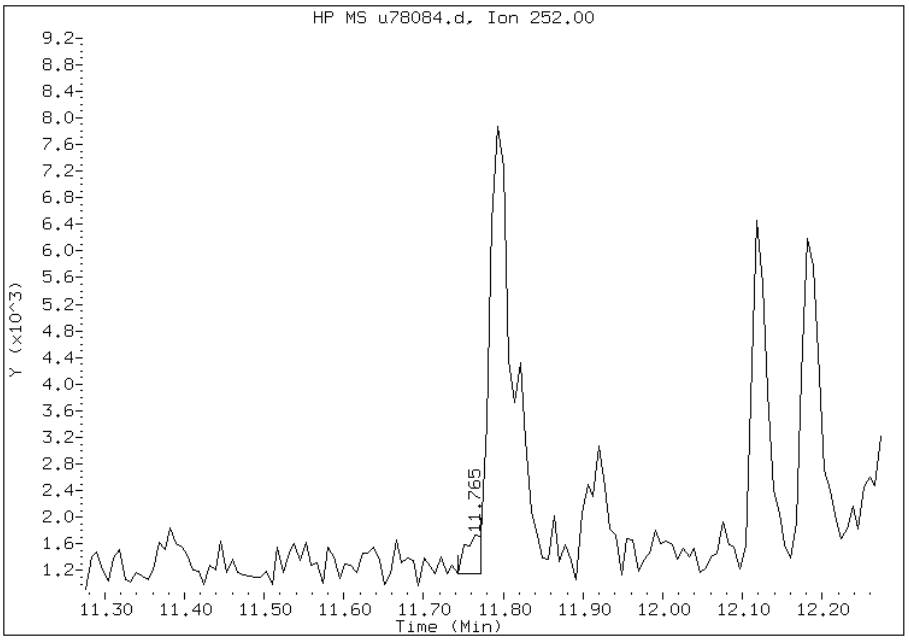
Processing Integration Results

RT: 11.76

Response: 846

Amount: 120

Conc: 18970



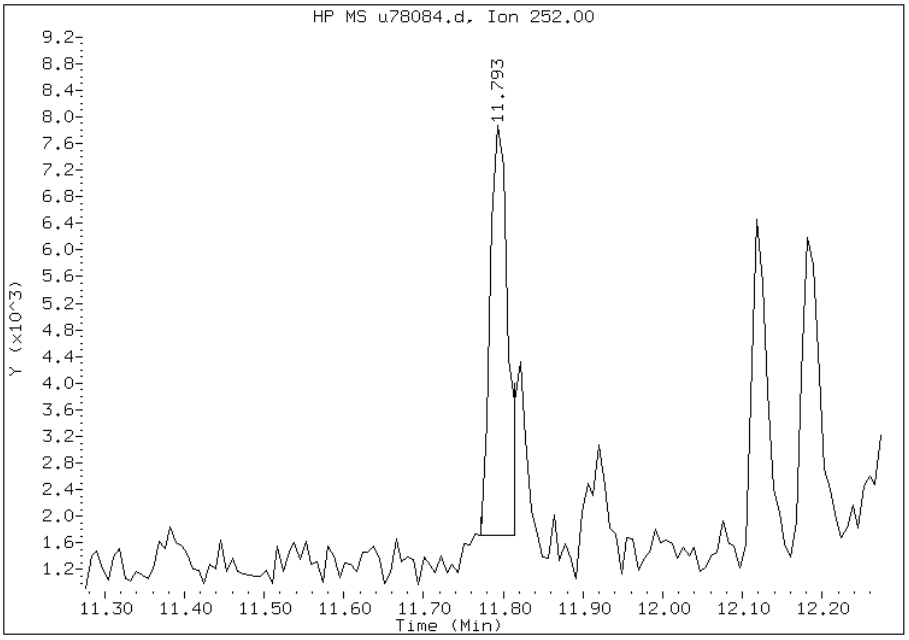
Manual Integration Results

RT: 11.79

Response: 9701

Amount: 1

Conc: 89



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u78084.d
Inj. Date and Time: 08-JUL-2012 09:43
Instrument ID: BNAMS4.i
Client ID: F-20
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 07/09/2012

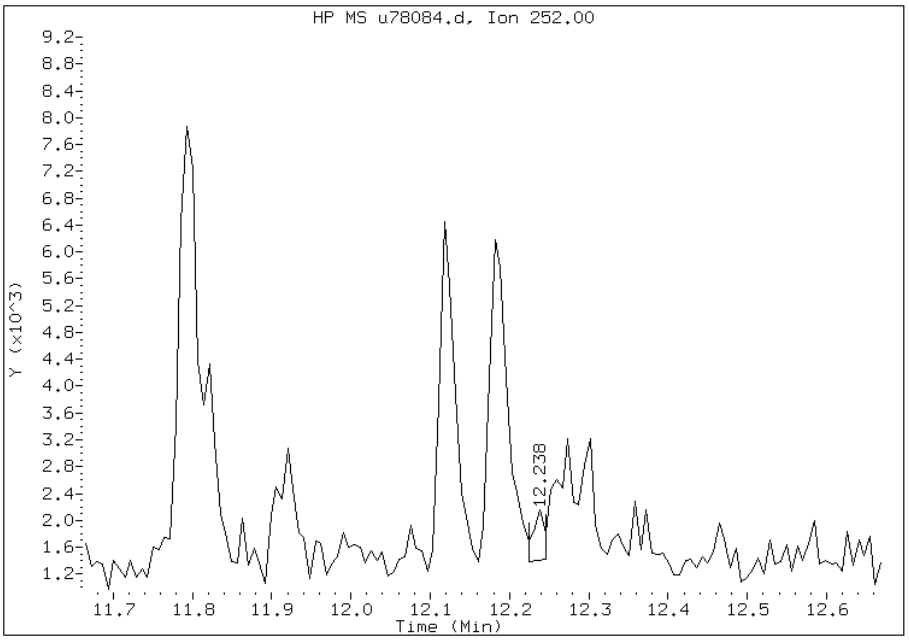
Processing Integration Results

RT: 12.24

Response: 800

Amount: 0

Conc: 9



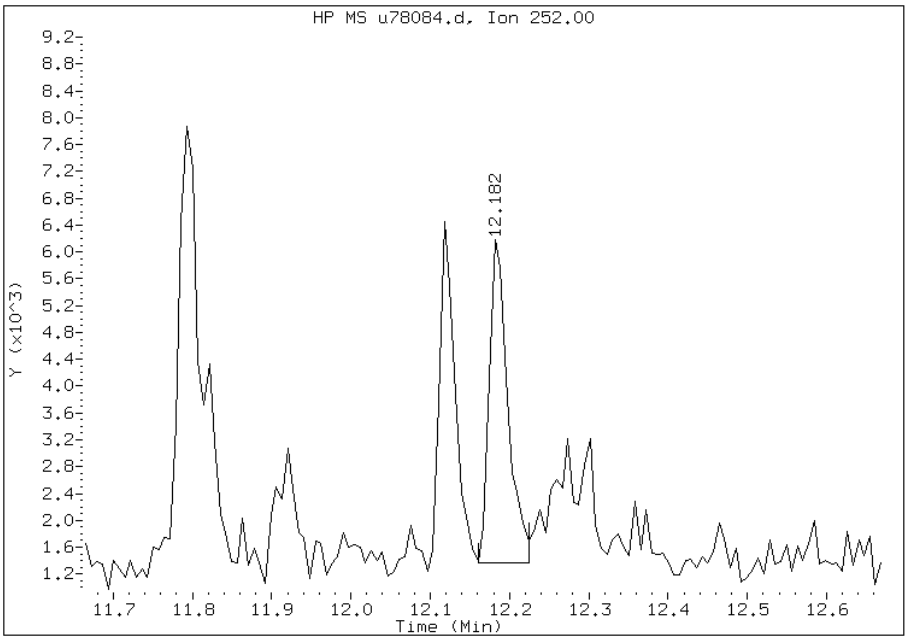
Manual Integration Results

RT: 12.18

Response: 7857

Amount: 1

Conc: 91



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Manual Integration Report

Data File: u78084.d
Inj. Date and Time: 08-JUL-2012 09:43
Instrument ID: BNAMS4.i
Client ID: F-20
Compound: 61 Benzo(a)anthracene
CAS #: 56-55-3
Report Date: 07/09/2012

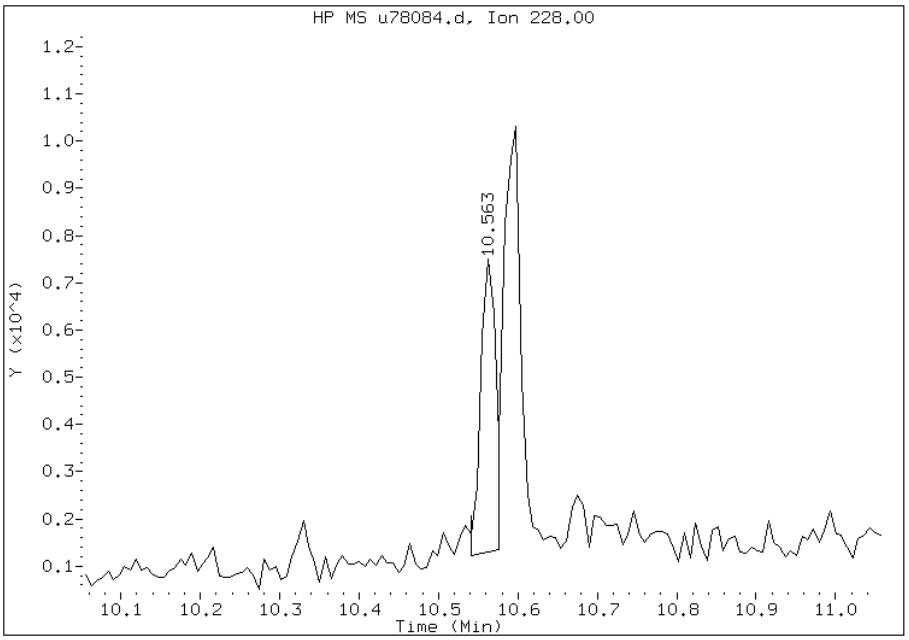
Processing Integration Results

RT: 10.56

Response: 8552

Amount: 1

Conc: 102



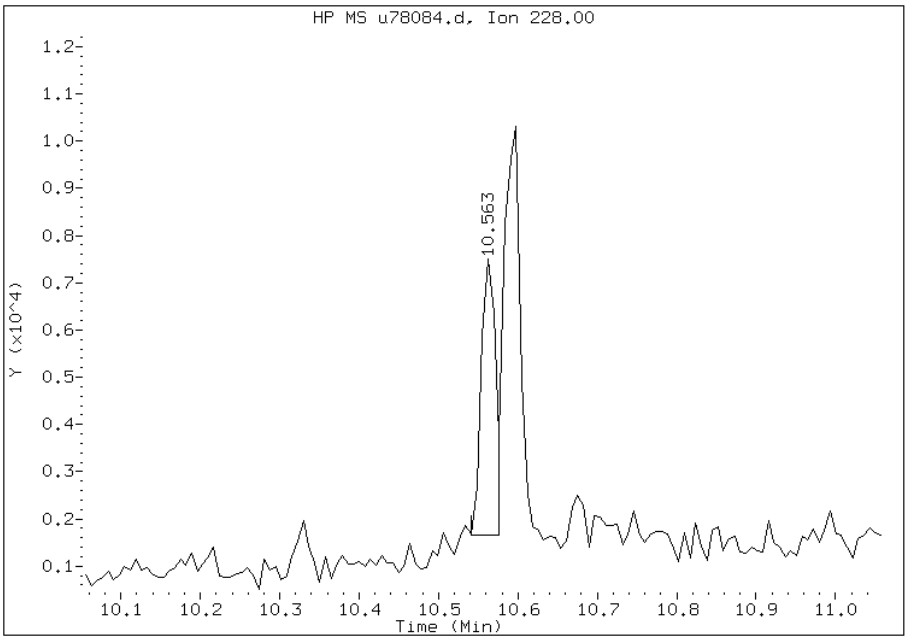
Manual Integration Results

RT: 10.56

Response: 7566

Amount: 1

Conc: 90



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Manual Integration Report

Data File: u78084.d
Inj. Date and Time: 08-JUL-2012 09:43
Instrument ID: BNAMS4.i
Client ID: F-20
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

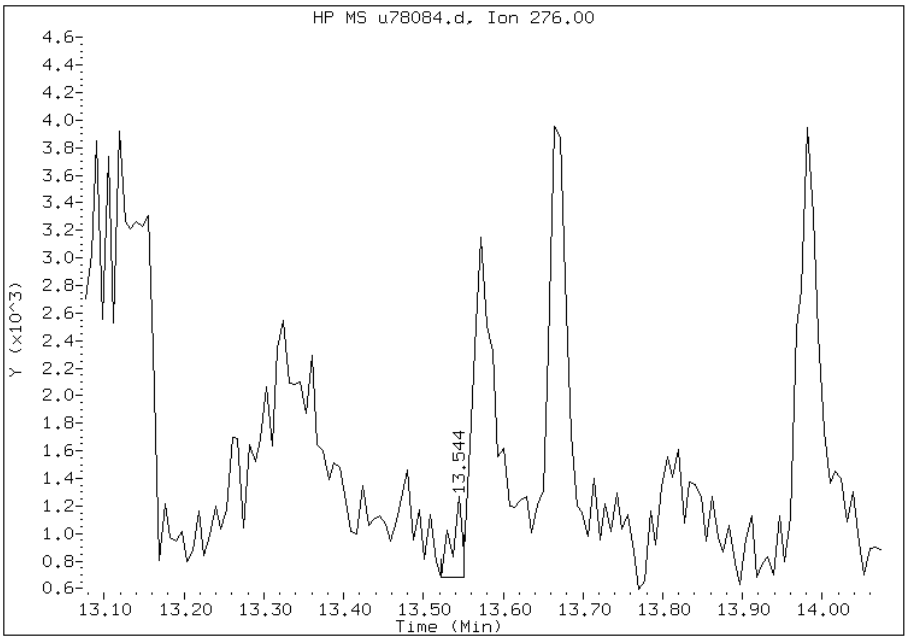
Processing Integration Results

RT: 13.54

Response: 528

Amount: 0

Conc: 8



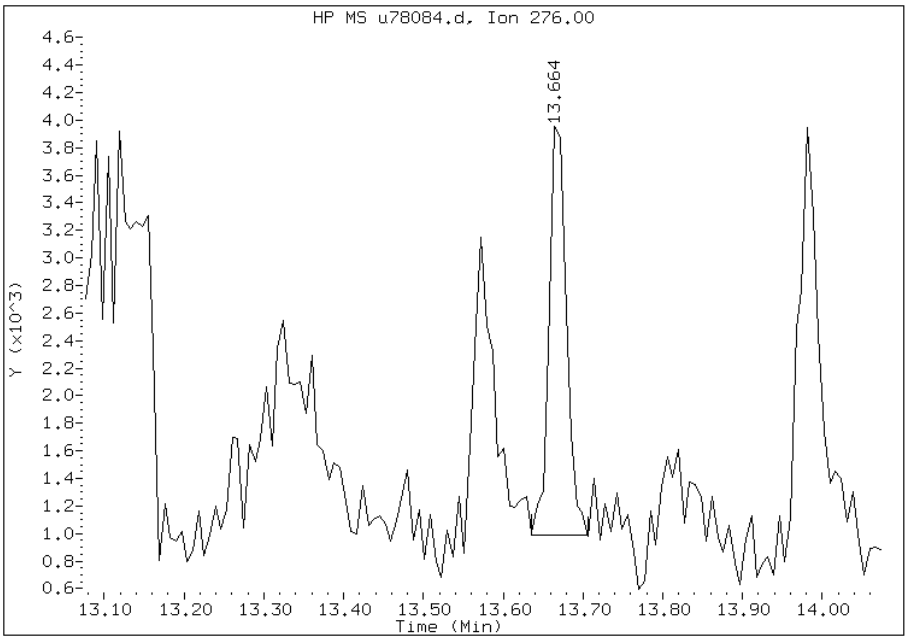
Manual Integration Results

RT: 13.66

Response: 4550

Amount: 0

Conc: 65



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: u78084.d

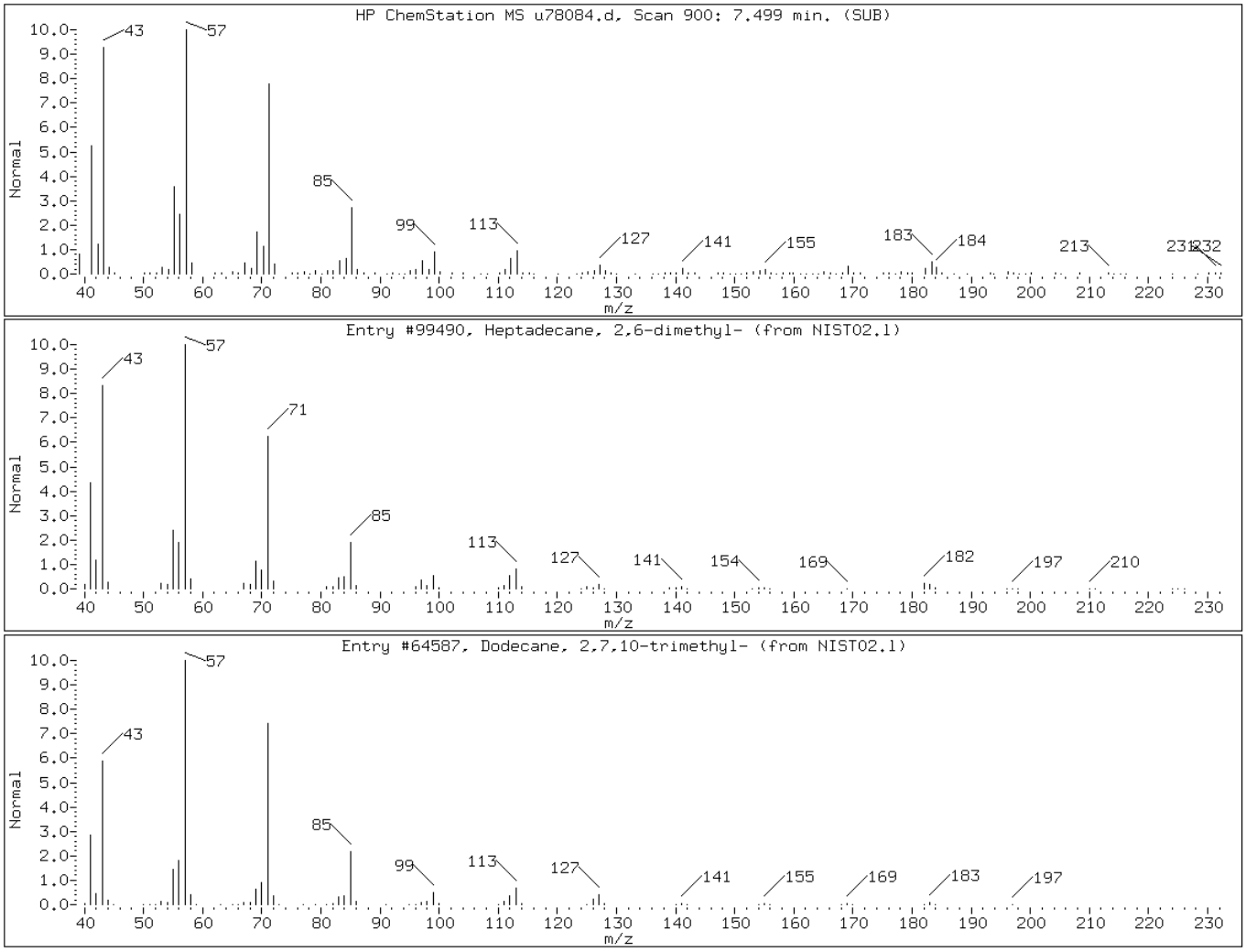
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	90	C15H32	212



Data File: u78084.d

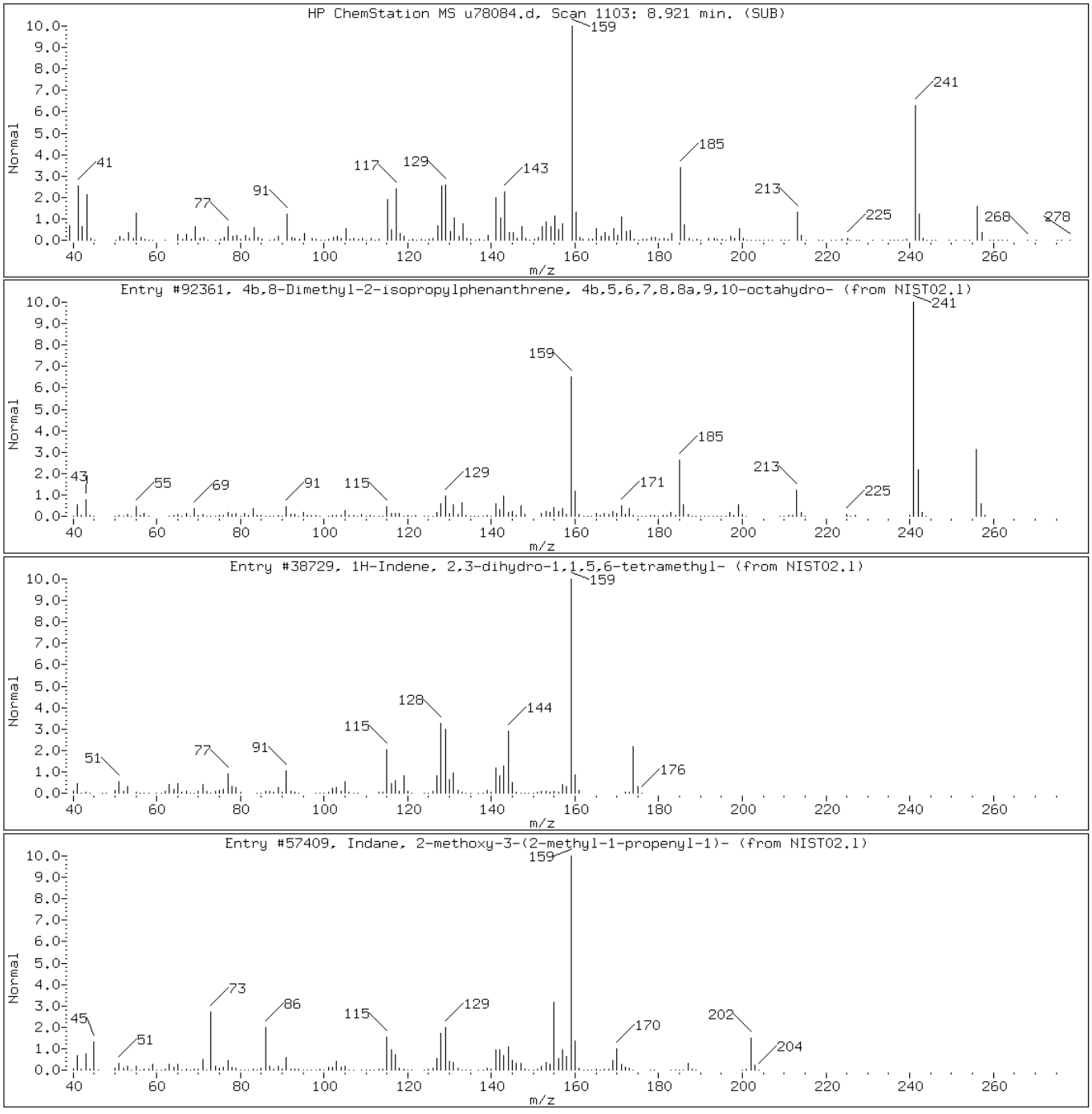
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 8.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4b,8-Dimethyl-2-isopropylphenanthr	1000197-14-1	NIST02.l	92361	96	C19H28	256
1H-Indene, 2,3-dihydro-1,1,5,6-tet	942-43-8	NIST02.l	38729	38	C13H18	174
Indane, 2-methoxy-3-(2-methyl-1-pr	1000196-88-7	NIST02.l	57409	38	C14H18O	202



Data File: u78084.d

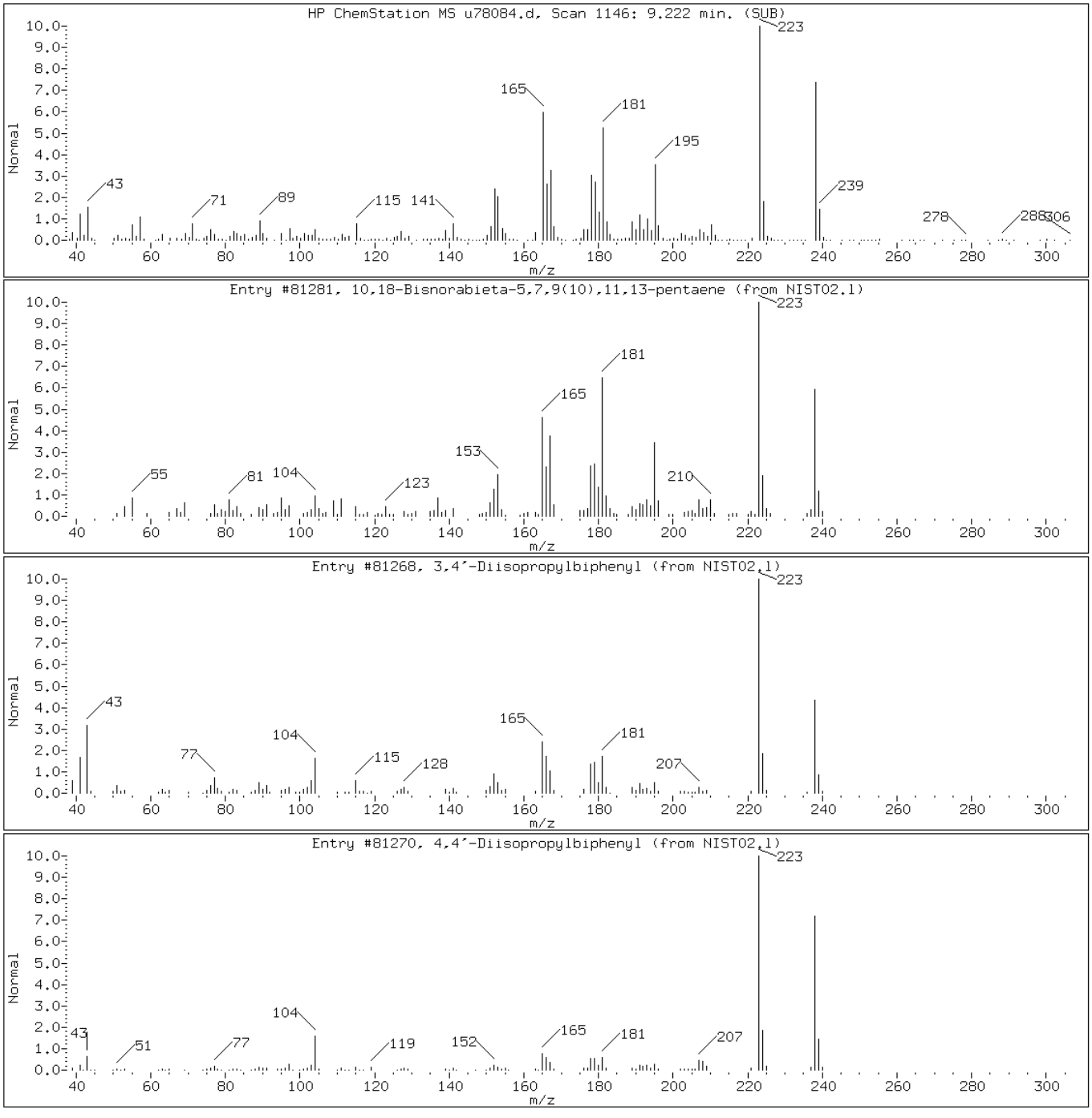
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
10,18-Bisnorabieta-5,7,9(10),11,13	6566-19-4	NIST02.l	81281	81	C18H22	238
3,4'-Diisopropylbiphenyl	61434-46-6	NIST02.l	81268	55	C18H22	238
4,4'-Diisopropylbiphenyl	18970-30-4	NIST02.l	81270	55	C18H22	238



Data File: u78084.d

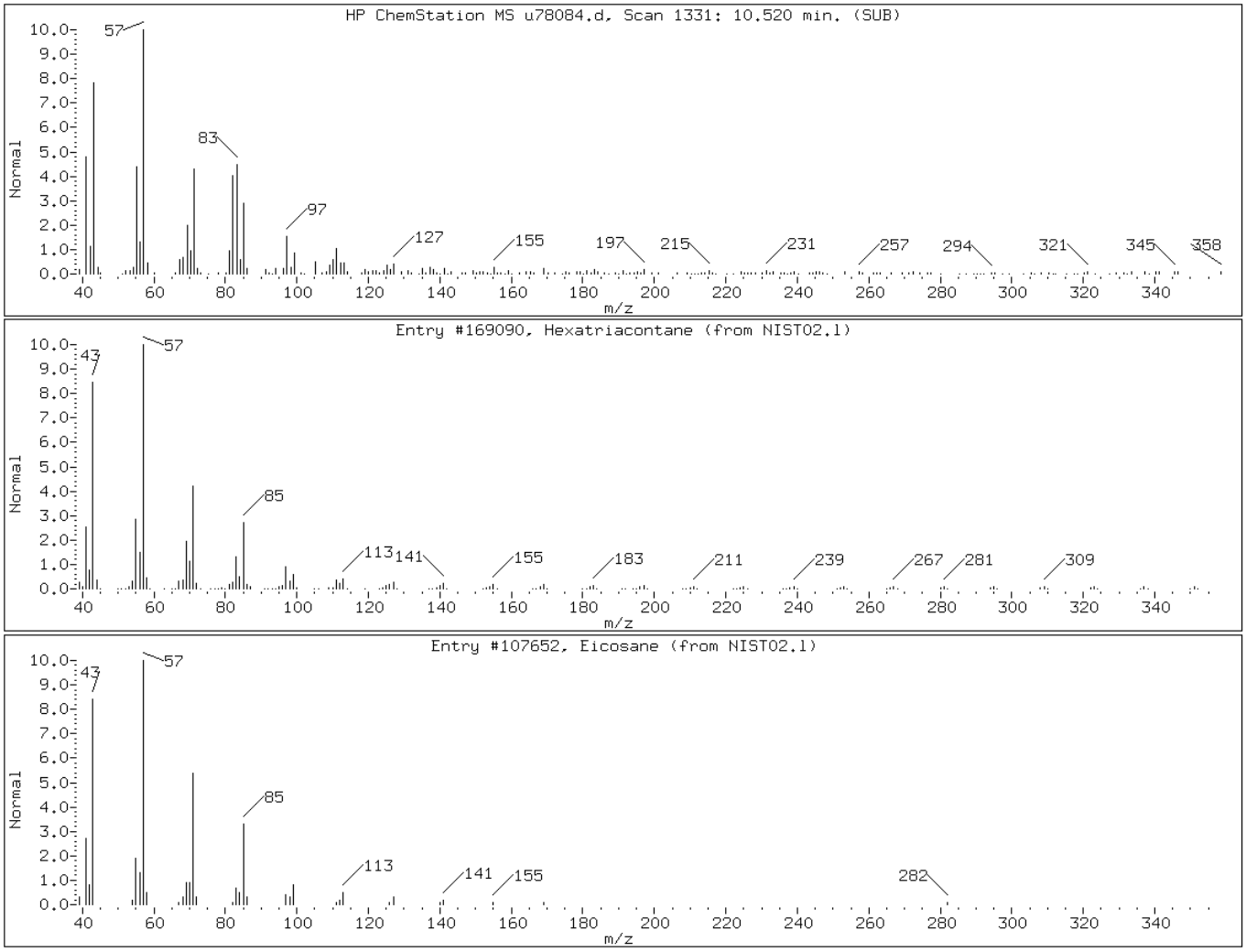
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 10.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexatriacontane	630-06-8	NIST02.l	169090	46	C36H74	507
Eicosane	112-95-8	NIST02.l	107652	45	C20H42	282



Data File: u78084.d

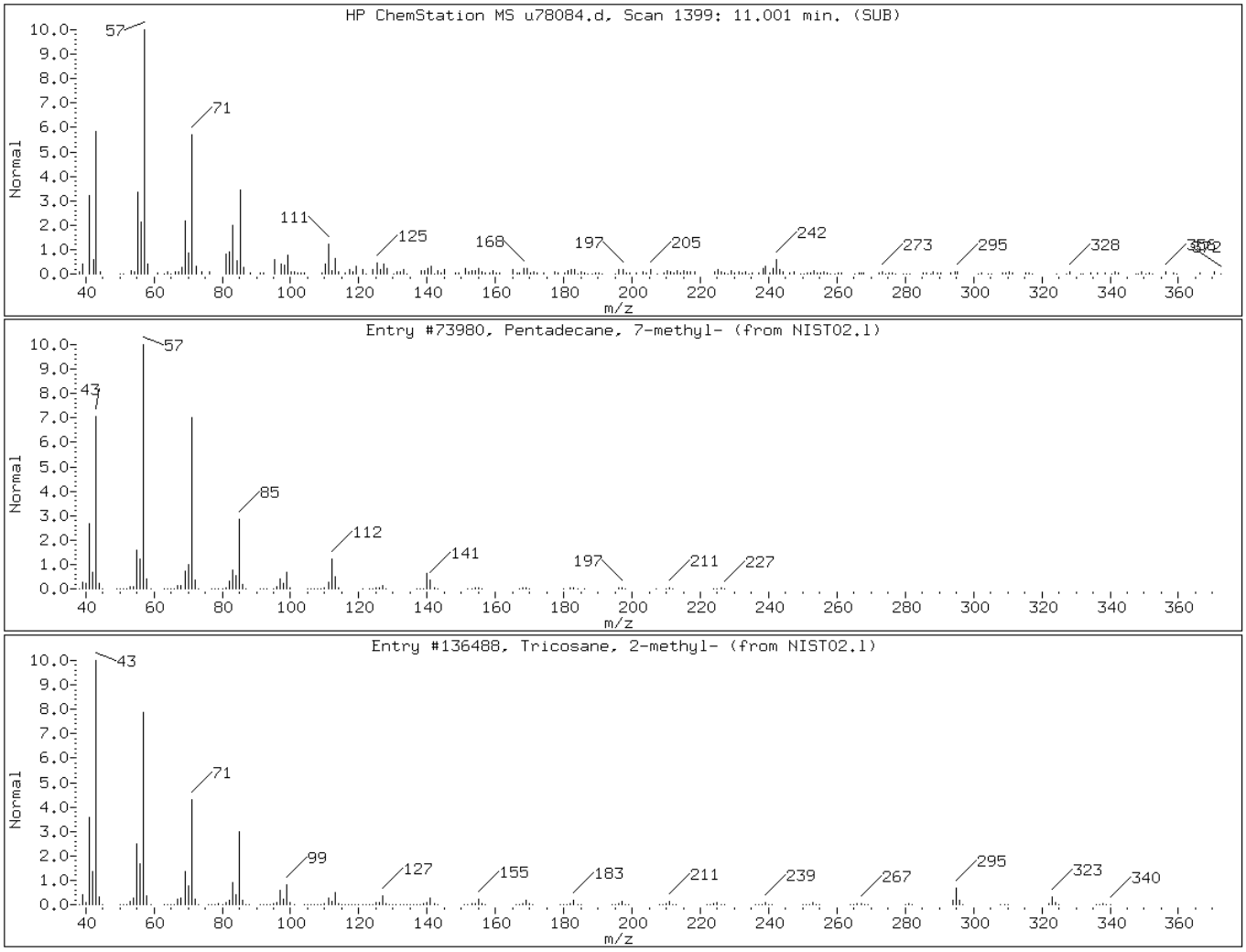
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 11.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	83	C16H34	226
Tricosane, 2-methyl-	1928-30-9	NIST02.l	136488	70	C24H50	338



Data File: u78084.d

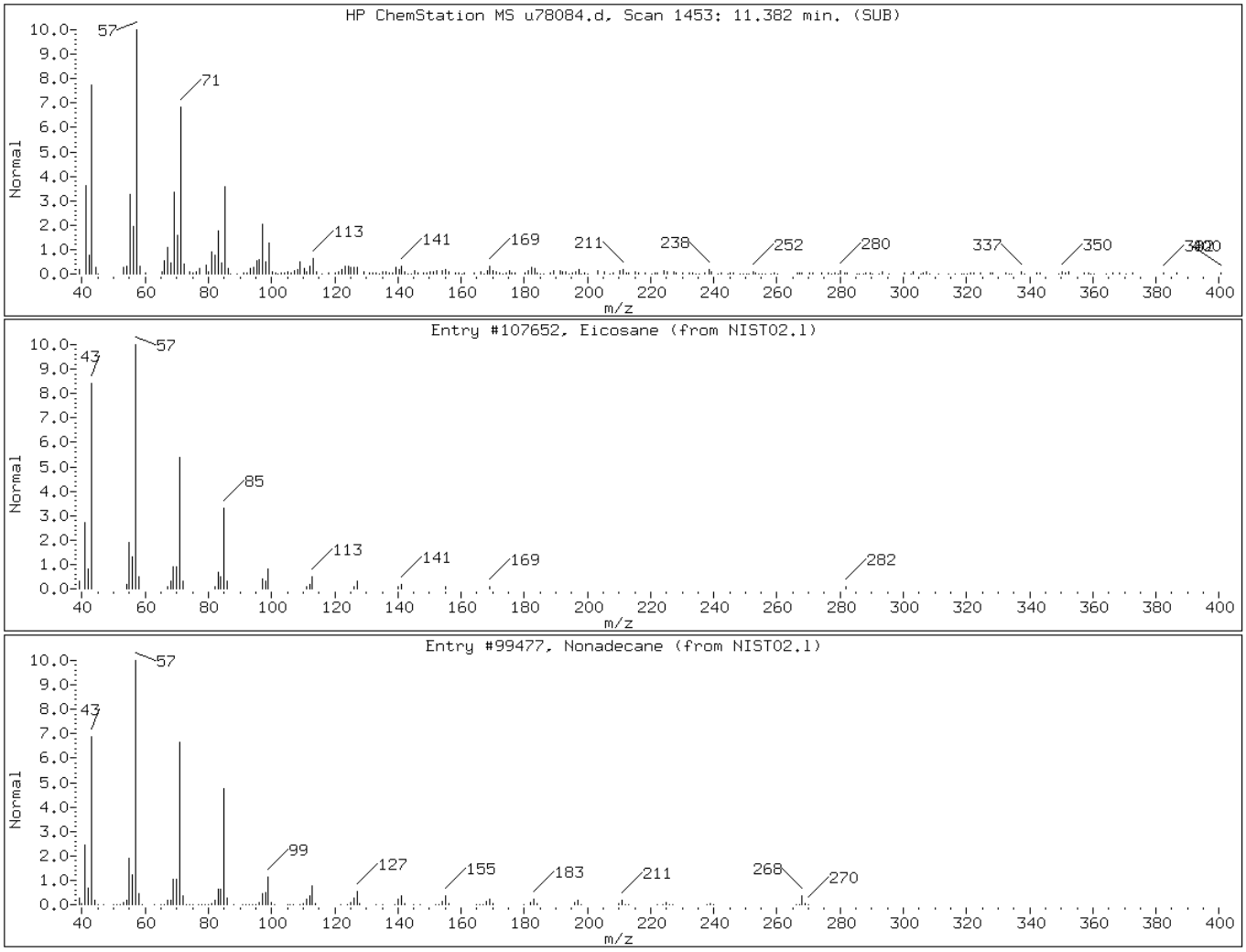
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 11.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Eicosane	112-95-8	NIST02.l	107652	89	C20H42	282
Nonadecane	629-92-5	NIST02.l	99477	70	C19H40	268



Data File: u78084.d

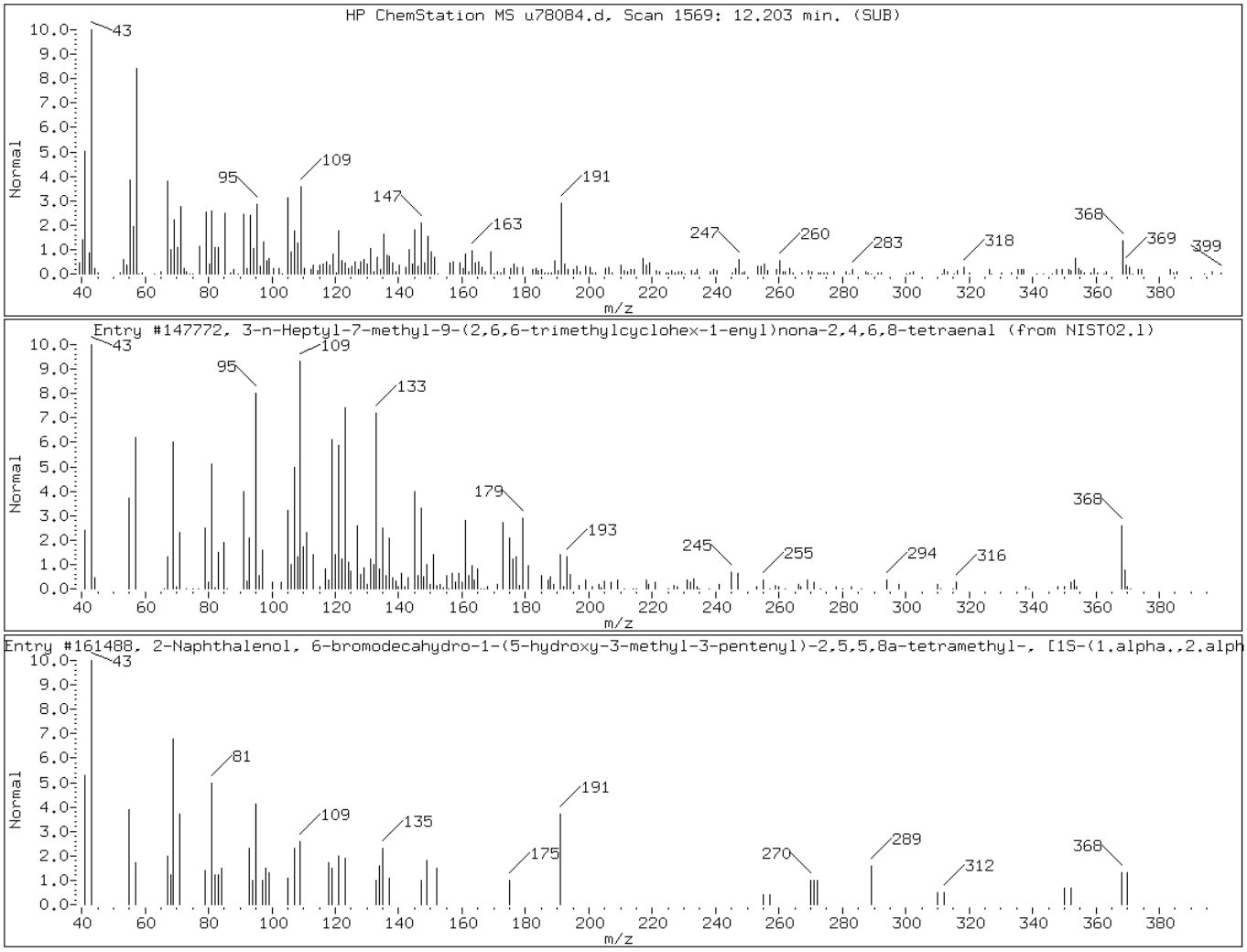
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 12.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
3-n-Heptyl-7-methyl-9-(2,6,6-trime	1000216-09-3	NIST02.l	147772	30	C26H40O	368
2-Naphthalenol, 6-bromodecahydro-1	56009-17-7	NIST02.l	161488	27	C22H37BrO3	428



Data File: u78084.d

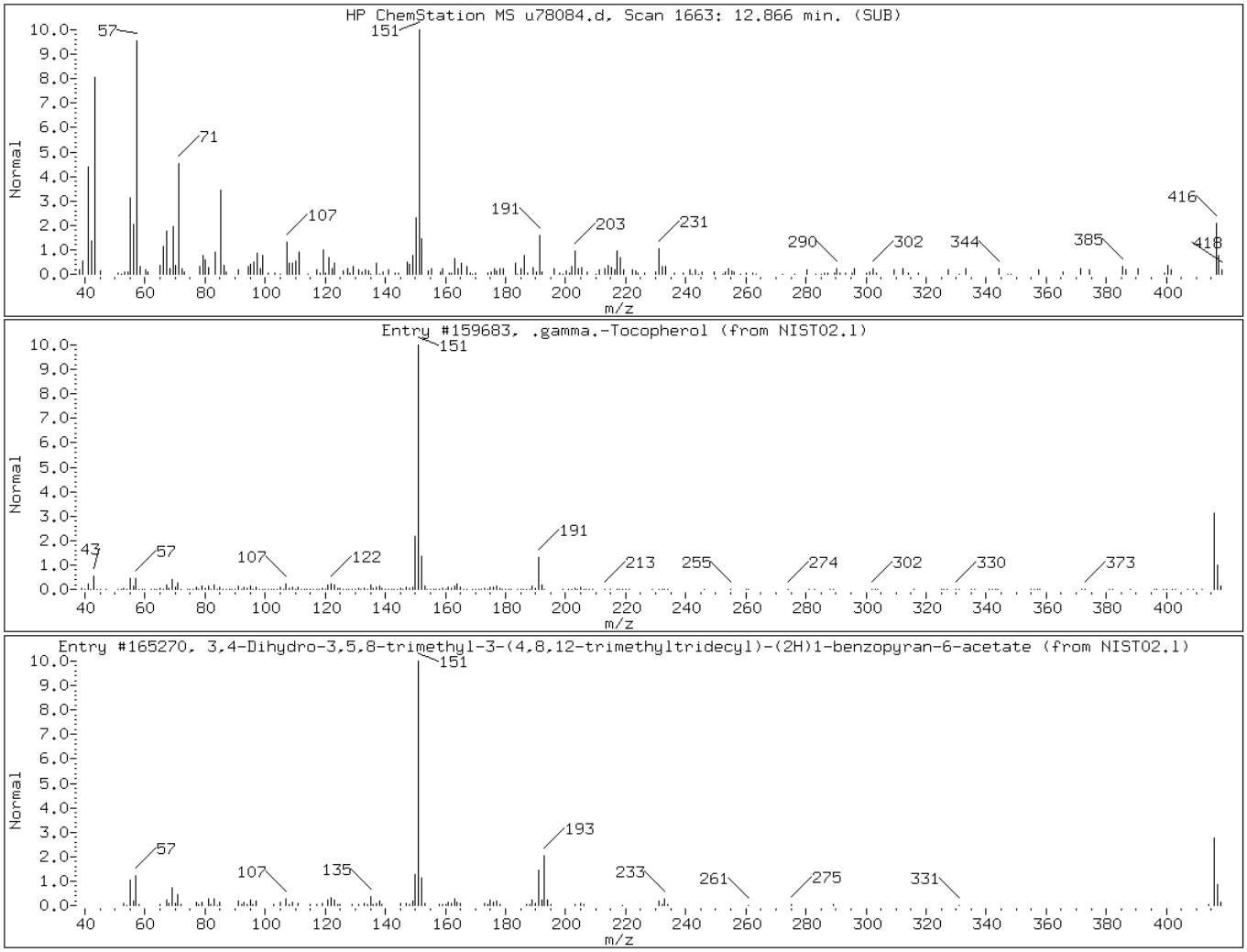
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 12.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Tocopherol	7616-22-0	NIST02.l	159683	53	C28H48O2	416
Unknown-2						
3,4-Dihydro-3,5,8-trimethyl-3-(4,8	1000105-71-9	NIST02.l	165270	43	C30H50O3	458



Data File: u78084.d

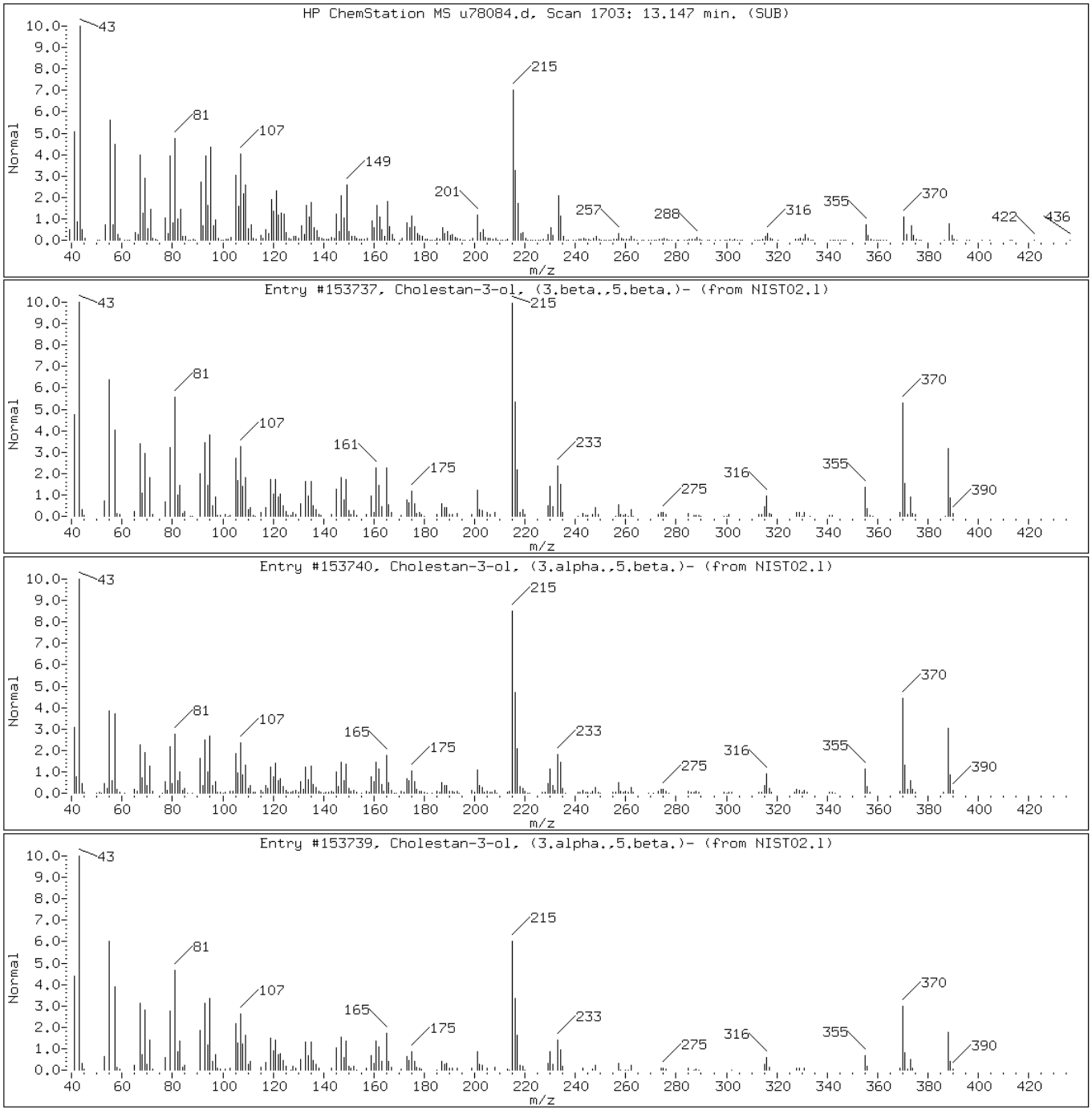
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-ol, (3.beta.,5.beta.)-	360-68-9	NIST02.l	153737	90	C27H48O	388
Cholestan-3-ol, (3.alpha.,5.beta.)	516-92-7	NIST02.l	153740	86	C27H48O	388
Cholestan-3-ol, (3.alpha.,5.beta.)	516-92-7	NIST02.l	153739	68	C27H48O	388



Data File: u78084.d

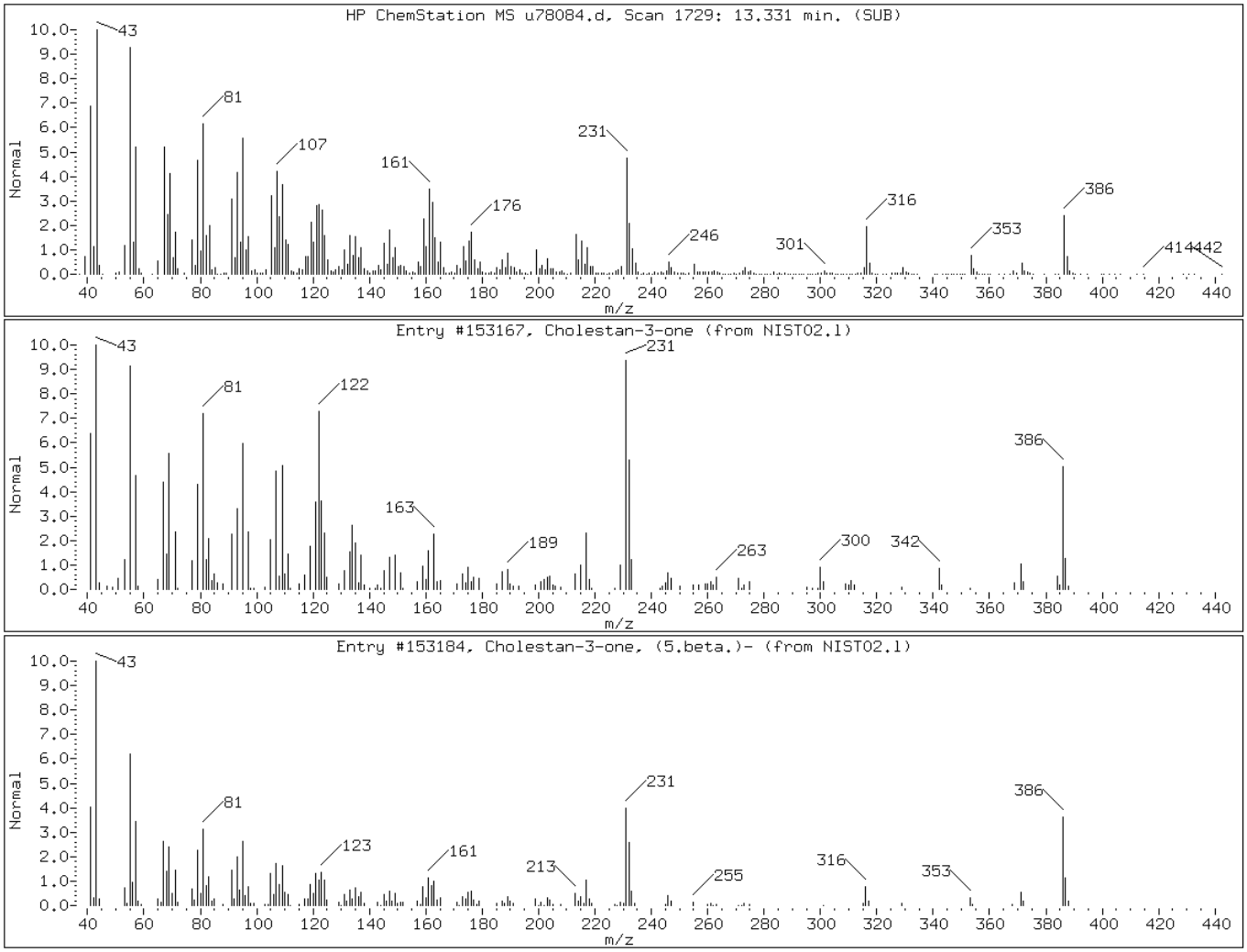
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-one	15600-08-5	NIST02.l	153167	83	C27H46O	386
C27H46O Ketone						
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153184	64	C27H46O	386



Data File: u78084.d

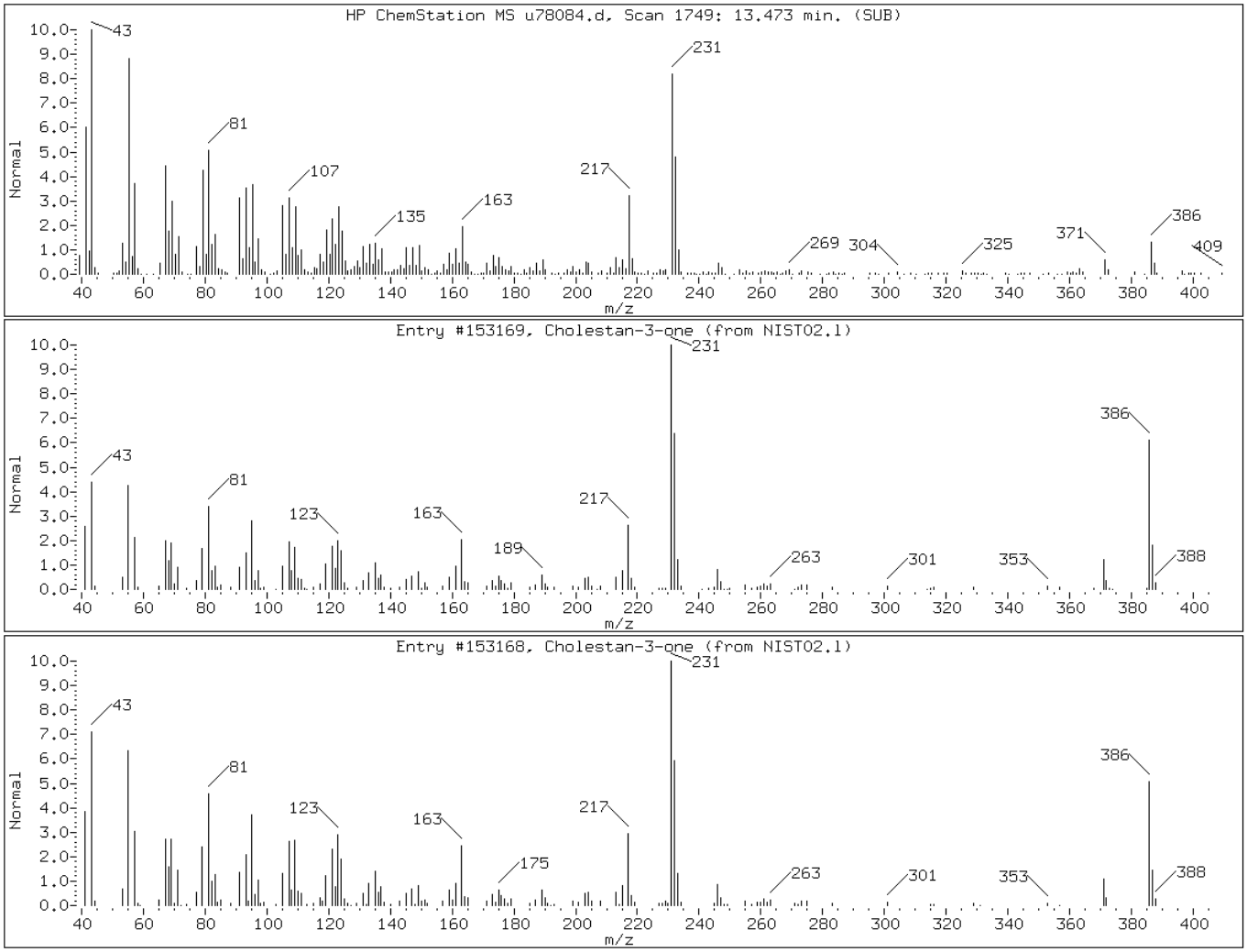
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-1						
Cholestan-3-one	15600-08-5	NIST02.l	153169	99	C27H46O	386
Cholestan-3-one	15600-08-5	NIST02.l	153168	98	C27H46O	386



Data File: u78084.d

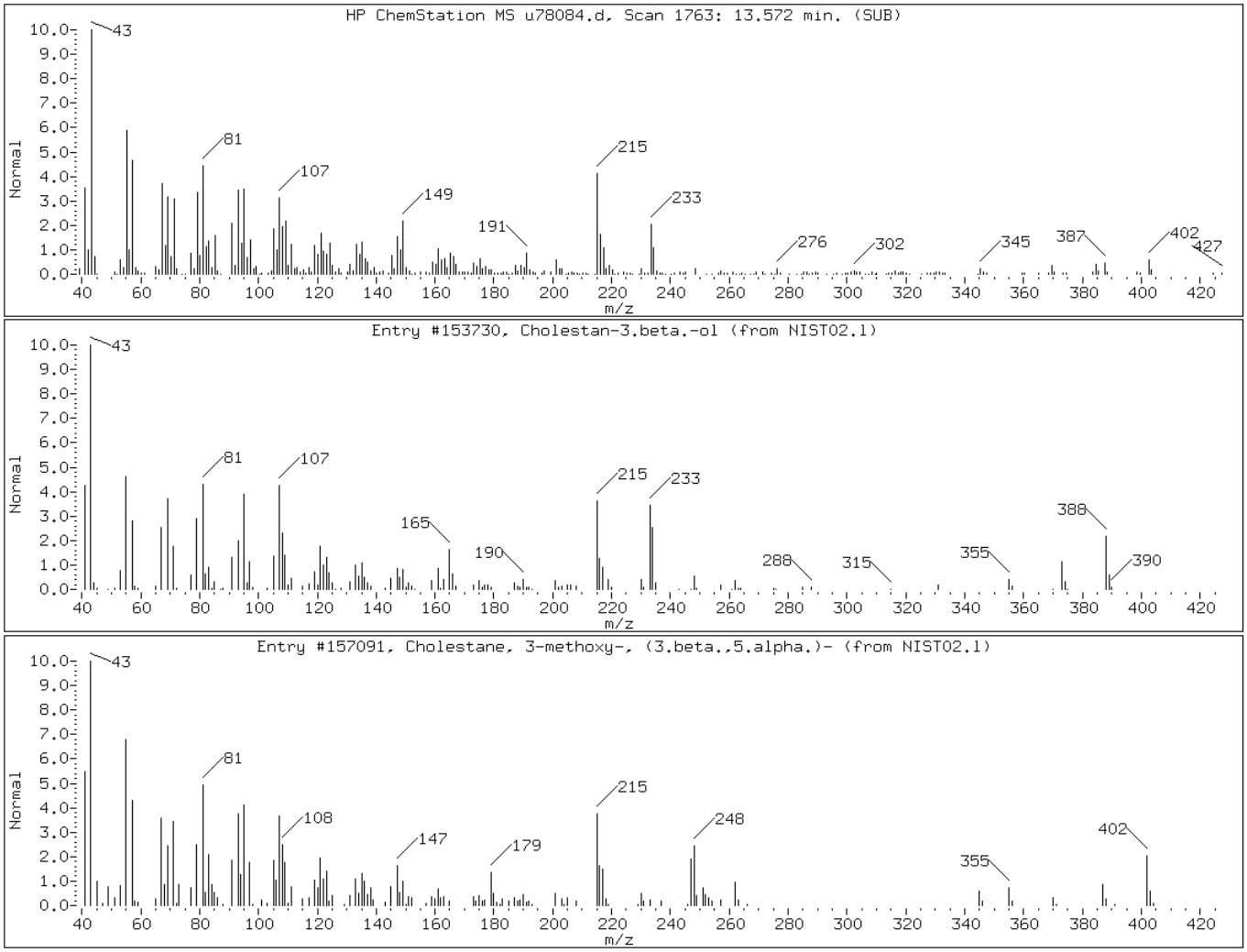
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3.beta.-ol	17608-41-2	NIST02.l	153730	78	C27H48O	388
Unknown-3						
Cholestane, 3-methoxy-, (3.beta.,5	1981-90-4	NIST02.l	157091	55	C28H50O	402



Data File: u78084.d

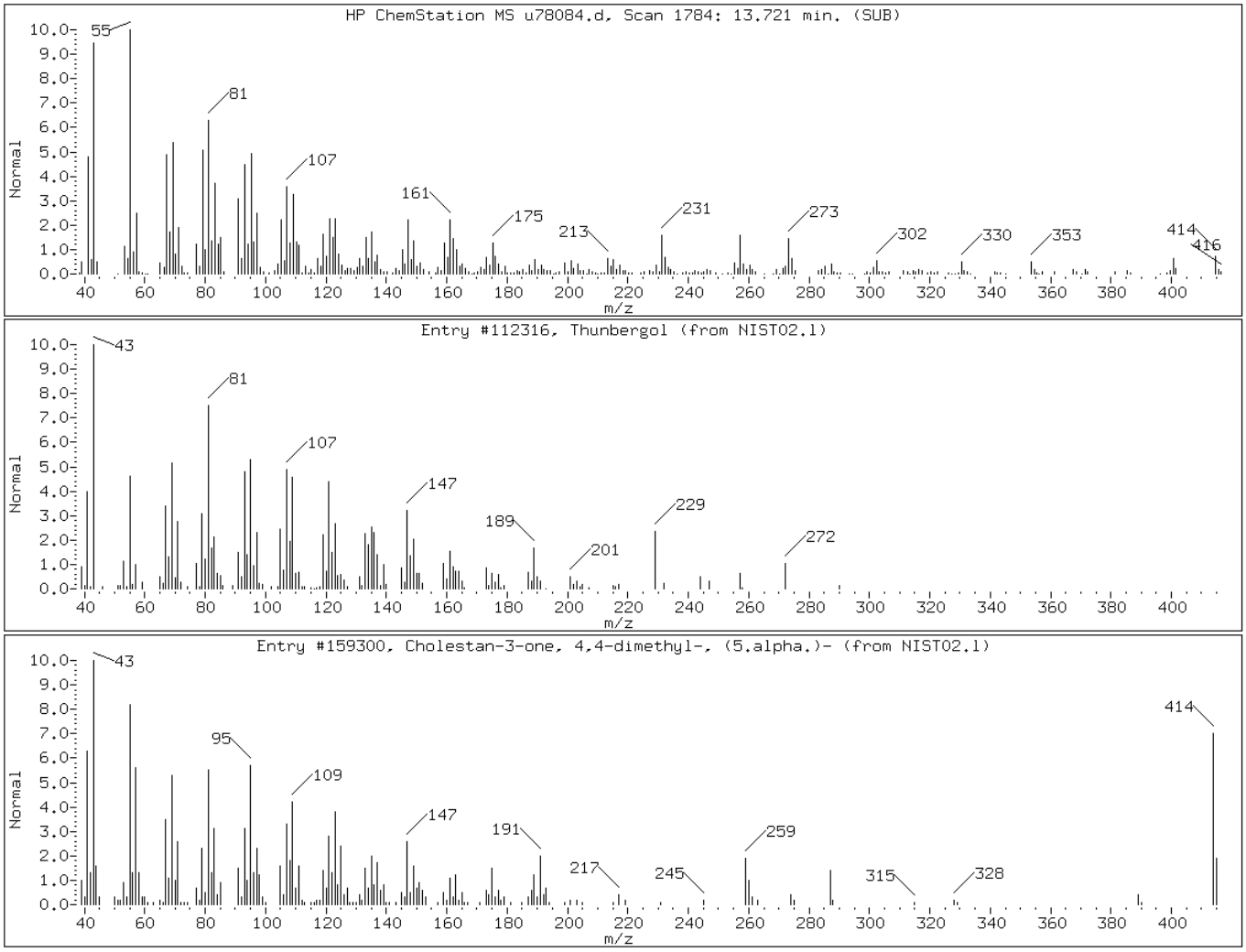
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Thunbergol	25269-17-4	NIST02.l	112316	74	C20H34O	290
Cholestan-3-one, 4,4-dimethyl-, (5	2097-85-0	NIST02.l	159300	70	C29H50O	414



Data File: u78084.d

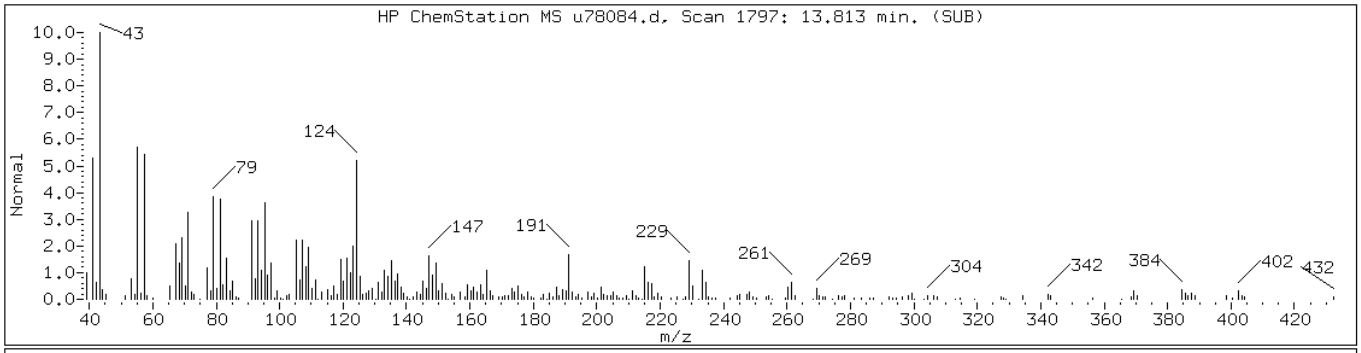
Date: 08-JUL-2012 09:43

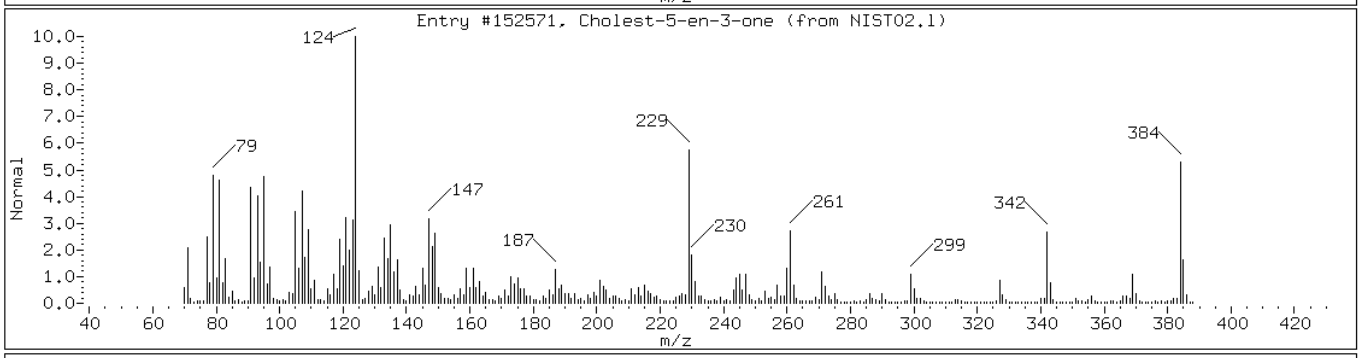
Client ID: F-20 Instrument: BNAMS4.i

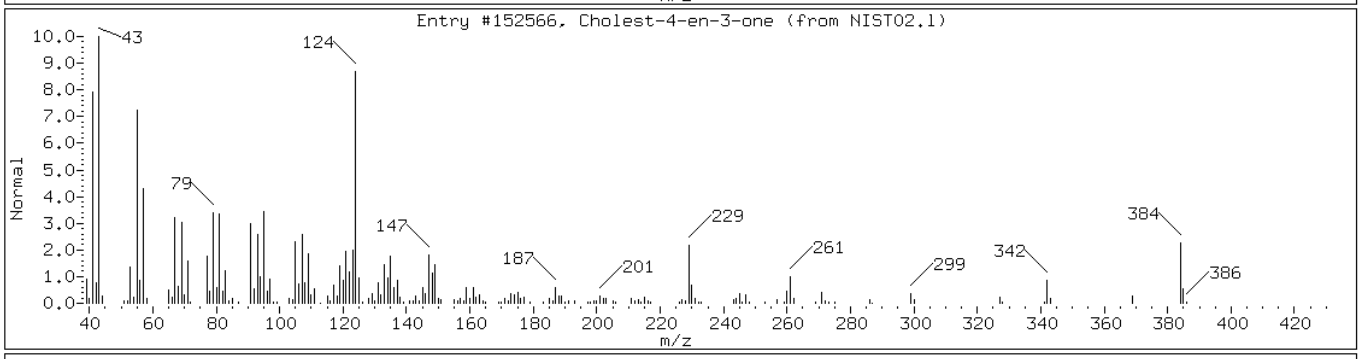
Sample Info: 460-41730-E-14-E Operator: BNAMS 4

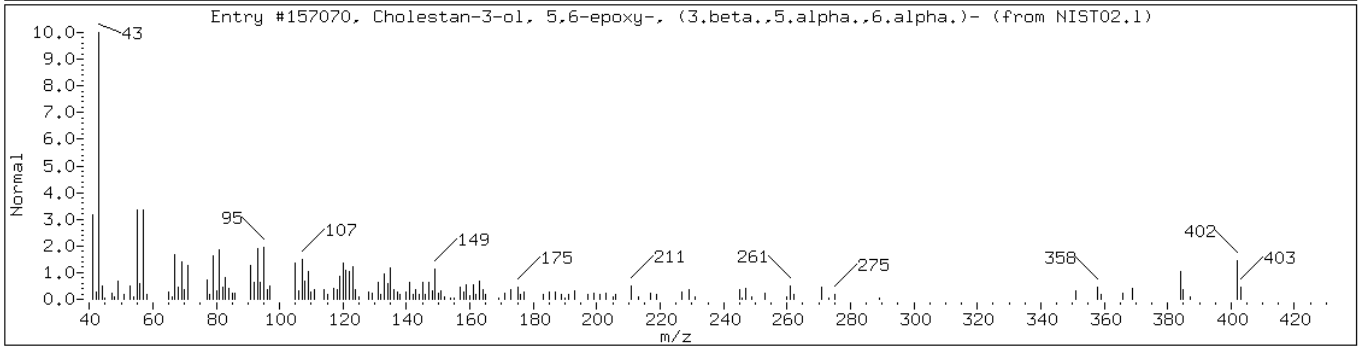
Retention Time: 13.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholest-5-en-3-one	601-54-7	NIST02.l	152571	91	C27H44O	384
Cholest-4-en-3-one	601-57-0	NIST02.l	152566	89	C27H44O	384
Cholestan-3-ol, 5,6-epoxy-, (3.bet	1250-95-9	NIST02.l	157070	64	C27H46O2	402









Data File: u78084.d

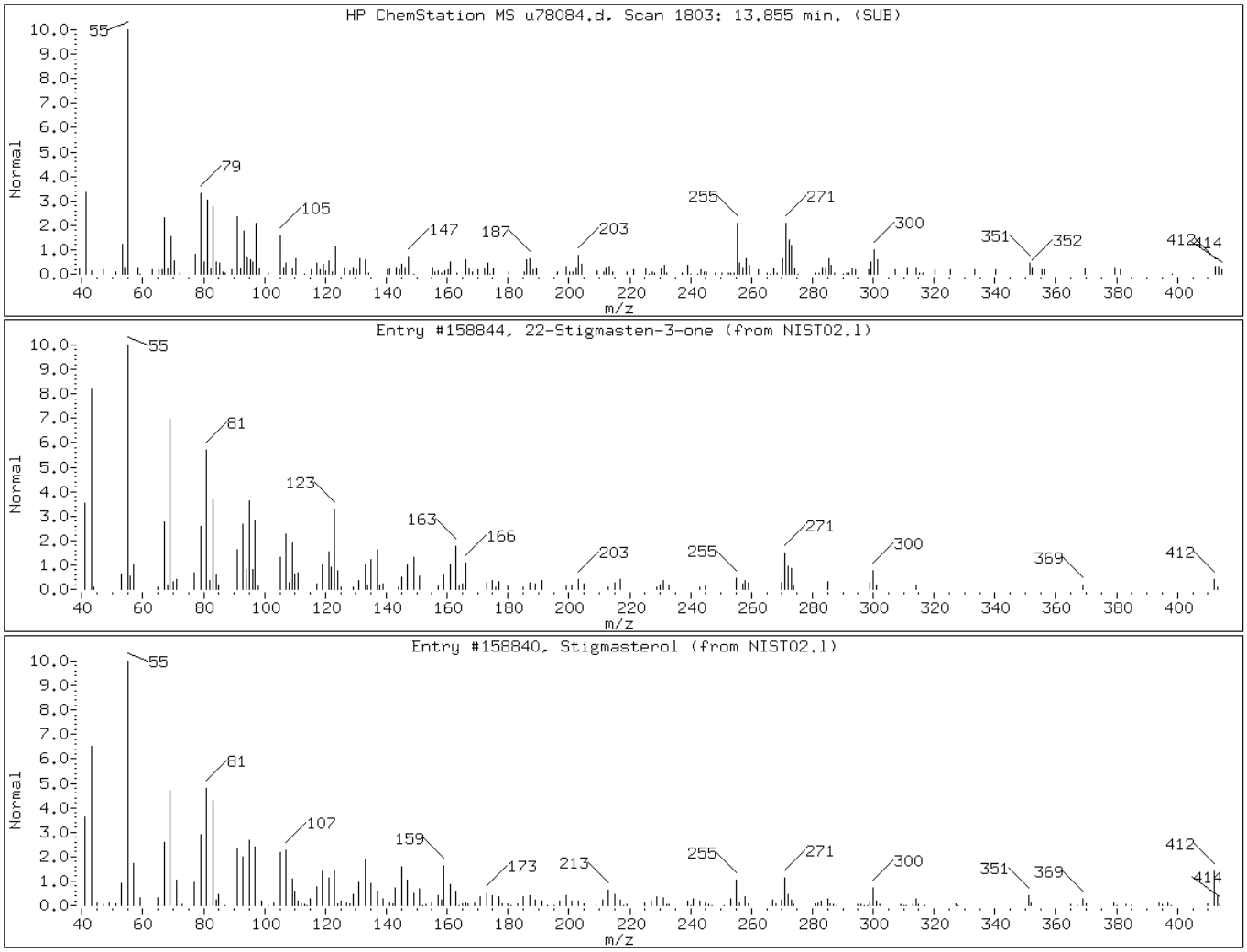
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 13.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
22-Stigmasten-3-one	4736-95-2	NIST02.l	158844	38	C29H48O	412
Stigmasterol	83-48-7	NIST02.l	158840	25	C29H48O	412



Data File: u78084.d

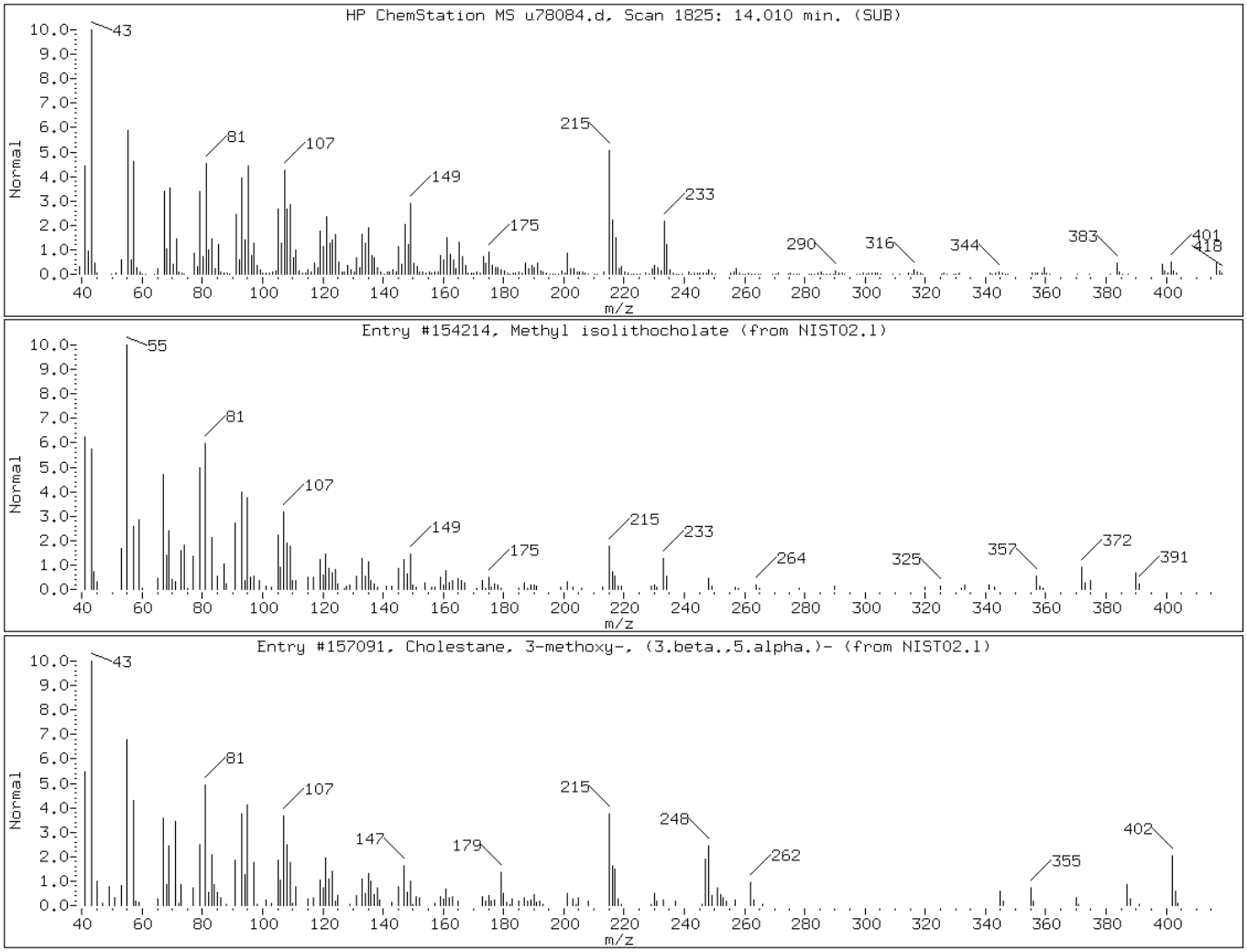
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 14.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-2						
Methyl isolithocholate	5405-42-5	NIST02.l	154214	59	C25H42O3	390
Cholestane, 3-methoxy-, (3.beta.,5	1981-90-4	NIST02.l	157091	45	C28H50O	402



Data File: u78084.d

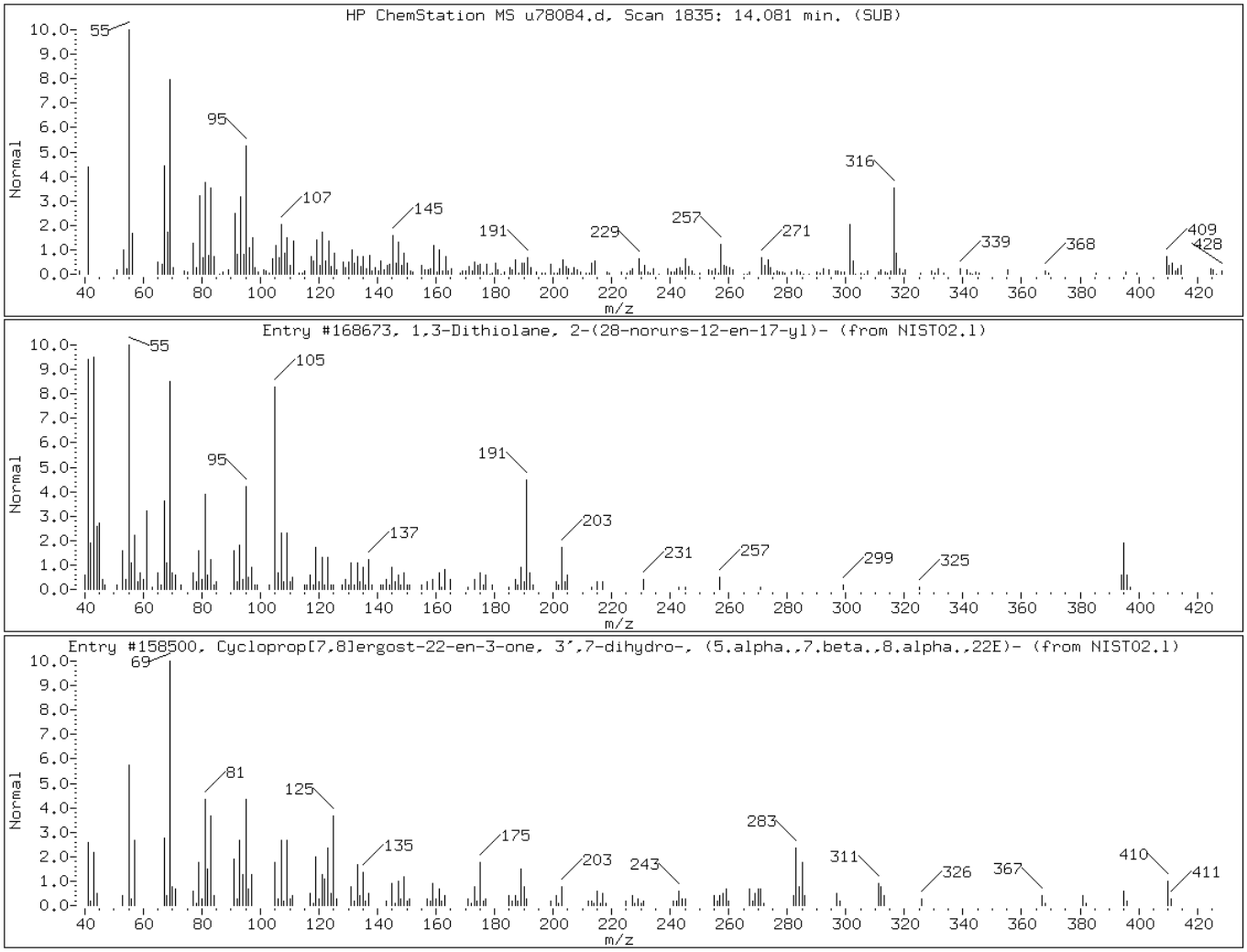
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 14.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
1,3-Dithiolane, 2-(28-norurs-12-en	10153-89-6	NIST02.l	168673	37	C32H52S2	500
Cycloprop[7,8]ergost-22-en-3-one,	53755-18-3	NIST02.l	158500	32	C29H46O	410



Data File: u78084.d

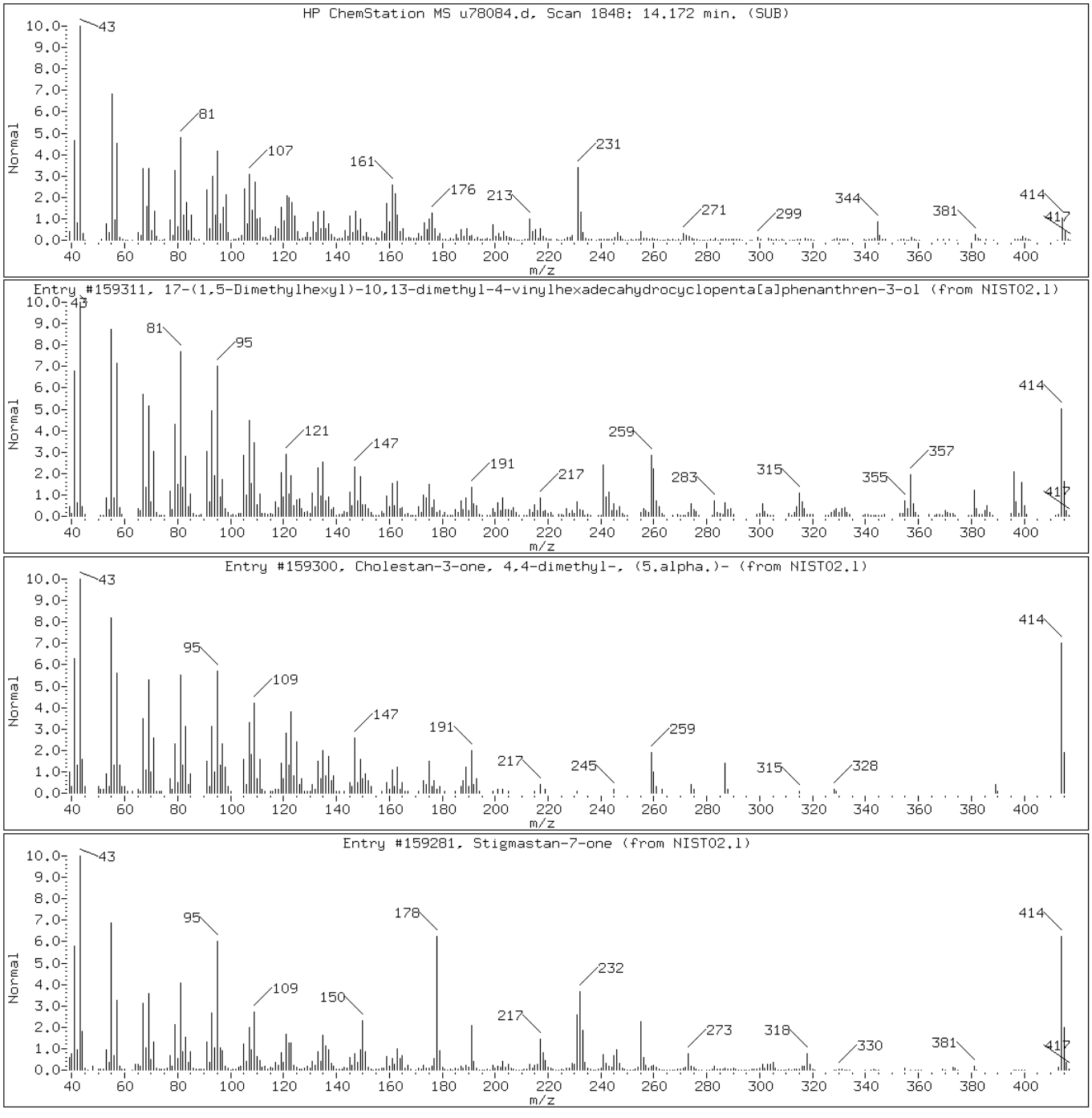
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 14.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
17-(1,5-Dimethylhexyl)-10,13-dimet	1000210-86-9	NIST02.l	159311	84	C29H50O	414
Cholestan-3-one, 4,4-dimethyl-, (5	2097-85-0	NIST02.l	159300	64	C29H50O	414
Stigmastan-7-one	55331-88-9	NIST02.l	159281	46	C29H50O	414



Data File: u78084.d

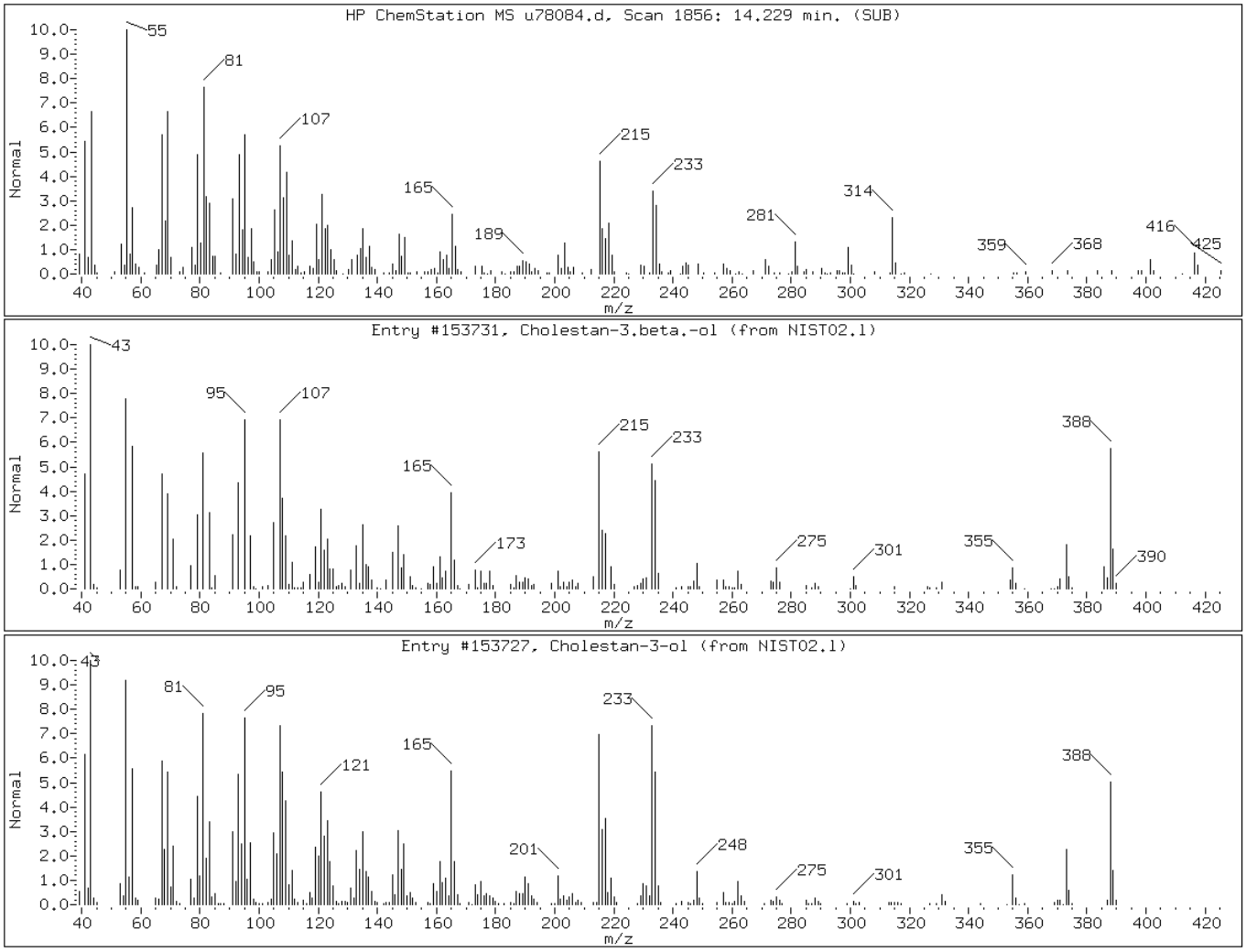
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 14.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-3						
Cholestan-3.beta.-ol	17608-41-2	NIST02.l	153731	55	C27H48O	388
Cholestan-3-ol	27409-41-2	NIST02.l	153727	53	C27H48O	388



Data File: u78084.d

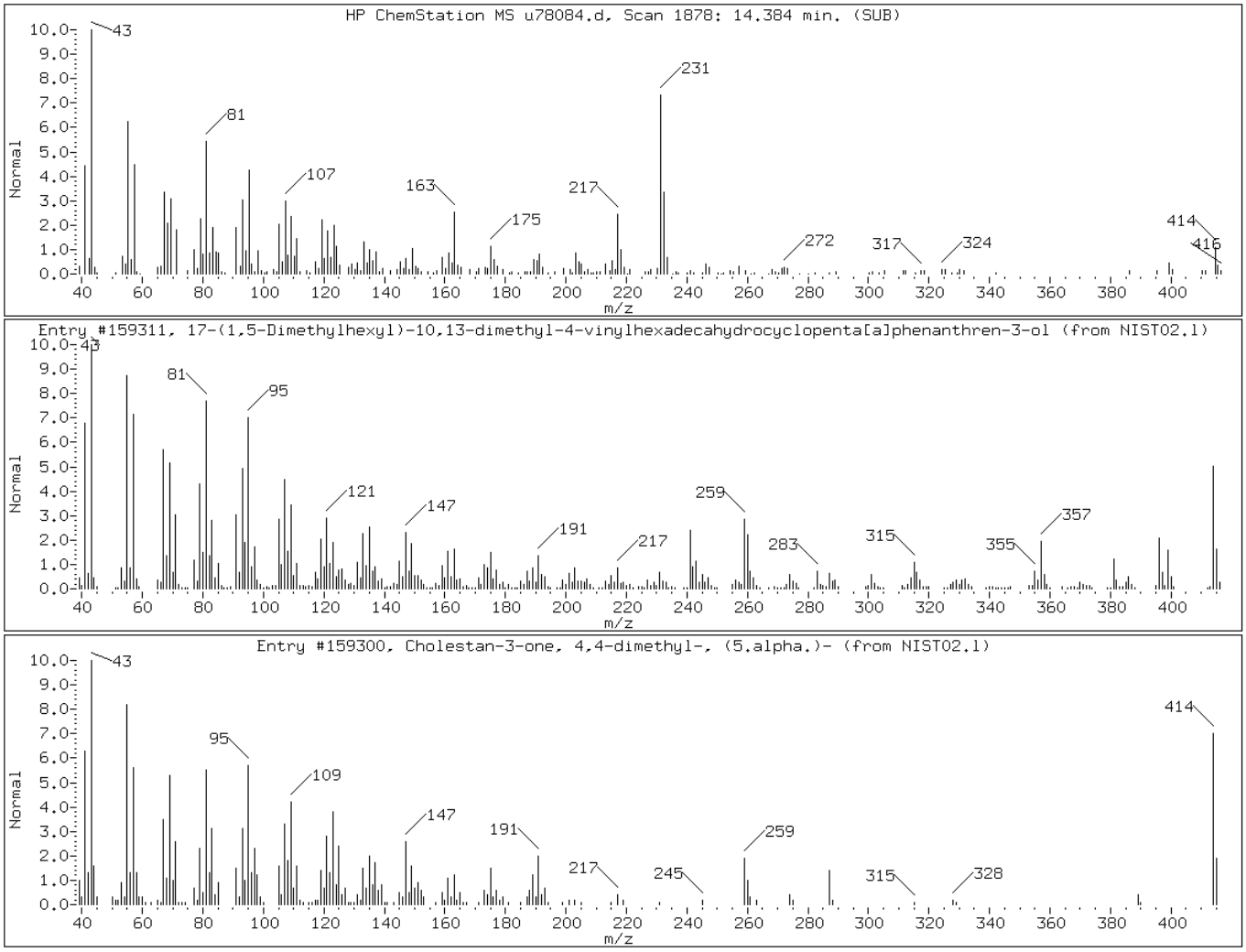
Date: 08-JUL-2012 09:43

Client ID: F-20 Instrument: BNAMS4.i

Sample Info: 460-41730-E-14-E Operator: BNAMS 4

Retention Time: 14.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-4						
17-(1,5-Dimethylhexyl)-10,13-dimet	1000210-86-9	NIST02.l	159311	56	C29H50O	414
Cholestan-3-one, 4,4-dimethyl-, (5	2097-85-0	NIST02.l	159300	42	C29H50O	414



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: u78039.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 13:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: u78039.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 13:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: u78039.d

Analysis Method: 8270C | Date Collected: 06/26/2012 09:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 13:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		38-105
4165-62-2	Phenol-d5	90		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	94		37-125
321-60-8	2-Fluorobiphenyl	63		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 Lab Sample ID: 460-41730-15

Matrix: Solid Lab File ID: u78039.d

Analysis Method: 8270C Date Collected: 06/26/2012 09:20

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) Date Analyzed: 07/06/2012 13:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78039.d
Report Date: 08-Jul-2012 20:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78039.d
Lab Smp Id: 460-41730-E-15-E Client Smp ID: F-21
Inj Date : 06-JUL-2012 13:20
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-15-E
Misc Info : 460-41730-E-15-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	11.53846	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.234	2.210	(0.647)	400709	94.4473	7100
$ 17 Phenol-d5 (SUR)	99	3.139	3.145	(0.909)	662211	90.3179	6800
* 79 1,4-Dichlorobenzene-d4	152	3.454	3.454	(1.000)	138453	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.033	4.048	(0.846)	334215	32.6047	2400
* 80 Naphthalene-d8	136	4.765	4.765	(1.000)	577645	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.879	(0.901)	477878	31.6302	2400
* 82 Acenaphthene-d10	164	6.517	6.523	(1.000)	439743	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.302	7.310	(1.120)	207593	61.3308	4600
* 83 Phenanthrene-d10	188	7.973	7.978	(1.000)	818442	40.0000	
52 Phenanthrene	178	7.987	8.000	(1.002)	5536	0.24709	18(a)
$ 78 Terphenyl-d14	244	9.547	9.548	(0.904)	777755	46.4325	3500
* 81 Chrysene-d12	240	10.565	10.573	(1.000)	661650	40.0000	
* 84 Perylene-d12	264	12.237	12.244	(1.000)	524407	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78039.d
Report Date: 08-Jul-2012 20:36

QC Flag Legend

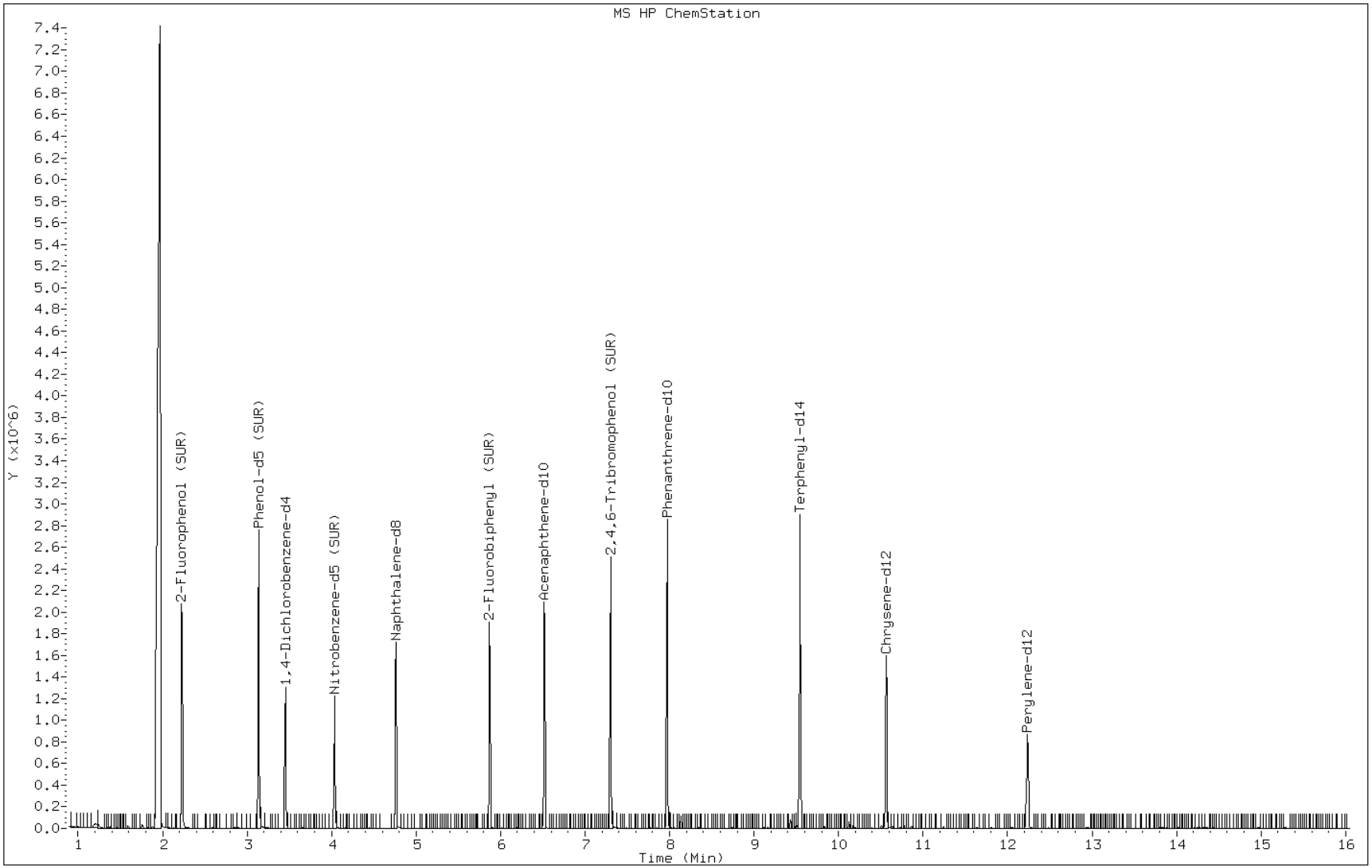
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78039.d

Date: 06-JUL-2012 13:20

Client ID: F-21 Instrument: BNAMS4.i

Sample Info: 460-41730-E-15-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: u78052.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:24

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 17:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	70	U	360	70
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	360	39
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	41	U	360	41
106-47-8	4-Chloroaniline	94	U	360	94
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	360	82
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: u78052.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:24

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 17:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	42	U	360	42
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	43	U	360	43
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	45	U	360	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	360	26
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	36	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	720	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	360	46
123-91-1	1,4-Dioxane	26	U	360	26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: u78052.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:24

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 17:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	108		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	92		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: u78052.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:24

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.01(g) | Date Analyzed: 07/06/2012 17:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 5030

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldehyde	11.81	310	J
	Unknown Alkane-1	12.06	350	J
	Unknown Alkane-2	12.94	710	J
	Unknown-1	13.65	500	J
	Unknown-2	14.14	620	J
	Unknown-3	14.36	570	J
	Unknown-4	14.61	570	J
	Unknown-5	14.72	300	J
	Unknown-6	14.97	1100	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78052.d
Report Date: 09-Jul-2012 00:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78052.d
Lab Smp Id: 460-41730-E-16-E Client Smp ID: F-22
Inj Date : 06-JUL-2012 17:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-16-E
Misc Info : 460-41730-E-16-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	7.29783	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.236	2.210	(0.648)	366839	91.5113	6600
$ 17 Phenol-d5 (SUR)	99	3.142	3.145	(0.911)	614037	88.6360	6400
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.454	(1.000)	130816	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.048	(0.848)	355490	38.6939	2800
* 80 Naphthalene-d8	136	4.762	4.765	(1.000)	517726	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.873	5.879	(0.901)	477351	39.5353	2800
* 82 Acenaphthene-d10	164	6.519	6.523	(1.000)	351428	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.306	7.310	(1.121)	182488	67.4627	4800
* 83 Phenanthrene-d10	188	7.968	7.978	(1.000)	628306	40.0000	
52 Phenanthrene	178	7.991	8.000	(1.003)	4246	0.24688	18(a)
$ 78 Terphenyl-d14	244	9.545	9.548	(0.903)	529630	53.8219	3900
* 81 Chrysene-d12	240	10.566	10.573	(1.000)	388706	40.0000	
* 84 Perylene-d12	264	12.241	12.244	(1.000)	318296	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78052.d
Report Date: 09-Jul-2012 00:00

QC Flag Legend

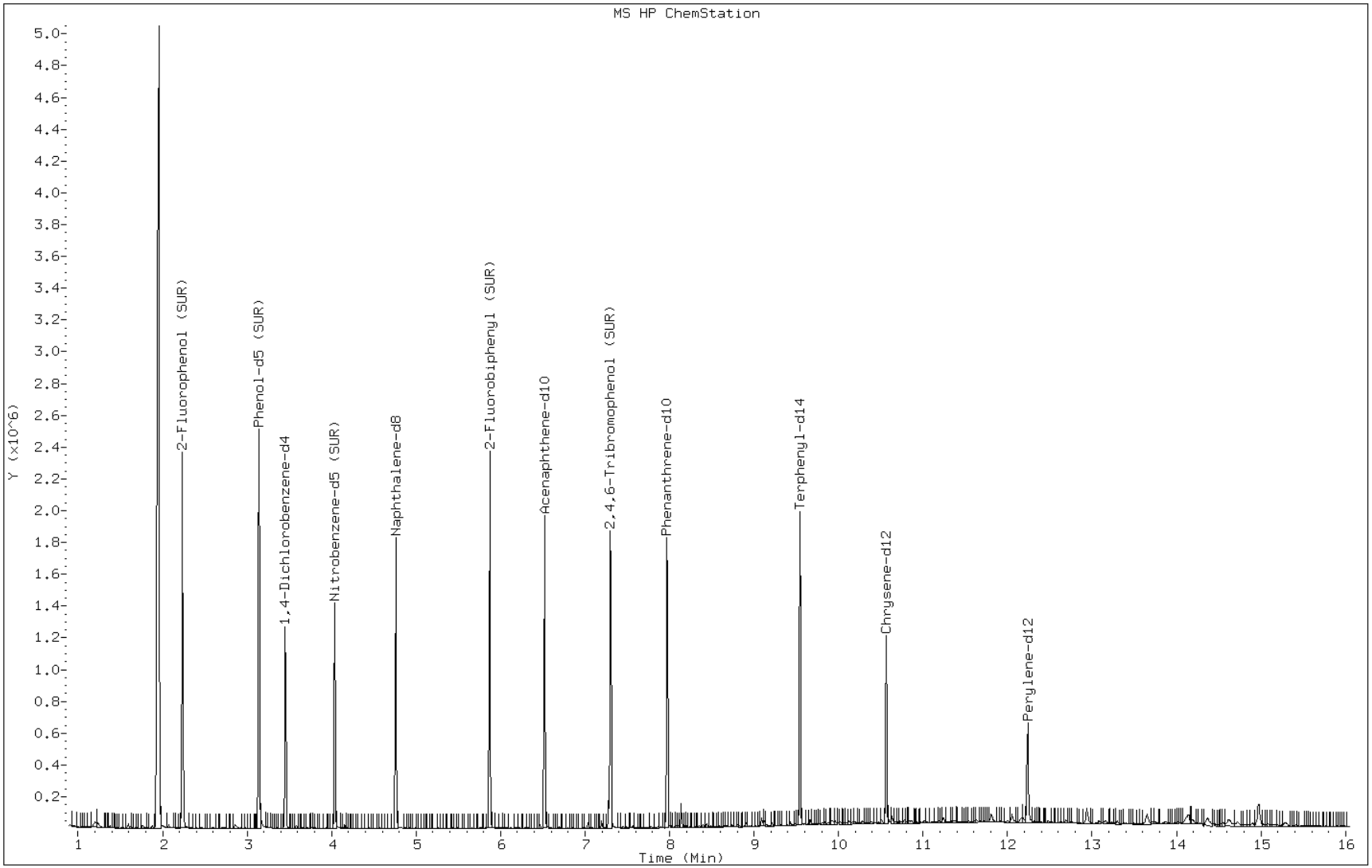
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78052.d

Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4



Data File: u78052.d

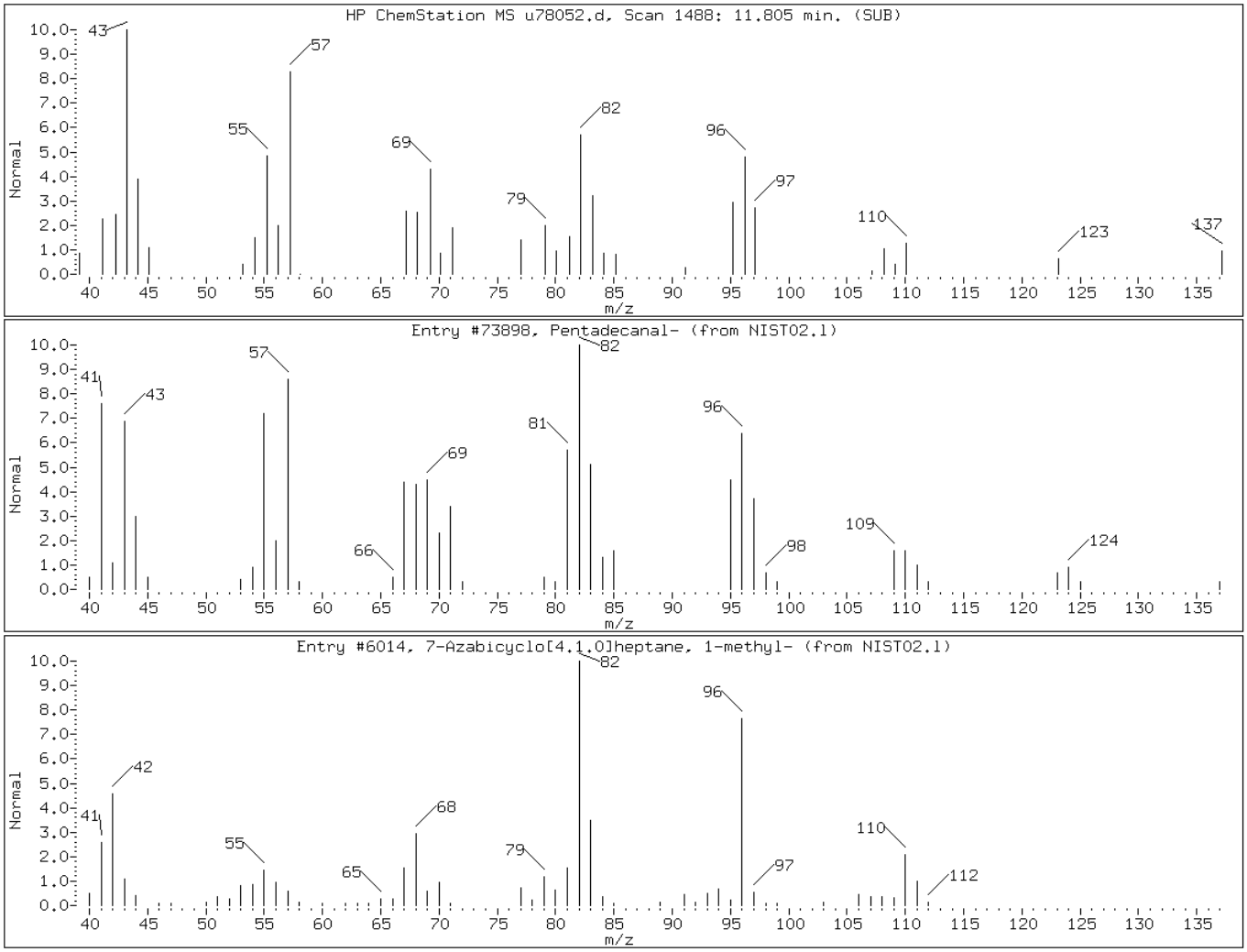
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 11.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldehyde						
Pentadecanal-	2765-11-9	NIST02.l	73898	62	C15H30O	226
7-Azabicyclo[4.1.0]heptane, 1-meth	25022-25-7	NIST02.l	6014	43	C7H13N	111



Data File: u78052.d

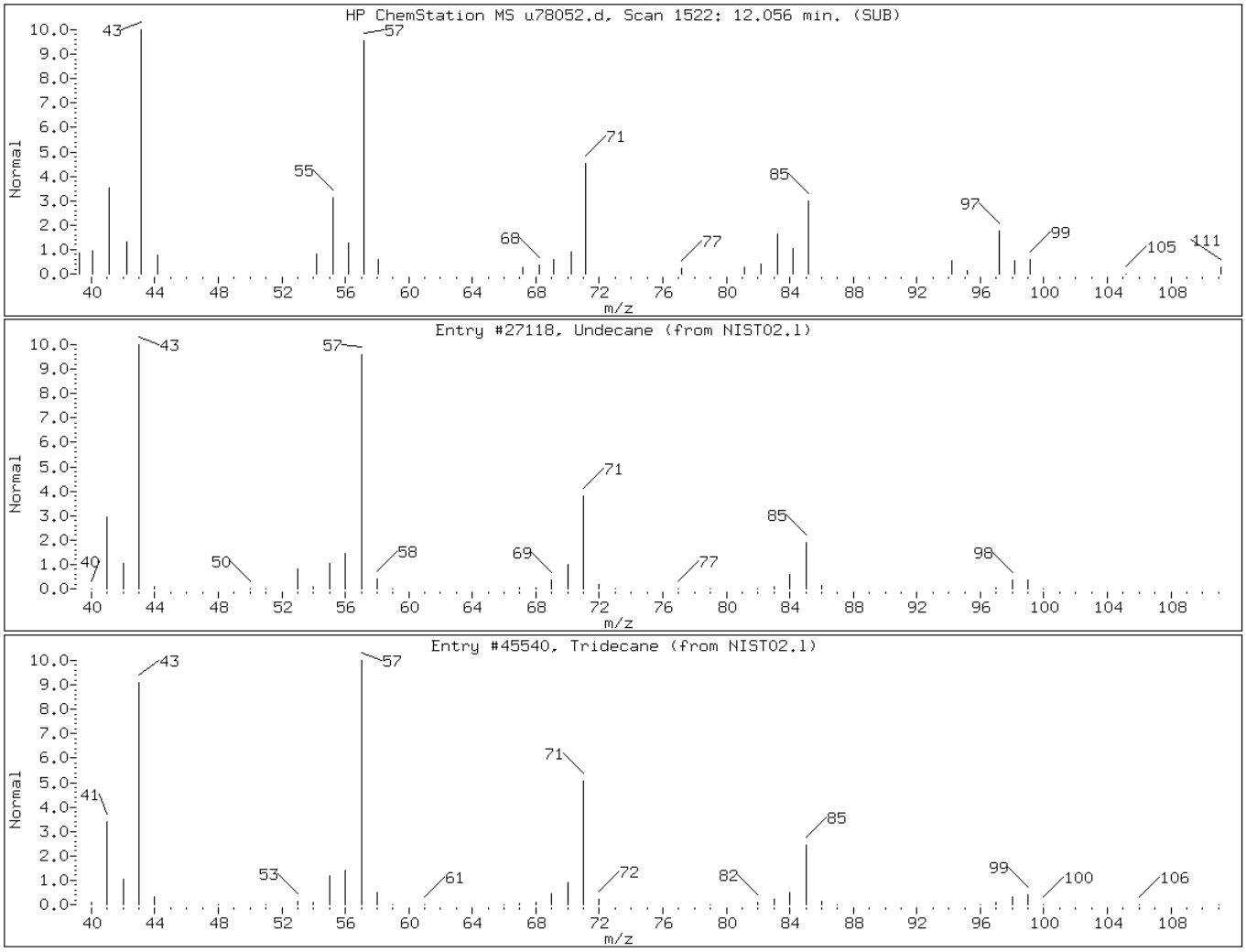
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 12.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	59	C11H24	156
Tridecane	629-50-5	NIST02.l	45540	59	C13H28	184



Data File: u78052.d

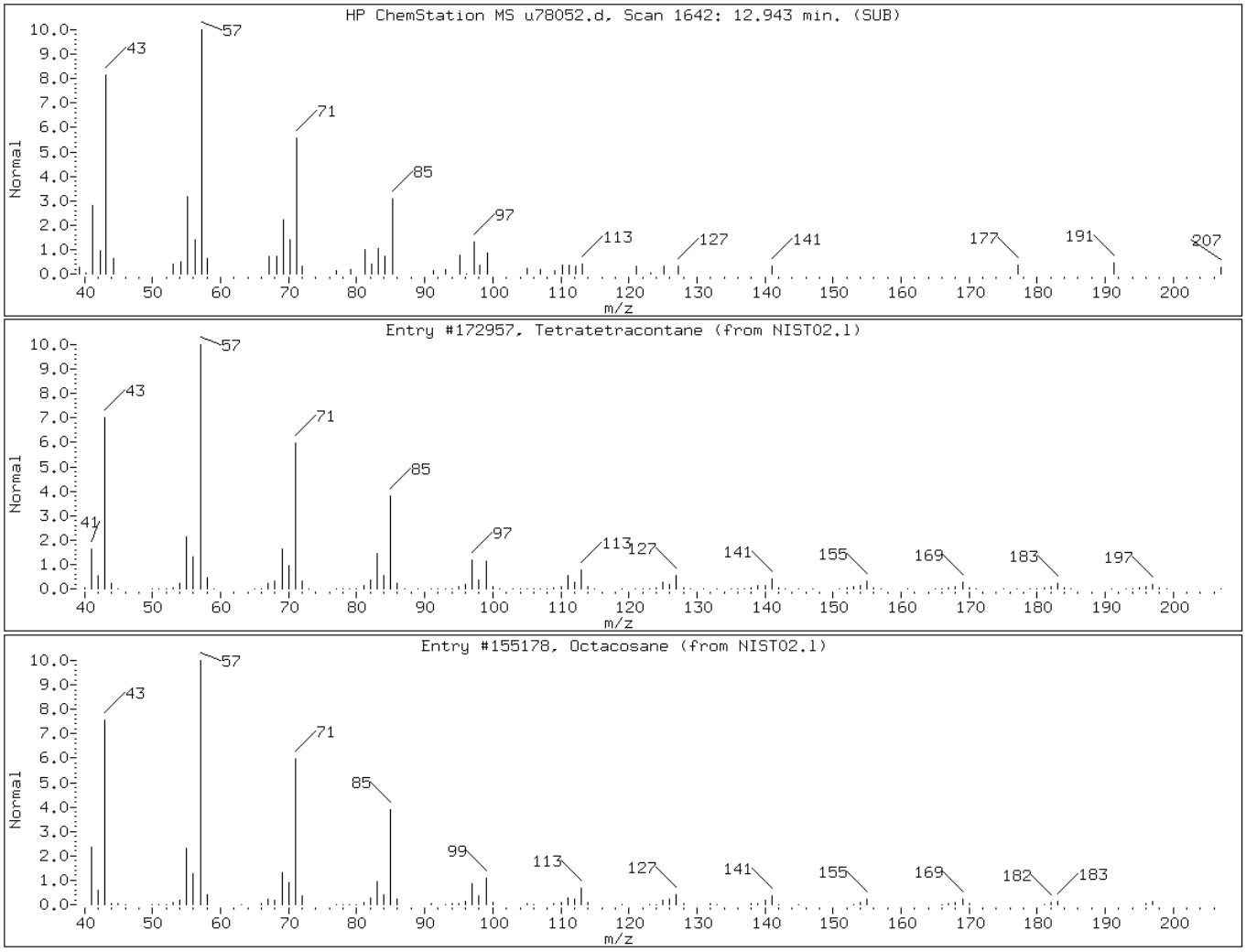
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetratetracontane	7098-22-8	NIST02.l	172957	80	C44H90	619
Octacosane	630-02-4	NIST02.l	155178	72	C28H58	394



Data File: u78052.d

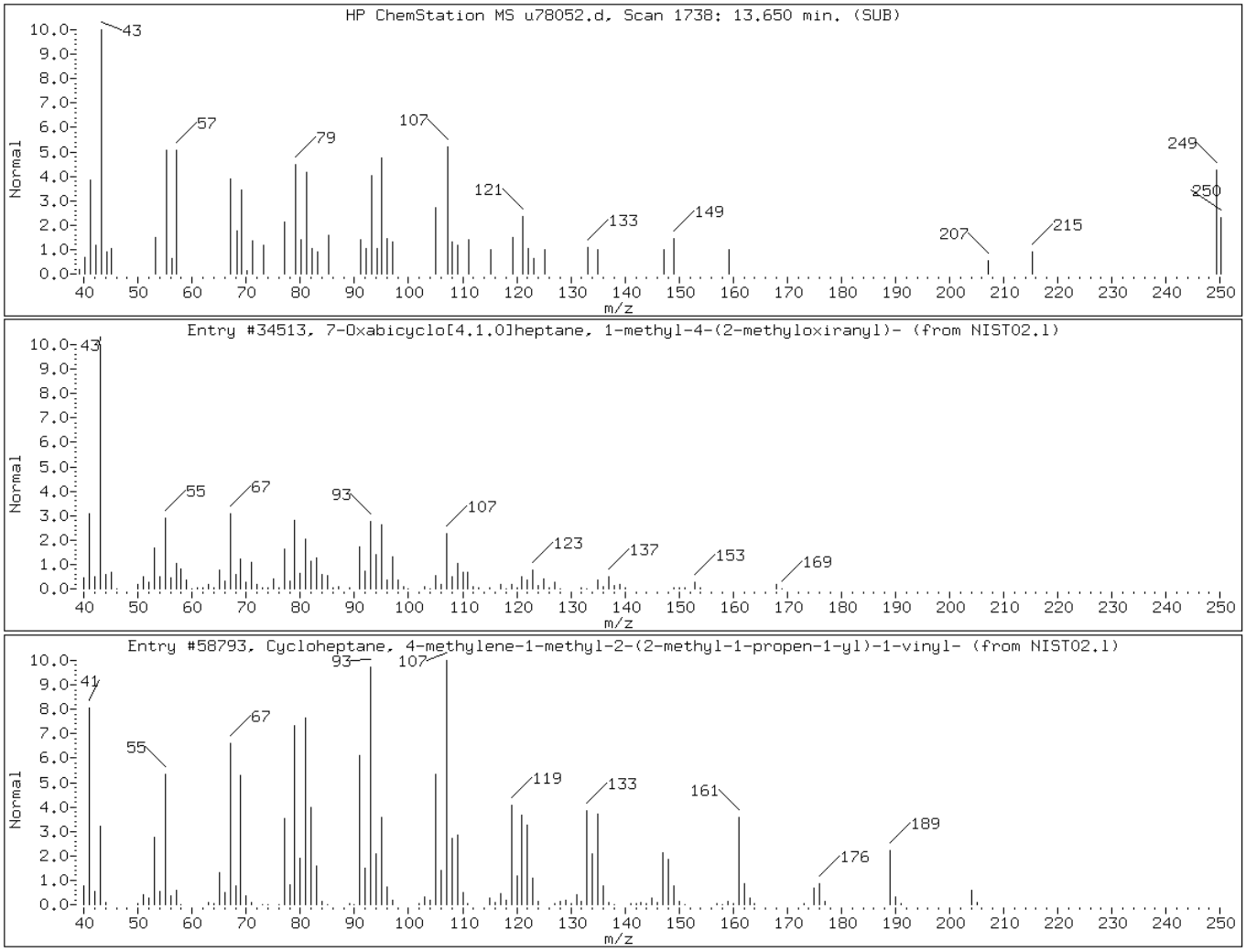
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 13.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
7-Oxabicyclo[4.1.0]heptane, 1-meth	96-08-2	NIST02.l	34513	38	C10H16O2	168
Cycloheptane, 4-methylene-1-methyl	1000159-38-5	NIST02.l	58793	38	C15H24	204



Data File: u78052.d

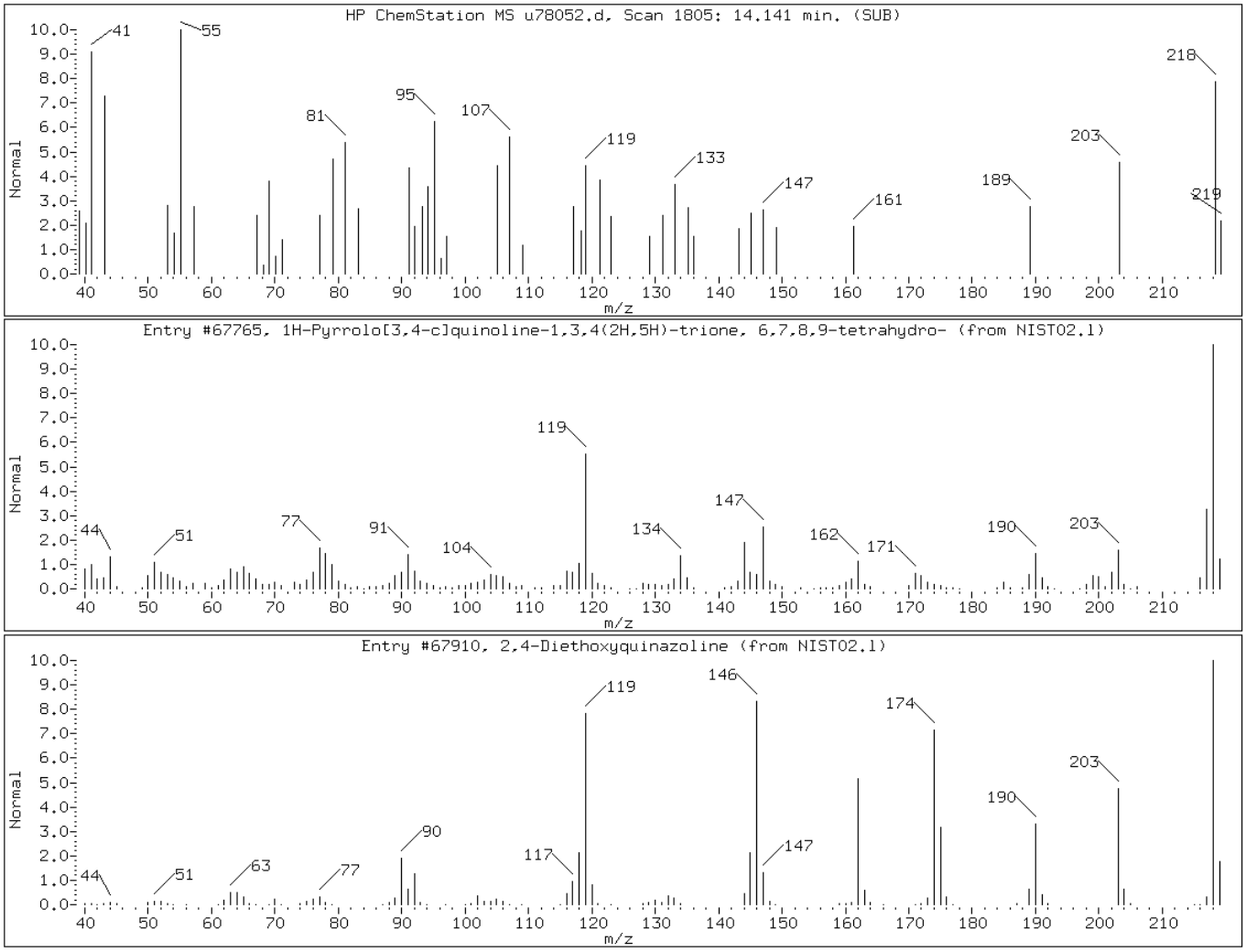
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 14.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1H-Pyrrolo[3,4-c]quinoline-1,3,4(2	181021-85-2	NIST02.l	67765	38	C11H10N2O3	218
2,4-Diethoxyquinazoline	611-65-4	NIST02.l	67910	25	C12H14N2O2	218



Data File: u78052.d

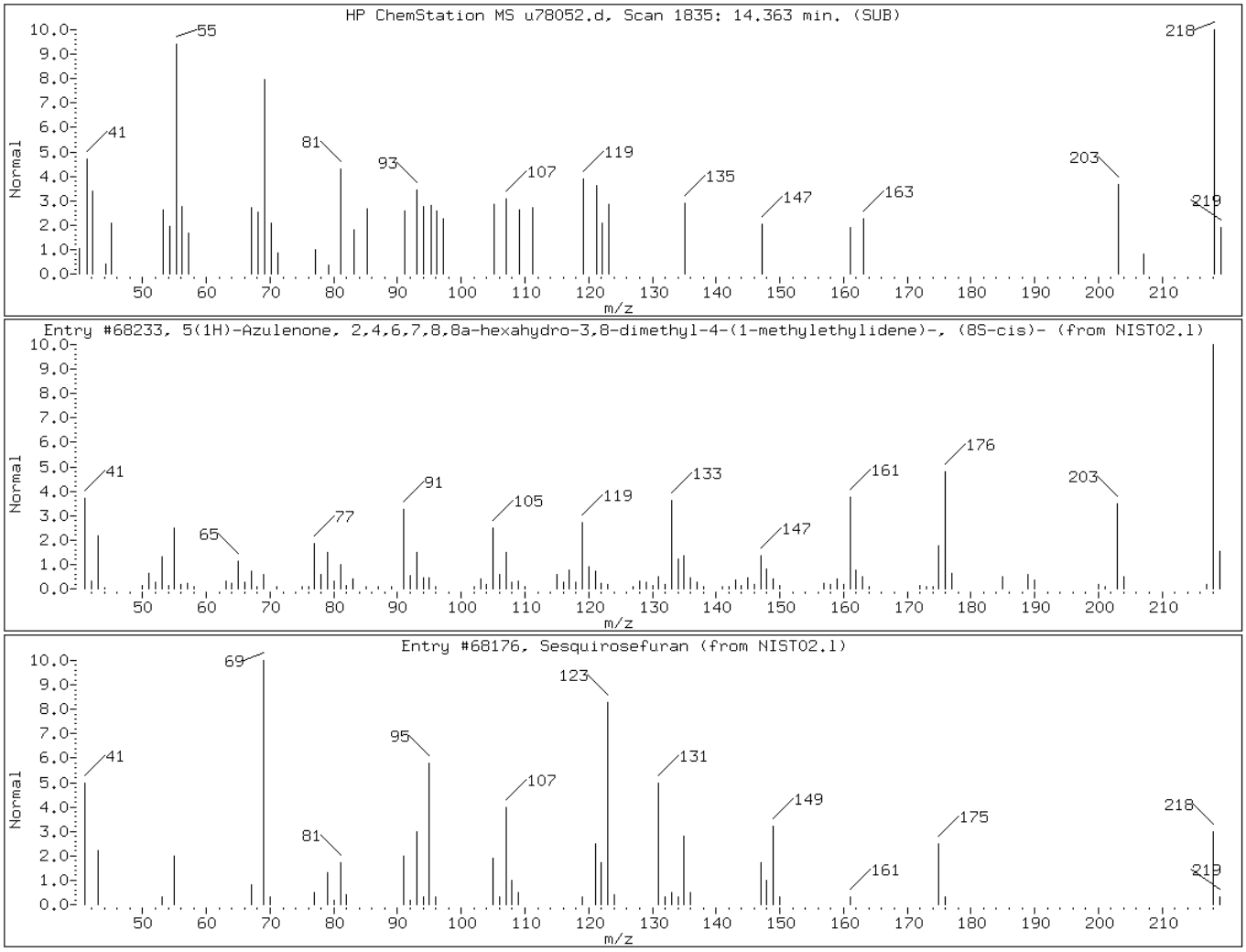
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 14.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
5(1H)-Azulenone, 2,4,6,7,8,8a-hexa	6754-66-1	NIST02.l	68233	46	C15H22O	218
Sesquirosefuran	39007-93-7	NIST02.l	68176	37	C15H22O	218



Data File: u78052.d

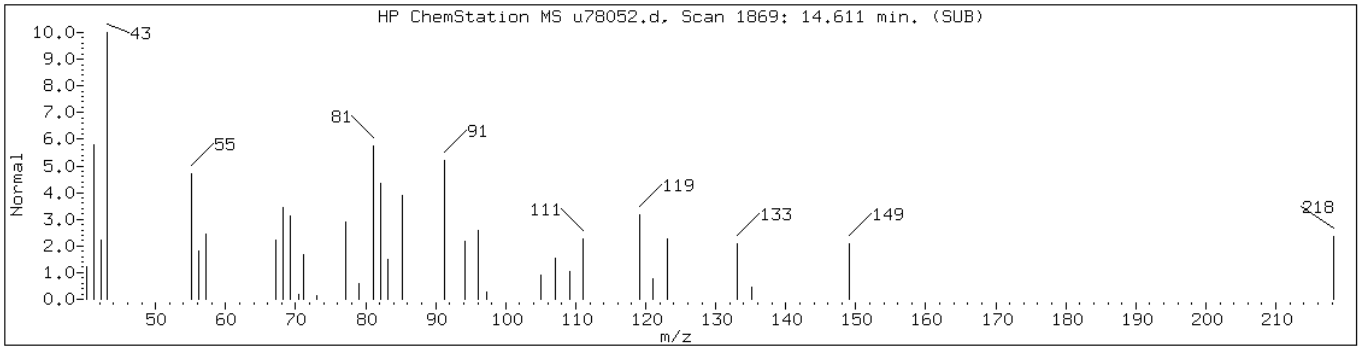
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 14.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Unknown						



Data File: u78052.d

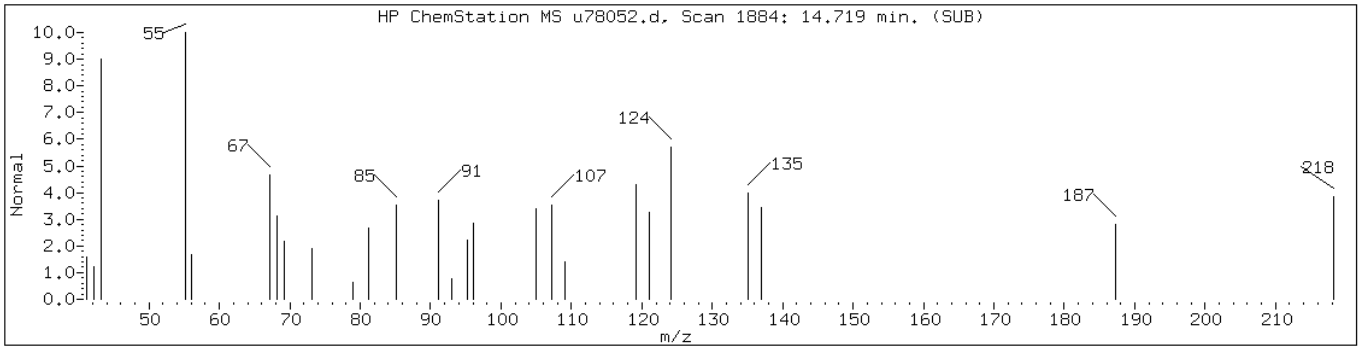
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 14.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Unknown						



Data File: u78052.d

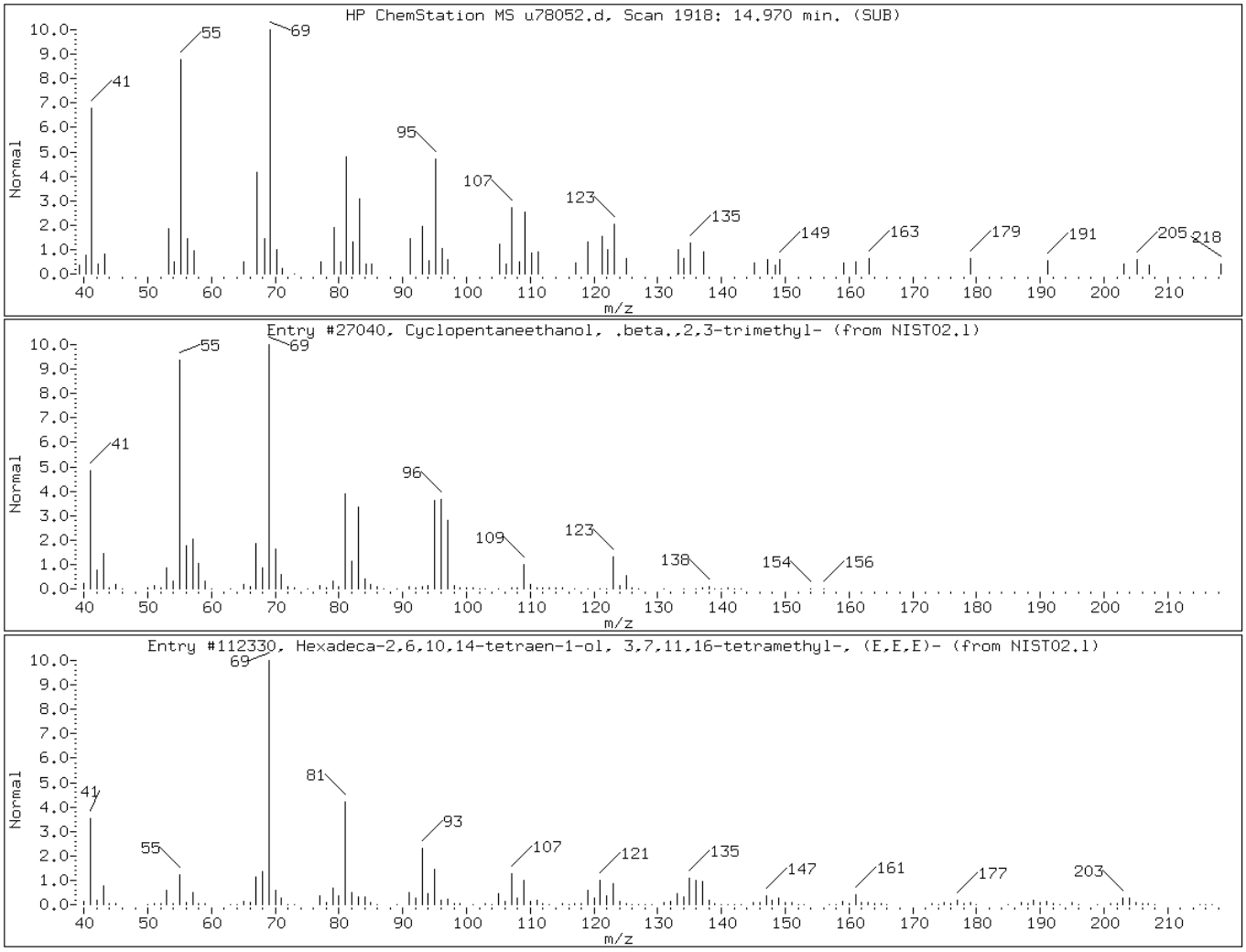
Date: 06-JUL-2012 17:43

Client ID: F-22 Instrument: BNAMS4.i

Sample Info: 460-41730-E-16-E Operator: BNAMS 4

Retention Time: 14.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Cyclopentaneethanol, .beta.,2,3-tr	21721-18-6	NIST02.l	27040	43	C10H20O	156
Hexadeca-2,6,10,14-tetraen-1-ol, 3	7614-21-3	NIST02.l	112330	43	C20H34O	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: p31662.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 14.99(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	220	U	1700	220
95-57-8	2-Chlorophenol	220	U	1700	220
95-48-7	2-Methylphenol	280	U	1700	280
106-44-5	4-Methylphenol	330	U	1700	330
100-52-7	Benzaldehyde	200	U	1700	200
98-86-2	Acetophenone	260	U	1700	260
111-44-4	Bis(2-chloroethyl)ether	23	U	170	23
108-60-1	2,2'-oxybis[1-chloropropane]	180	U	1700	180
621-64-7	N-Nitrosodi-n-propylamine	28	U	170	28
98-95-3	Nitrobenzene	24	U	170	24
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	200	U	1700	200
88-75-5	2-Nitrophenol	190	U	1700	190
105-67-9	2,4-Dimethylphenol	410	U	1700	410
120-83-2	2,4-Dichlorophenol	240	U	1700	240
111-91-1	Bis(2-chloroethoxy)methane	220	U	1700	220
91-20-3	Naphthalene	190	U	1700	190
106-47-8	4-Chloroaniline	440	U	1700	440
87-68-3	Hexachlorobutadiene	41	U	340	41
105-60-2	Caprolactam	380	U	1700	380
59-50-7	4-Chloro-3-methylphenol	250	U	1700	250
91-57-6	2-Methylnaphthalene	320	J	1700	210
118-74-1	Hexachlorobenzene	23	U	170	23
77-47-4	Hexachlorocyclopentadiene	200	U	1700	200
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	220	U	1700	220
92-52-4	Diphenyl	220	U	1700	220
91-58-7	2-Chloronaphthalene	190	U	1700	190
88-74-4	2-Nitroaniline	700	U	3400	700
606-20-2	2,6-Dinitrotoluene	50	U	340	50
131-11-3	Dimethyl phthalate	200	U	1700	200
208-96-8	Acenaphthylene	200	U	1700	200
99-09-2	3-Nitroaniline	590	U	3400	590
83-32-9	Acenaphthene	240	U	1700	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: p31662.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 14.99(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5000	1100
51-28-5	2,4-Dinitrophenol	950	U	5000	950
132-64-9	Dibenzofuran	200	U	1700	200
84-66-2	Diethyl phthalate	200	U	1700	200
86-73-7	Fluorene	210	U	1700	210
206-44-0	Fluoranthene	350	J	1700	220
84-74-2	Di-n-butyl phthalate	210	U	1700	210
121-14-2	2,4-Dinitrotoluene	55	U	340	55
7005-72-3	4-Chlorophenyl phenyl ether	200	U	1700	200
100-01-6	4-Nitroaniline	520	U	3400	520
534-52-1	4,6-Dinitro-2-methylphenol	450	U	5000	450
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	260	U	1700	260
120-12-7	Anthracene	200	U	1700	200
86-74-8	Carbazole	200	U	1700	200
85-01-8	Phenanthrene	360	J	1700	210
87-86-5	Pentachlorophenol	500	U	5000	500
129-00-0	Pyrene	640	J	1700	140
218-01-9	Chrysene	350	J	1700	190
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	120	U	1700	120
205-99-2	Benzo[b]fluoranthene	250		170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	230		170	12
86-30-6	N-Nitrosodiphenylamine	160	U	1700	160
85-68-7	Butyl benzyl phthalate	150	U	1700	150
117-81-7	Bis(2-ethylhexyl) phthalate	2200		1700	560
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	31	U	170	31
53-70-3	Dibenz(a,h)anthracene	21	U	170	21
91-94-1	3,3'-Dichlorobenzidine	590	U	3400	590
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	1700	220
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	1700	220
123-91-1	1,4-Dioxane	120	U	1700	120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 Lab Sample ID: 460-41730-17

Matrix: Solid Lab File ID: p31662.d

Analysis Method: 8270C Date Collected: 06/26/2012 11:32

Extract. Method: 3541 Date Extracted: 07/03/2012 19:53

Sample wt/vol: 14.99(g) Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 60.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: p31662.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 14.99(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 2.826e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000293-16-6	18-Norabietane	9.18	31000	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	10.03	22000	J N
	Unknown-1	11.84	28000	J
747-90-0	Cholesta-3,5-diene	12.50	21000	J N
	Unknown Sterol-1	13.42	1100000	J
601-53-6	Cholestan-3-one, (5.beta.)-	13.57	450000	J N
	Unknown Sterol-2	13.60	160000	J
15600-08-5	Cholestan-3-one	13.74	40000	J N
	Unknown Sterol-3	13.85	75000	J
	Unknown Sterol-4	13.99	100000	J
601-57-0	Cholest-4-en-3-one	14.09	49000	J N
	Unknown Sterol-5	14.14	26000	J
	Unknown Sterol-6	14.27	300000	J
	Unknown-2	14.34	41000	J
	Unknown Sterol-7	14.44	150000	J
	Unknown Sterol-8	14.49	110000	J
	Unknown-3	14.65	46000	J
	Unknown Sterol-9	14.71	22000	J
	Unknown-4	14.82	24000	J
	Unknown-5	14.88	31000	J

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31662.d
Report Date: 09-Jul-2012 02:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31662.d
Lab Smp Id: 460-41730-E-17-L Client Smp ID: F-23
Inj Date : 06-JUL-2012 17:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41730-E-17-L
Misc Info : 460-41730-E-17-L
Comment   :
Method   : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 22
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.99000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.308	2.296	(0.633)	993713	38.3125	13000
$ 17 Phenol-d5 (SUR)	99	3.301	3.313	(0.905)	1191711	37.9323	13000
* 79 1,4-Dichlorobenzene-d4	152	3.648	3.648	(1.000)	769189	40.0000	
22 1,4-Dichlorobenzene	146	3.665	3.665	(1.005)	25917	0.86360	290(a)
23 1,2-Dichlorobenzene	146	3.841	3.836	(1.053)	12240	0.43401	150(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.288	4.300	(0.847)	544513	19.5426	6600
* 80 Naphthalene-d8	136	5.064	5.069	(1.000)	2351922	40.0000	
31 Naphthalene	128	5.081	5.087	(1.003)	35104	0.42349	140(a)
34 2-Methylnaphthalene	142	5.821	5.822	(1.150)	36970	0.93865	320(a)
120 1-Methylnaphthalene	142	5.921	5.921	(1.169)	20848	0.52078	180(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.215	6.215	(0.905)	720657	20.8108	7000
125 1,3-Dimethylnaphthalene	156	6.538	6.544	(0.952)	36985	1.43737	480(a)
* 82 Acenaphthene-d10	164	6.867	6.867	(1.000)	1005595	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31662.d
Report Date: 09-Jul-2012 02:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	43 Dibenzofuran	168	7.073	7.073	(1.030)	17040	0.46548	160(a)
	47 Fluorene	166	7.408	7.414	(1.079)	14195	0.47219	160(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.655	7.655	(1.115)	124043	30.5248	10000
*	83 Phenanthrene-d10	188	8.319	8.325	(1.000)	1051087	40.0000	
	52 Phenanthrene	178	8.342	8.348	(1.003)	31140	1.07126	360(a)
	53 Anthracene	178	8.395	8.395	(1.009)	7371	0.25320	85(a)
	56 Fluoranthene	202	9.505	9.506	(1.143)	26902	1.04992	350(a)
	57 Pyrene	202	9.723	9.717	(0.891)	43319	1.90257	640(a)
$	78 Terphenyl-d14	244	9.899	9.899	(0.907)	285960	18.1925	6100
	61 Benzo(a)anthracene	228	10.904	10.898	(0.999)	11148	0.67229	230(H)
*	81 Chrysene-d12	240	10.916	10.910	(1.000)	538262	40.0000	
	62 Chrysene	228	10.939	10.939	(1.002)	15279	1.03726	350(a)
	63 bis(2-Ethylhexyl)phthalate	149	10.986	10.992	(1.006)	83557	6.59412	2200
	65 Benzo(b)fluoranthene	252	12.108	12.097	(0.964)	14271	0.73184	250
*	84 Perylene-d12	264	12.561	12.549	(1.000)	635948	40.0000	

QC Flag Legend

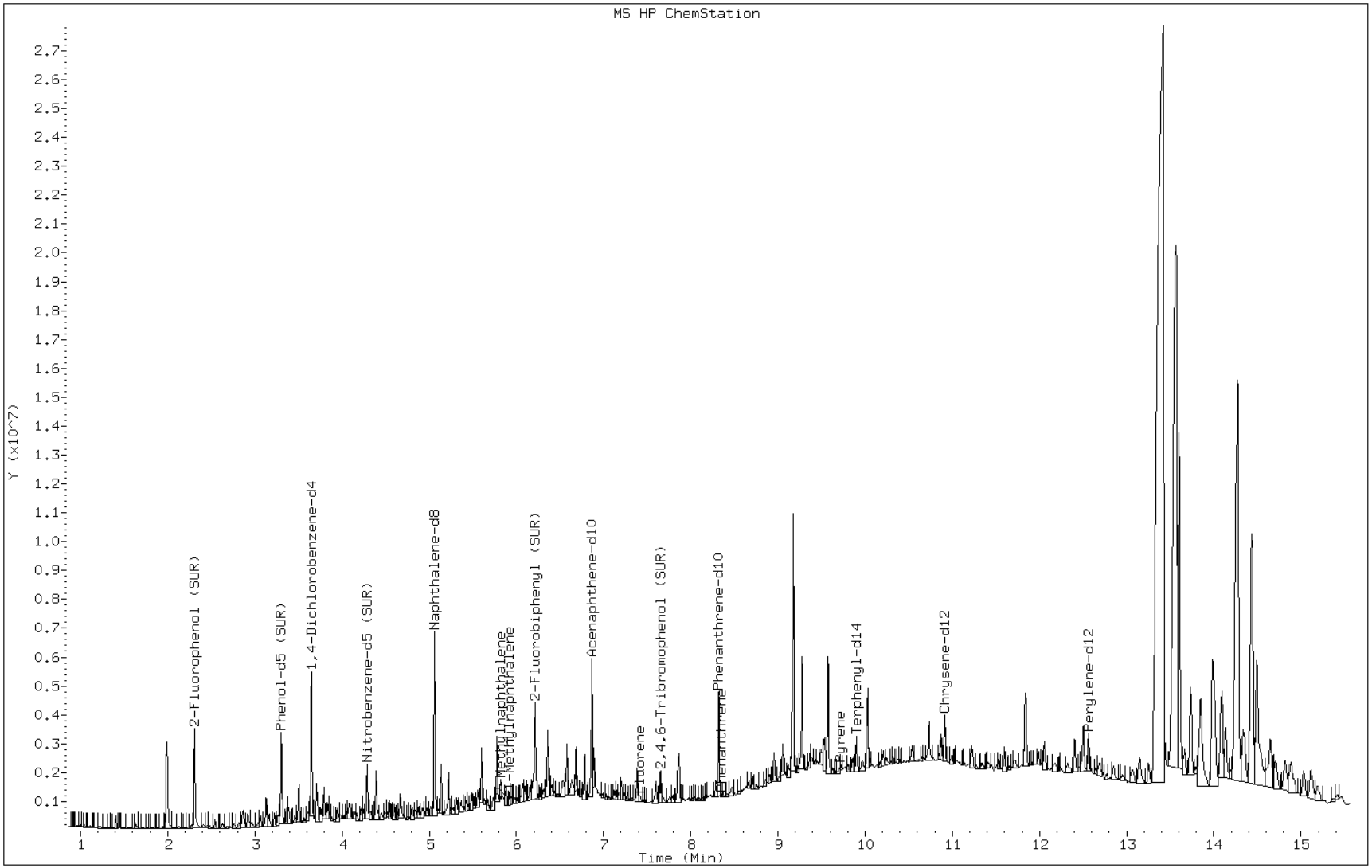
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4



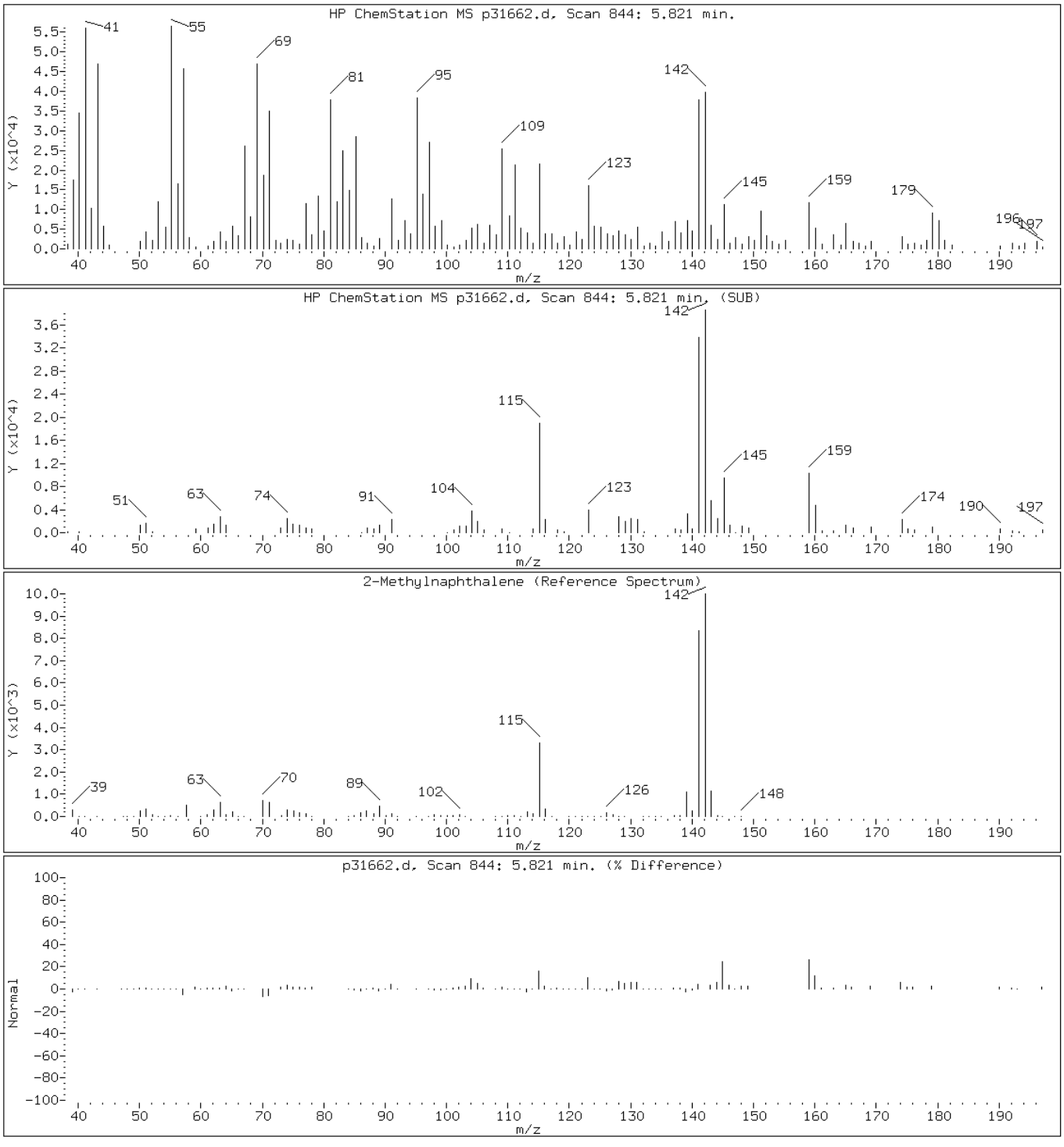
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

34 2-Methylnaphthalene



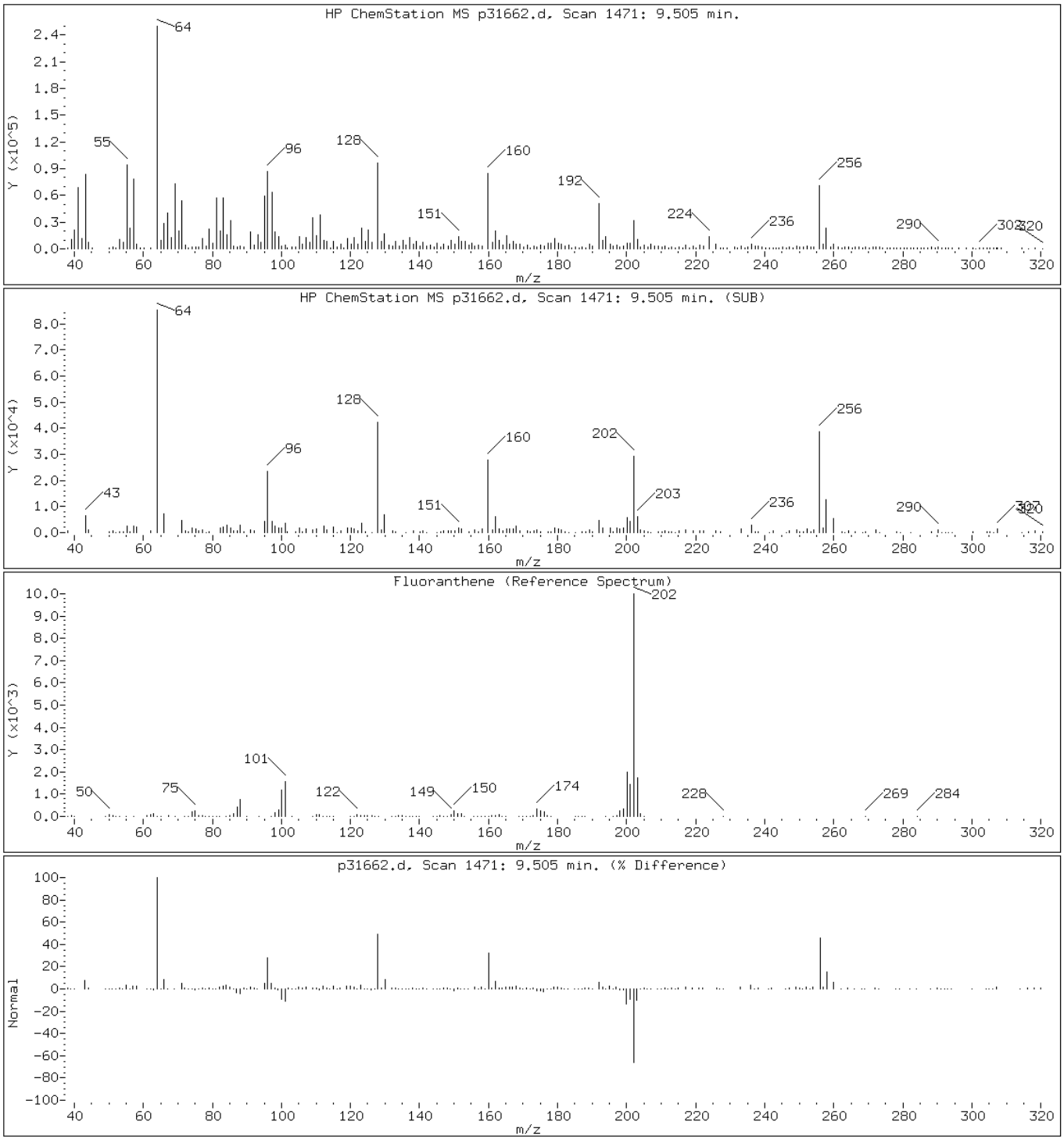
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

56 Fluoranthene



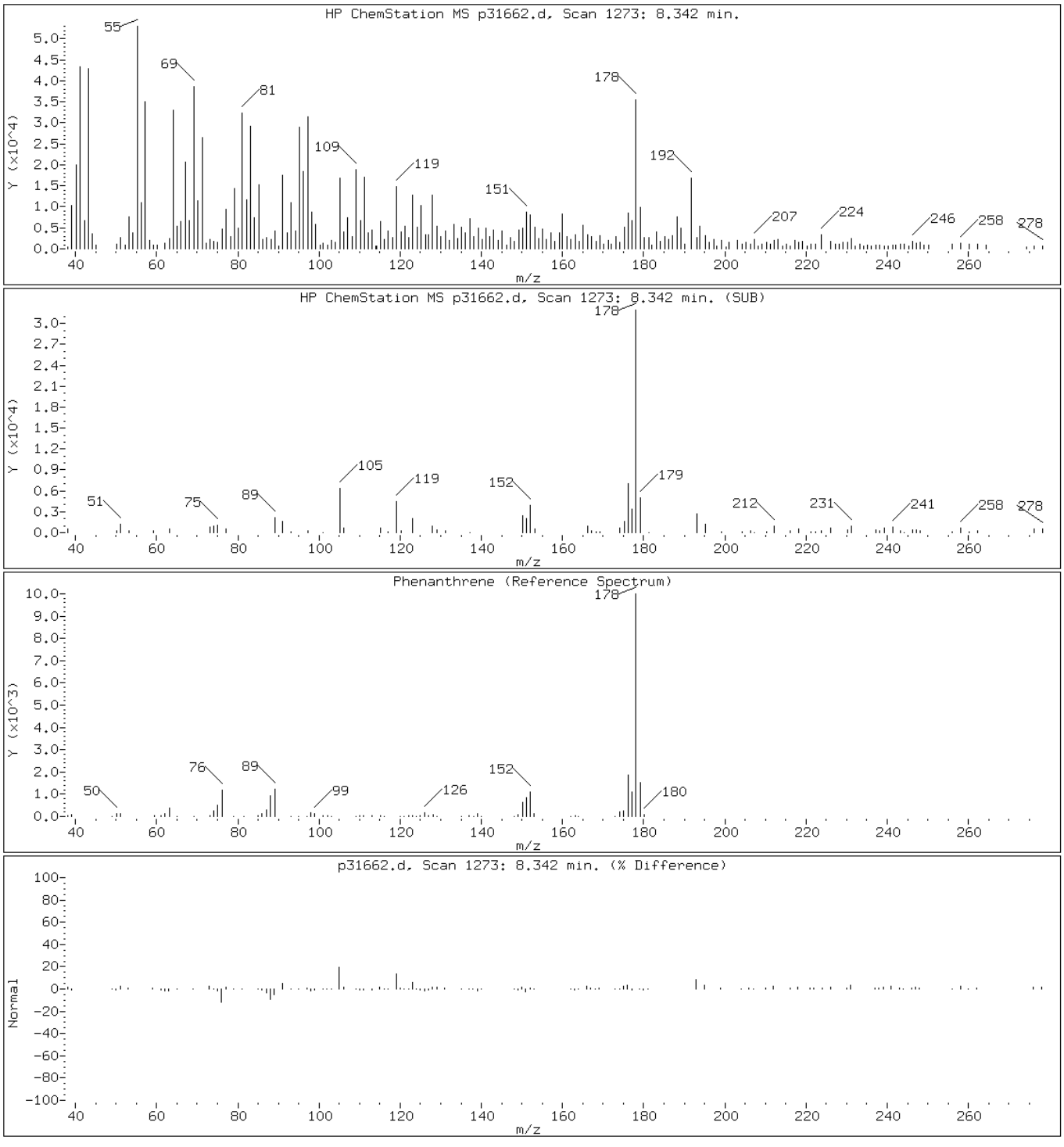
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

52 Phenanthrene



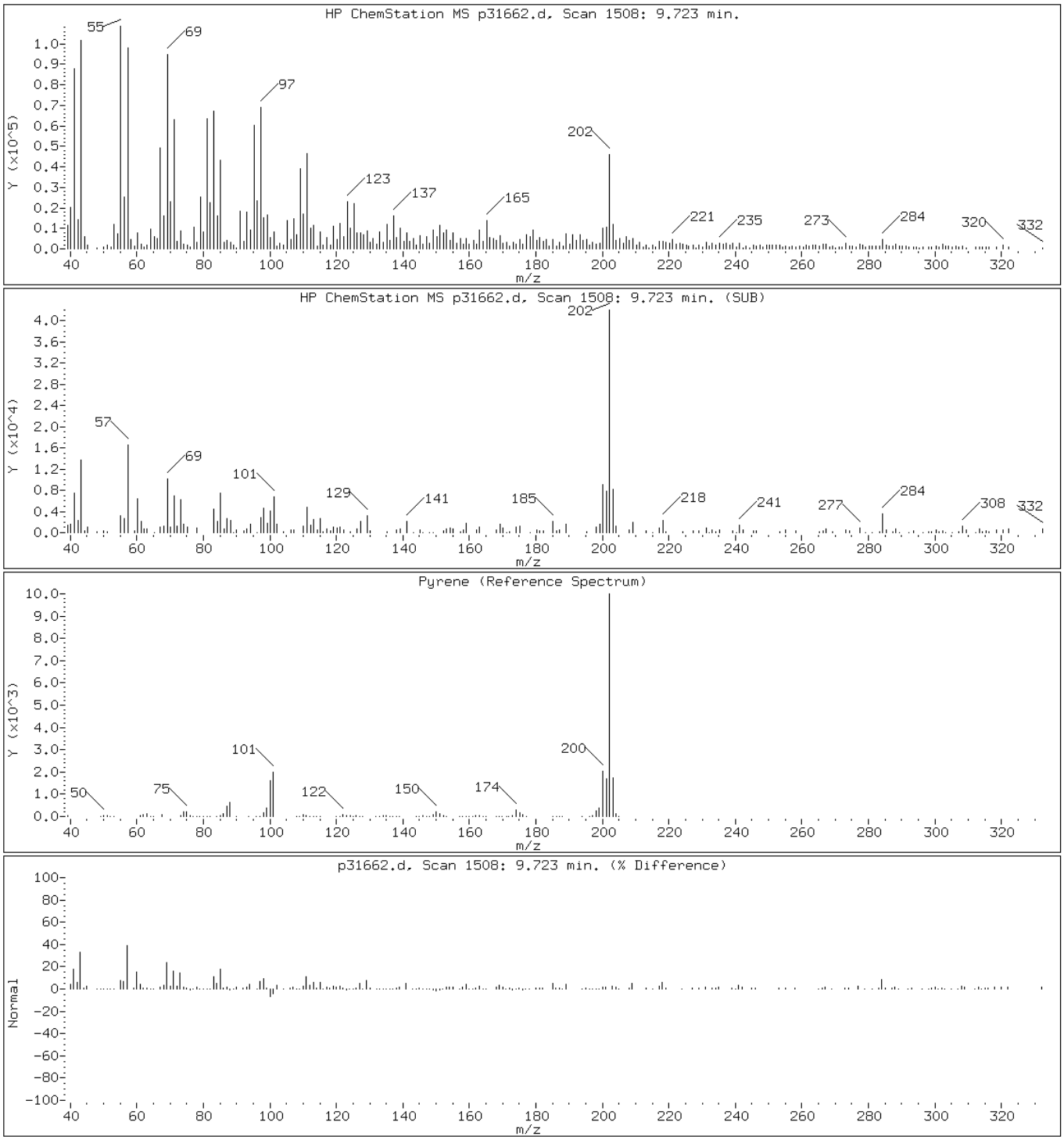
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

57 Pyrene



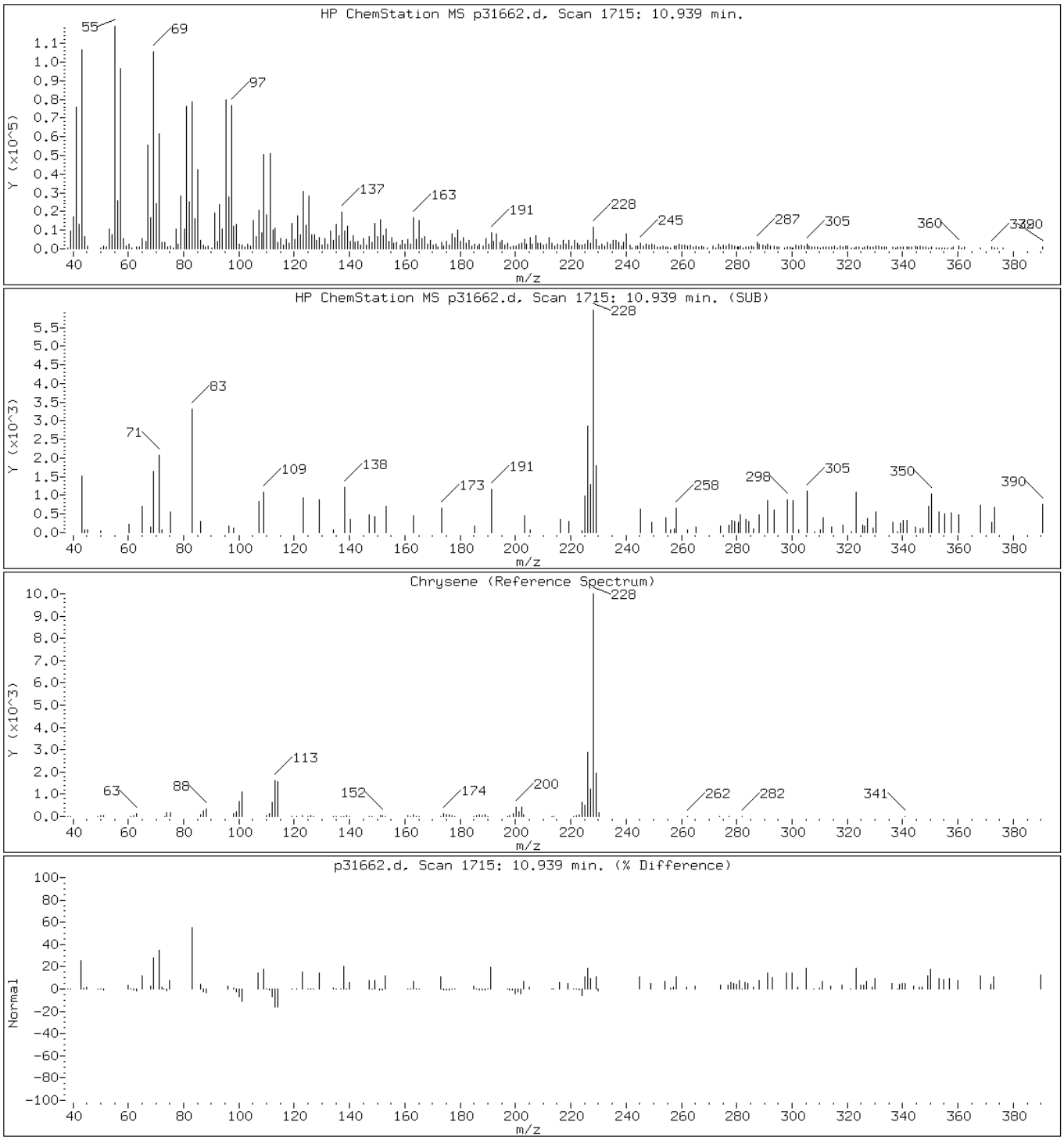
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

62 Chrysene



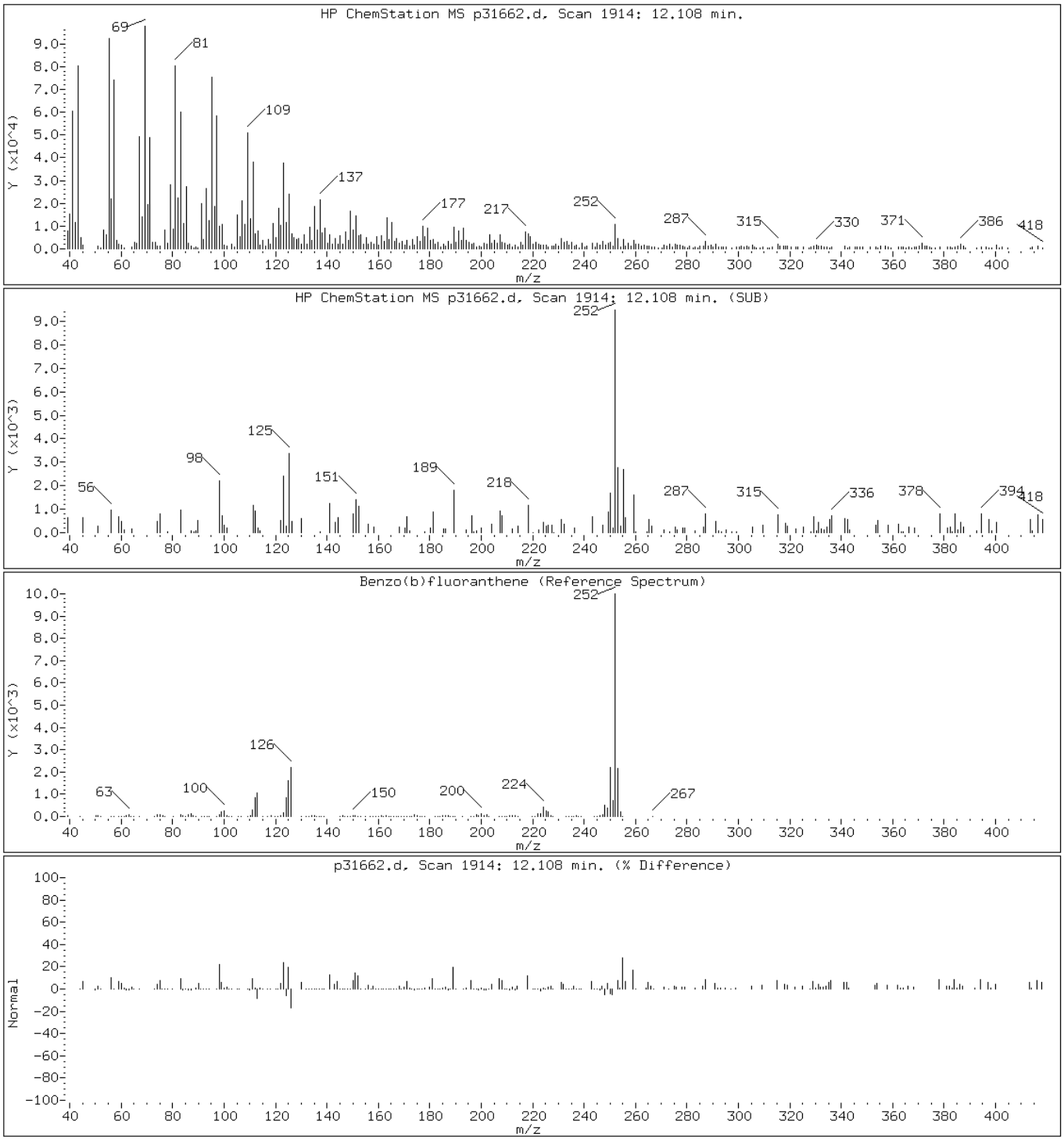
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

65 Benzo(b)fluoranthene



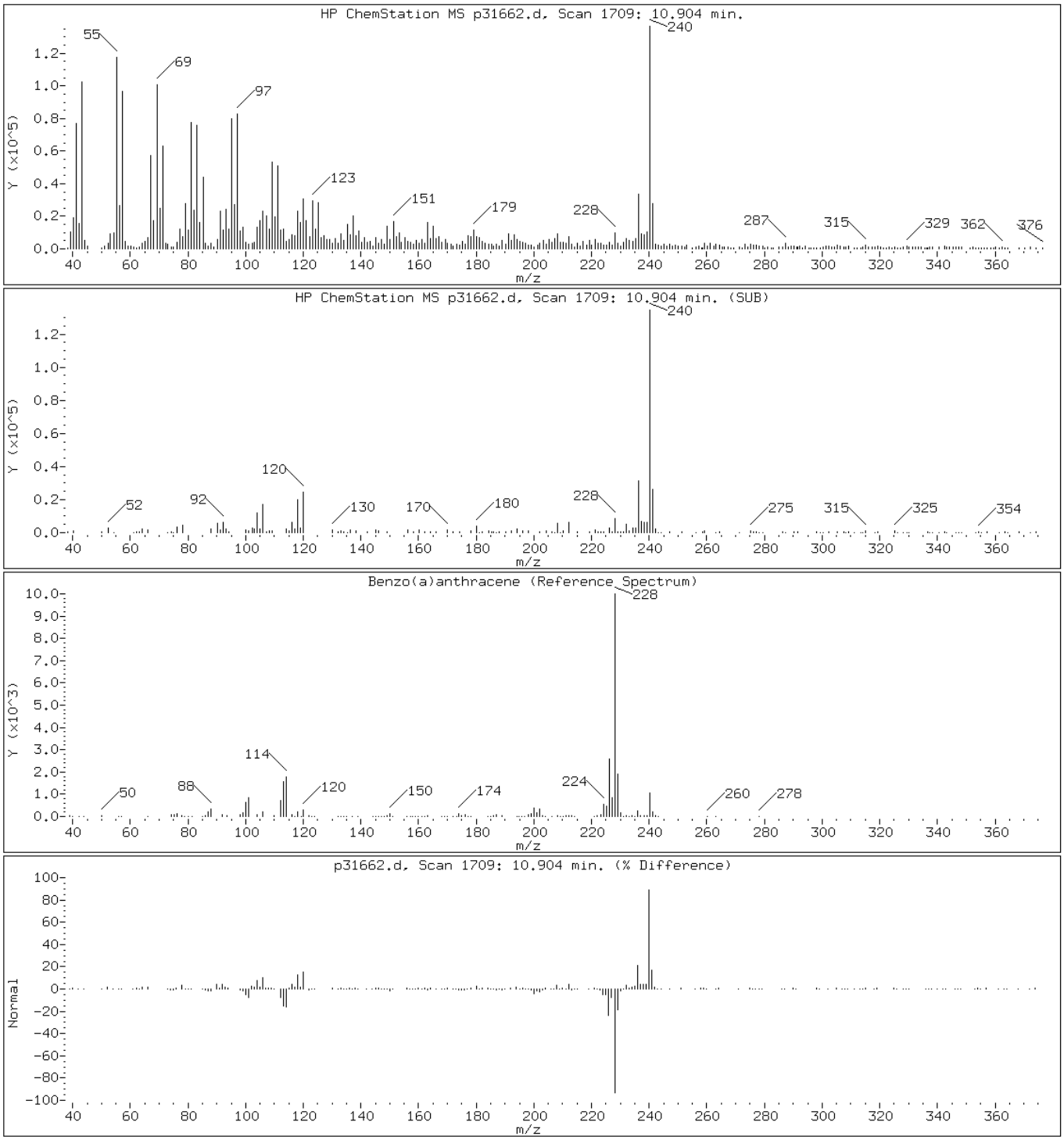
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

61 Benzo(a)anthracene



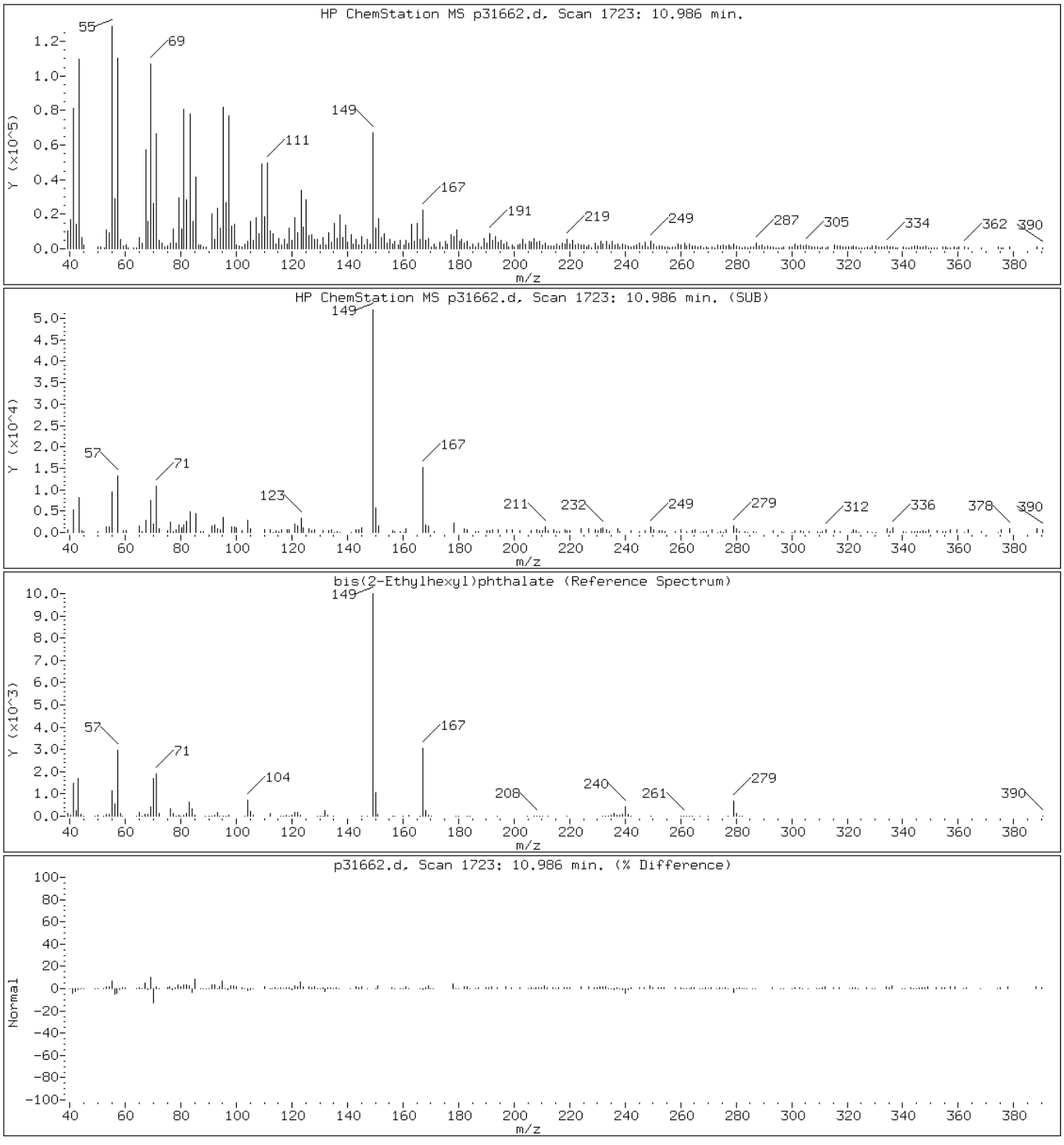
Data File: p31662.d

Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: p31662.d

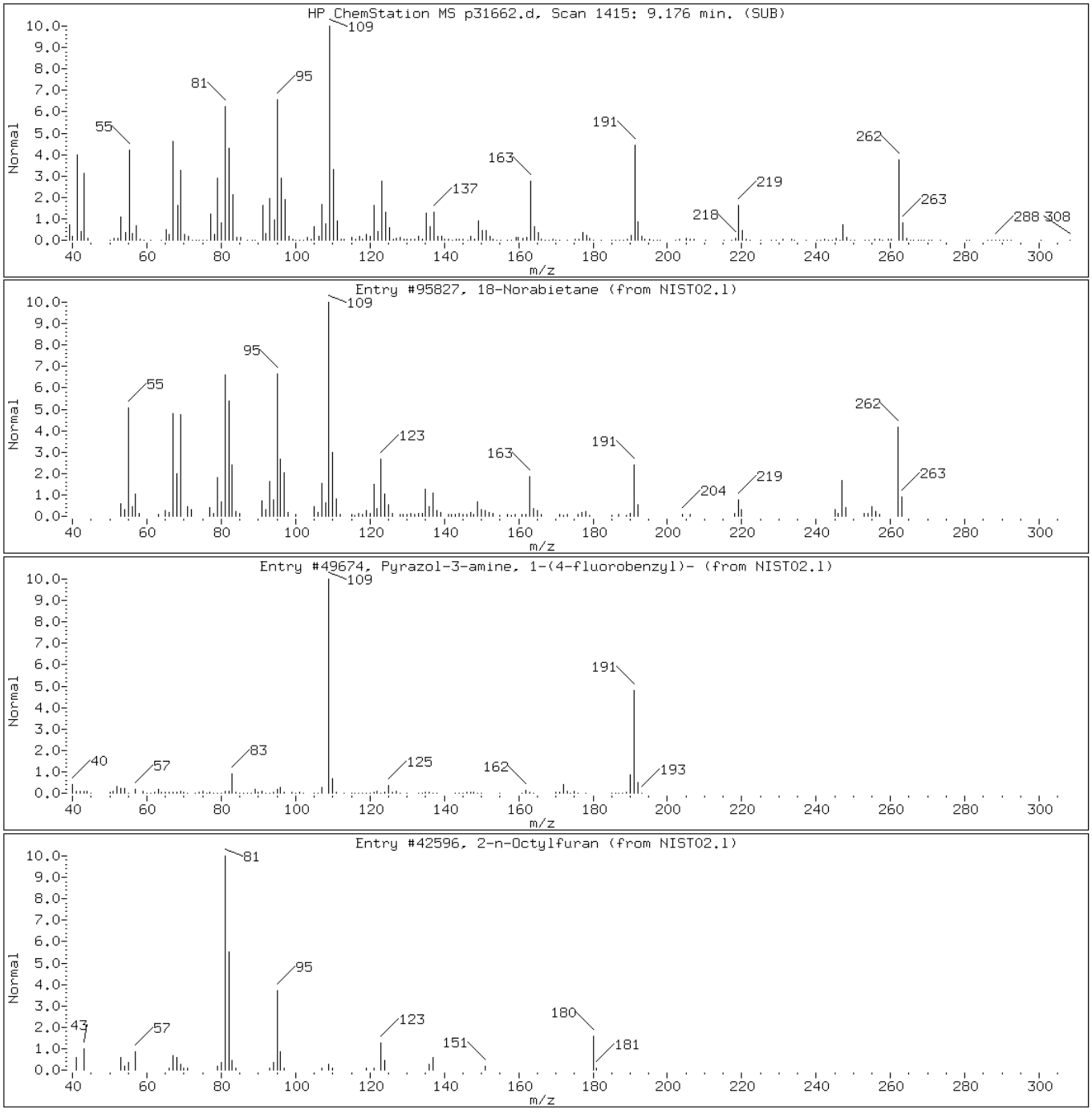
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
18-Norabietane	1000293-16-6	NIST02.l	95827	93	C19H34	262
Pyrazol-3-amine, 1-(4-fluorobenzyl	1000272-83-2	NIST02.l	49674	27	C10H10FN3	191
2-n-Octylfuran	4179-38-8	NIST02.l	42596	22	C12H20O	180



Data File: p31662.d

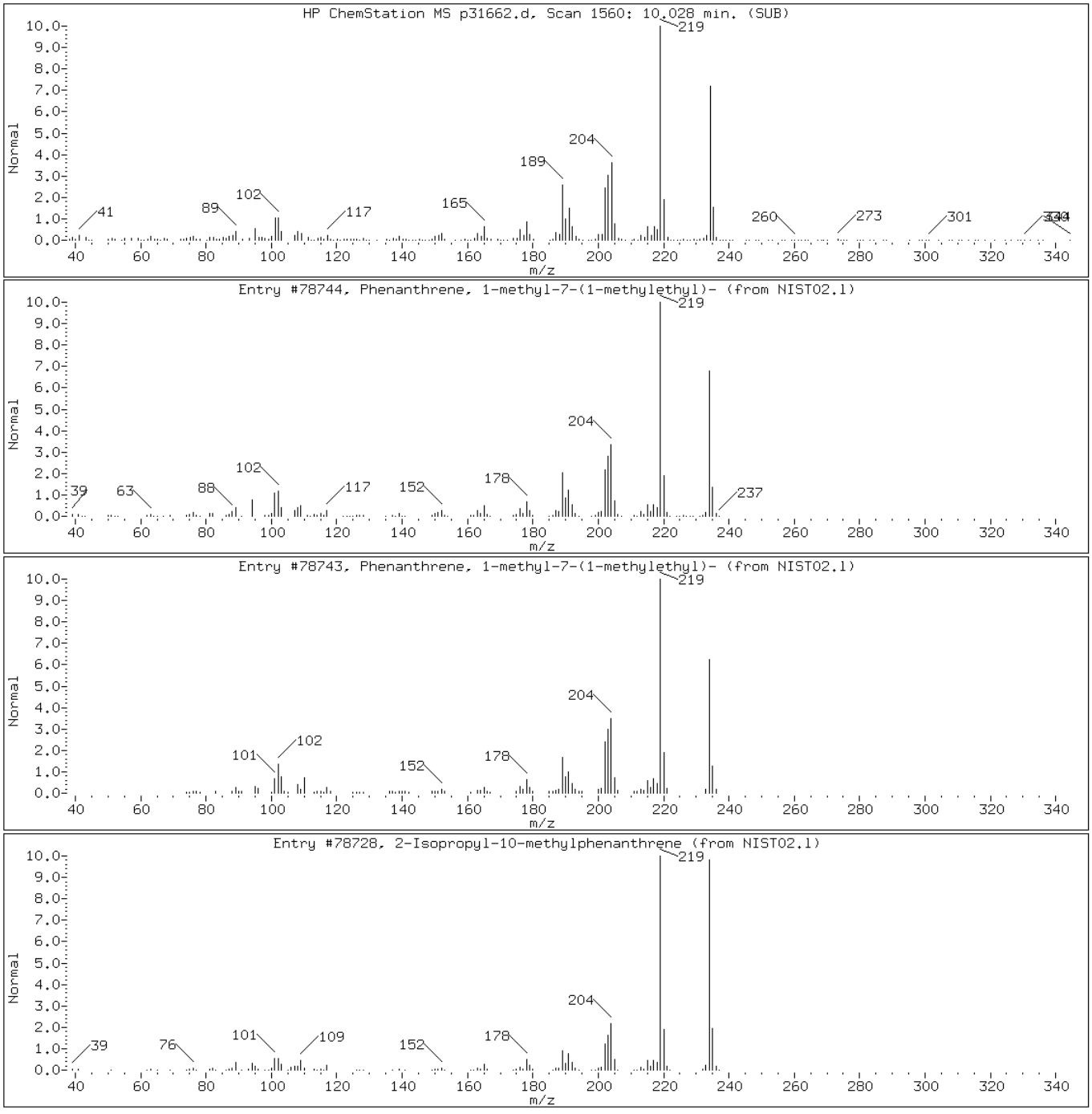
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78744	99	C18H18	234
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78743	95	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	93	C18H18	234



Data File: p31662.d

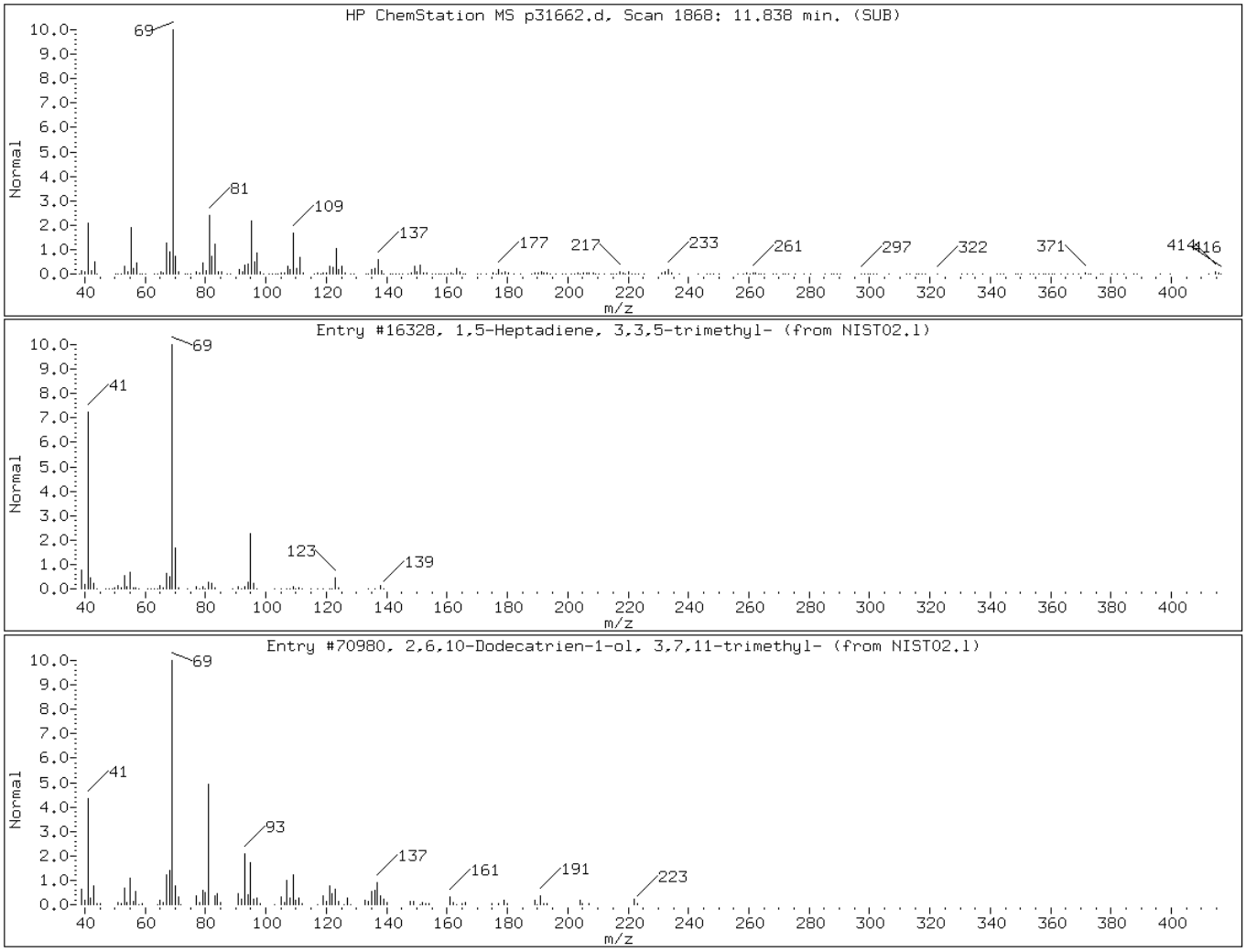
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 11.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1,5-Heptadiene, 3,3,5-trimethyl-	74630-29-8	NIST02.l	16328	53	C10H18	138
2,6,10-Dodecatrien-1-ol, 3,7,11-tr	4602-84-0	NIST02.l	70980	53	C15H26O	222



Data File: p31662.d

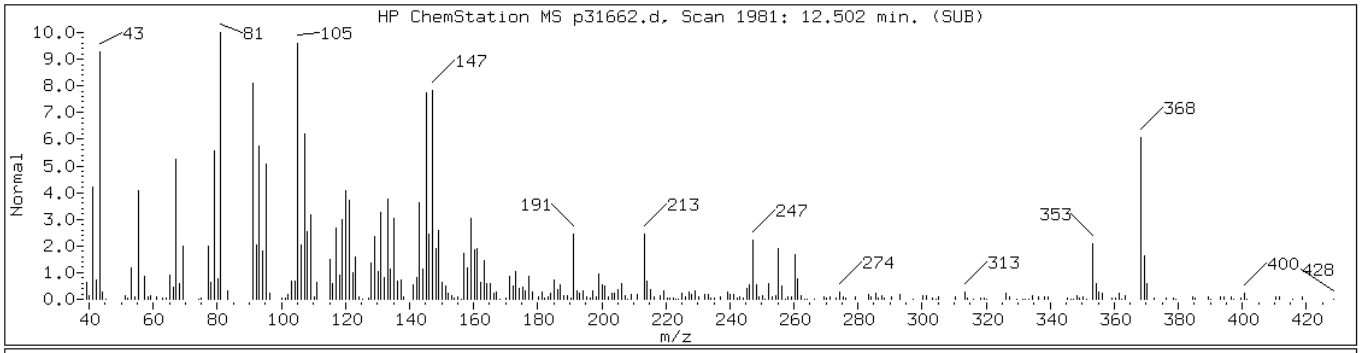
Date: 06-JUL-2012 17:23

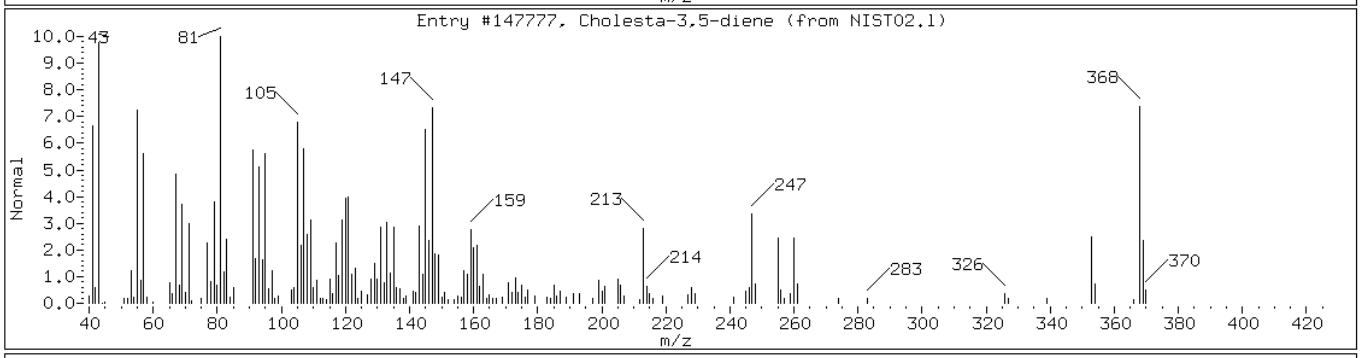
Client ID: F-23 Instrument: BNAMS10.i

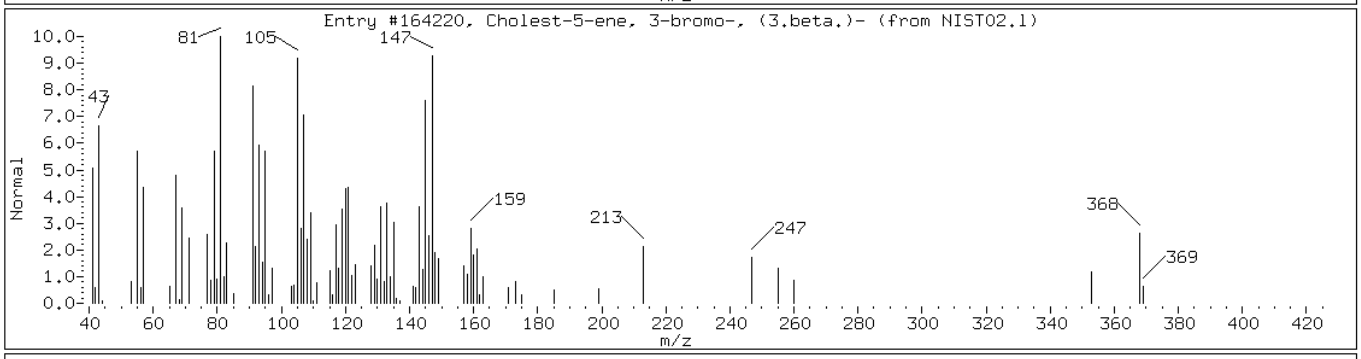
Sample Info: 460-41730-E-17-L Operator: BNAMS 4

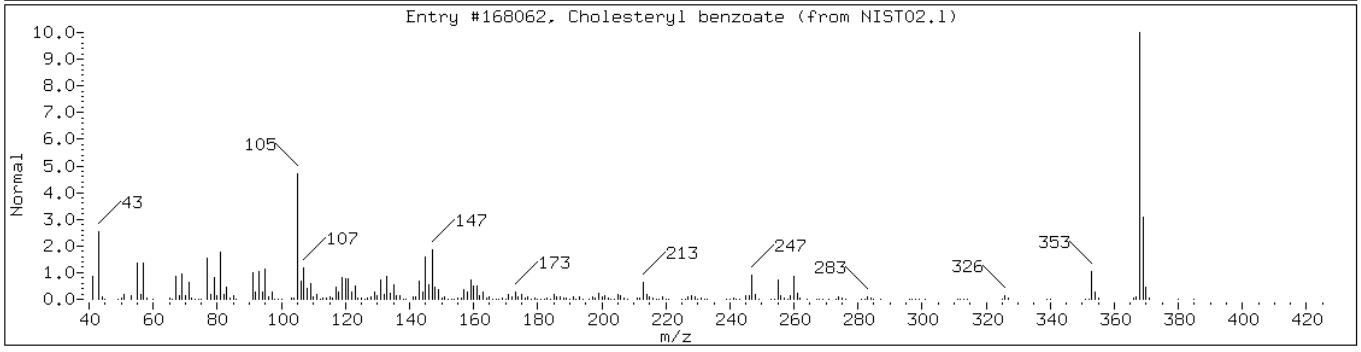
Retention Time: 12.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholesta-3,5-diene	747-90-0	NIST02.l	147777	95	C27H44	368
Cholest-5-ene, 3-bromo-, (3.beta.)	516-91-6	NIST02.l	164220	93	C27H45Br	448
Cholesteryl benzoate	604-32-0	NIST02.l	168062	86	C34H50O2	490









Data File: p31662.d

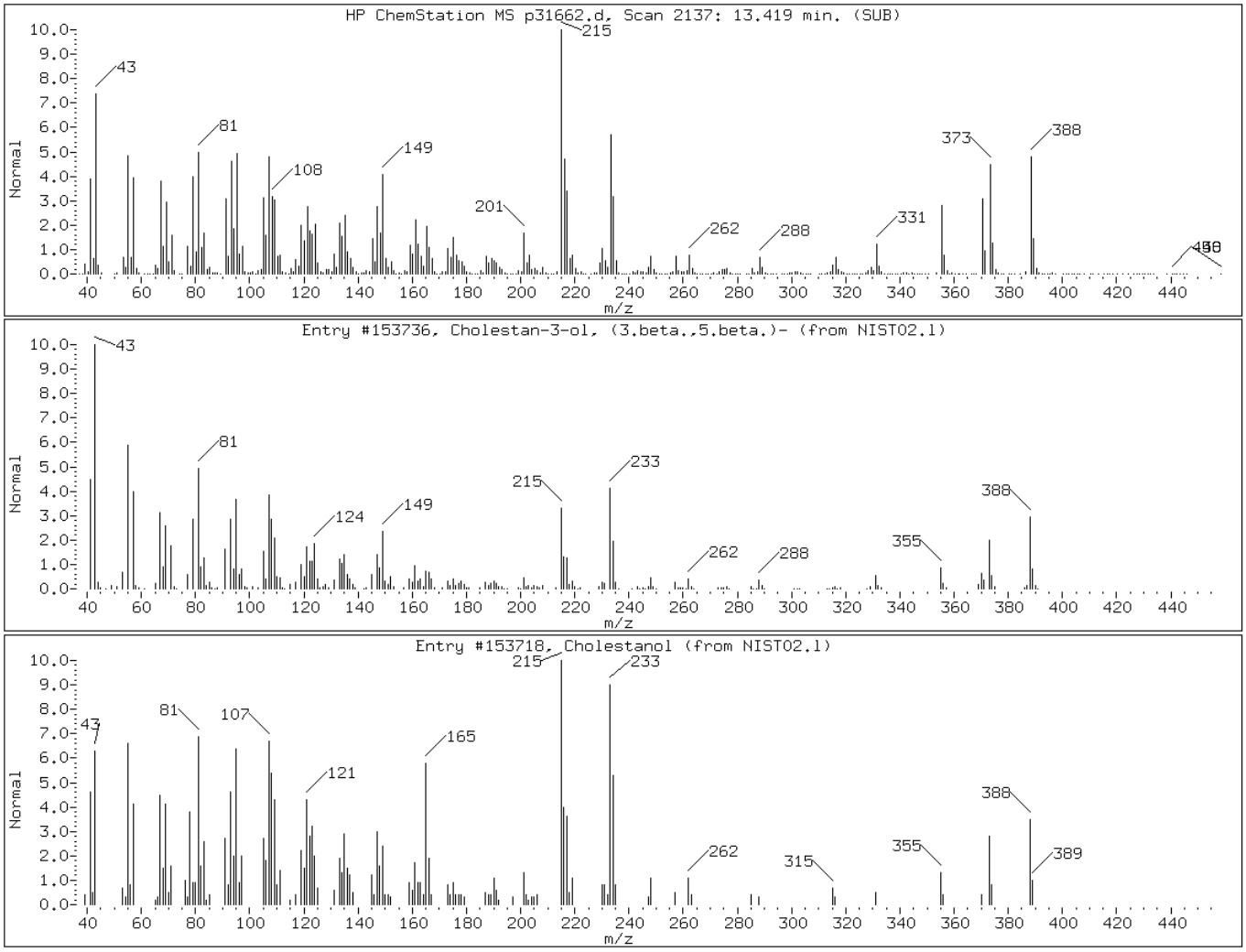
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-1						
Cholestan-3-ol, (3.beta.,5.beta.)-	360-68-9	NIST02.l	153736	92	C27H48O	388
Cholestanol	80-97-7	NIST02.l	153718	83	C27H48O	388



Data File: p31662.d

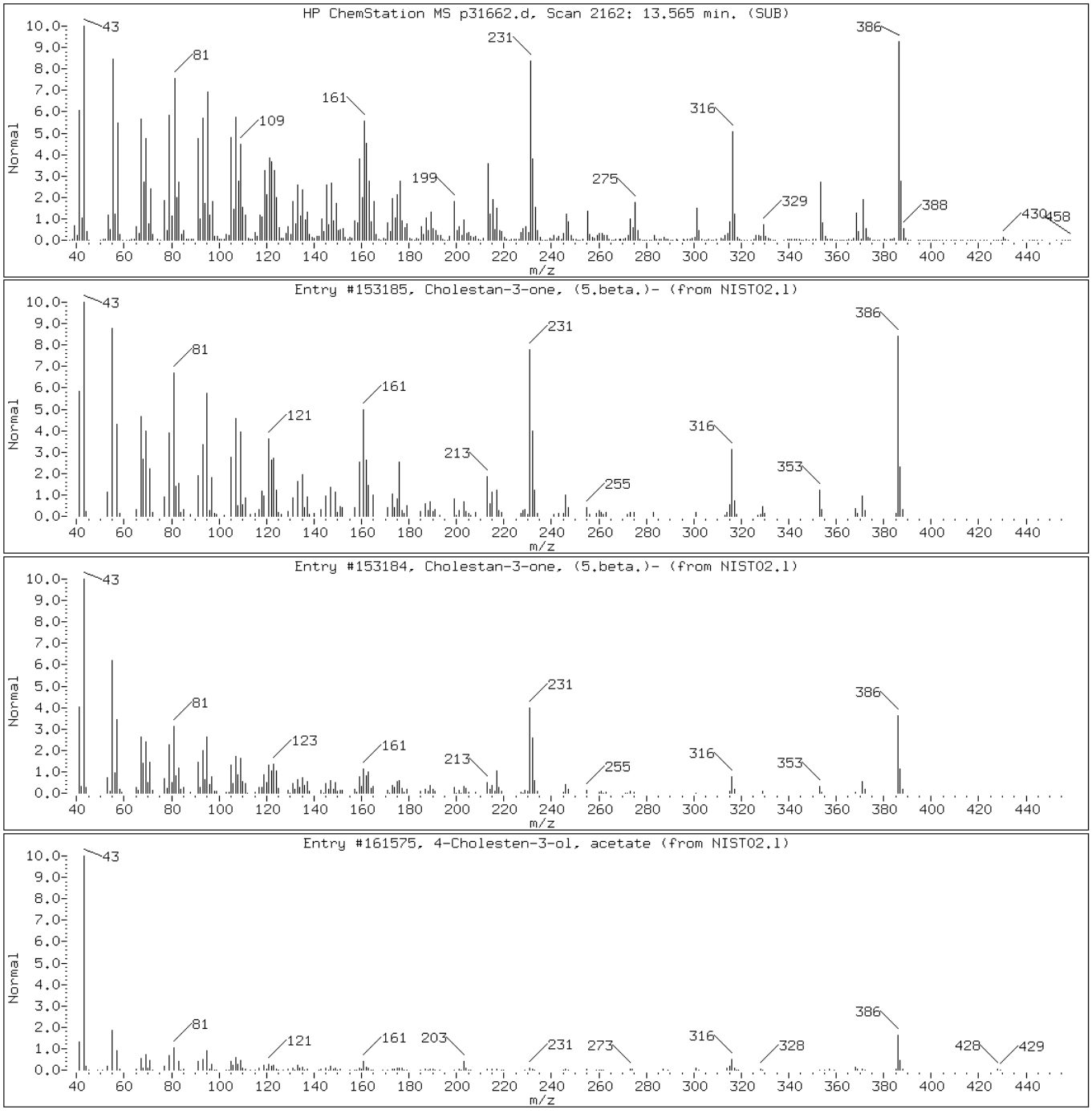
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153185	99	C27H46O	386
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153184	91	C27H46O	386
4-Cholesten-3-ol, acetate	51260-27-6	NIST02.l	161575	89	C29H48O2	428



Data File: p31662.d

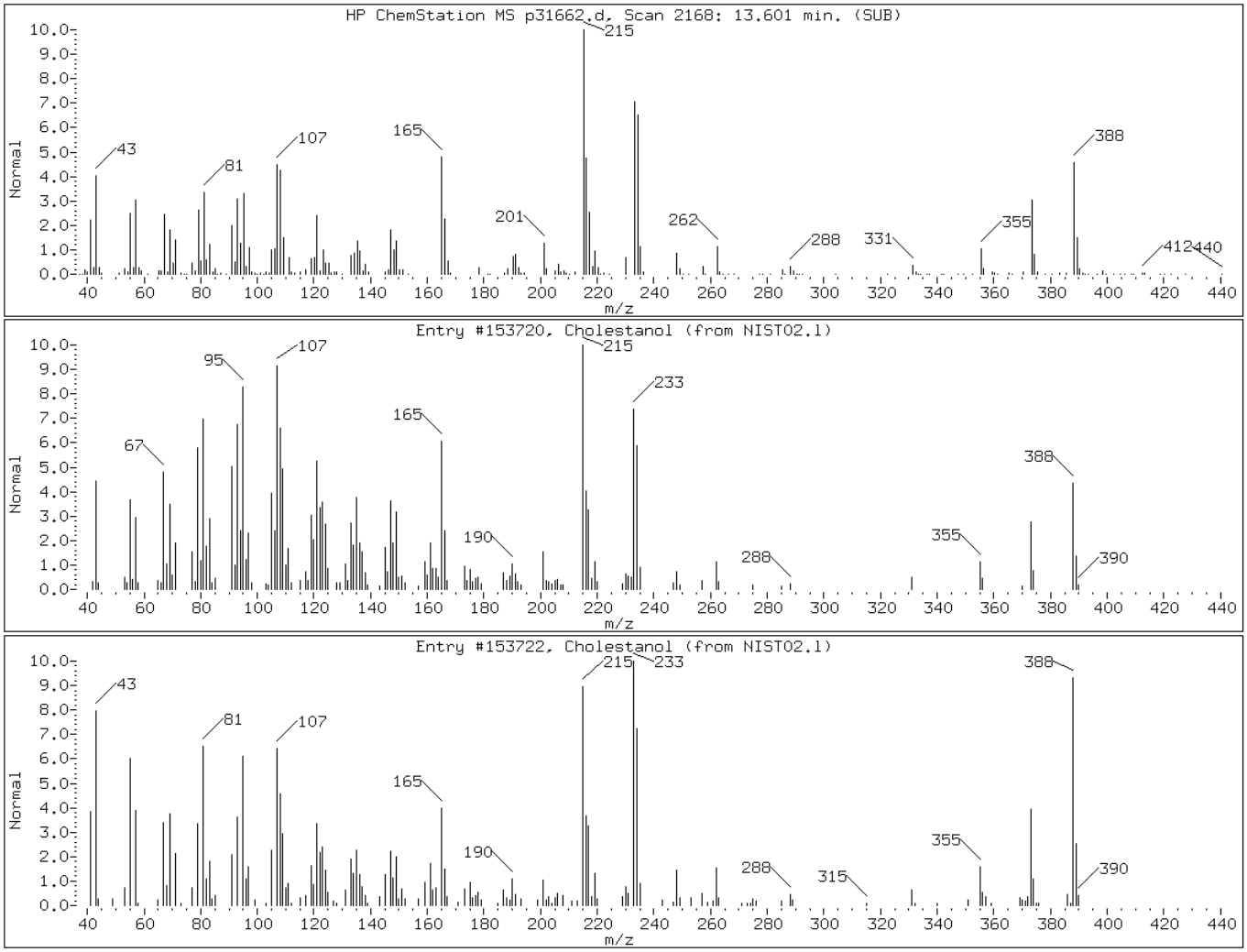
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-2						
Cholestanol	80-97-7	NIST02.l	153720	94	C27H48O	388
Cholestanol	80-97-7	NIST02.l	153722	89	C27H48O	388



Data File: p31662.d

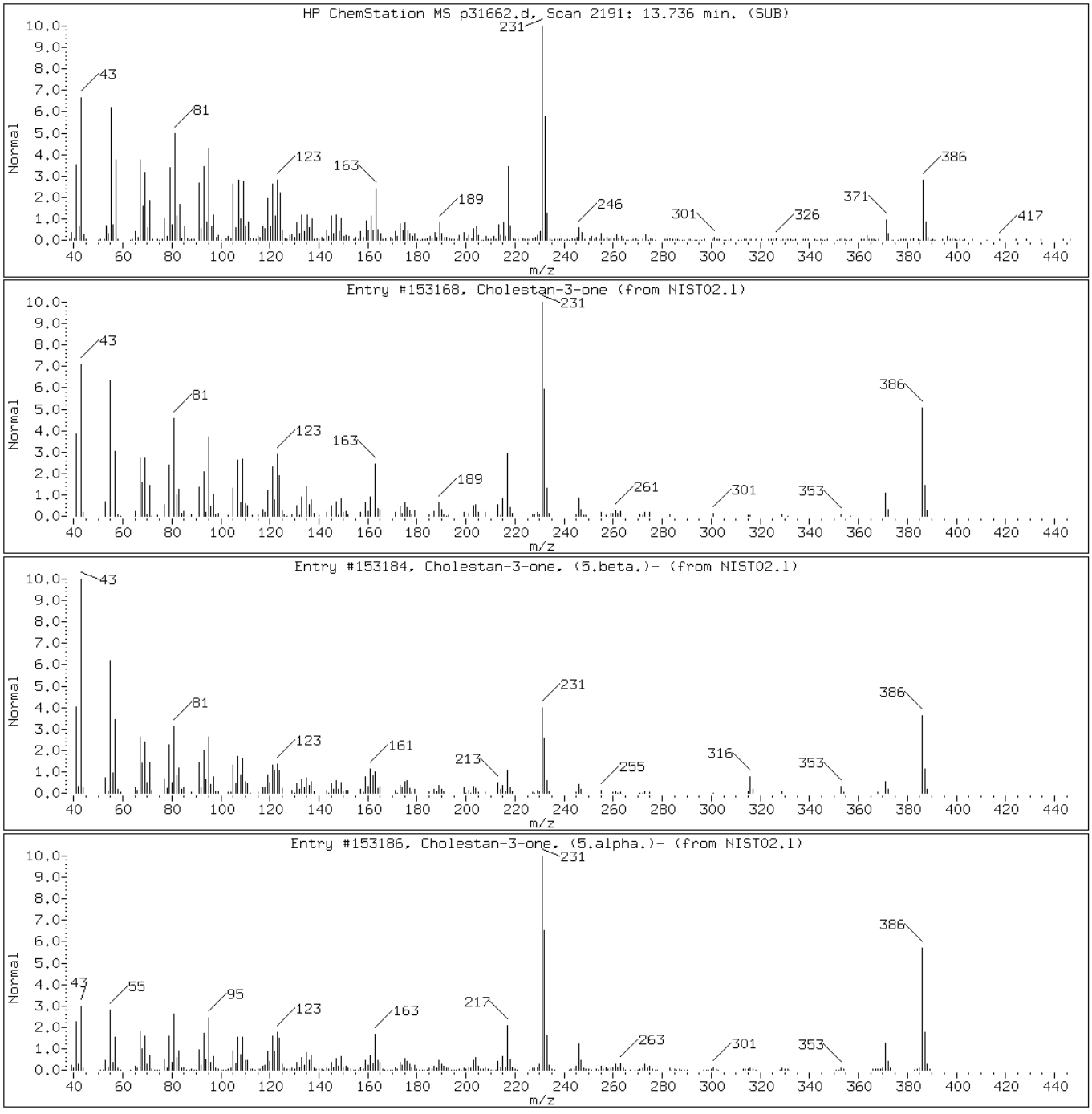
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-one	15600-08-5	NIST02.l	153168	99	C27H46O	386
Cholestan-3-one, (5.beta.)-	601-53-6	NIST02.l	153184	94	C27H46O	386
Cholestan-3-one, (5.alpha.)-	566-88-1	NIST02.l	153186	94	C27H46O	386



Data File: p31662.d

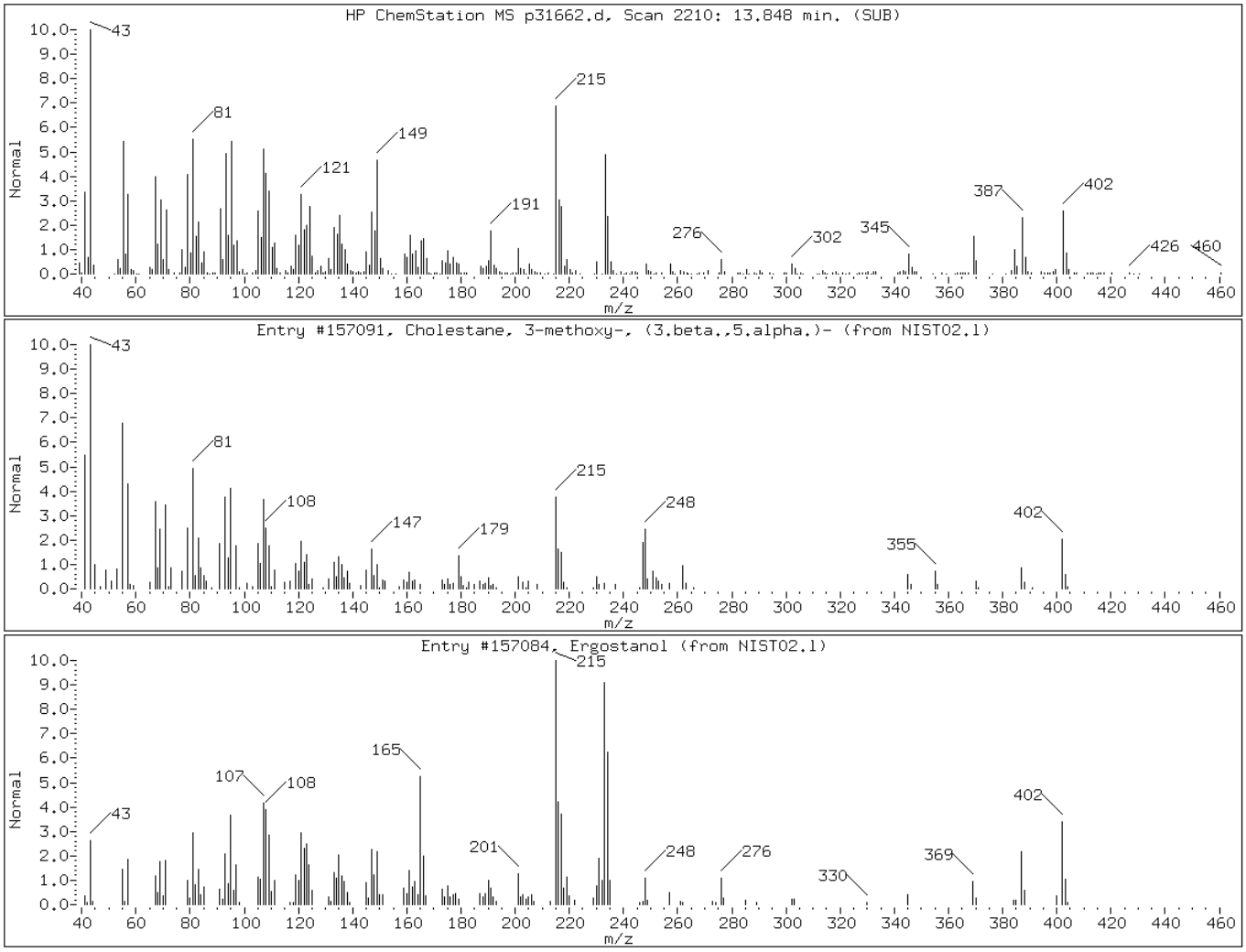
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-3						
Cholestane, 3-methoxy-, (3.beta.,5	1981-90-4	NIST02.l	157091	83	C28H50O	402
Ergostanol	6538-02-9	NIST02.l	157084	64	C28H50O	402



Data File: p31662.d

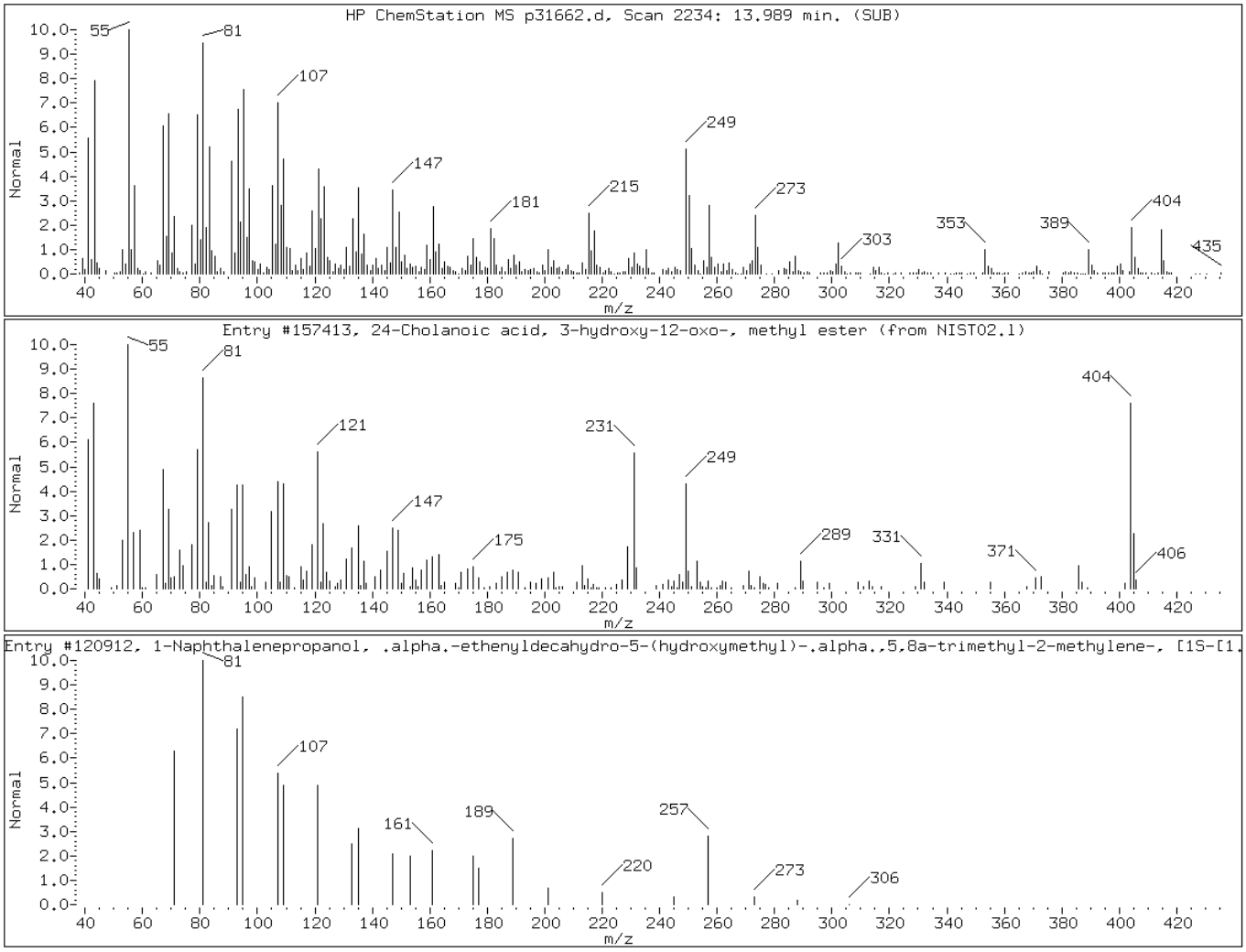
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 13.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-4						
24-Cholanoic acid, 3-hydroxy-12-ox	28050-47-7	NIST02.l	157413	92	C25H40O4	404
1-Naphthalenepropanol, .alpha.-eth	3650-30-4	NIST02.l	120912	62	C20H34O2	306



Data File: p31662.d

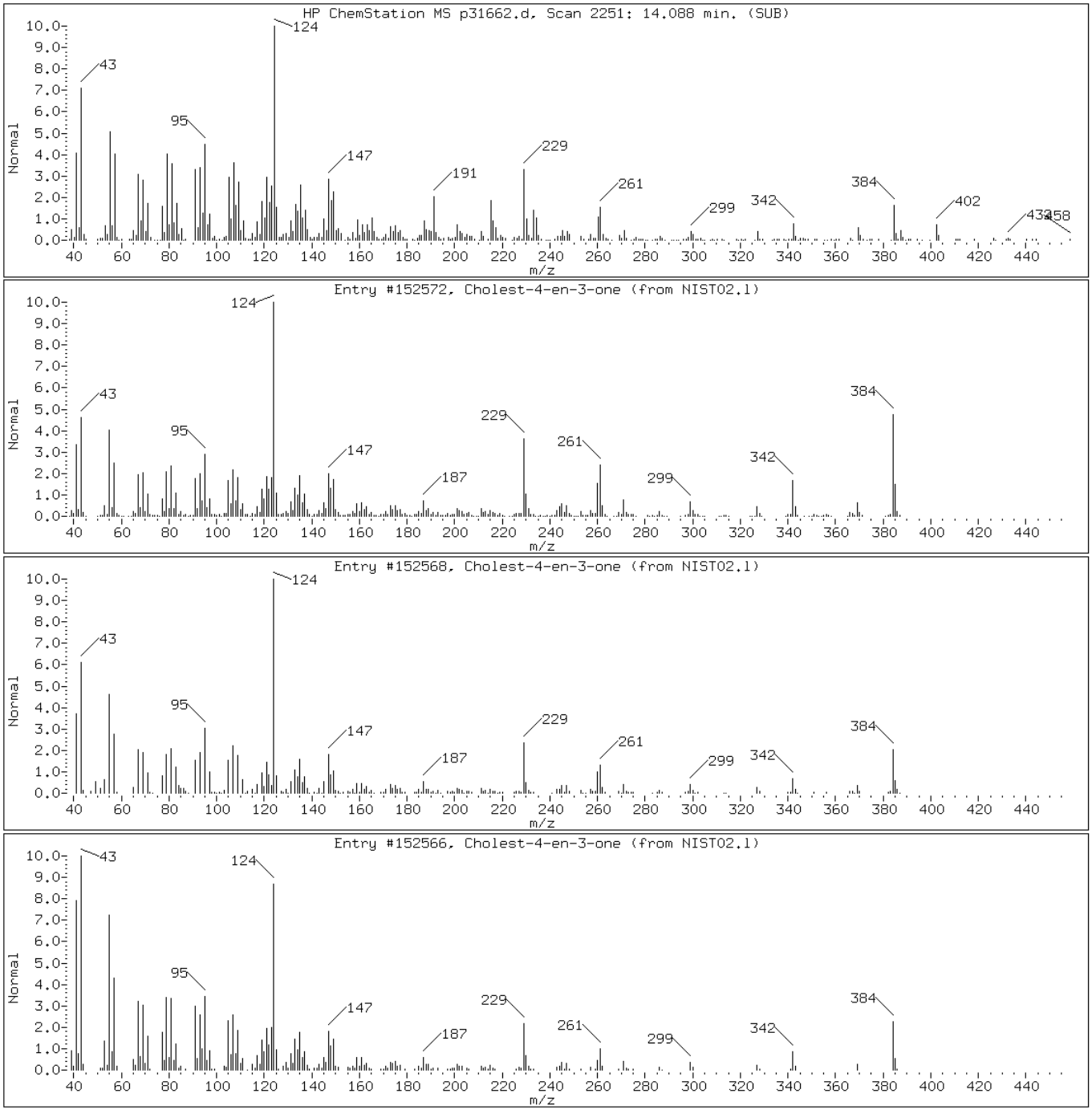
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholest-4-en-3-one	601-57-0	NIST02.l	152572	94	C27H44O	384
Cholest-4-en-3-one	601-57-0	NIST02.l	152568	91	C27H44O	384
Cholest-4-en-3-one	601-57-0	NIST02.l	152566	90	C27H44O	384



Data File: p31662.d

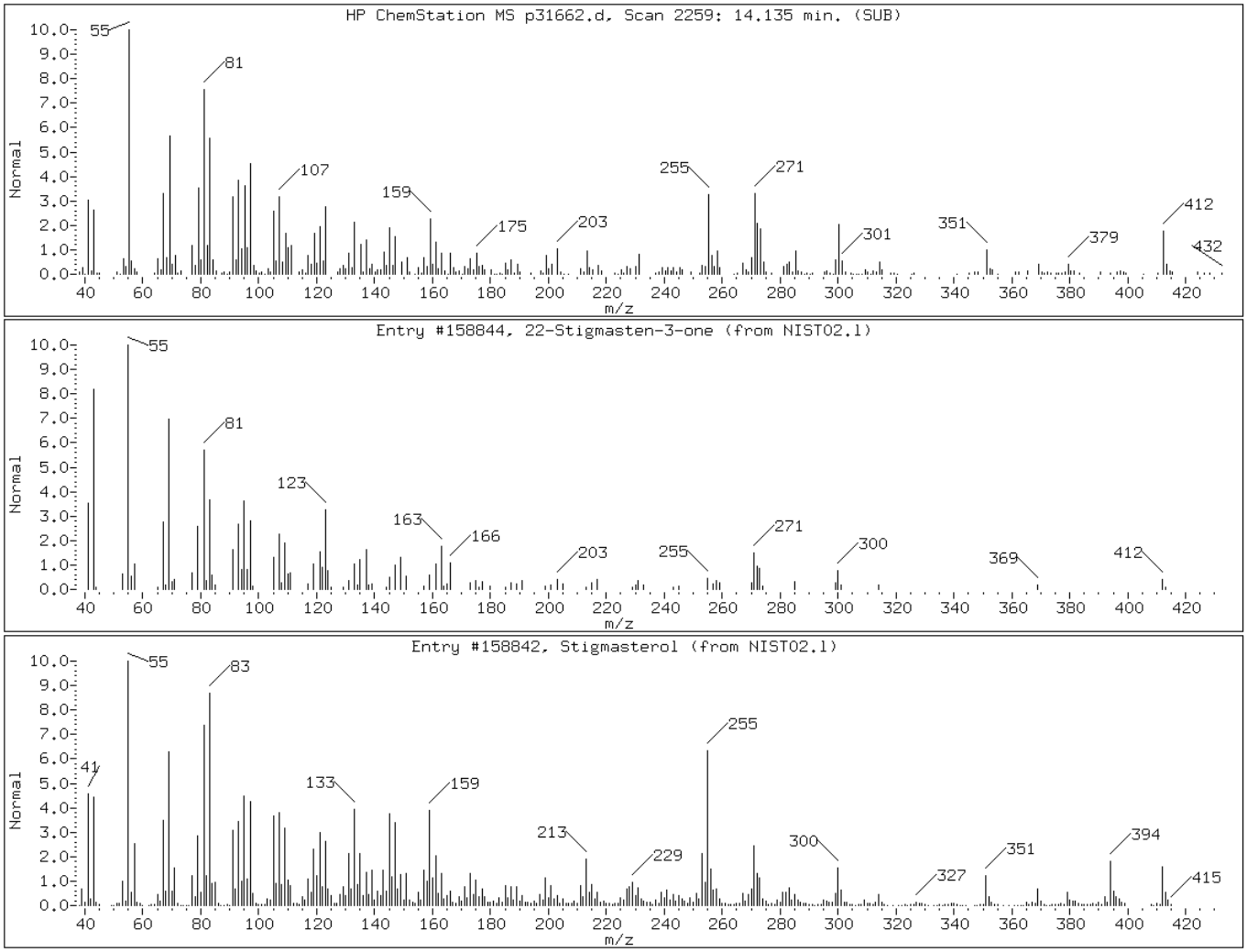
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-5						
22-Stigmasten-3-one	4736-95-2	NIST02.l	158844	84	C29H48O	412
Stigmasterol	83-48-7	NIST02.l	158842	47	C29H48O	412



Data File: p31662.d

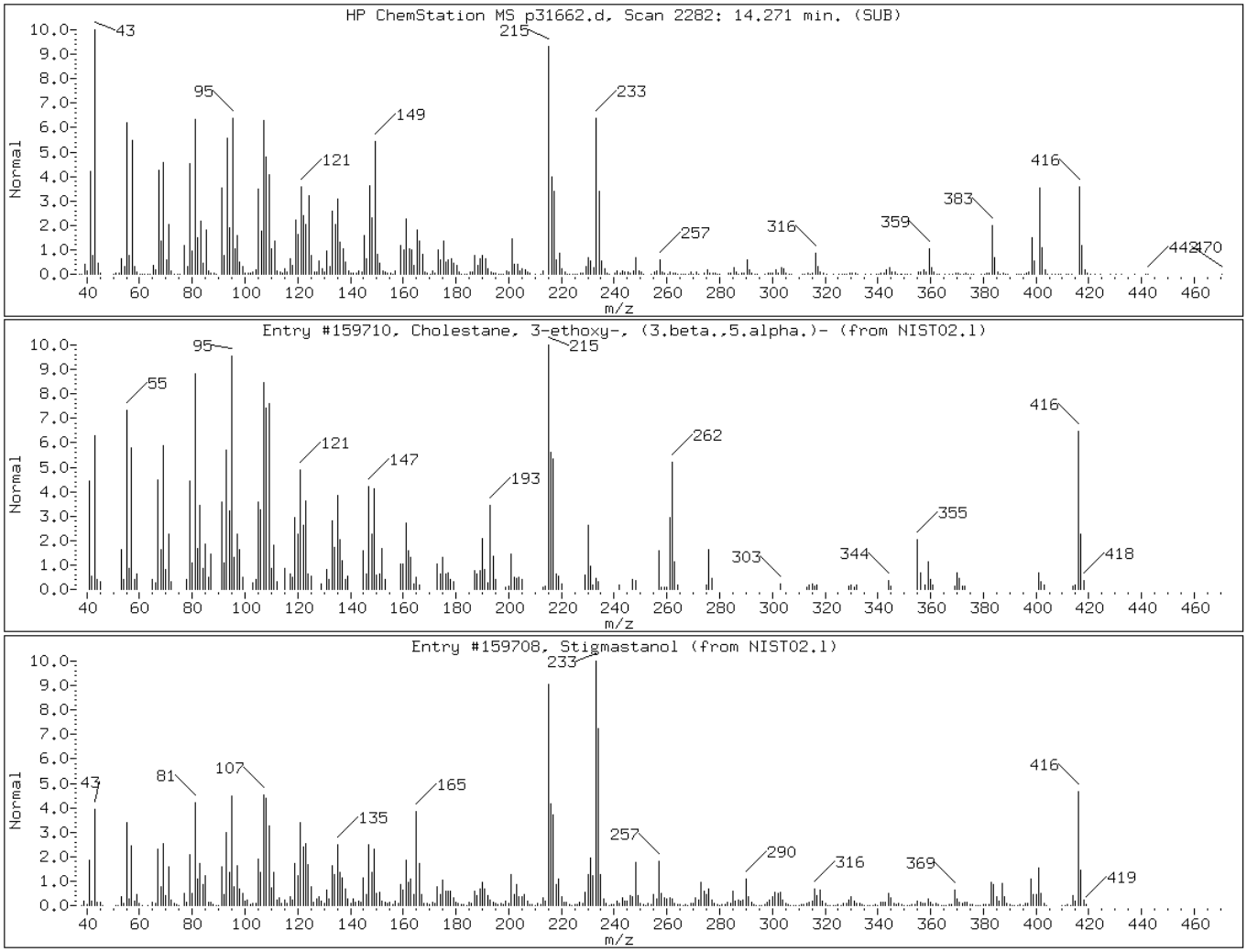
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-6						
Cholestane, 3-ethoxy-, (3.beta.,5.	2089-02-3	NIST02.l	159710	86	C29H52O	416
Stigmastanol	19466-47-8	NIST02.l	159708	49	C29H52O	416



Data File: p31662.d

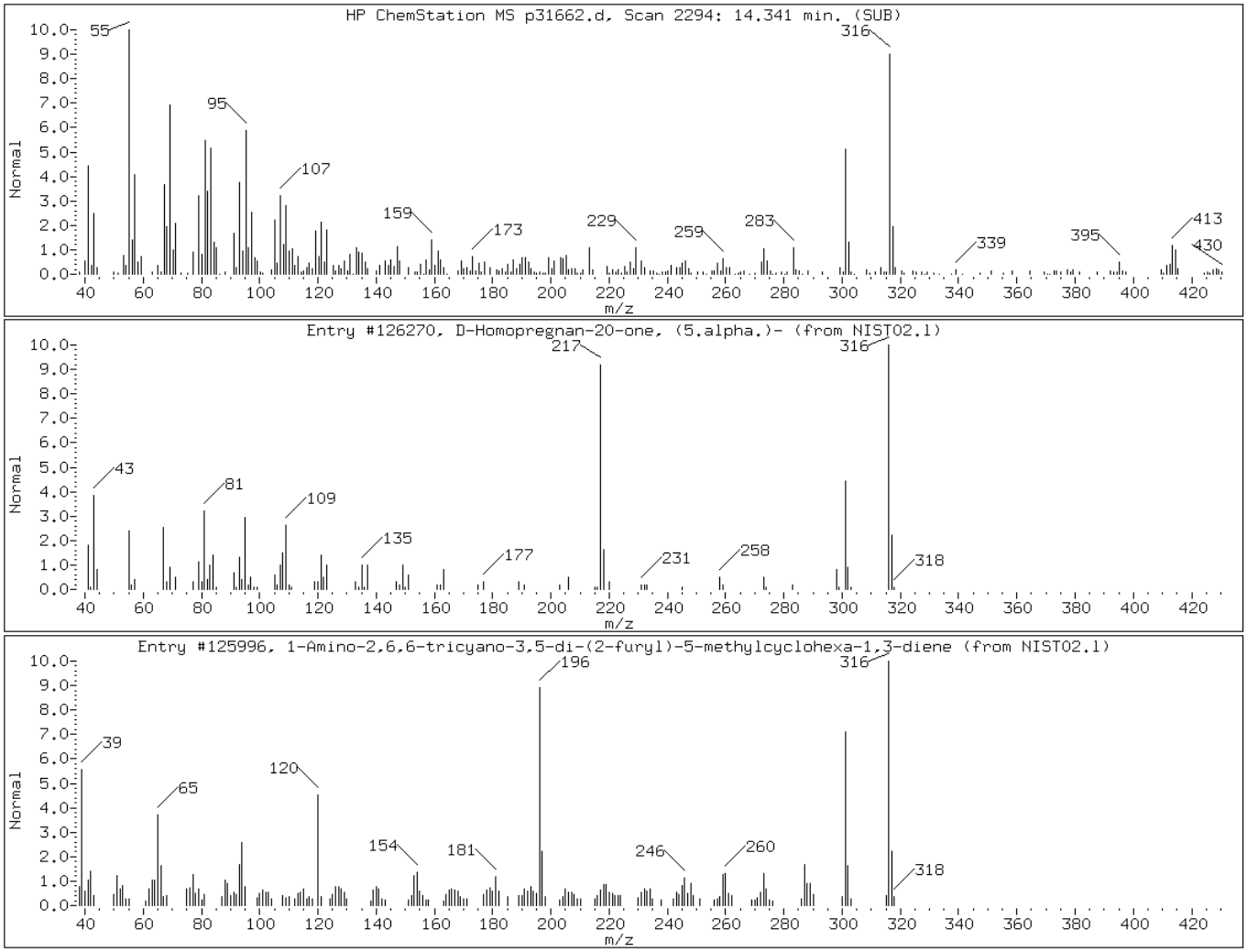
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
D-Homopregnan-20-one, (5.alpha.)-	32318-95-9	NIST02.l	126270	76	C22H36O	316
1-Amino-2,6,6-tricyano-3,5-di-(2-f	94644-68-5	NIST02.l	125996	62	C18H12N4O2	316



Data File: p31662.d

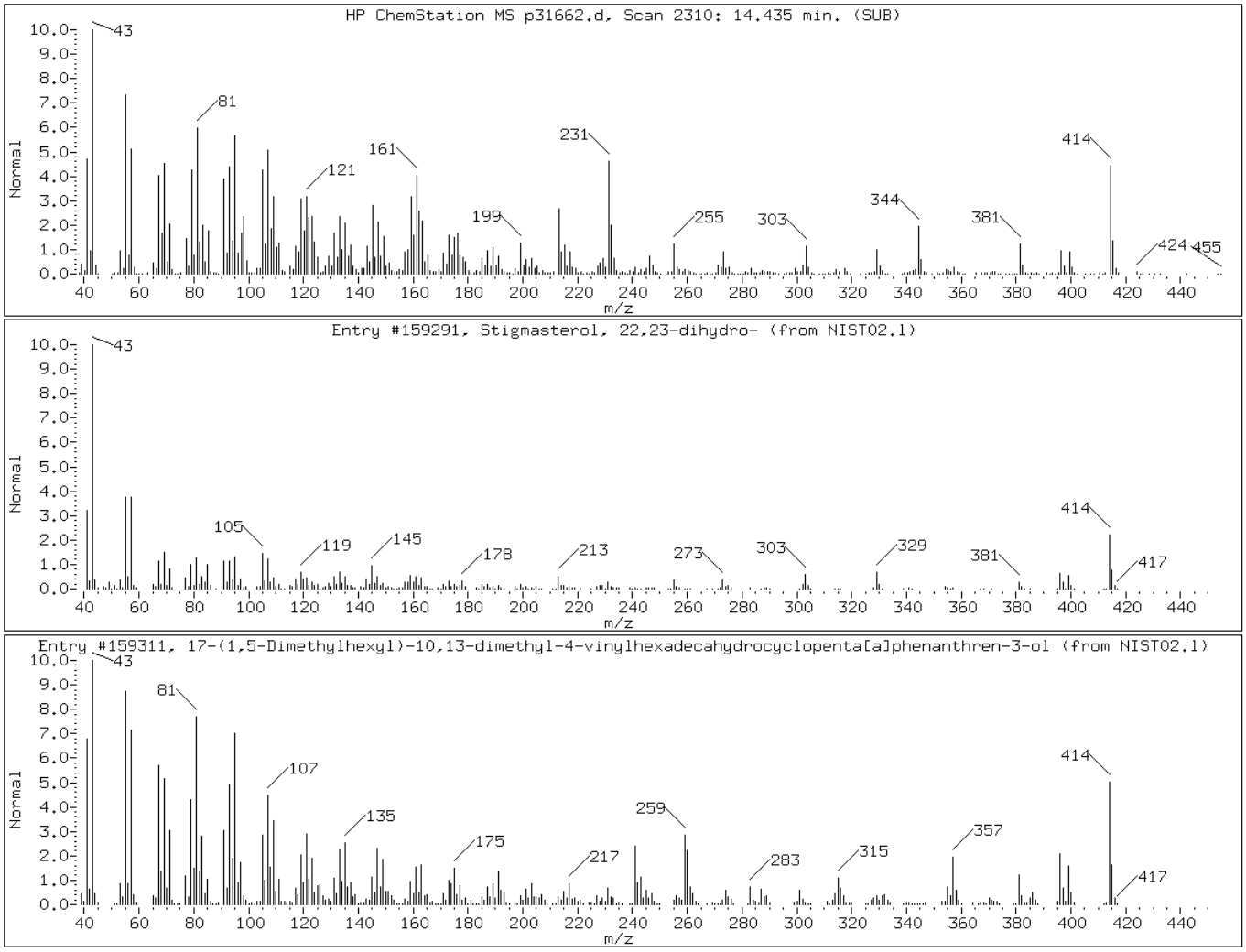
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-7						
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.l	159291	72	C29H50O	414
17-(1,5-Dimethylhexyl)-10,13-dimet	1000210-86-9	NIST02.l	159311	64	C29H50O	414



Data File: p31662.d

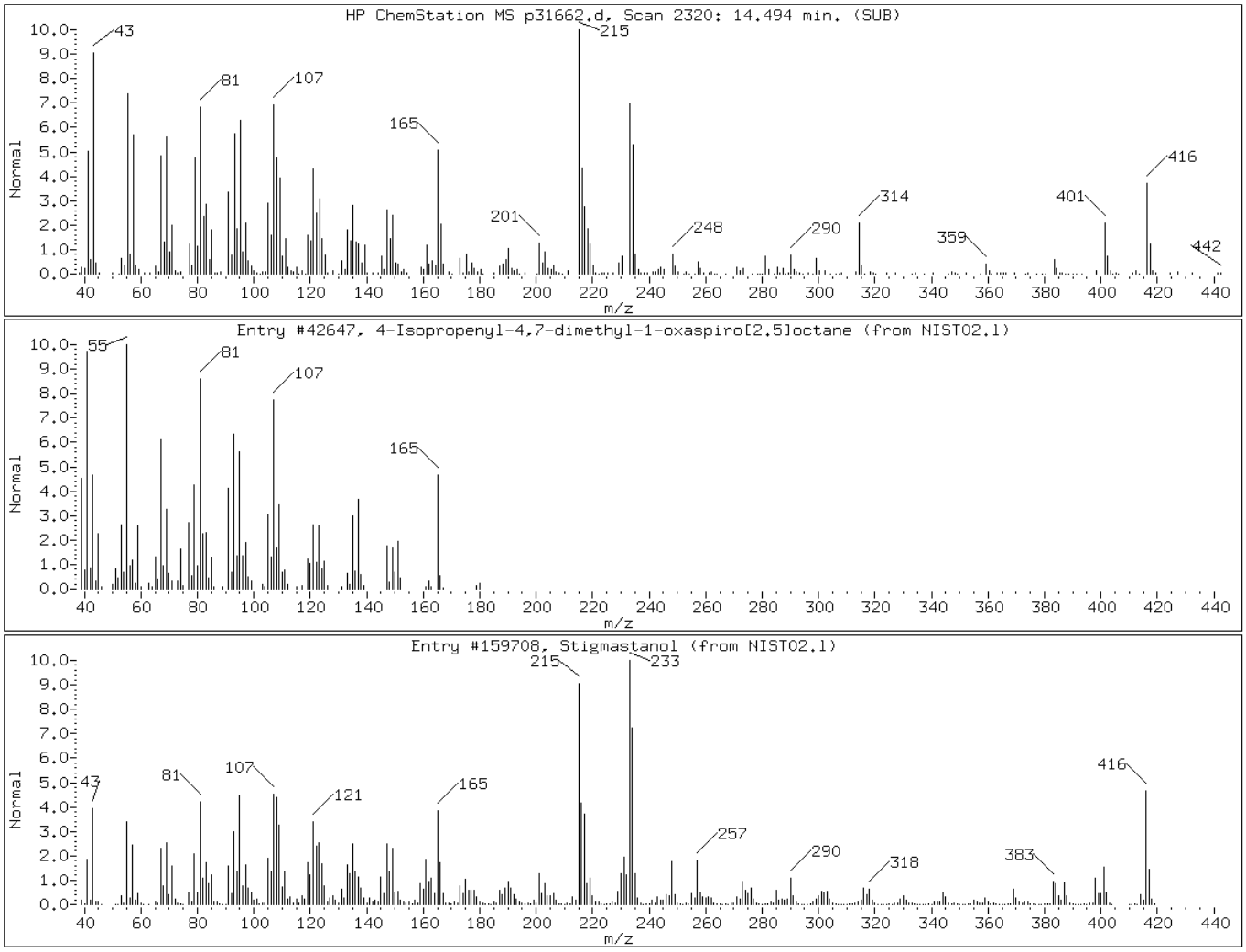
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-8						
4-Isopropenyl-4,7-dimethyl-1-oxasp	1000187-81-7	NIST02.l	42647	53	C12H20O	180
Stigmastanol	19466-47-8	NIST02.l	159708	53	C29H52O	416



Data File: p31662.d

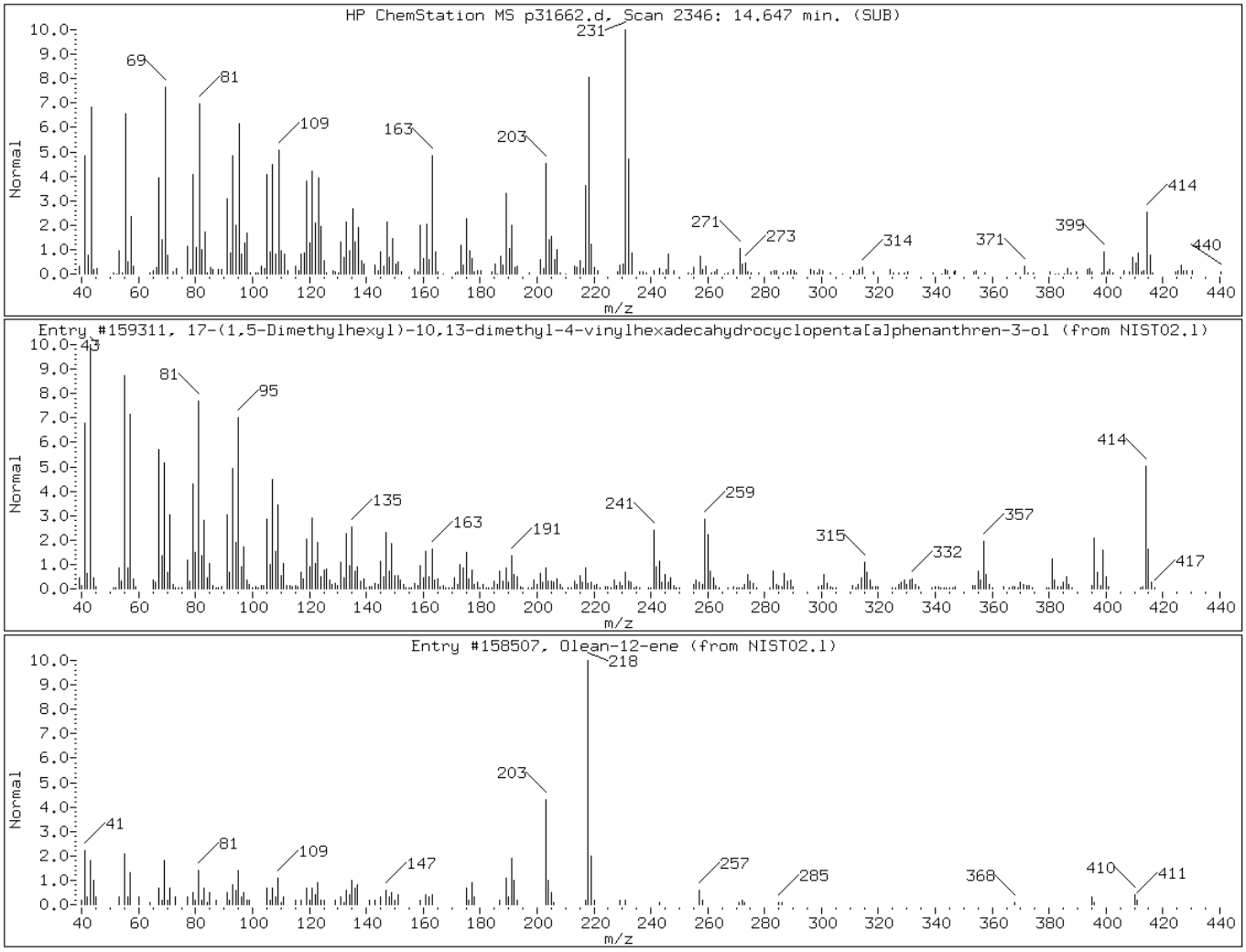
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
17-(1,5-Dimethylhexyl)-10,13-dimet	1000210-86-9	NIST02.l	159311	53	C29H50O	414
Olean-12-ene	471-68-1	NIST02.l	158507	52	C30H50	410



Data File: p31662.d

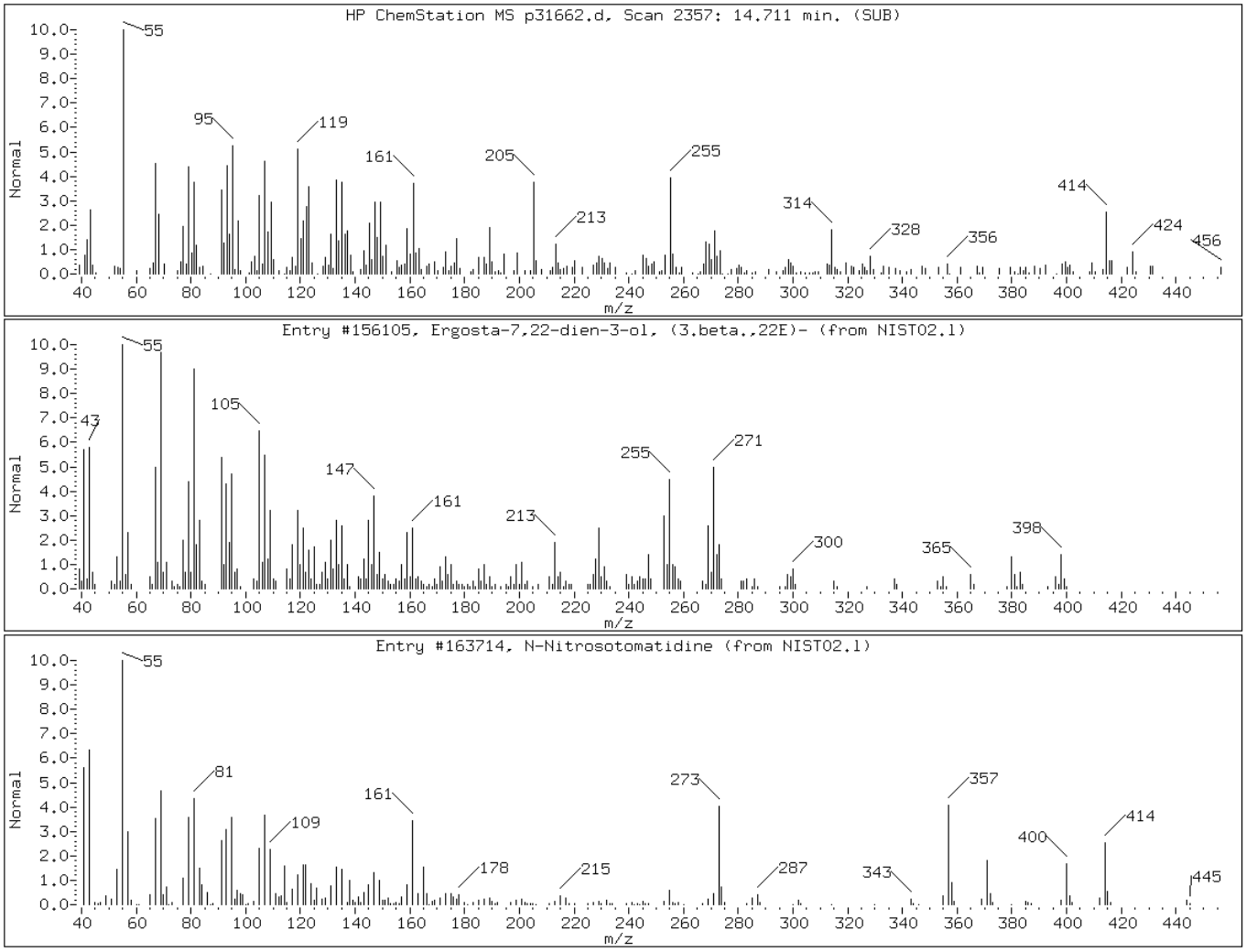
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol-9						
Ergosta-7,22-dien-3-ol, (3.beta.,2	17608-76-3	NIST02.l	156105	23	C28H46O	398
N-Nitrosotomatidine	4847-05-6	NIST02.l	163714	22	C27H44N2O3	444



Data File: p31662.d

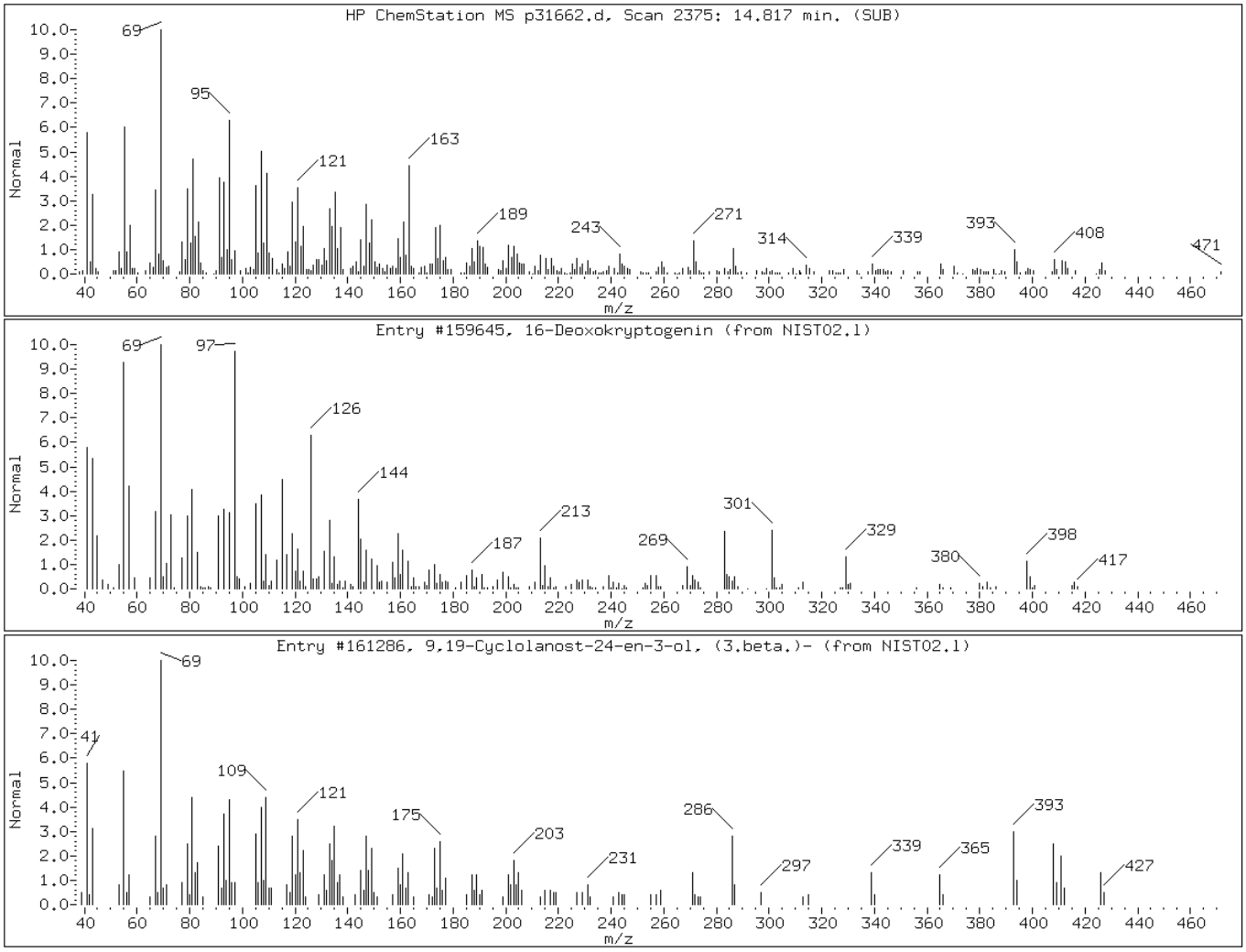
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
16-Deoxokryptogenin	1000253-58-9	NIST02.l	159645	89	C27H44O3	416
9,19-Cyclolanost-24-en-3-ol, (3.be	469-38-5	NIST02.l	161286	53	C30H50O	426



Data File: p31662.d

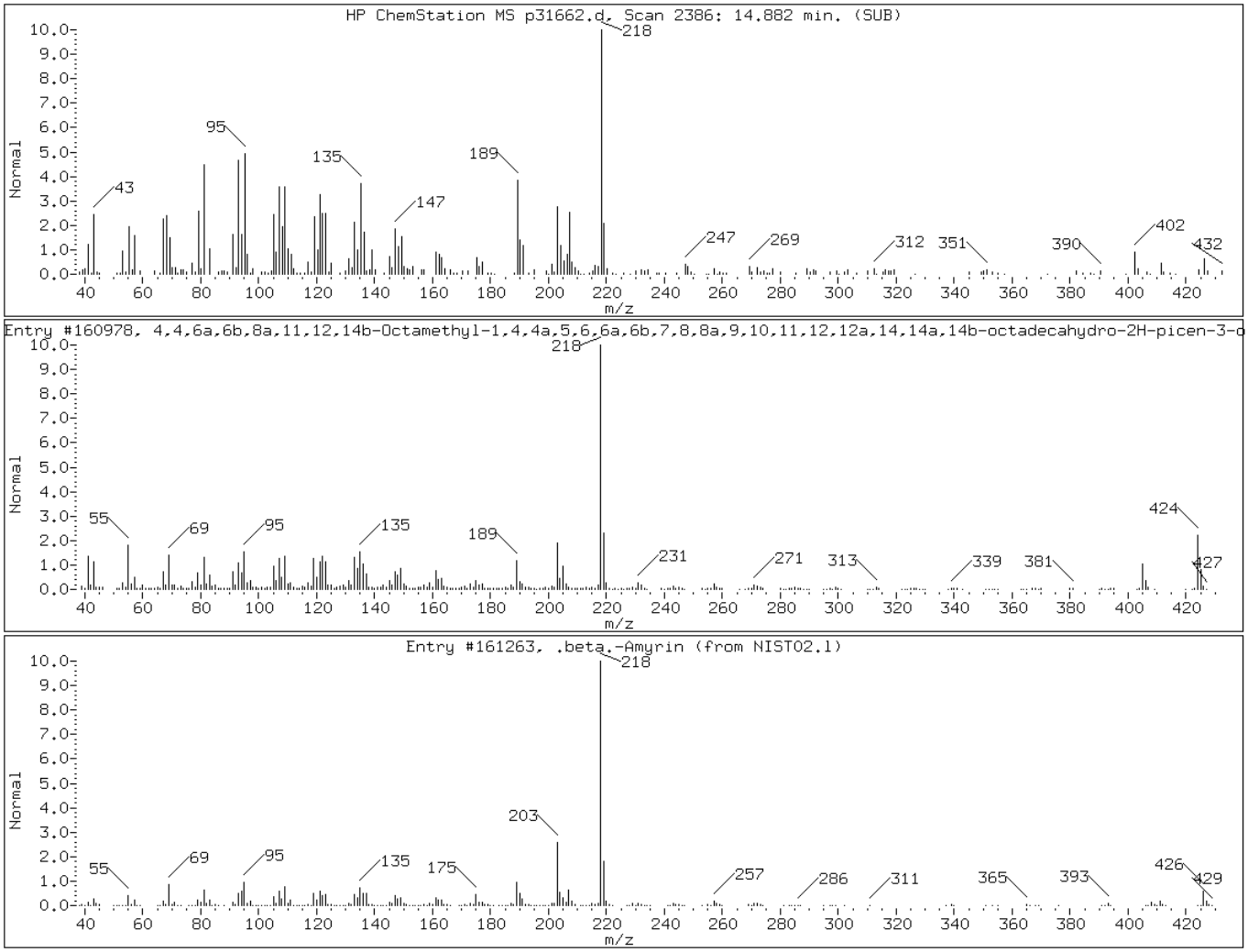
Date: 06-JUL-2012 17:23

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-L Operator: BNAMS 4

Retention Time: 14.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
4,4,6a,6b,8a,11,12,14b-Octamethyl-	1000194-64-2	NIST02.l	160978	78	C30H48O	424
.beta.-Amyrin	559-70-6	NIST02.l	161263	70	C30H50O	426



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: u78048.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:10

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	360	49
95-57-8	2-Chlorophenol	48	U	360	48
95-48-7	2-Methylphenol	62	U	360	62
106-44-5	4-Methylphenol	72	U	360	72
100-52-7	Benzaldehyde	43	U	360	43
98-86-2	Acetophenone	56	U	360	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
98-95-3	Nitrobenzene	5.2	U	36	5.2
67-72-1	Hexachloroethane	4.1	U	36	4.1
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	41	U	360	41
105-67-9	2,4-Dimethylphenol	90	U	360	90
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	97	U	360	97
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	360	84
59-50-7	4-Chloro-3-methylphenol	55	U	360	55
91-57-6	2-Methylnaphthalene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
88-06-2	2,4,6-Trichlorophenol	43	U	360	43
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	49	U	360	49
91-58-7	2-Chloronaphthalene	41	U	360	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: u78048.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:10

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	47	U	360	47
206-44-0	Fluoranthene	49	U	360	49
84-74-2	Di-n-butyl phthalate	45	U	360	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	99	U	1100	99
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	360	31
218-01-9	Chrysene	43	U	360	43
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U *	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47
123-91-1	1,4-Dioxane	27	U	360	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: u78048.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:10

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	93		41-118
1718-51-0	Terphenyl-d14	104		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	96		37-125
321-60-8	2-Fluorobiphenyl	72		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: u78048.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:10

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 7 | TIC Result Total: 7350

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	12.94	440	J
	Unknown Sterol	13.02	3300	J
	Unknown-1	13.16	1700	J
	Unknown-2	13.30	400	J
	Unknown-3	13.38	370	J
	Unknown-4	14.00	650	J
	Unknown-5	14.07	490	J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78048.d
Report Date: 08-Jul-2012 23:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78048.d
Lab Smp Id: 460-41730-E-18-E Client Smp ID: F-24
Inj Date : 06-JUL-2012 16:22
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-18-E
Misc Info : 460-41730-E-18-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	9.36255	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.233	2.210	(0.647)	425890	95.6973	7000
$ 17 Phenol-d5 (SUR)	99	3.137	3.145	(0.909)	712062	92.5843	6800
* 79 1,4-Dichlorobenzene-d4	152	3.453	3.454	(1.000)	145231	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.048	(0.847)	382952	34.0752	2500
* 80 Naphthalene-d8	136	4.764	4.765	(1.000)	633319	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.879	(0.900)	521338	36.1283	2600
* 82 Acenaphthene-d10	164	6.522	6.523	(1.000)	420005	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.300	7.310	(1.119)	209982	64.9521	4800
* 83 Phenanthrene-d10	188	7.973	7.978	(1.000)	760991	40.0000	
52 Phenanthrene	178	7.987	8.000	(1.002)	6106	0.29315	22(a)
$ 78 Terphenyl-d14	244	9.543	9.548	(0.903)	644837	51.8017	3800
* 81 Chrysene-d12	240	10.569	10.573	(1.000)	491715	40.0000	
* 84 Perylene-d12	264	12.237	12.244	(1.000)	399350	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78048.d
Report Date: 08-Jul-2012 23:47

QC Flag Legend

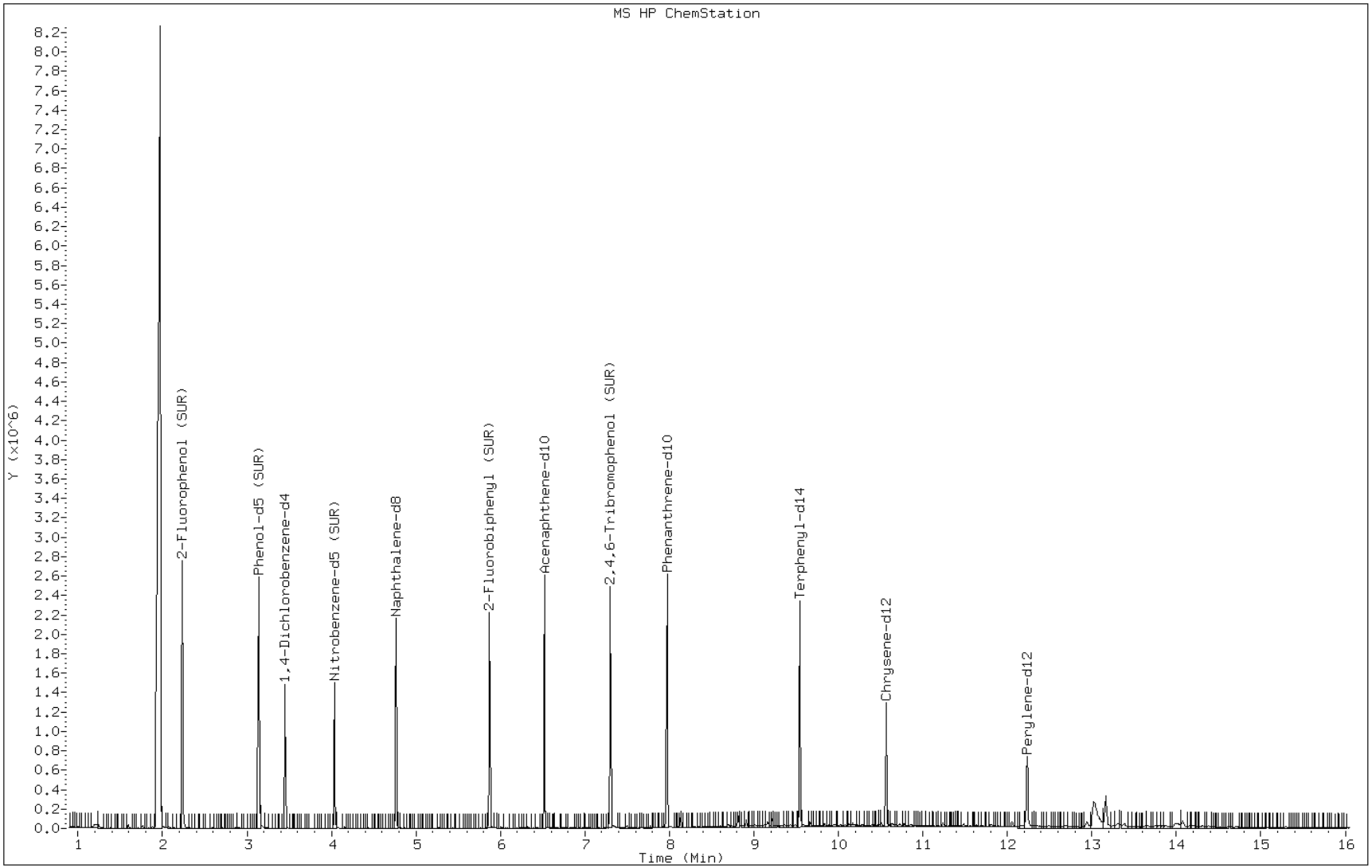
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78048.d

Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4



Data File: u78048.d

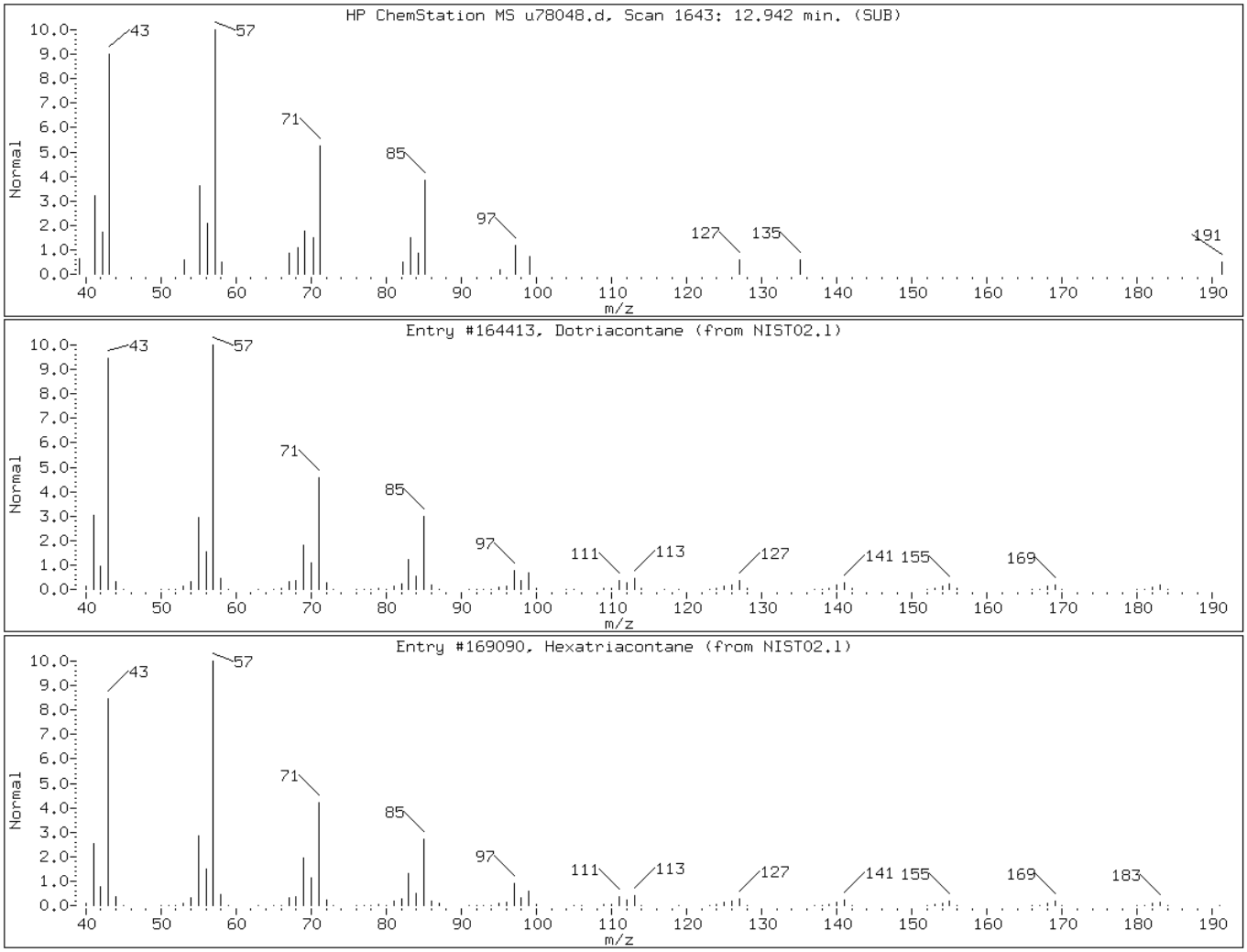
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dotriacontane	544-85-4	NIST02.l	164413	86	C32H66	451
Hexatriacontane	630-06-8	NIST02.l	169090	78	C36H74	507



Data File: u78048.d

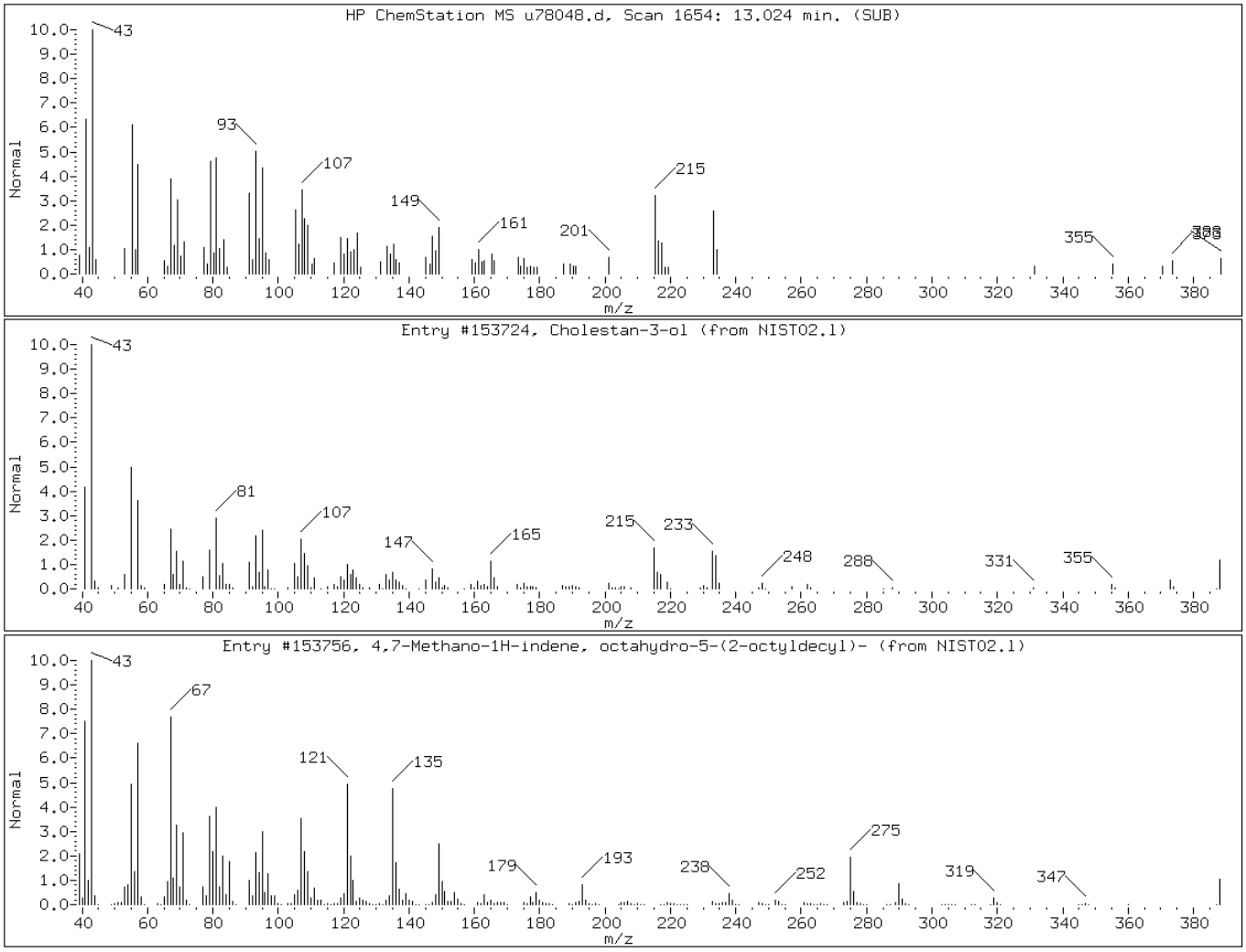
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 13.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Sterol						
Cholestan-3-ol	27409-41-2	NIST02.l	153724	64	C27H48O	388
4,7-Methano-1H-indene, octahydro-5	55334-74-2	NIST02.l	153756	47	C28H52	388



Data File: u78048.d

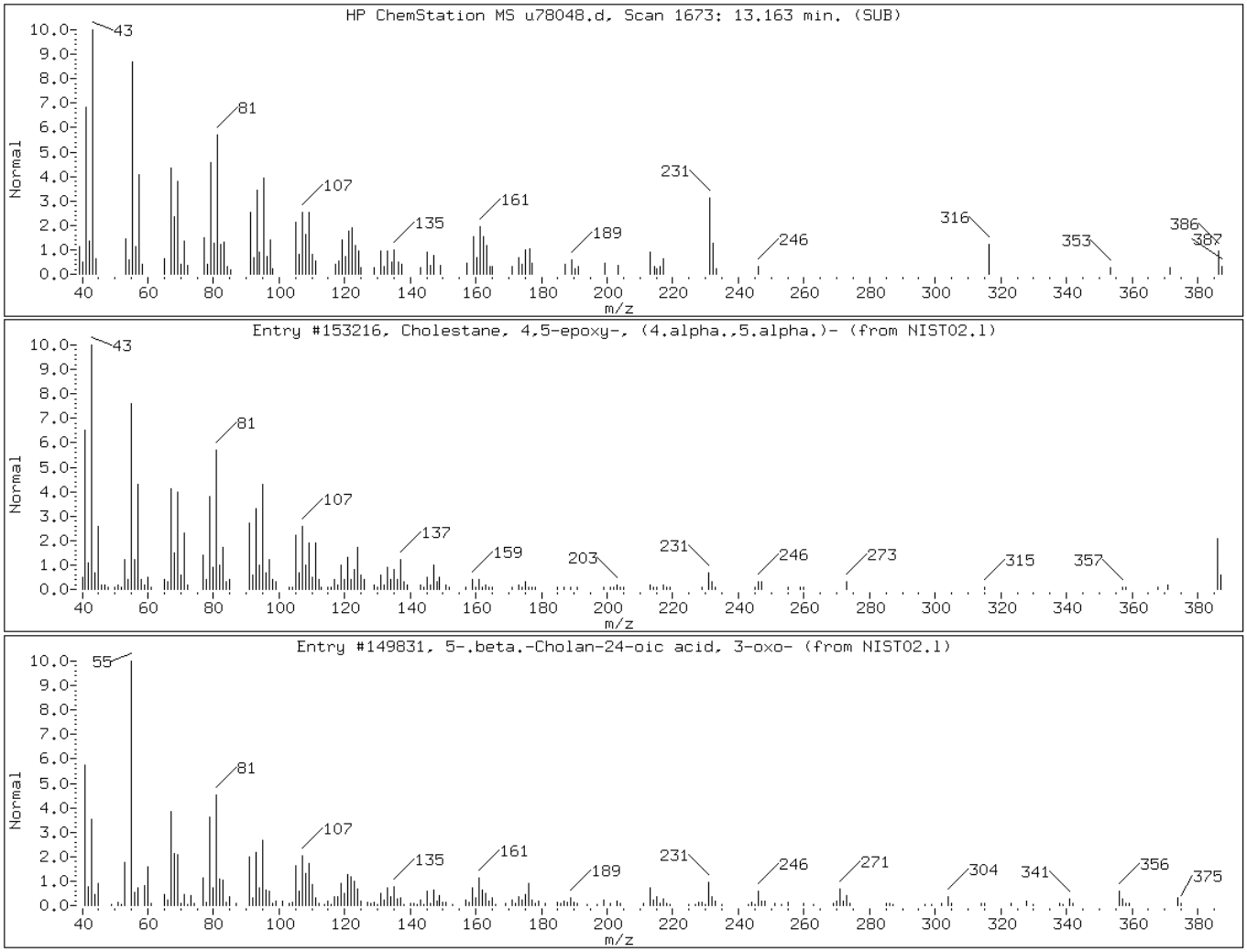
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 13.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cholestane, 4,5-epoxy-, (4.alpha.,	6079-19-2	NIST02.l	153216	86	C27H46O	386
5-.beta.-Cholan-24-oic acid, 3-oxo	1553-56-6	NIST02.l	149831	74	C24H38O3	374



Data File: u78048.d

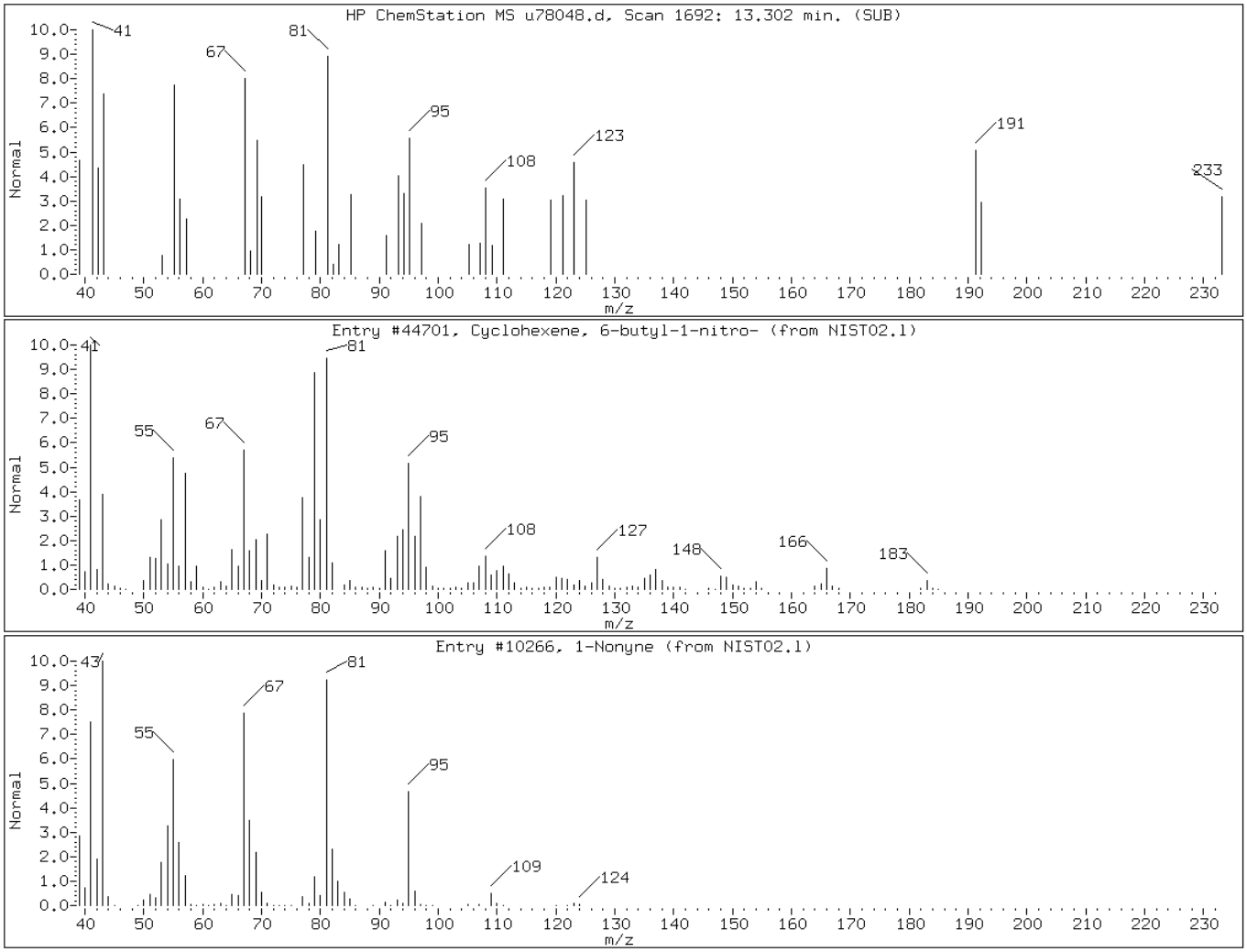
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Cyclohexene, 6-butyl-1-nitro-	84820-13-3	NIST02.l	44701	43	C10H17NO2	183
1-Nonyne	3452-09-3	NIST02.l	10266	38	C9H16	124



Data File: u78048.d

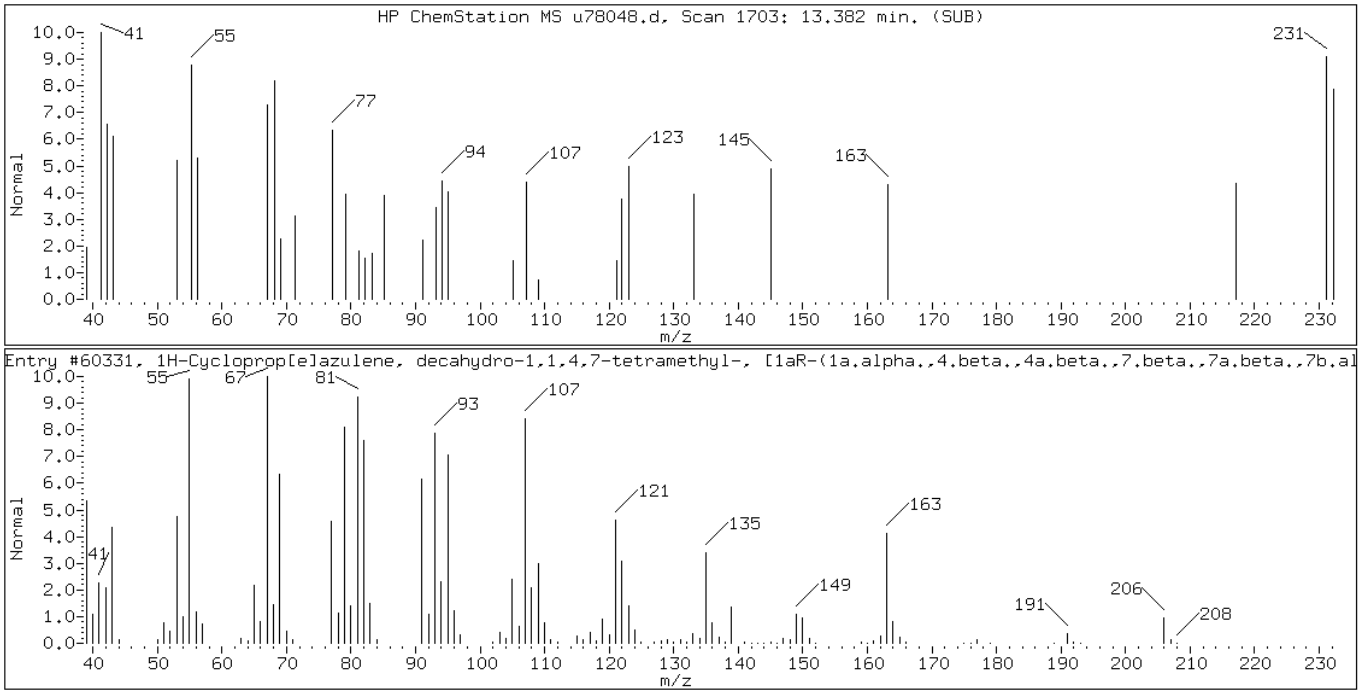
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 13.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1H-Cycloprop[e]azulene, decahydro-	28580-43-0	NIST02.l	60331	25	C15H26	206



Data File: u78048.d

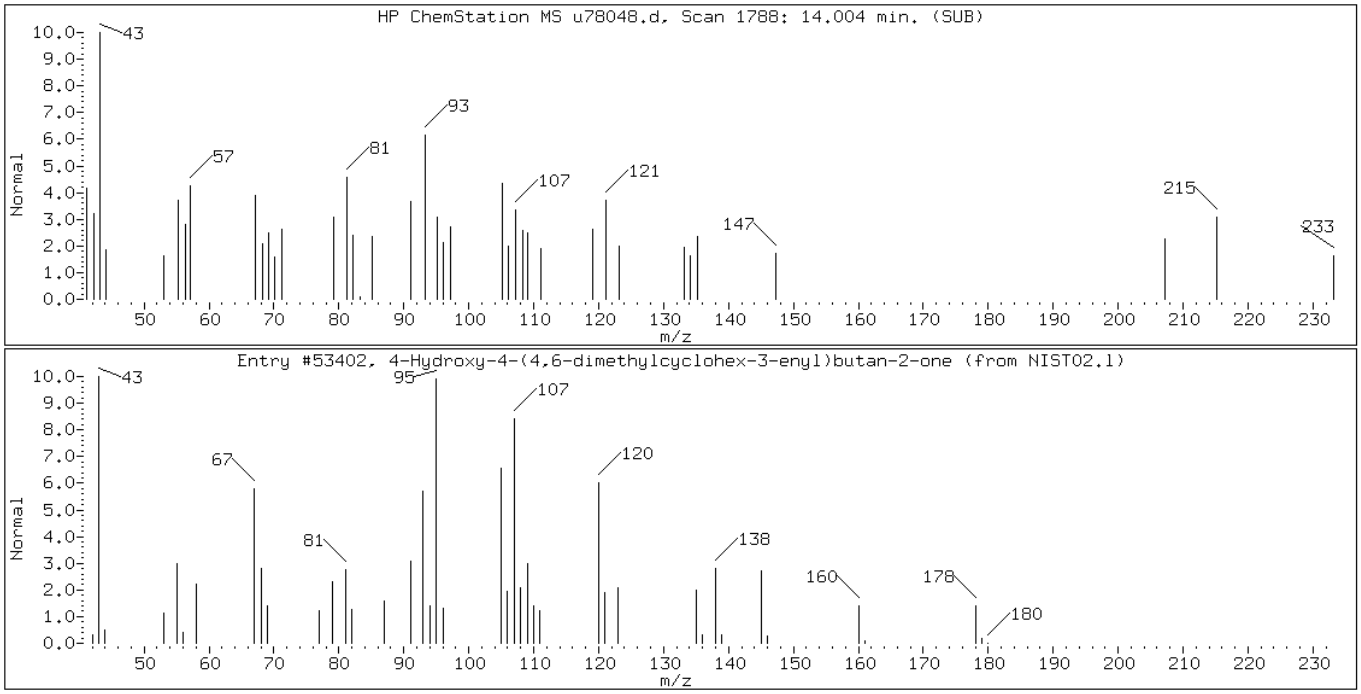
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 14.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
4-Hydroxy-4-(4,6-dimethylcyclohex-	2316-79-2	NIST02.l	53402	35	C12H20O2	196



Data File: u78048.d

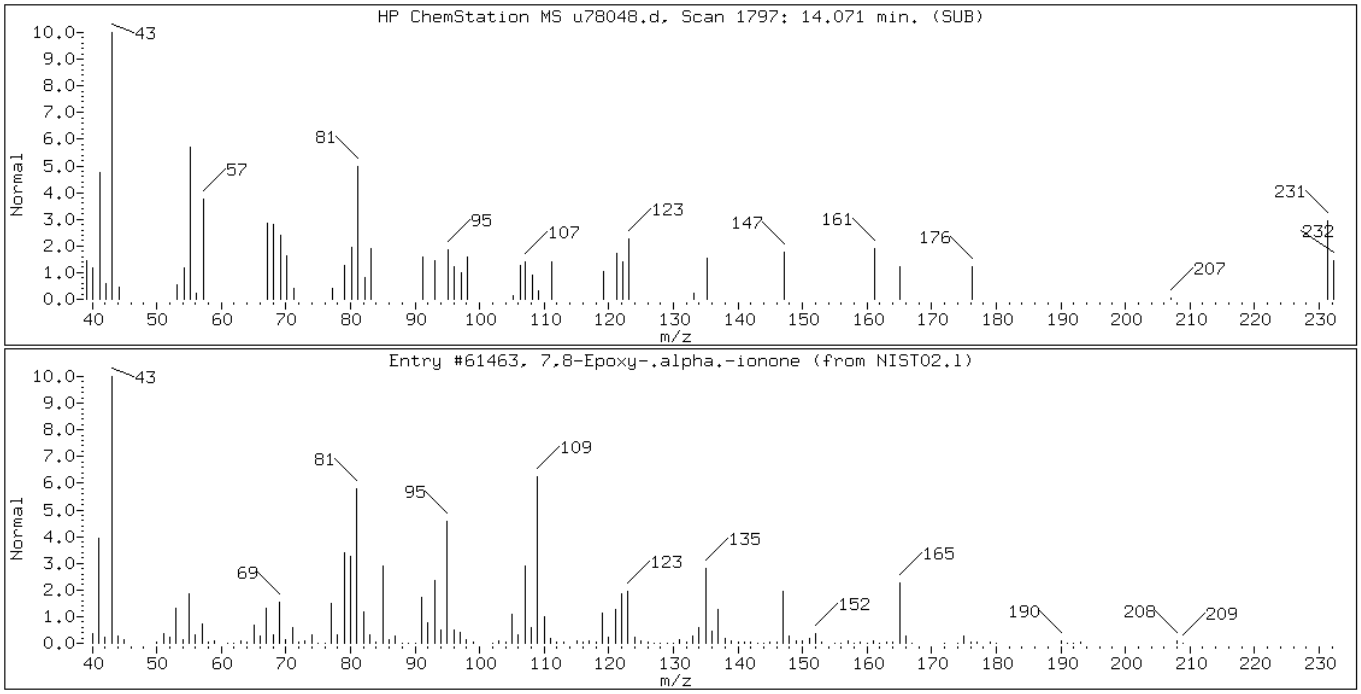
Date: 06-JUL-2012 16:22

Client ID: F-24 Instrument: BNAMS4.i

Sample Info: 460-41730-E-18-E Operator: BNAMS 4

Retention Time: 14.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
7,8-Epoxy-.alpha.-ionone	37079-64-4	NIST02.l	61463	35	C13H20O2	208



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: u78040.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:22

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	58	U	370	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	370	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	37	6.3
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	46	U	370	46
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	93	U	370	93
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	370	87
59-50-7	4-Chloro-3-methylphenol	57	U	370	57
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	370	45
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: u78040.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:22

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	46	U	370	46
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.7	U	37	2.7
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	370	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: u78040.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:22

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	101		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	98		37-125
321-60-8	2-Fluorobiphenyl	72		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: u78040.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:22

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78040.d
Report Date: 08-Jul-2012 20:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78040.d
Lab Smp Id: 460-41730-E-20-E Client Smp ID: F-26
Inj Date : 06-JUL-2012 13:40
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-20-E
Misc Info : 460-41730-E-20-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.92308	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.235	2.210	(0.648)	422140	98.4188	7400
$ 17 Phenol-d5 (SUR)	99	3.143	3.145	(0.911)	745111	100.522	7600
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.454	(1.000)	139972	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.032	4.048	(0.847)	383124	36.2971	2700
* 80 Naphthalene-d8	136	4.762	4.765	(1.000)	594817	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.879	(0.900)	538521	35.9542	2700
* 82 Acenaphthene-d10	164	6.522	6.523	(1.000)	435949	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.310	(1.120)	213978	63.7673	4800
* 83 Phenanthrene-d10	188	7.973	7.978	(1.000)	835756	40.0000	
52 Phenanthrene	178	7.988	8.000	(1.002)	2668	0.11662	8.8(a)
$ 78 Terphenyl-d14	244	9.544	9.548	(0.903)	766002	48.1072	3600
* 81 Chrysene-d12	240	10.569	10.573	(1.000)	628967	40.0000	
* 84 Perylene-d12	264	12.238	12.244	(1.000)	523392	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78040.d
Report Date: 08-Jul-2012 20:37

QC Flag Legend

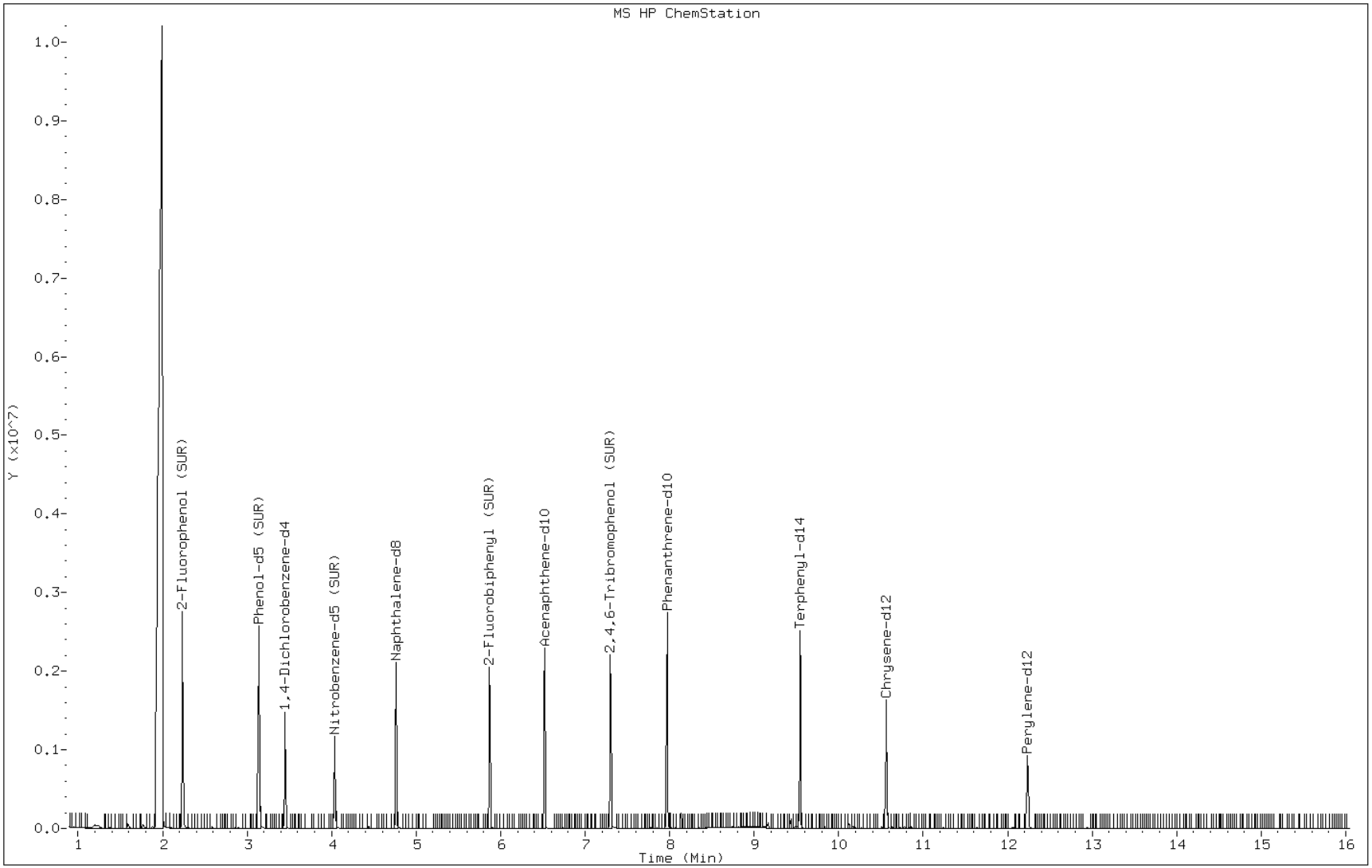
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u78040.d

Date: 06-JUL-2012 13:40

Client ID: F-26 Instrument: BNAMS4.i

Sample Info: 460-41730-E-20-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: u78041.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 14:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: u78041.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 14:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: u78041.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 14:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	99		41-118
1718-51-0	Terphenyl-d14	100		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	97		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: u78041.d

Analysis Method: 8270C | Date Collected: 06/26/2012 13:55

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.02(g) | Date Analyzed: 07/06/2012 14:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78041.d
Report Date: 08-Jul-2012 20:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78041.d
Lab Smp Id: 460-41730-E-21-D Client Smp ID: F-27
Inj Date : 06-JUL-2012 14:01
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-21-D
Misc Info : 460-41730-E-21-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	11.67608	% Moisture

Cpnd Variable Local Compound Variable

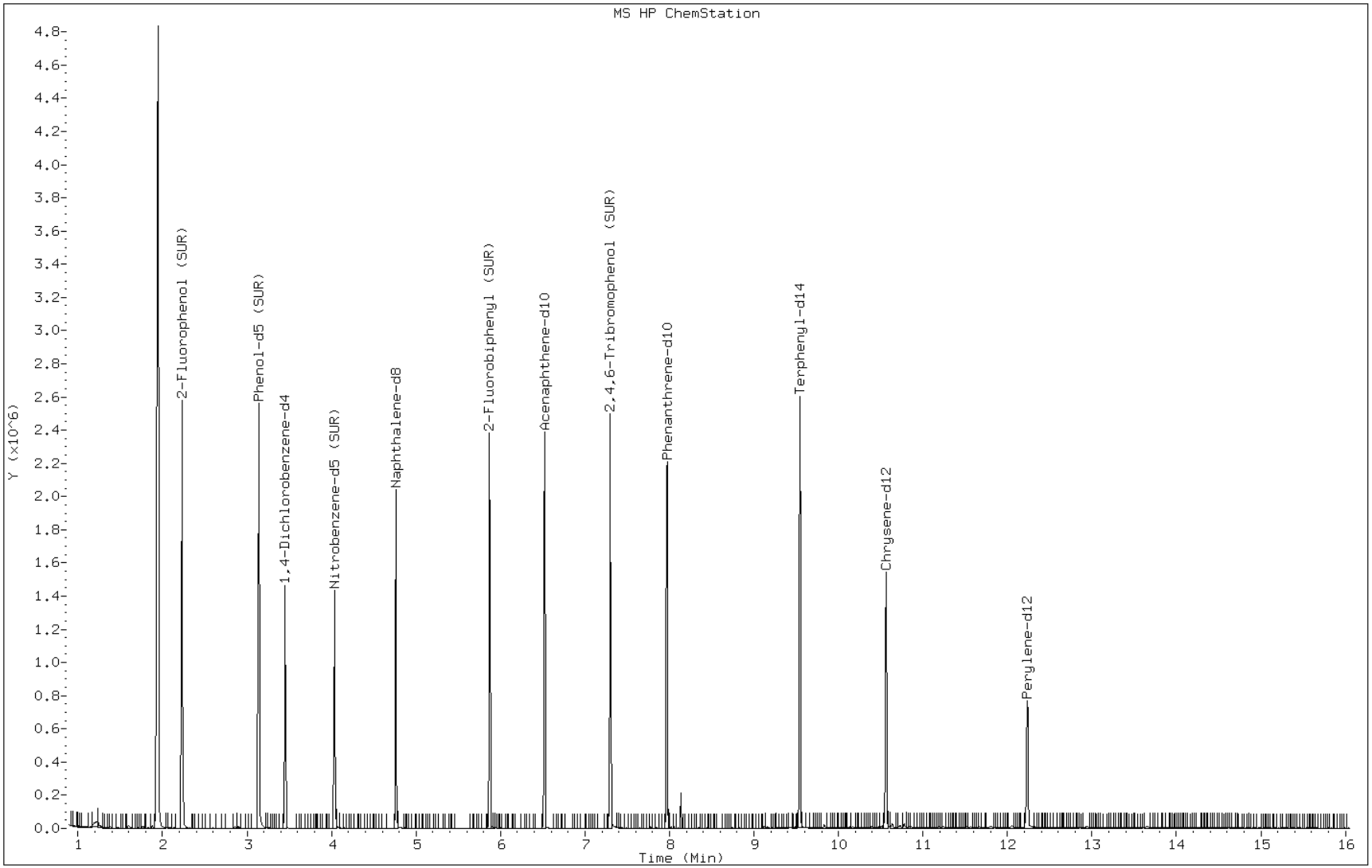
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.230	2.210	(0.646)	423353	97.3290	7300
$ 17 Phenol-d5 (SUR)	99	3.143	3.145	(0.910)	743858	98.9570	7400
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.454	(1.000)	141946	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.048	(0.847)	390560	36.8970	2800
* 80 Naphthalene-d8	136	4.763	4.765	(1.000)	596503	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.870	5.879	(0.900)	586940	38.5787	2900
* 82 Acenaphthene-d10	164	6.523	6.523	(1.000)	442822	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.301	7.310	(1.119)	202647	59.4532	4500
* 83 Phenanthrene-d10	188	7.975	7.978	(1.000)	840764	40.0000	
$ 78 Terphenyl-d14	244	9.545	9.548	(0.903)	741469	50.0886	3800
* 81 Chrysene-d12	240	10.568	10.573	(1.000)	584739	40.0000	
* 84 Perylene-d12	264	12.235	12.244	(1.000)	444729	40.0000	

Data File: u78041.d

Date: 06-JUL-2012 14:01

Client ID: F-27 Instrument: BNAMS4.i

Sample Info: 460-41730-E-21-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: u78042.d

Analysis Method: 8270C | Date Collected: 06/26/2012 14:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 14:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	98	U	370	98
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	750	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: u78042.d

Analysis Method: 8270C | Date Collected: 06/26/2012 14:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 14:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: u78042.d

Analysis Method: 8270C | Date Collected: 06/26/2012 14:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 14:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	95		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	62		10-120
367-12-4	2-Fluorophenol	101		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: u78042.d

Analysis Method: 8270C | Date Collected: 06/26/2012 14:20

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 14:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78042.d
Report Date: 08-Jul-2012 20:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78042.d
Lab Smp Id: 460-41730-E-22-E Client Smp ID: F-28
Inj Date : 06-JUL-2012 14:21
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-22-E
Misc Info : 460-41730-E-22-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	10.42048	% Moisture

Cpnd Variable Local Compound Variable

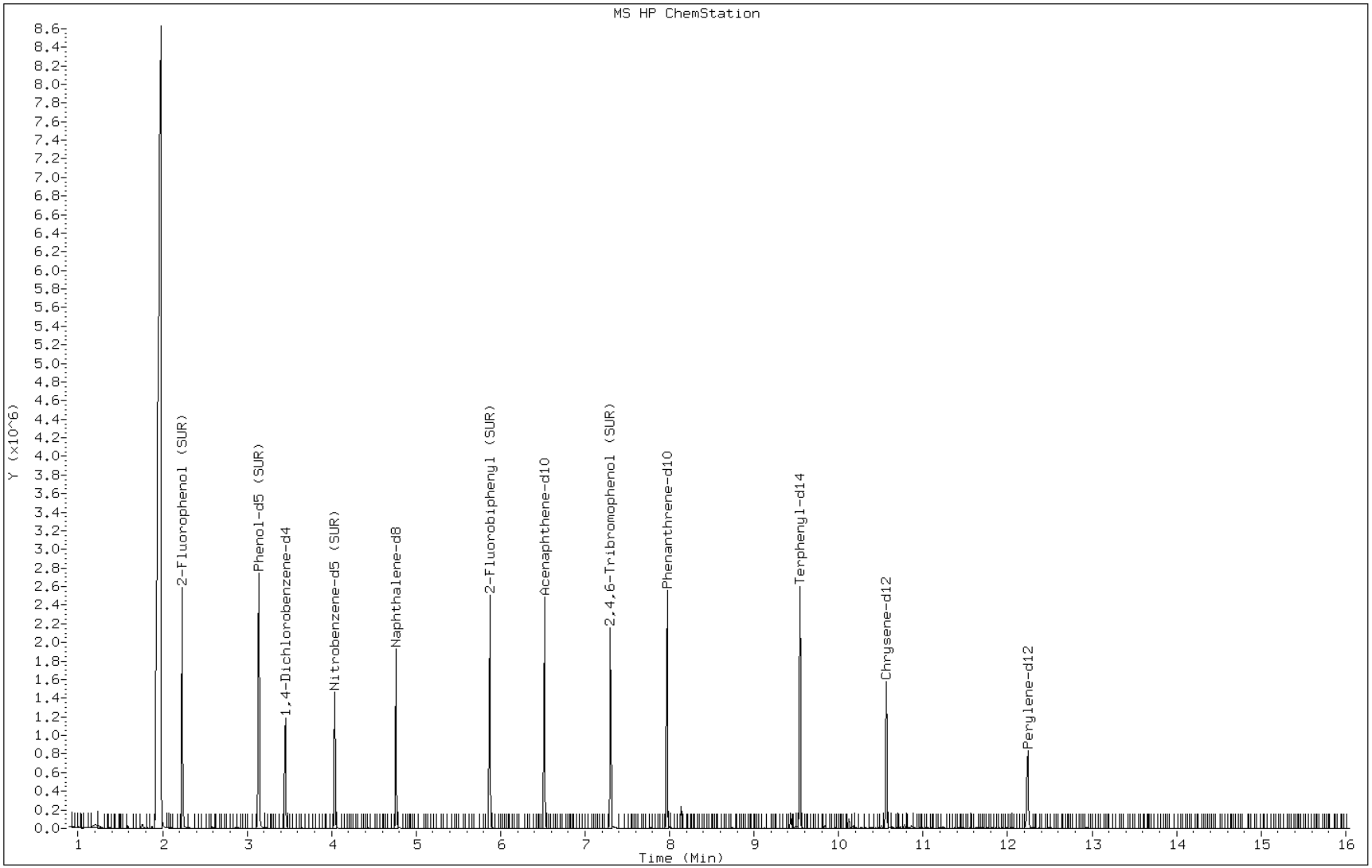
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.230	2.210	(0.646)	398971	100.940	7500
$ 17 Phenol-d5 (SUR)	99	3.140	3.145	(0.909)	649016	95.0158	7000
* 79 1,4-Dichlorobenzene-d4	152	3.454	3.454	(1.000)	128985	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.048	(0.848)	377672	38.7418	2900
* 80 Naphthalene-d8	136	4.762	4.765	(1.000)	549352	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.872	5.879	(0.901)	544322	40.8440	3000
* 82 Acenaphthene-d10	164	6.520	6.523	(1.000)	387892	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.310	(1.120)	185657	62.1820	4600
* 83 Phenanthrene-d10	188	7.973	7.978	(1.000)	769727	40.0000	
$ 78 Terphenyl-d14	244	9.544	9.548	(0.903)	725079	49.5891	3700
* 81 Chrysene-d12	240	10.565	10.573	(1.000)	577573	40.0000	
* 84 Perylene-d12	264	12.240	12.244	(1.000)	470987	40.0000	

Data File: u78042.d

Date: 06-JUL-2012 14:21

Client ID: F-28 Instrument: BNAMS4.i

Sample Info: 460-41730-E-22-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: p31657.d

Analysis Method: 8270C | Date Collected: 06/26/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 15:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	56	U	370	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	44	U	370	44
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	90	U	370	90
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	47	U	370	47
91-20-3	Naphthalene	42	U	370	42
106-47-8	4-Chloroaniline	97	U	370	97
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	370	84
59-50-7	4-Chloro-3-methylphenol	55	U	370	55
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	47	U	370	47
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	370	43
208-96-8	Acenaphthylene	43	U	370	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: p31657.d

Analysis Method: 8270C | Date Collected: 06/26/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 15:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	43	U	370	43
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	370	49
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48
123-91-1	1,4-Dioxane	27	U	370	27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: p31657.d

Analysis Method: 8270C | Date Collected: 06/26/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 15:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	76		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: p31657.d

Analysis Method: 8270C | Date Collected: 06/26/2012 00:00

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2012 15:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 390

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.95	390	J

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31657.d
Report Date: 09-Jul-2012 00:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31657.d
Lab Smp Id: 460-41730-E-23-E Client Smp ID: FD-J
Inj Date : 06-JUL-2012 15:26
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41730-E-23-E
Misc Info : 460-41730-E-23-E
Comment   :
Method   : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	10.09346	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.320	2.296	(0.637)	1657504	76.1508	5600
$ 17 Phenol-d5 (SUR)	99	3.301	3.313	(0.906)	2003320	75.9852	5600
* 79 1,4-Dichlorobenzene-d4	152	3.642	3.648	(1.000)	645495	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.282	4.300	(0.847)	964968	39.3023	2900
* 80 Naphthalene-d8	136	5.058	5.069	(1.000)	2072491	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.209	6.215	(0.905)	1473519	42.3917	3100
* 82 Acenaphthene-d10	164	6.861	6.867	(1.000)	1009386	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.649	7.655	(1.115)	257463	63.1191	4700
* 83 Phenanthrene-d10	188	8.319	8.325	(1.000)	1232942	40.0000	
52 Phenanthrene	178	8.342	8.348	(1.003)	9978	0.29263	22(a)
$ 78 Terphenyl-d14	244	9.893	9.899	(0.907)	779296	44.7752	3300
* 81 Chrysene-d12	240	10.904	10.910	(1.000)	595999	40.0000	
* 84 Perylene-d12	264	12.549	12.549	(1.000)	559607	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31657.d
Report Date: 09-Jul-2012 00:38

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p31657.d

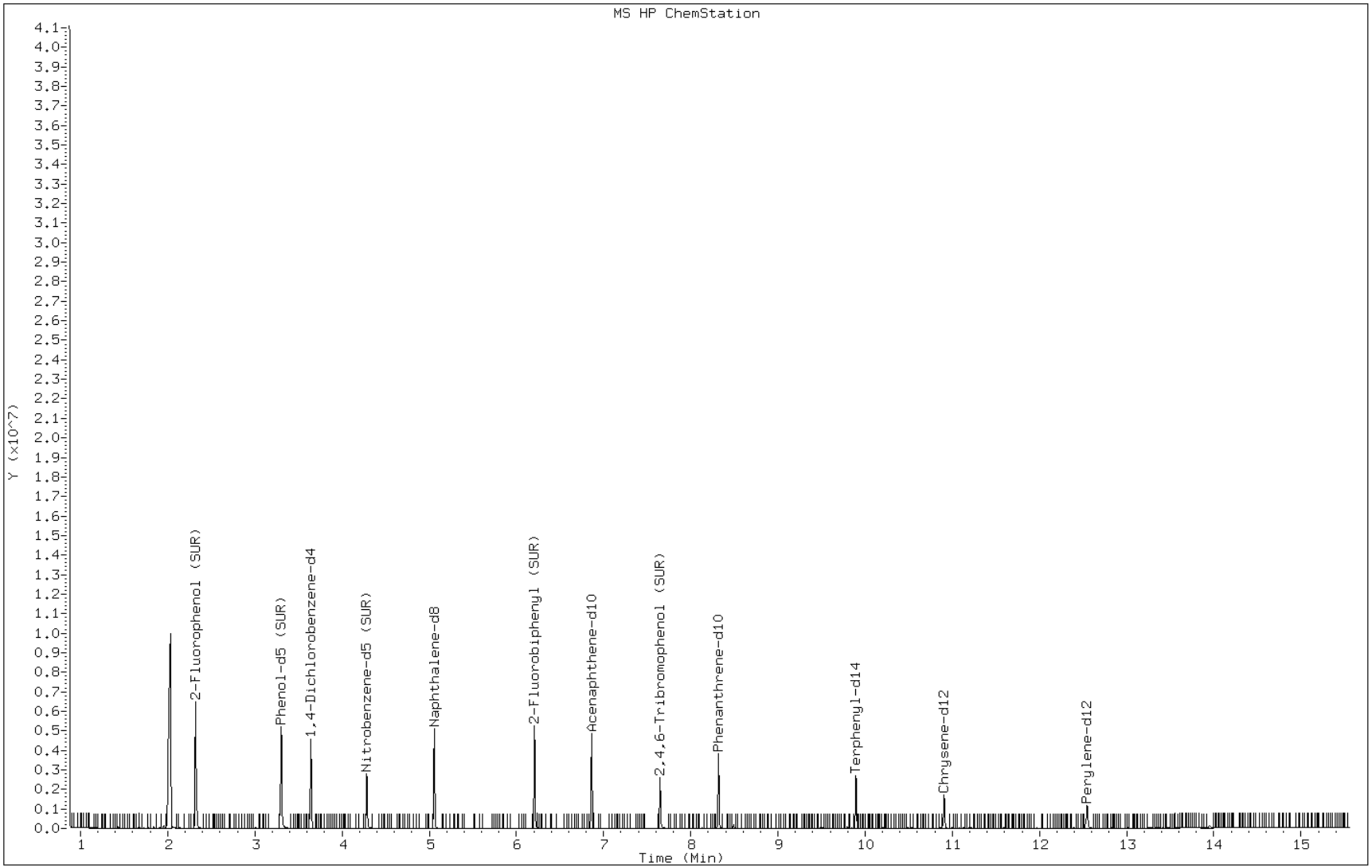
Date: 06-JUL-2012 15:26

Client ID: FD-J

Instrument: BNAMS10.i

Sample Info: 460-41730-E-23-E

Operator: BNAMS 4



Data File: p31657.d

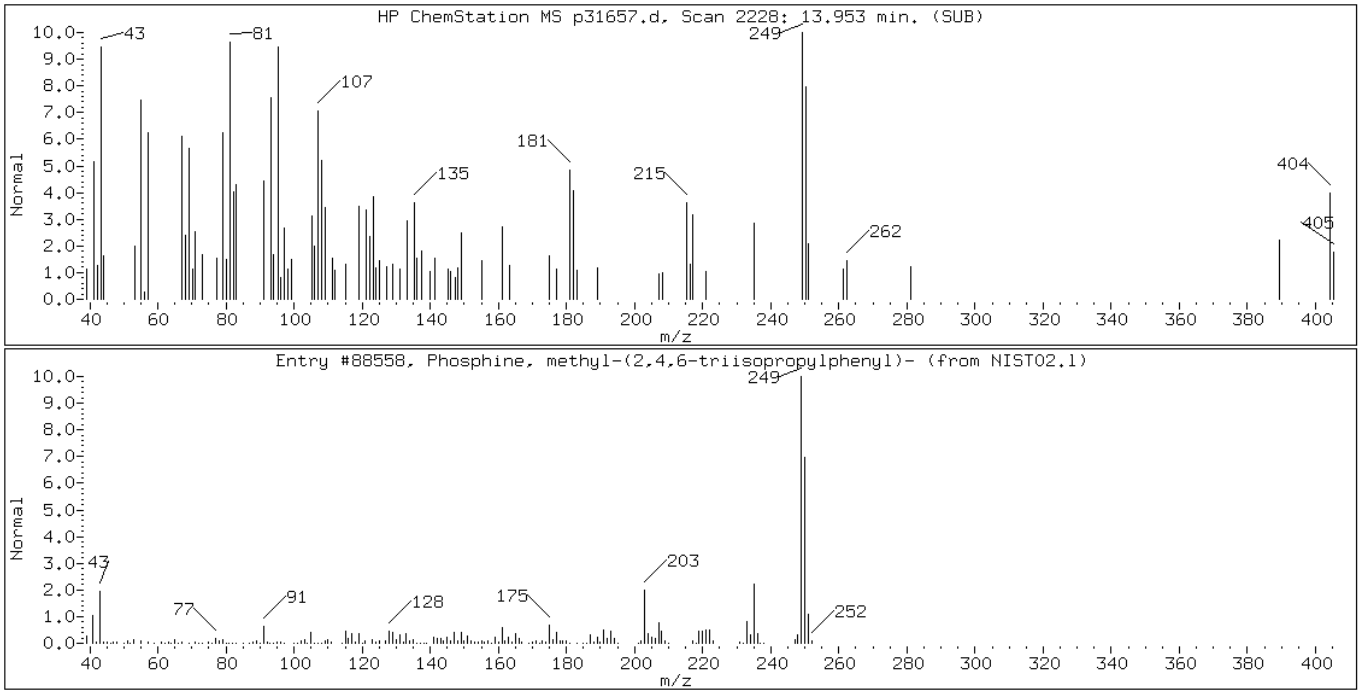
Date: 06-JUL-2012 15:26

Client ID: FD-J Instrument: BNAMS10.i

Sample Info: 460-41730-E-23-E Operator: BNAMS 4

Retention Time: 13.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phosphine, methyl-(2,4,6-triisopro	158748-69-7	NIST02.l	88558	38	C16H27P	250



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118036/7	p31442.d
Level 2	IC 460-118036/6	p31441.d
Level 3	IC 460-118036/5	p31440.d
Level 4	ICIS 460-118036/2	p31437.d
Level 5	IC 460-118036/4	p31439.d
Level 6	IC 460-118036/3	p31438.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								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.6423 0.5861	0.6593	0.6143	0.4796	0.4951	Ave		0.5795				13.1		15.0			
N-Nitrosodimethylamine	0.9075 0.8663	0.9320	0.8540	0.7904	0.7825	Ave		0.8554				7.1		15.0			
Pyridine	1.5636 1.4670	1.6250	1.5382	1.3228	1.3730	Ave		1.4816				7.9		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2200	+++++	Ave		0.2200						15.0			
Benzaldehyde	0.9956 +++++	0.7932	0.6881	0.4835	0.2484	Ave		0.6417				44.8	*	15.0			
Aniline	2.1488 1.6967	2.0632	1.9967	1.9023	1.7733	Ave		1.9302				9.0		15.0			
Phenol	1.9204 1.9015	1.8301	1.7940	1.6012	1.3156	Ave		1.7271				13.4		30.0			
Bis(2-chloroethyl)ether	1.5322 1.7066	1.4037	1.3594	1.3414	1.3102	Ave		1.4422				10.5		15.0			
2-Chlorophenol	1.4670 1.3873	1.4658	1.4443	1.3453	1.1968	Ave		1.3844				7.5		15.0			
Decane	1.4612 1.2581	1.4292	1.4226	1.3696	1.2920	Ave		1.3721				5.9		15.0			
1,3-Dichlorobenzene	1.6301 1.4040	1.6615	1.5466	1.5482	1.4593	Ave		1.5416				6.4		15.0			
1,4-Dichlorobenzene	1.7138 1.3647	1.6950	1.5823	1.5632	1.4448	Ave		1.5606				8.8		30.0			

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 Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

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	1.5708 1.3374	1.5746	1.5055	1.4534	1.3577	Ave		1.4666				7.0		15.0			
Benzyl alcohol	0.7922 0.8646	0.7874	0.8250	0.8013	0.7732	Ave		0.8073				4.1		15.0			
2,2'-oxybis[1-chloropropane]	1.5443 1.3762	1.5072	1.4794	1.4182	1.3380	Ave		1.4439				5.5		15.0			
2-Methylphenol	1.2839 1.2308	1.1953	1.2739	1.1661	1.0542	Ave		1.2007				7.1		15.0			
Acetophenone	1.7816 1.7401	1.8290	1.7978	1.6606	1.5396	Ave		1.7248				6.2		15.0			
N-Nitrosodi-n-propylamine	1.0113 0.9234	0.9762	0.9629	0.8746	0.8373	Ave		0.9309			0.0500	7.0		15.0			
3 & 4 Methylphenol	1.2845 1.1509	1.2183	1.2619	1.0946	1.0284	Ave		1.1731				8.5		15.0			
4-Methylphenol	1.2465 1.1509	1.2018	1.2619	1.0946	1.0006	Ave		1.1594				8.6		15.0			
Hexachloroethane	0.6137 0.5832	0.6599	0.6306	0.6289	0.5974	Ave		0.6189				4.4		15.0			
Nitrobenzene	0.5912 0.5176	0.6683	0.6376	0.6059	0.5637	Ave		0.5974				8.9		15.0			
n,n'-Dimethylaniline	1.8909 1.7787	1.9672	1.9435	1.8188	1.7201	Ave		1.8532				5.2		15.0			
Isophorone	0.7969 0.6669	0.7650	0.7416	0.6843	0.6598	Ave		0.7191				7.9		15.0			
2-Nitrophenol	0.2161 0.2214	0.2163	0.2332	0.2189	0.2108	Ave		0.2194				3.5		30.0			
2,4-Dimethylphenol	0.3830 0.3289	0.3693	0.3880	0.3339	0.3178	Ave		0.3535				8.6		15.0			
Bis(2-chloroethoxy)methane	0.4689 0.3931	0.4666	0.4480	0.4203	0.4000	Ave		0.4328				7.7		15.0			
2,4-Dichlorophenol	0.3267 0.2909	0.3201	0.3348	0.3045	0.2731	Ave		0.3083				7.6		30.0			
Benzoic acid	0.1082 0.2293	0.1417	0.2156	0.2076	0.2087	LinF		0.2214							0.9933		0.9900
1,2,4-Trichlorobenzene	0.3745 0.3224	0.3789	0.3577	0.3533	0.3399	Ave		0.3544				6.0		15.0			
Naphthalene	1.2266 0.7698	1.2008	1.1079	1.0030	0.8671	QuaF		0.7055	0.2561						0.9996		0.9900
4-Chloroaniline	0.4618 0.3635	0.4568	0.4259	0.3820	0.3714	Ave		0.4102				10.7		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

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								
Hexachlorobutadiene	0.2138 0.1811	0.2140	0.2055	0.2045	0.1990	Ave		0.2030				6.0		30.0			
Caprolactam	0.0750 0.0857	0.0919	0.0900	0.0900	0.0882	Ave		0.0868				7.1		15.0			
4-Chloro-3-methylphenol	0.3370 0.2980	0.3301	0.3518	0.3106	0.2599	Ave		0.3146				10.5		30.0			
2-Methylnaphthalene	0.7413 0.5895	0.7354	0.7101	0.6378	0.6051	Ave		0.6699				10.1		15.0			
1-Methylnaphthalene	0.7640 0.5930	0.7095	0.7502	0.6589	0.6095	Ave		0.6808				10.6		15.0			
Hexachlorocyclopentadiene	0.2267 0.3515	0.2483	0.2785	0.3370	0.3486	LinF		0.3479							0.9970		0.9900
1,2,4,5-Tetrachlorobenzene	0.6529 0.6344	0.6381	0.6695	0.6327	0.6015	Ave		0.6382				3.6		30.0			
2-tertbutyl-4-methylphenol	0.5323 0.4188	0.5041	0.5234	0.4458	0.4025	Ave		0.4712				11.9		15.0			
2,4,6-Trichlorophenol	0.3735 0.4294	0.3714	0.4049	0.4002	0.3736	Ave		0.3922				6.0		30.0			
2,4,5-Trichlorophenol	0.3913 0.3835	0.3985	0.4061	0.4042	0.3661	Ave		0.3916				3.8		15.0			
Diphenyl	1.6499 1.1967	1.6842	1.6074	1.5006	1.3170	Ave		1.4926				13.2		15.0			
2-Chloronaphthalene	1.2555 1.0532	1.2172	1.2078	1.1810	1.1024	Ave		1.1695				6.5		15.0			
Diphenyl ether	0.8870 0.7900	0.8763	0.8638	0.8516	0.8057	Ave		0.8457				4.6		15.0			
2-Nitroaniline	0.3891 0.3363	0.3838	0.3822	0.3689	0.3569	Ave		0.3696				5.4		15.0			
Dimethylnaphthalene, total	1.0703 0.9633	1.0351	1.0905	1.0350	0.9469	Ave		1.0235				5.6		15.0			
Dimethyl phthalate	1.2668 1.0315	1.1949	1.1748	1.1288	1.0435	Ave		1.1401				8.0		15.0			
Coumarin	0.2216 0.1938	0.2022	0.2119	0.1993	0.1818	Ave		0.2018				6.9		15.0			
2,6-Dinitrotoluene	0.2671 0.2629	0.2771	0.2720	0.2719	0.2642	Ave		0.2692				2.0		15.0			
Acenaphthylene	1.9576 1.4229	1.8535	1.7880	1.6722	1.5099	Ave		1.7007				12.1		15.0			
3-Nitroaniline	0.3046 0.2652	0.3042	0.2877	0.2714	0.2695	Ave		0.2838				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

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								
Acenaphthene	1.1432 0.9668	1.1343	1.0891	1.0721	1.0076	Ave		1.0688				6.5		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.0350 0.9318	1.0610	1.1360	1.0173	0.9313	Ave		1.0187				7.7		15.0			
2,4-Dinitrophenol	0.1017 0.1509	0.1172	0.1228	0.1432	0.1450	Ave		0.1302			0.0500	14.8		15.0			
Dibenzofuran	1.6062 1.2574	1.5627	1.5259	1.4575	1.3271	Ave		1.4562				9.5		15.0			
4-Nitrophenol	0.2067 0.2225	0.2259	0.2144	0.2492	0.2179	Ave		0.2228			0.0500	6.5		15.0			
2,4-Dinitrotoluene	0.3357 0.3250	0.3421	0.3251	0.3304	0.3165	Ave		0.3291				2.7		15.0			
2,3,4,6-Tetrachlorophenol	0.2659 0.2556	0.2485	0.2577	0.2607	0.2549	Ave		0.2572				2.3		30.0			
Diethyl phthalate	1.2297 0.9782	1.1781	1.1360	1.1087	1.0325	Ave		1.1105				8.4		15.0			
Fluorene	1.3220 1.0461	1.2708	1.2445	1.1996	1.0917	Ave		1.1958				8.9		15.0			
4-Chlorophenyl phenyl ether	0.6063 0.5386	0.5931	0.5814	0.5804	0.5543	Ave		0.5757				4.3		15.0			
4-Nitroaniline	0.2636 0.1845	0.2711	0.2379	0.2498	0.2103	Ave		0.2362				14.0		15.0			
4,6-Dinitro-2-methylphenol	0.1244 0.1639	0.1288	0.1372	0.1506	0.1554	Ave		0.1434				10.9		15.0			
N-Nitrosodiphenylamine	0.6323 0.6441	0.6170	0.6642	0.6155	0.6221	Ave		0.6325				3.0		30.0			
1,2-Diphenylhydrazine	1.1009 1.1532	1.2362	1.2562	1.1586	1.0803	Ave		1.1642				6.1		15.0			
4-Bromophenyl phenyl ether	0.2403 0.2646	0.2470	0.2518	0.2491	0.2515	Ave		0.2507				3.2		15.0			
Hexachlorobenzene	0.2607 0.2748	0.2606	0.2663	0.2616	0.2604	Ave		0.2641				2.2		15.0			
Atrazine	0.2195 0.2178	0.2238	0.2150	0.2203	0.2154	Ave		0.2186				1.5		15.0			
Pentachlorophenol	0.1309 0.1582	0.1330	0.1345	0.1527	0.1523	Ave		0.1436				8.4		30.0			
Pentachloronitrobenzene	0.1192 0.1089	0.1127	0.1116	0.1049	0.1062	Ave		0.1106				4.7					
n-Octadecane	0.6027 0.5934	0.5774	0.6721	0.6007	0.5655	Ave		0.6020				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

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								
Phenanthrene	1.1938 1.0169	1.1743	1.1236	1.0896	1.0392	Ave		1.1062				6.4		15.0			
Anthracene	1.1839 0.9806	1.2109	1.1302	1.1086	1.0330	Ave		1.1079				7.9		15.0			
Carbazole	1.0346 0.7897	1.0046	0.9157	0.8981	0.8394	Ave		0.9137				10.3		15.0			
Di-n-butyl phthalate	1.3046 1.0060	1.3114	1.1964	1.1669	1.0942	Ave		1.1799				10.1		15.0			
Fluoranthene	1.0914 0.8394	1.0795	0.9593	0.9691	0.9119	Ave		0.9751				10.0		30.0			
Benzidine	0.3090 +++++	0.3877	0.2357	0.0843	0.0410	Ave		0.2115				69.5	*	15.0			
Pyrene	1.7757 1.7029	1.7796	1.7269	1.6408	1.5262	Ave		1.6920				5.7		15.0			
Butyl benzyl phthalate	0.7509 0.7645	0.7414	0.7443	0.7261	0.7014	Ave		0.7381				3.0		15.0			
Carbamazepine	0.4554 0.5141	0.4710	0.5314	0.5241	0.5185	Ave		0.5024				6.2		15.0			
3,3'-Dichlorobenzidine	0.4391 0.2874	0.4128	0.4007	0.3540	0.3124	QuaF		2.1235	1.6007						0.9993		0.9900
Benzo[a]anthracene	1.4367 1.1618	1.2557	1.2193	1.1763	1.1438	Ave		1.2323				8.8		15.0			
Chrysene	1.1381 1.0083	1.1791	1.1321	1.0875	1.0228	Ave		1.0946				6.2		15.0			
Bis(2-ethylhexyl) phthalate	0.9606 0.9508	0.9838	0.9660	0.9082	0.8805	Ave		0.9417				4.2		15.0			
Di-n-octyl phthalate	1.6580 2.0917	1.8274	1.8230	1.8941	1.8269	Ave		1.8535				7.6		30.0			
Benzo[b]fluoranthene	1.0378 1.3170	1.2637	1.2018	1.2454	1.2935	Ave		1.2265				8.2		15.0			
Benzo[k]fluoranthene	1.3313 1.2791	1.3122	1.2924	1.3418	1.2207	Ave		1.2962				3.4		15.0			
Benzo[a]pyrene	0.9145 1.0397	1.0366	0.9886	1.0308	1.0013	Ave		1.0019				4.7		30.0			
Indeno[1,2,3-cd]pyrene	0.8449 0.9494	0.8795	0.8514	0.9457	0.9642	Ave		0.9058				5.9		15.0			
Dibenz(a,h)anthracene	0.7437 0.9338	0.8395	0.8719	0.9460	0.9298	Ave		0.8774				8.8		15.0			
Benzo[g,h,i]perylene	0.8578 0.9282	0.9121	0.8781	0.9492	0.9222	Ave		0.9079				3.7		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

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-Fluorophenol	1.3995 1.3500	1.4173	1.4255	1.2891	1.2115	Ave		1.3488				6.3		15.0			
Phenol-d5	1.6809 1.7241	1.7140	1.7125	1.5481	1.4230	Ave		1.6338				7.5		15.0			
Nitrobenzene-d5	0.4960 0.4460	0.5000	0.4934	0.4622	0.4456	Ave		0.4739				5.4		15.0			
2-Fluorobiphenyl	1.4380 1.2572	1.4303	1.4819	1.3848	1.2725	Ave		1.3775				6.7		15.0			
2,4,6-Tribromophenol	0.1693 0.1615	0.1599	0.1594	0.1656	0.1540	Ave		0.1616				3.3		15.0			
Terphenyl-d14	1.1592 1.2401	1.1753	1.2380	1.1439	1.0521	Ave		1.1681				6.0		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118036/7	p31442.d
Level 2	IC 460-118036/6	p31441.d
Level 3	IC 460-118036/5	p31440.d
Level 4	ICIS 460-118036/2	p31437.d
Level 5	IC 460-118036/4	p31439.d
Level 6	IC 460-118036/3	p31438.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	73782 1713714	150895	314917	575980	982016	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	104242 2532733	213292	437802	949225	1552071	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	179607 4289267	371913	788497	1588710	2723581	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	2698	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	114358 +++++	181524	352723	580642	492803	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	246825 4960791	472187	1023561	2284645	3517557	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	220582 5559624	418844	919634	1922958	2609699	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	17600 4989626	321252	696853	1611012	2598906	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	168505 4056087	335462	740374	1615648	2373979	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	167835 3678353	327102	729257	1644819	2562808	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	187244 4105111	380266	792853	1859392	2894650	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	196849 3989998	387934	811143	1877400	2865817	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	180432 3910259	360376	771764	1745514	2693078	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl alcohol	DCB	Ave	90998 2527961	180203	422928	962345	1533671	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	177386 4023689	344946	758398	1703286	2653984	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	147474 3598678	273555	653053	1400412	2091190	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	204642 5087625	418584	921607	1994381	3054048	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	11616 2699729	223421	493613	1050360	1660868	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	147547 3364958	278825	646886	1314593	2039997	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	143184 3364958	275045	646886	1314593	1984851	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	7049 1705059	151035	323238	755307	1184974	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	20977 5038360	465721	1015345	2199797	3336295	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	21720 5200544	450229	996304	2184359	3411933	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	282769 6492015	533158	1180989	2484573	3905126	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	76665 2154935	150775	371404	794803	1247561	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	135899 3201981	257336	617933	1212224	1881186	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	166395 3826226	325170	713474	1525955	2367648	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	115909 2831321	223057	533188	1105534	1616293	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	38382 2232362	98760	343332	753730	1235113	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	13288 3138741	264027	569542	1282784	2011850	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	QuaF	435235 7493305	836820	1764234	3641793	5132230	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	163867 3538134	318366	678167	1386831	2198164	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	15176 1762673	149130	327175	742479	1178182	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	26611 834538	64072	143348	326896	522108	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	119565 2901216	230062	560139	1127741	1538221	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	263041 5738046	512502	1130694	2315902	3581619	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	271075 5772711	494442	1194577	2392405	3607642	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	LinF	42298 1640580	89465	224543	581560	981711	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	121810 2961049	229946	539758	1091776	1693940	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	188876 4077013	351312	833445	1618723	2382535	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	69689 2004303	133858	326432	690567	1052080	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	73005 1789822	143607	327368	697488	1030820	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	307819 5585479	606947	1295885	2589527	3708615	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	234240 4915814	438662	973739	2038100	3104283	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	165480 3687333	315785	696349	1469691	2268796	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	145204 1569807	138315	308154	636695	1004888	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	199677 4496171	373038	879141	1786127	2666515	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	236354 4814702	430622	947148	1948014	2938493	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	78643 1886093	140898	337494	723728	1076103	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	9967 1227215	99870	219251	469205	743891	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	365236 6641217	667958	1441507	2885760	4251895	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	113672 1237998	109625	231938	468310	759034	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	213293 4512638	408780	877996	1850064	2837365	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	193094 4349122	382358	915857	1755485	2622553	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	56948 704267	84490	148524	247181	408288	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	299671 5868929	563168	1230193	2515307	3737106	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	115709 1038426	162839	259213	430004	613686	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	12528 1516841	123297	262105	570127	891242	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	49607 1192915	89555	207782	449904	717678	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	229431 4565972	424557	915844	1913250	2907449	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	246642 4882598	457973	1003338	2070100	3074163	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	113114 2514106	213747	468732	1001555	1560987	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	98347 861355	97704	191802	431121	592094	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	93170 852164	121071	201257	325917	524340	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	157908 3349881	289969	649491	1331974	2099055	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	274926 5997259	580974	1228464	2507324	3645024	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	60008 1375897	116101	246196	539060	848693	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	6510 1428954	122480	260419	566076	878506	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	54812 1132897	105178	210281	476691	726802	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	98036 822611	124993	197256	330425	513836	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	29776 566542	52979	109124	226966	358176	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	150513 3086217	271380	657244	1299893	1907833	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	298136 5288368	551876	1098801	2357968	3506138	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	295660 5099642	569073	1105261	2399027	3485430	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	258390 4106844	472144	895443	1943495	2832001	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	325798 5231856	616306	1169930	2525213	3691735	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	272561 4365542	507335	938062	2097184	3076765	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	77181 +++++	364415	345732	182454	138190	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	270962 4203772	499762	899511	2011960	2943369	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	114587 1887345	208195	387677	890333	1352656	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	69494 1269018	132259	276815	642631	999923	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	134021 709379	231842	313054	434029	602555	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	21923 2868032	352644	635104	1442325	2206032	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	173670 2489116	331127	589662	1333438	1972659	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	146589 2347137	276289	503172	1113570	1698150	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	197126 3256260	383660	713631	1640845	2519128	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	12339 2050302	265298	470466	1078840	1783634	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	15828 1991177	275484	505924	1162381	1683256	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	10873 1618550	217621	386994	892930	1380692	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	10045 1477971	184648	333288	819252	1329550	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	8842 1453631	176247	341322	819461	1282120	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	101987 1444957	191490	343752	822240	1271603	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	160755 3946995	324368	730729	1548171	2403053	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	193070 5040900	392278	877850	1859239	2822707	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	176003 4341280	348483	785660	1678321	2637519	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	268295 5868165	515466	1194656	2389714	3583234	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	31595 753949	57627	128530	285855	433652	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118036

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 04:51 Calibration End Date: 06/29/2012 07:35 Calibration ID: 16244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	176894 3061266	330058	644836	1402629	2029073	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31437.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31437.d
Lab Smp Id: ICIS-1519304
Inj Date : 29-JUN-2012 04:51
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : ICIS-1519304
Misc Info : 50 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:36 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 04:51 Cal File: p31437.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.095	1.095	(0.287)	575980	50.0000	41
	19 N-Nitrosodimethylamine	74	1.312	1.312	(0.344)	949225	50.0000	46
	71 Pyridine	79	1.330	1.330	(0.349)	1588710	50.0000	45
$	16 2-Fluorophenol (SUR)	112	2.440	2.440	(0.641)	1548171	50.0000	48
	110 Benzaldehyde	77	3.310	3.310	(0.869)	580642	50.0000	38
$	17 Phenol-d5 (SUR)	99	3.469	3.469	(0.911)	1859239	50.0000	47
	73 Aniline	93	3.445	3.445	(0.904)	2284645	50.0000	49
	1 Phenol	94	3.480	3.480	(0.914)	1922958	50.0000	46
	20 bis(2-Chloroethyl)ether	93	3.545	3.545	(0.931)	1611012	50.0000	46
	2 2-Chlorophenol	128	3.580	3.580	(0.940)	1615648	50.0000	48
	113 n-decane	43	3.668	3.668	(0.963)	1644819	50.0000	50
	21 1,3-Dichlorobenzene	146	3.745	3.745	(0.983)	1859392	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.809	3.809	(1.000)	960788	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31437.d
Report Date: 29-Jun-2012 11:37

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.827	3.827	(1.005)	1877400	50.0000	50
	74 Benzyl Alcohol	108	4.009	4.009	(1.052)	962345	50.0000	50
	23 1,2-Dichlorobenzene	146	3.997	3.997	(1.049)	1745514	50.0000	50
	3 2-Methylphenol	108	4.162	4.162	(1.093)	1400412	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.156	4.156	(1.091)	1703286	50.0000	49
	104 Acetophenone	105	4.297	4.297	(1.128)	1994381	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	4.321	4.321	(1.134)	1050360	50.0000	47
	4 4-Methylphenol	108	4.344	4.344	(1.140)	1314593	50.0000	47
	123 3 & 4 Methylphenol	108	4.344	4.344	(1.140)	1314593	50.0000	47
	26 Hexachloroethane	117	4.368	4.368	(1.147)	755307	50.0000	51
$	76 Nitrobenzene-d5 (SUR)	82	4.450	4.450	(0.853)	1678321	50.0000	49
	27 Nitrobenzene	77	4.479	4.479	(0.859)	2199797	50.0000	51
	107 N,N-Dimethylaniline	120	4.479	4.479	(1.176)	2184359	50.0000	49
	28 Isophorone	82	4.749	4.749	(0.911)	2484573	50.0000	48
	5 2-Nitrophenol	139	4.820	4.820	(0.924)	794803	50.0000	50
	6 2,4-Dimethylphenol	122	4.920	4.920	(0.944)	1212224	50.0000	47
	29 bis(2-Chloroethoxy)methane	93	5.002	5.002	(0.959)	1525955	50.0000	48
	15 Benzoic Acid	122	5.143	5.143	(0.986)	753730	50.0000	51
	7 2,4-Dichlorophenol	162	5.096	5.096	(0.977)	1105534	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.167	5.167	(0.991)	1282784	50.0000	50
*	80 Naphthalene-d8	136	5.214	5.214	(1.000)	2904732	40.0000	
	31 Naphthalene	128	5.237	5.237	(1.004)	3641793	50.0000	51
	32 4-Chloroaniline	127	5.325	5.325	(1.021)	1386831	50.0000	46
	33 Hexachlorobutadiene	225	5.390	5.390	(1.034)	742479	50.0000	50
	111 Caprolactam	113	5.748	5.748	(1.103)	326896	50.0000	52
	8 4-Chloro-3-methylphenol	107	5.883	5.883	(1.128)	1127741	50.0000	49
	34 2-Methylnaphthalene	142	5.966	5.966	(1.144)	2315902	50.0000	48
	120 1-Methylnaphthalene	142	6.066	6.066	(1.163)	2392405	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.142	6.142	(0.875)	581560	50.0000	48
	129 1,2,4,5-Tetrachlorobenzene	216	6.148	6.148	(0.876)	1091776	50.0000	50
	121 2-tert-Butyl-4-methylphenol	149	6.230	6.230	(1.195)	1618723	50.0000	47
	9 2,4,6-Trichlorophenol	196	6.283	6.283	(0.895)	690567	50.0000	51
	10 2,4,5-Trichlorophenol	196	6.324	6.324	(0.901)	697488	50.0000	52
$	77 2-Fluorobiphenyl (SUR)	172	6.359	6.359	(0.906)	2389714	50.0000	50
	102 Diphenyl	154	6.453	6.453	(0.920)	2589527	50.0000	50
	36 2-Chloronaphthalene	162	6.459	6.459	(0.920)	2038100	50.0000	50
	103 Diphenyl Ether	170	6.565	6.565	(0.936)	1469691	50.0000	50
	37 2-Nitroaniline	65	6.588	6.588	(0.939)	636695	50.0000	50
	125 1,3-Dimethylnaphthalene	156	6.688	6.688	(0.953)	1786127	50.0000	50
	38 Dimethylphthalate	163	6.788	6.788	(0.967)	1948014	50.0000	50
	114 Coumarin	146	6.788	6.788	(1.302)	723728	50.0000	49
	40 2,6-Dinitrotoluene	165	6.847	6.847	(0.976)	469205	50.0000	50
	39 Acenaphthylene	152	6.871	6.871	(0.979)	2885760	50.0000	49
	41 3-Nitroaniline	138	7.006	7.006	(0.998)	468310	50.0000	48
*	82 Acenaphthene-d10	164	7.017	7.017	(1.000)	1380569	40.0000	
	42 Acenaphthene	154	7.047	7.047	(1.004)	1850064	50.0000	50
	122 2,6-Di-tert-butyl-p-cresol	205	7.076	7.076	(1.008)	1755485	50.0000	50

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31437.d
Report Date: 29-Jun-2012 11:37

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11	2,4-Dinitrophenol	184	7.123	7.123	(1.015)	247181	50.0000	55
	12	4-Nitrophenol	65	7.223	7.223	(1.029)	430004	50.0000	56
	44	2,4-Dinitrotoluene	165	7.247	7.247	(1.033)	570127	50.0000	50
	43	Dibenzofuran	168	7.223	7.223	(1.029)	2515307	50.0000	50
	130	2,3,4,6-Tetrachlorophenol	232	7.364	7.364	(1.049)	449904	50.0000	51
	45	Diethylphthalate	149	7.493	7.493	(1.068)	1913250	50.0000	50
	47	Fluorene	166	7.558	7.558	(1.077)	2070100	50.0000	50
	46	4-Chlorophenyl-phenylether	204	7.576	7.576	(1.080)	1001555	50.0000	50
	48	4-Nitroaniline	138	7.617	7.617	(1.085)	431121	50.0000	53
	13	4,6-Dinitro-2-methylphenol	198	7.652	7.652	(0.903)	325917	50.0000	52
	49	N-Nitrosodiphenylamine	169	7.699	7.699	(0.908)	1331974	50.0000	49
	75	1,2-Diphenylhydrazine	77	7.728	7.728	(0.912)	2507324	50.0000	50
$	18	2,4,6-Tribromophenol (SUR)	330	7.805	7.805	(1.112)	285855	50.0000	51
	50	4-Bromophenyl-phenylether	248	8.052	8.052	(0.950)	539060	50.0000	50
	51	Hexachlorobenzene	284	8.110	8.110	(0.957)	566076	50.0000	50
	112	Atrazine	200	8.251	8.251	(0.974)	476691	50.0000	50
	14	Pentachlorophenol	266	8.316	8.316	(0.981)	330425	50.0000	53
	132	Pentachloronitrobenzene	237	8.322	8.322	(0.982)	226966	50.0000	47
	115	n-Octadecane	57	8.433	8.433	(0.995)	1299893	50.0000	50
*	83	Phenanthrene-d10	188	8.475	8.475	(1.000)	1731242	40.0000	
	52	Phenanthrene	178	8.498	8.498	(1.003)	2357968	50.0000	49
	53	Anthracene	178	8.545	8.545	(1.008)	2399027	50.0000	50
	54	Carbazole	167	8.721	8.721	(1.029)	1943495	50.0000	49
	55	Di-n-butylphthalate	149	9.091	9.091	(1.073)	2525213	50.0000	49
	56	Fluoranthene	202	9.656	9.656	(1.139)	2097184	50.0000	50
	58	Benzidine	184	9.814	9.814	(1.158)	182454	50.0000	20
	57	Pyrene	202	9.873	9.873	(0.891)	2011960	50.0000	48
$	78	Terphenyl-d14	244	10.049	10.049	(0.907)	1402629	50.0000	49
	59	Butylbenzylphthalate	149	10.549	10.549	(0.952)	890333	50.0000	49
	109	2,3,7,8-TCDD (Screen)	320	10.625	10.625	(0.959)	2698	0.50000	0.50
	124	Carbamazepine	193	10.637	10.637	(0.960)	642631	50.0000	52
	60	3,3'-Dichlorobenzidine	252	11.066	11.066	(0.998)	434029	50.0000	50
	61	Benzo(a)anthracene	228	11.072	11.072	(0.999)	1442325	50.0000	48
*	81	Chrysene-d12	240	11.083	11.083	(1.000)	980938	40.0000	
	62	Chrysene	228	11.113	11.113	(1.003)	1333438	50.0000	50
	63	bis(2-Ethylhexyl)phthalate	149	11.160	11.160	(1.007)	1113570	50.0000	48
	64	Di-n-octylphthalate	149	11.912	11.912	(0.932)	1640845	50.0000	51
	65	Benzo(b)fluoranthene	252	12.311	12.311	(0.964)	1078840	50.0000	51
	66	Benzo(k)fluoranthene	252	12.341	12.341	(0.966)	1162381	50.0000	52
	67	Benzo(a)pyrene	252	12.705	12.705	(0.994)	892930	50.0000	51
*	84	Perylene-d12	264	12.775	12.775	(1.000)	693026	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.121	14.121	(1.105)	819252	50.0000	52(M)
	69	Dibenz(a,h)anthracene	278	14.150	14.150	(1.108)	819461	50.0000	54
	70	Benzo(g,h,i)perylene	276	14.444	14.444	(1.131)	822240	50.0000	52

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31437.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

M - Compound response manually integrated.

Data File: p31437.d

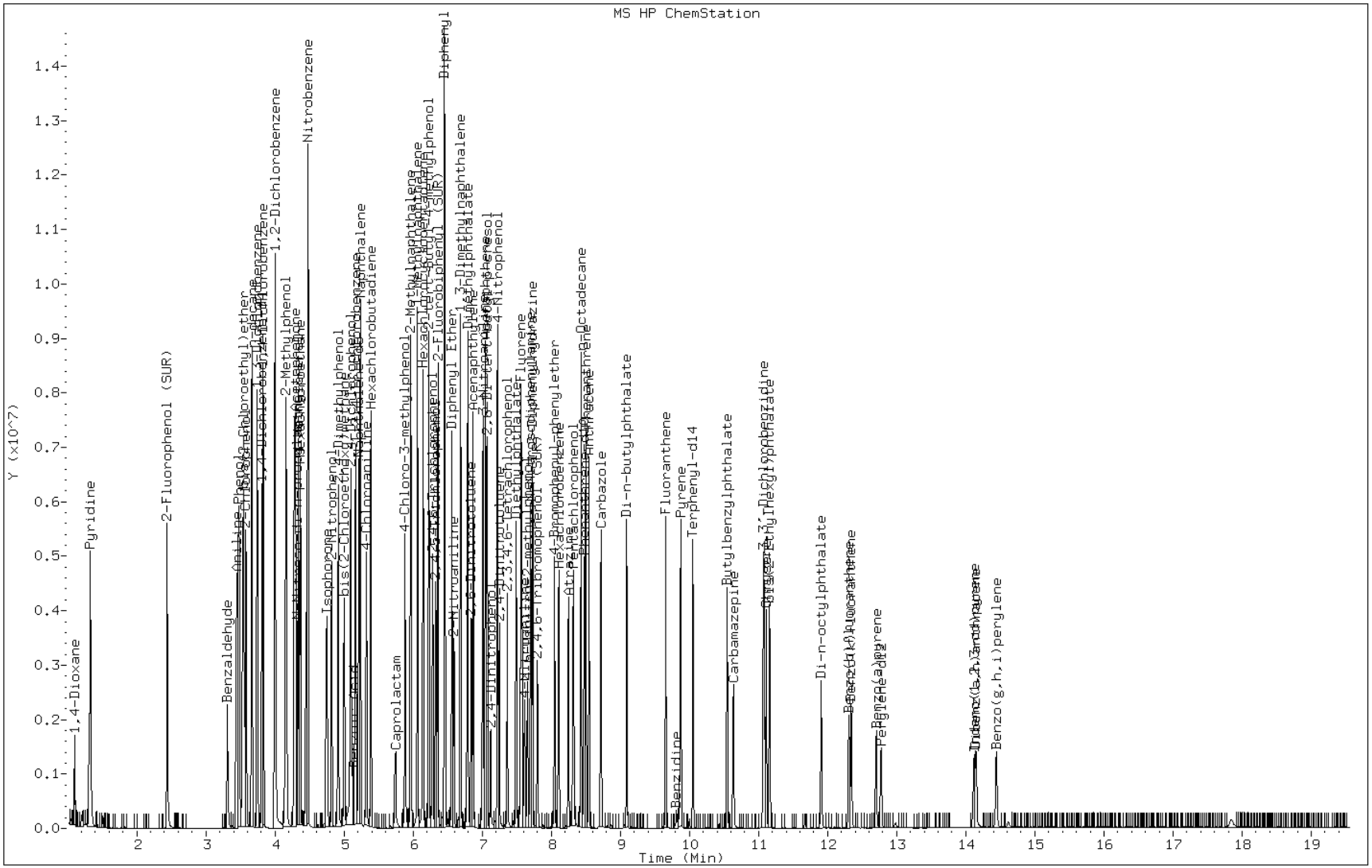
Date: 29-JUN-2012 04:51

Client ID:

Instrument: BNAMS10.i

Sample Info: ICIS-1519304

Operator: BNAMS 4



Manual Integration Report

Data File: p31437.d
Inj. Date and Time: 29-JUN-2012 04:51
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

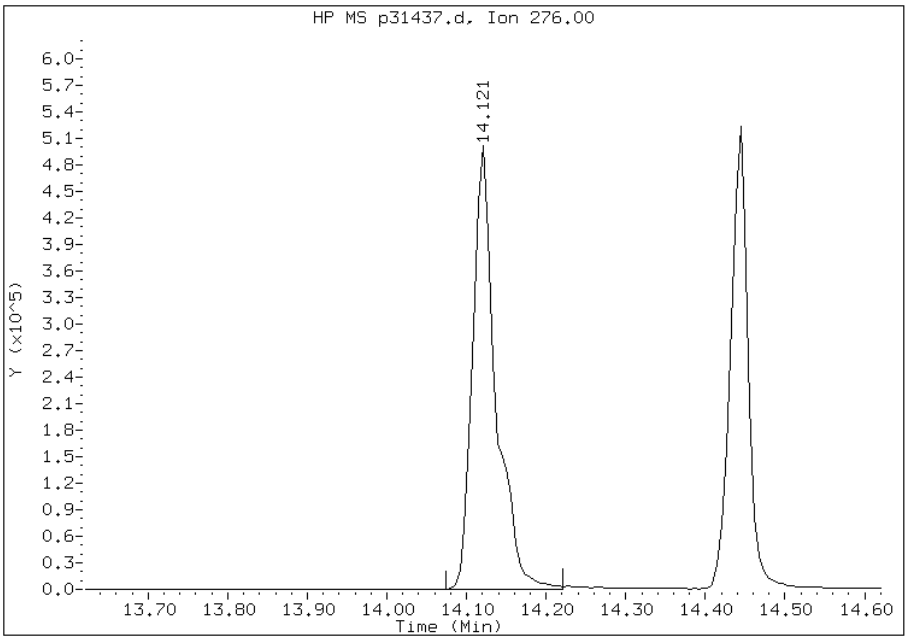
Processing Integration Results

RT: 14.12

Response: 1009280

Amount: 50

Conc: 50



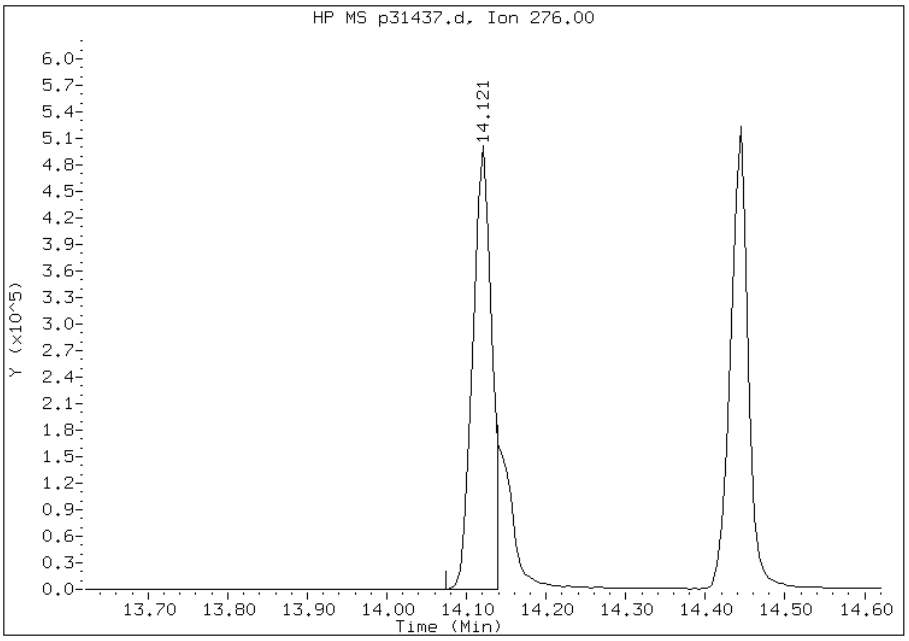
Manual Integration Results

RT: 14.12

Response: 819252

Amount: 52

Conc: 52



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31438.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31438.d
Lab Smp Id: IC-1564257
Inj Date : 29-JUN-2012 05:43
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1564257
Misc Info : 120 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:37 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 05:43 Cal File: p31438.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.194	1.194	(0.312)	1713714	120.000	120(AH)
	19 N-Nitrosodimethylamine	74	1.447	1.447	(0.378)	2532733	120.000	120(AH)
	71 Pyridine	79	1.459	1.459	(0.381)	4289267	120.000	120(H)
$	16 2-Fluorophenol (SUR)	112	2.511	2.511	(0.655)	3946995	120.000	120(A)
	110 Benzaldehyde	77	3.345	3.345	(0.873)	381411	120.000	24
$	17 Phenol-d5 (SUR)	99	3.515	3.515	(0.917)	5040900	120.000	130(A)
	73 Aniline	93	3.480	3.480	(0.908)	4960791	120.000	100(M)
	1 Phenol	94	3.533	3.533	(0.922)	5559624	120.000	130(A)
	20 bis(2-Chloroethyl)ether	93	3.586	3.586	(0.936)	4989626	120.000	140(A)
	2 2-Chlorophenol	128	3.627	3.627	(0.946)	4056087	120.000	120(A)
	113 n-decane	43	3.686	3.686	(0.962)	3678353	120.000	110
	21 1,3-Dichlorobenzene	146	3.774	3.774	(0.985)	4105111	120.000	110
*	79 1,4-Dichlorobenzene-d4	152	3.833	3.833	(1.000)	974589	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31438.d
Report Date: 29-Jun-2012 11:37

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.856	3.856	(1.006)	3989998	120.000	100
	74 Benzyl Alcohol	108	4.032	4.032	(1.052)	2527961	120.000	130(A)
	23 1,2-Dichlorobenzene	146	4.021	4.021	(1.049)	3910259	120.000	110
	3 2-Methylphenol	108	4.185	4.185	(1.092)	3598678	120.000	120(A)
	24 bis (2-chloroisopropyl) ether	45	4.168	4.168	(1.087)	4023689	120.000	110
	104 Acetophenone	105	4.326	4.326	(1.129)	5087625	120.000	120(A)
	25 N-Nitroso-di-n-propylamine	70	4.397	4.397	(1.147)	2699729	120.000	120(M)
	4 4-Methylphenol	108	4.385	4.385	(1.144)	3364958	120.000	120
	123 3 & 4 Methylphenol	108	4.385	4.385	(1.144)	3364958	120.000	120
	26 Hexachloroethane	117	4.379	4.379	(1.143)	1705059	120.000	110
$	76 Nitrobenzene-d5 (SUR)	82	4.479	4.479	(0.857)	4341280	120.000	110
	27 Nitrobenzene	77	4.508	4.508	(0.863)	5038360	120.000	100
	107 N,N-Dimethylaniline	120	4.508	4.508	(1.176)	5200544	120.000	120
	28 Isophorone	82	4.779	4.779	(0.915)	6492015	120.000	110
	5 2-Nitrophenol	139	4.837	4.837	(0.926)	2154935	120.000	120(A)
	6 2,4-Dimethylphenol	122	4.943	4.943	(0.946)	3201981	120.000	110
	29 bis(2-Chloroethoxy)methane	93	5.025	5.025	(0.962)	3826226	120.000	110
	15 Benzoic Acid	122	5.237	5.237	(1.002)	2232362	120.000	120(A)
	7 2,4-Dichlorophenol	162	5.114	5.114	(0.979)	2831321	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.178	5.178	(0.991)	3138741	120.000	110
*	80 Naphthalene-d8	136	5.225	5.225	(1.000)	3244764	40.0000	
	31 Naphthalene	128	5.249	5.249	(1.004)	7493305	120.000	120
	32 4-Chloroaniline	127	5.337	5.337	(1.021)	3538134	120.000	110
	33 Hexachlorobutadiene	225	5.396	5.396	(1.033)	1762673	120.000	110
	111 Caprolactam	113	5.842	5.842	(1.118)	834538	120.000	120(H)
	8 4-Chloro-3-methylphenol	107	5.907	5.907	(1.130)	2901216	120.000	110
	34 2-Methylnaphthalene	142	5.977	5.977	(1.144)	5738046	120.000	100
	120 1-Methylnaphthalene	142	6.077	6.077	(1.163)	5772711	120.000	100
	35 Hexachlorocyclopentadiene	237	6.148	6.148	(0.875)	1640580	120.000	120(A)
	129 1,2,4,5-Tetrachlorobenzene	216	6.159	6.159	(0.877)	2961049	120.000	120
	121 2-tert-Butyl-4-methylphenol	149	6.247	6.247	(1.196)	4077013	120.000	110
	9 2,4,6-Trichlorophenol	196	6.295	6.295	(0.896)	2004303	120.000	130(A)
	10 2,4,5-Trichlorophenol	196	6.347	6.347	(0.904)	1789822	120.000	120
$	77 2-Fluorobiphenyl (SUR)	172	6.371	6.371	(0.907)	5868165	120.000	110
	102 Diphenyl	154	6.471	6.471	(0.921)	5585479	120.000	96
	36 2-Chloronaphthalene	162	6.477	6.477	(0.922)	4915814	120.000	110
	103 Diphenyl Ether	170	6.571	6.571	(0.936)	3687333	120.000	110
	37 2-Nitroaniline	65	6.612	6.612	(0.941)	1569807	120.000	110
	125 1,3-Dimethylnaphthalene	156	6.700	6.700	(0.954)	4496171	120.000	110
	38 Dimethylphthalate	163	6.812	6.812	(0.970)	4814702	120.000	110
	114 Coumarin	146	6.812	6.812	(1.304)	1886093	120.000	120
	40 2,6-Dinitrotoluene	165	6.864	6.864	(0.977)	1227215	120.000	120
	39 Acenaphthylene	152	6.882	6.882	(0.980)	6641217	120.000	100
	41 3-Nitroaniline	138	7.029	7.029	(1.001)	1237998	120.000	110
*	82 Acenaphthene-d10	164	7.023	7.023	(1.000)	1555835	40.0000	
	42 Acenaphthene	154	7.058	7.058	(1.005)	4512638	120.000	110
	122 2,6-Di-tert-butyl-p-cresol	205	7.082	7.082	(1.008)	4349122	120.000	110

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31438.d
Report Date: 29-Jun-2012 11:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.141	7.141	(1.017)	704267	120.000	140(A)
	12 4-Nitrophenol	65	7.240	7.240	(1.031)	1038426	120.000	120
	44 2,4-Dinitrotoluene	165	7.264	7.264	(1.034)	1516841	120.000	120
	43 Dibenzofuran	168	7.235	7.235	(1.030)	5868929	120.000	100
	130 2,3,4,6-Tetrachlorophenol	232	7.376	7.376	(1.050)	1192915	120.000	120
	45 Diethylphthalate	149	7.511	7.511	(1.069)	4565972	120.000	100
	47 Fluorene	166	7.575	7.575	(1.079)	4882598	120.000	100
	46 4-Chlorophenyl-phenylether	204	7.581	7.581	(1.079)	2514106	120.000	110
	48 4-Nitroaniline	138	7.640	7.640	(1.088)	861355	120.000	94
	13 4,6-Dinitro-2-methylphenol	198	7.675	7.675	(0.905)	852164	120.000	140(A)
	49 N-Nitrosodiphenylamine	169	7.716	7.716	(0.910)	3349881	120.000	120(A)
	75 1,2-Diphenylhydrazine	77	7.746	7.746	(0.913)	5997259	120.000	120
$	18 2,4,6-Tribromophenol (SUR)	330	7.816	7.816	(1.113)	753949	120.000	120
	50 4-Bromophenyl-phenylether	248	8.063	8.063	(0.951)	1375897	120.000	130(A)
	51 Hexachlorobenzene	284	8.122	8.122	(0.958)	1428954	120.000	120(A)
	112 Atrazine	200	8.269	8.269	(0.975)	1132897	120.000	120
	14 Pentachlorophenol	266	8.327	8.327	(0.982)	822611	120.000	130(A)
	132 Pentachloronitrobenzene	237	8.339	8.339	(0.983)	566542	120.000	120
	115 n-Octadecane	57	8.439	8.439	(0.995)	3086217	120.000	120
*	83 Phenanthrene-d10	188	8.480	8.480	(1.000)	1733521	40.0000	
	52 Phenanthrene	178	8.510	8.510	(1.003)	5288368	120.000	110
	53 Anthracene	178	8.562	8.562	(1.010)	5099642	120.000	110
	54 Carbazole	167	8.733	8.733	(1.030)	4106844	120.000	100
	55 Di-n-butylphthalate	149	9.103	9.103	(1.073)	5231856	120.000	100
	56 Fluoranthene	202	9.667	9.667	(1.140)	4365542	120.000	100
	58 Benzidine	184	9.820	9.820	(1.158)	98274	120.000	11
	57 Pyrene	202	9.884	9.884	(0.891)	4203772	120.000	120(A)
$	78 Terphenyl-d14	244	10.061	10.061	(0.907)	3061266	120.000	130(A)
	59 Butylbenzylphthalate	149	10.554	10.554	(0.952)	1887345	120.000	120(A)
	124 Carbamazepine	193	10.648	10.648	(0.960)	1269018	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	11.071	11.071	(0.998)	709379	120.000	120(A)
	61 Benzo(a)anthracene	228	11.083	11.083	(0.999)	2868032	120.000	110
*	81 Chrysene-d12	240	11.089	11.089	(1.000)	822883	40.0000	
	62 Chrysene	228	11.124	11.124	(1.003)	2489116	120.000	110
	63 bis(2-Ethylhexyl)phthalate	149	11.165	11.165	(1.007)	2347137	120.000	120(A)
	64 Di-n-octylphthalate	149	11.917	11.917	(0.933)	3256260	120.000	140(A)
	65 Benzo(b)fluoranthene	252	12.323	12.323	(0.965)	2050302	120.000	130(A)
	66 Benzo(k)fluoranthene	252	12.352	12.352	(0.967)	1991177	120.000	120
	67 Benzo(a)pyrene	252	12.711	12.711	(0.995)	1618550	120.000	120(A)
*	84 Perylene-d12	264	12.775	12.775	(1.000)	518914	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.133	14.133	(1.106)	1477971	120.000	120(AM)
	69 Dibenz(a,h)anthracene	278	14.162	14.162	(1.109)	1453631	120.000	130(A)
	70 Benzo(g,h,i)perylene	276	14.456	14.456	(1.132)	1444957	120.000	120(A)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31438.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

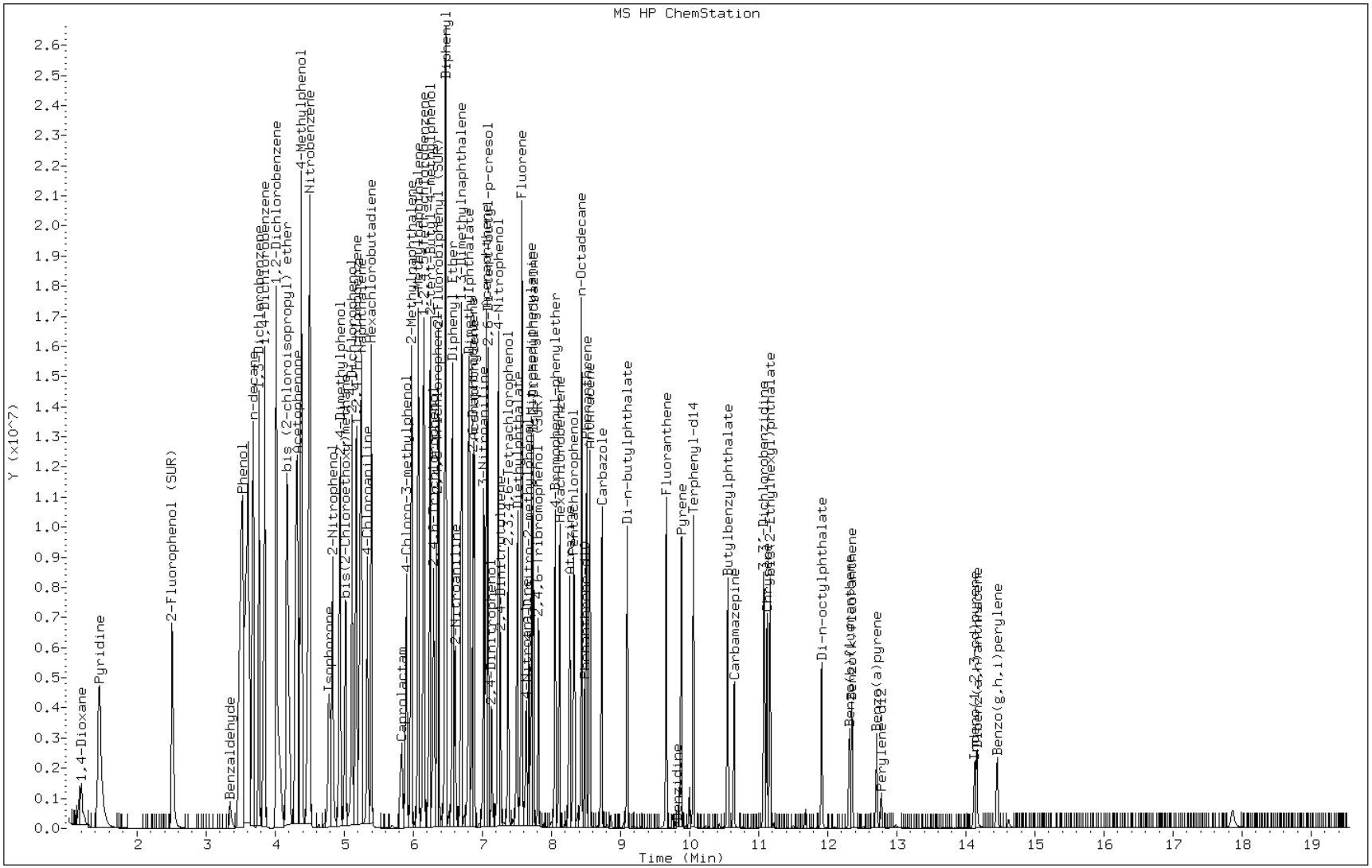
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p31438.d

Date: 29-JUN-2012 05:43

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1564257 Operator: BNAMS 4



Manual Integration Report

Data File: p31438.d
Inj. Date and Time: 29-JUN-2012 05:43
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/29/2012

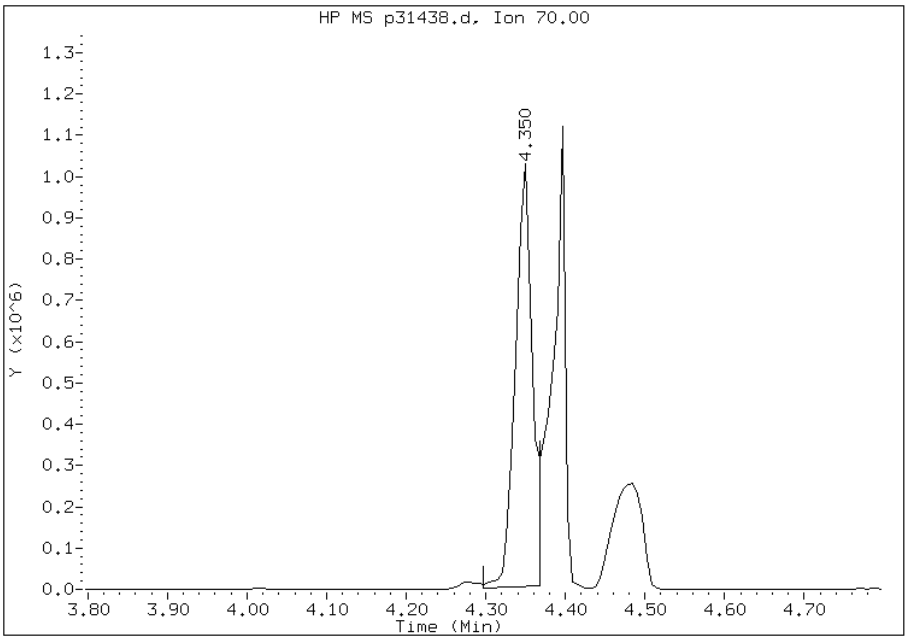
Processing Integration Results

RT: 4.35

Response: 1519577

Amount: 81

Conc: 81



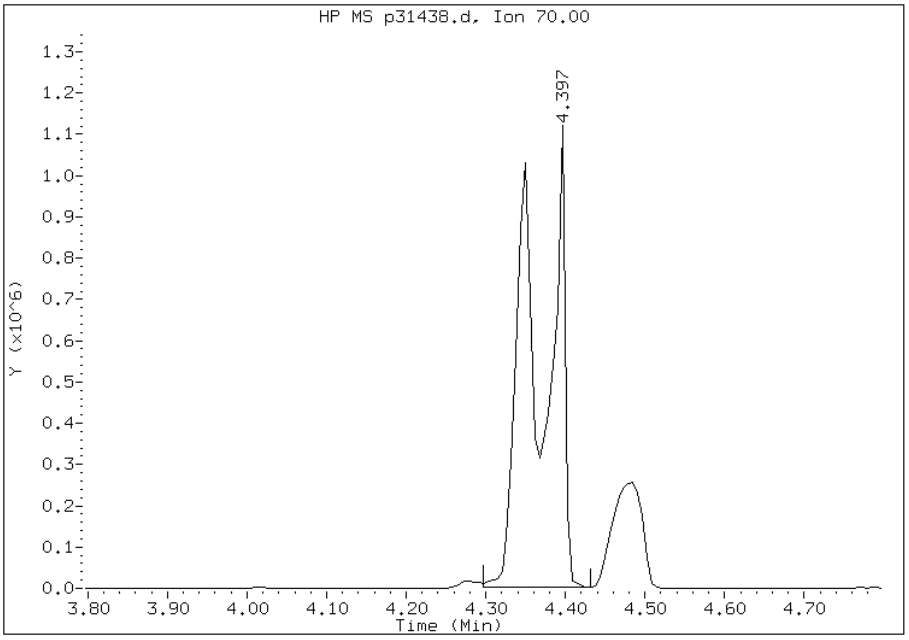
Manual Integration Results

RT: 4.40

Response: 2699729

Amount: 119

Conc: 119



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: p31438.d
Inj. Date and Time: 29-JUN-2012 05:43
Instrument ID: BNAMS10.i
Client ID:
Compound: 73 Aniline
CAS #: 62-53-3
Report Date: 06/29/2012

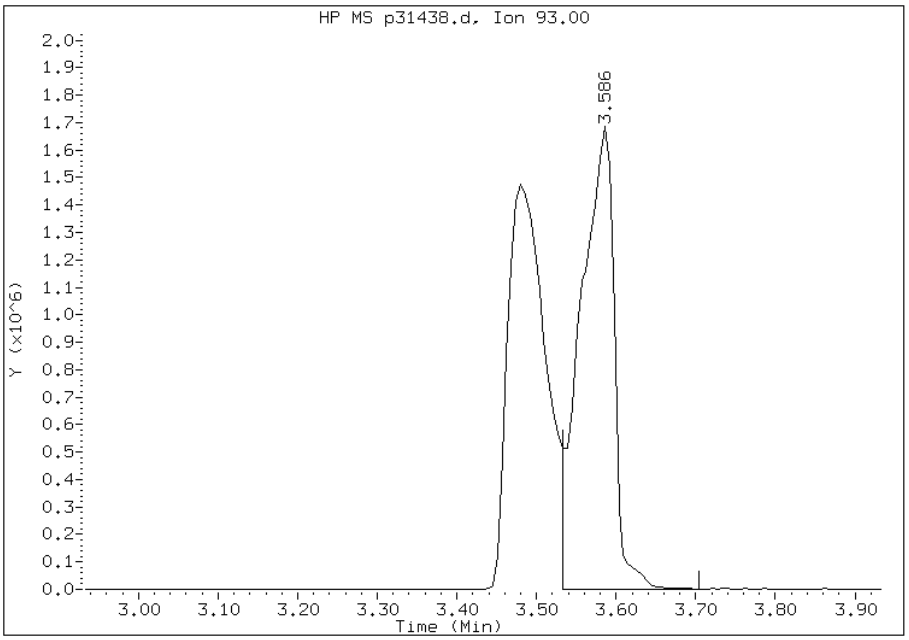
Processing Integration Results

RT: 3.59

Response: 4989626

Amount: 130

Conc: 130



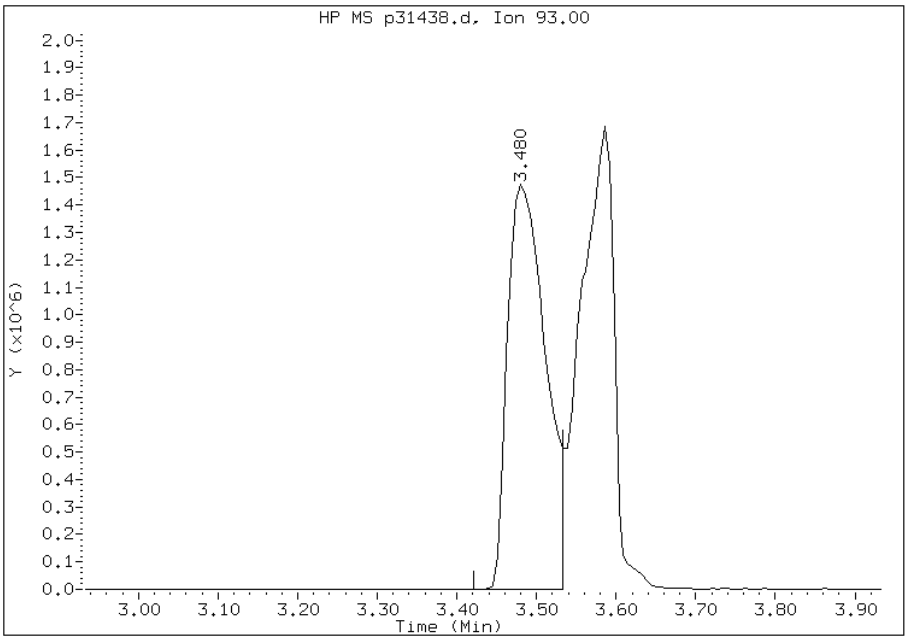
Manual Integration Results

RT: 3.48

Response: 4960791

Amount: 105

Conc: 105



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p31438.d
Inj. Date and Time: 29-JUN-2012 05:43
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

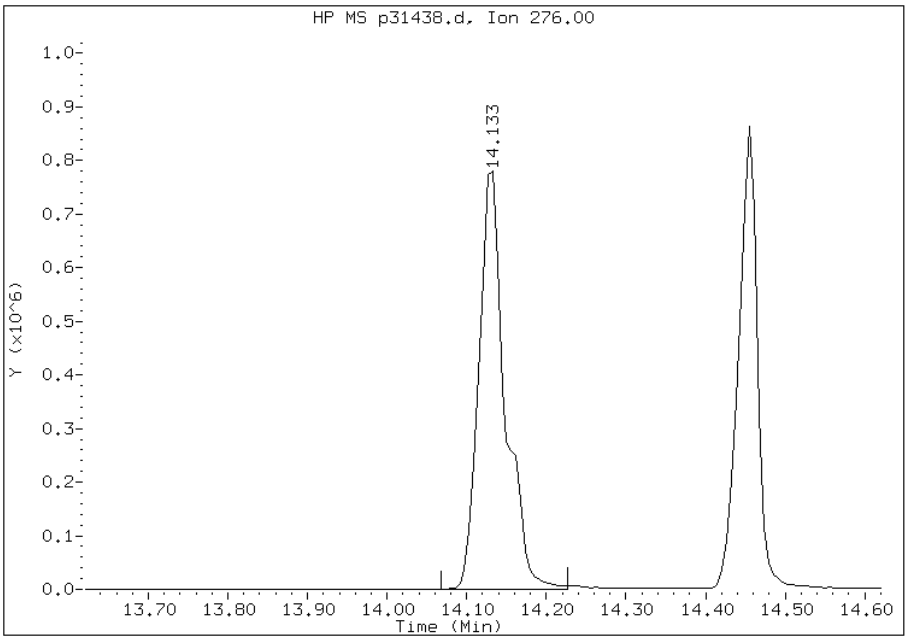
Processing Integration Results

RT: 14.13

Response: 1787554

Amount: 128

Conc: 128



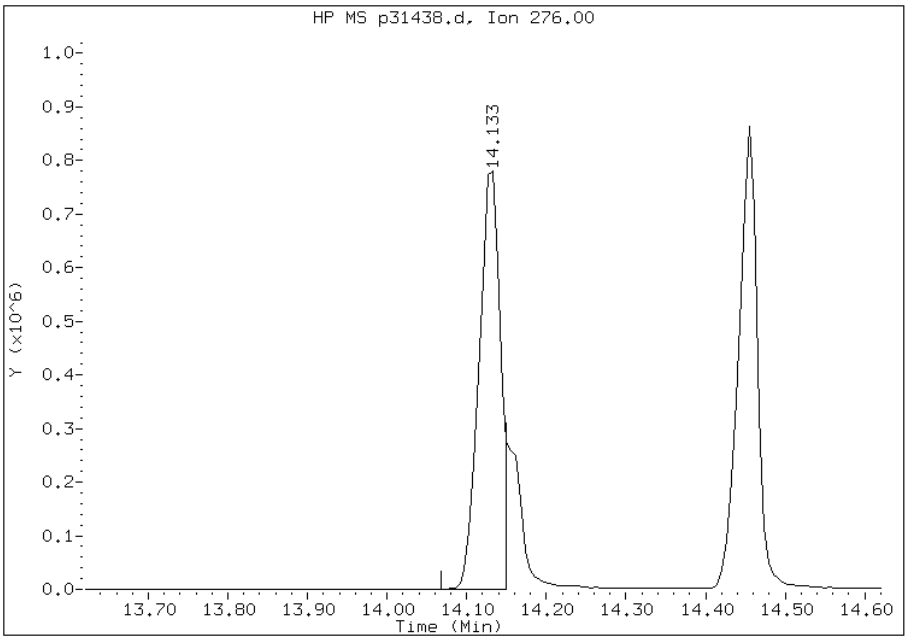
Manual Integration Results

RT: 14.13

Response: 1477971

Amount: 126

Conc: 126



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31439.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31439.d
Lab Smp Id: IC-1564256
Inj Date : 29-JUN-2012 06:11
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1564256
Misc Info : 80 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:37 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 06:11 Cal File: p31439.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.154	1.154	(0.302)	982016	80.0000	68
	19 N-Nitrosodimethylamine	74	1.377	1.377	(0.360)	1552071	80.0000	73
	71 Pyridine	79	1.395	1.395	(0.365)	2723581	80.0000	74
$	16 2-Fluorophenol (SUR)	112	2.470	2.470	(0.646)	2403053	80.0000	72
	110 Benzaldehyde	77	3.328	3.328	(0.871)	492803	80.0000	31
$	17 Phenol-d5 (SUR)	99	3.486	3.486	(0.912)	2822707	80.0000	70
	73 Aniline	93	3.463	3.463	(0.906)	3517557	80.0000	73
	1 Phenol	94	3.504	3.504	(0.917)	2609699	80.0000	61
	20 bis(2-Chloroethyl)ether	93	3.557	3.557	(0.931)	2598906	80.0000	73
	2 2-Chlorophenol	128	3.598	3.598	(0.942)	2373979	80.0000	69
	113 n-decane	43	3.674	3.674	(0.962)	2562808	80.0000	75
	21 1,3-Dichlorobenzene	146	3.757	3.757	(0.983)	2894650	80.0000	76
*	79 1,4-Dichlorobenzene-d4	152	3.821	3.821	(1.000)	991800	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31439.d
Report Date: 29-Jun-2012 11:37

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	1,4-Dichlorobenzene	146	3.839	3.839	(1.005)	2865817	80.0000	74
	74	Benzyl Alcohol	108	4.021	4.021	(1.052)	1533671	80.0000	77
	23	1,2-Dichlorobenzene	146	4.009	4.009	(1.049)	2693078	80.0000	74
	3	2-Methylphenol	108	4.174	4.174	(1.092)	2091190	80.0000	70
	24	bis (2-chloroisopropyl) ether	45	4.162	4.162	(1.089)	2653984	80.0000	74
	104	Acetophenone	105	4.309	4.309	(1.128)	3054048	80.0000	71
	25	N-Nitroso-di-n-propylamine	70	4.332	4.332	(1.134)	1660868	80.0000	72(MH)
	4	4-Methylphenol	108	4.362	4.362	(1.141)	1984851	80.0000	69
	123	3 & 4 Methylphenol	108	4.362	4.362	(1.141)	2039997	80.0000	70
	26	Hexachloroethane	117	4.373	4.373	(1.145)	1184974	80.0000	77
$	76	Nitrobenzene-d5 (SUR)	82	4.467	4.467	(0.856)	2637519	80.0000	75
	27	Nitrobenzene	77	4.491	4.491	(0.860)	3336295	80.0000	75
	107	N,N-Dimethylaniline	120	4.491	4.491	(1.175)	3411933	80.0000	74
	28	Isophorone	82	4.761	4.761	(0.912)	3905126	80.0000	73
	5	2-Nitrophenol	139	4.826	4.826	(0.925)	1247561	80.0000	77
	6	2,4-Dimethylphenol	122	4.926	4.926	(0.944)	1881186	80.0000	72
	29	bis(2-Chloroethoxy)methane	93	5.008	5.008	(0.959)	2367648	80.0000	74
	15	Benzoic Acid	122	5.178	5.178	(0.992)	1235113	80.0000	79(H)
	7	2,4-Dichlorophenol	162	5.102	5.102	(0.977)	1616293	80.0000	71
	30	1,2,4-Trichlorobenzene	180	5.167	5.167	(0.990)	2011850	80.0000	77
*	80	Naphthalene-d8	136	5.220	5.220	(1.000)	2959531	40.0000	
	31	Naphthalene	128	5.243	5.243	(1.004)	5132230	80.0000	80
	32	4-Chloroaniline	127	5.325	5.325	(1.020)	2198164	80.0000	72
	33	Hexachlorobutadiene	225	5.390	5.390	(1.033)	1178182	80.0000	78
	111	Caprolactam	113	5.789	5.789	(1.109)	522108	80.0000	81
	8	4-Chloro-3-methylphenol	107	5.889	5.889	(1.128)	1538221	80.0000	66
	34	2-Methylnaphthalene	142	5.972	5.972	(1.144)	3581619	80.0000	72
	120	1-Methylnaphthalene	142	6.071	6.071	(1.163)	3607642	80.0000	72
	35	Hexachlorocyclopentadiene	237	6.142	6.142	(0.875)	981711	80.0000	80
	129	1,2,4,5-Tetrachlorobenzene	216	6.154	6.154	(0.877)	1693940	80.0000	75
	121	2-tert-Butyl-4-methylphenol	149	6.236	6.236	(1.195)	2382535	80.0000	68
	9	2,4,6-Trichlorophenol	196	6.289	6.289	(0.896)	1052080	80.0000	76
	10	2,4,5-Trichlorophenol	196	6.330	6.330	(0.902)	1030820	80.0000	75
$	77	2-Fluorobiphenyl (SUR)	172	6.359	6.359	(0.906)	3583234	80.0000	74
	102	Diphenyl	154	6.459	6.459	(0.920)	3708615	80.0000	70
	36	2-Chloronaphthalene	162	6.465	6.465	(0.921)	3104283	80.0000	75
	103	Diphenyl Ether	170	6.565	6.565	(0.936)	2268796	80.0000	76
	37	2-Nitroaniline	65	6.594	6.594	(0.940)	1004888	80.0000	77
	125	1,3-Dimethylnaphthalene	156	6.694	6.694	(0.954)	2666515	80.0000	74
	38	Dimethylphthalate	163	6.794	6.794	(0.968)	2938493	80.0000	73
	114	Coumarin	146	6.800	6.800	(1.303)	1076103	80.0000	72
	40	2,6-Dinitrotoluene	165	6.853	6.853	(0.977)	743891	80.0000	78
	39	Acenaphthylene	152	6.876	6.876	(0.980)	4251895	80.0000	71
	41	3-Nitroaniline	138	7.012	7.012	(0.999)	759034	80.0000	76
*	82	Acenaphthene-d10	164	7.017	7.017	(1.000)	1407980	40.0000	
	42	Acenaphthene	154	7.053	7.053	(1.005)	2837365	80.0000	75
	122	2,6-Di-tert-butyl-p-cresol	205	7.076	7.076	(1.008)	2622553	80.0000	73

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31439.d
Report Date: 29-Jun-2012 11:37

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.129	7.129	(1.016)	408288	80.0000	89
	12 4-Nitrophenol	65	7.229	7.229	(1.030)	613686	80.0000	78
	44 2,4-Dinitrotoluene	165	7.252	7.252	(1.033)	891242	80.0000	77
	43 Dibenzofuran	168	7.223	7.223	(1.029)	3737106	80.0000	73
	130 2,3,4,6-Tetrachlorophenol	232	7.364	7.364	(1.049)	717678	80.0000	79
	45 Diethylphthalate	149	7.499	7.499	(1.069)	2907449	80.0000	74
	47 Fluorene	166	7.564	7.564	(1.078)	3074163	80.0000	73
	46 4-Chlorophenyl-phenylether	204	7.576	7.576	(1.080)	1560987	80.0000	77
	48 4-Nitroaniline	138	7.623	7.623	(1.086)	592094	80.0000	71
	13 4,6-Dinitro-2-methylphenol	198	7.664	7.664	(0.904)	524340	80.0000	87
	49 N-Nitrosodiphenylamine	169	7.705	7.705	(0.909)	2099055	80.0000	79
	75 1,2-Diphenylhydrazine	77	7.734	7.734	(0.913)	3645024	80.0000	74
$	18 2,4,6-Tribromophenol (SUR)	330	7.805	7.805	(1.112)	433652	80.0000	76
	50 4-Bromophenyl-phenylether	248	8.052	8.052	(0.950)	848693	80.0000	80
	51 Hexachlorobenzene	284	8.110	8.110	(0.957)	878506	80.0000	79
	112 Atrazine	200	8.257	8.257	(0.974)	726802	80.0000	79
	14 Pentachlorophenol	266	8.316	8.316	(0.981)	513836	80.0000	85
	132 Pentachloronitrobenzene	237	8.328	8.328	(0.983)	358176	80.0000	77
	115 n-Octadecane	57	8.433	8.433	(0.995)	1907833	80.0000	75
*	83 Phenanthrene-d10	188	8.475	8.475	(1.000)	1686983	40.0000	
	52 Phenanthrene	178	8.498	8.498	(1.003)	3506138	80.0000	75
	53 Anthracene	178	8.551	8.551	(1.009)	3485430	80.0000	74
	54 Carbazole	167	8.721	8.721	(1.029)	2832001	80.0000	73
	55 Di-n-butylphthalate	149	9.092	9.092	(1.073)	3691735	80.0000	74
	56 Fluoranthene	202	9.661	9.661	(1.140)	3076765	80.0000	75
	58 Benzidine	184	9.814	9.814	(1.158)	138190	80.0000	15
	57 Pyrene	202	9.873	9.873	(0.891)	2943369	80.0000	72
$	78 Terphenyl-d14	244	10.049	10.049	(0.907)	2029073	80.0000	72
	59 Butylbenzylphthalate	149	10.549	10.549	(0.952)	1352656	80.0000	76
	124 Carbamazepine	193	10.637	10.637	(0.960)	999923	80.0000	82
	60 3,3'-Dichlorobenzidine	252	11.066	11.066	(0.998)	602555	80.0000	78
	61 Benzo(a)anthracene	228	11.077	11.077	(0.999)	2206032	80.0000	74
*	81 Chrysene-d12	240	11.083	11.083	(1.000)	964302	40.0000	
	62 Chrysene	228	11.113	11.113	(1.003)	1972659	80.0000	75
	63 bis(2-Ethylhexyl)phthalate	149	11.160	11.160	(1.007)	1698150	80.0000	75
	64 Di-n-octylphthalate	149	11.912	11.912	(0.933)	2519128	80.0000	79
	65 Benzo(b)fluoranthene	252	12.311	12.311	(0.964)	1783634	80.0000	84
	66 Benzo(k)fluoranthene	252	12.347	12.347	(0.967)	1683256	80.0000	75
	67 Benzo(a)pyrene	252	12.705	12.705	(0.995)	1380692	80.0000	80
*	84 Perylene-d12	264	12.770	12.770	(1.000)	689473	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.121	14.121	(1.106)	1329550	80.0000	85(M)
	69 Dibenz(a,h)anthracene	278	14.150	14.150	(1.108)	1282120	80.0000	85
	70 Benzo(g,h,i)perylene	276	14.450	14.450	(1.132)	1271603	80.0000	81

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31439.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

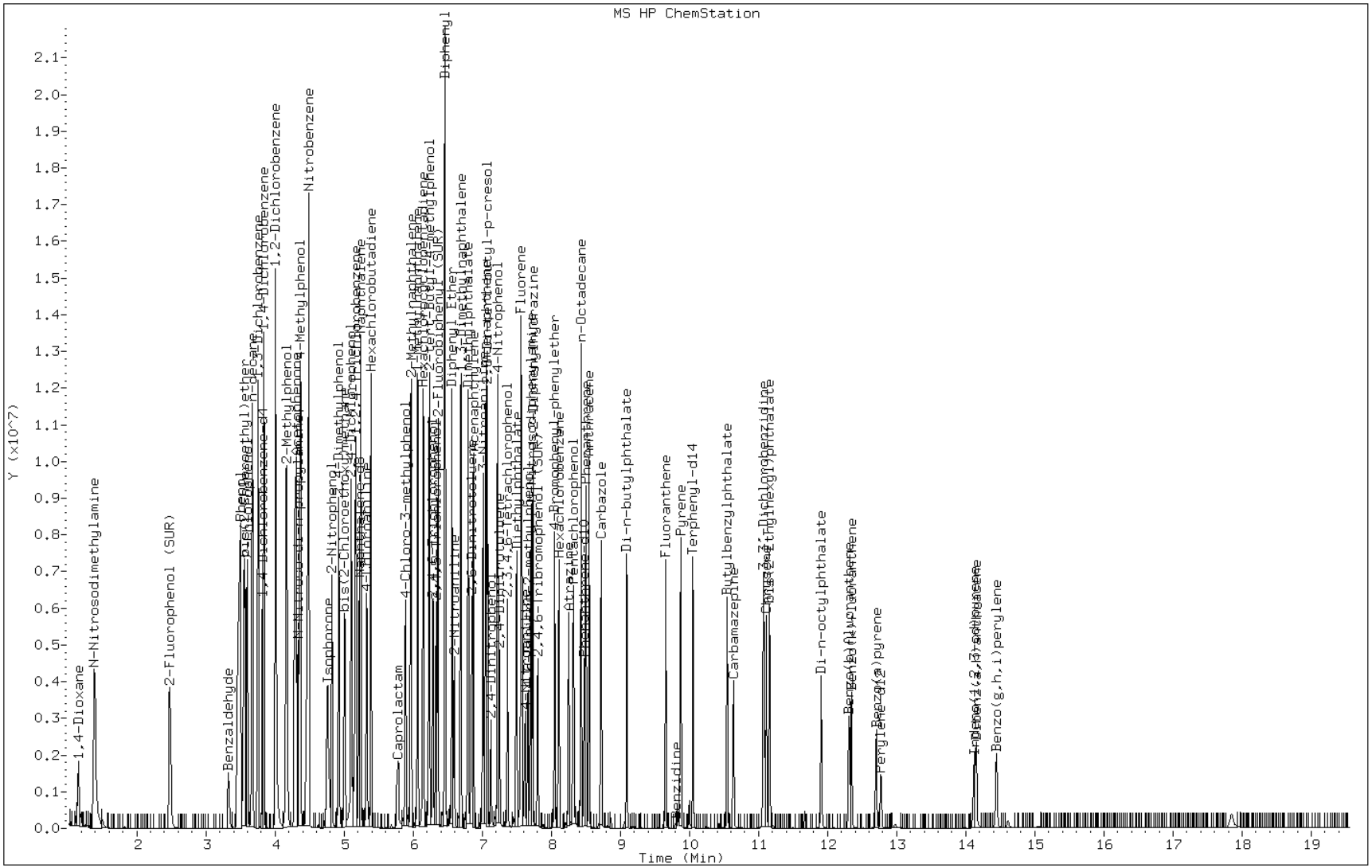
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p31439.d

Date: 29-JUN-2012 06:11

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1564256 Operator: BNAMS 4



Manual Integration Report

Data File: p31439.d
Inj. Date and Time: 29-JUN-2012 06:11
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/29/2012

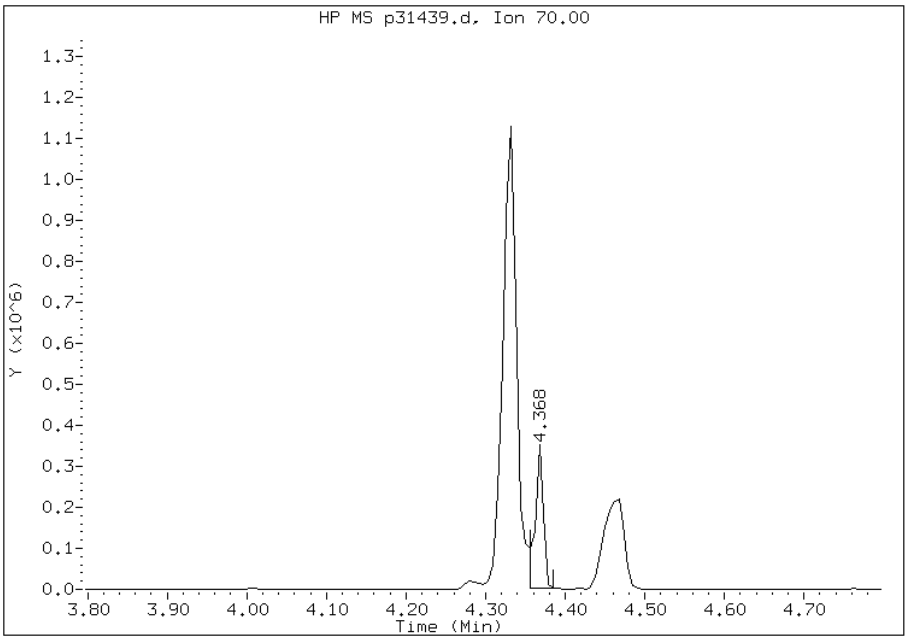
Processing Integration Results

RT: 4.37

Response: 274022

Amount: 15

Conc: 15



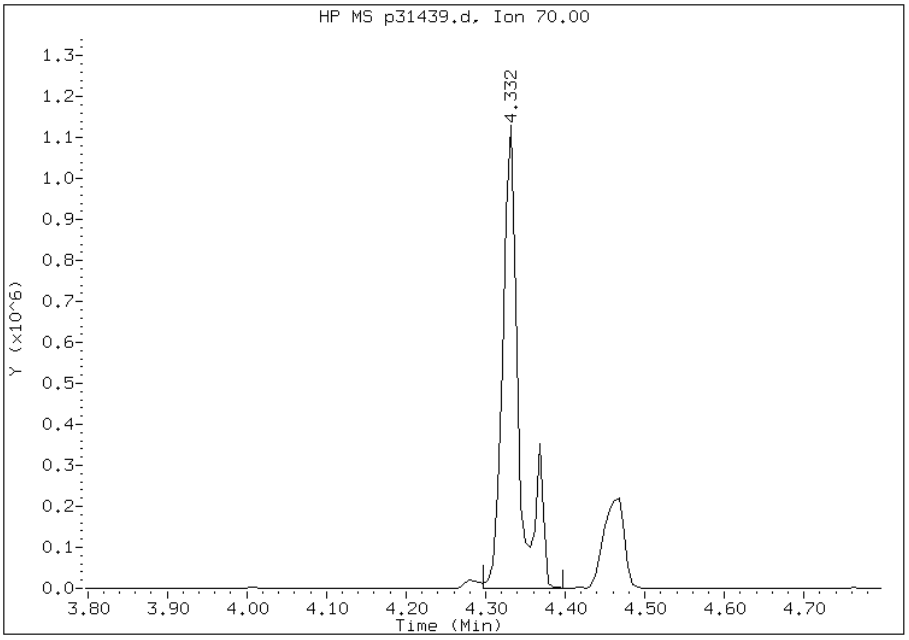
Manual Integration Results

RT: 4.33

Response: 1660868

Amount: 72

Conc: 72



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: p31439.d
Inj. Date and Time: 29-JUN-2012 06:11
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

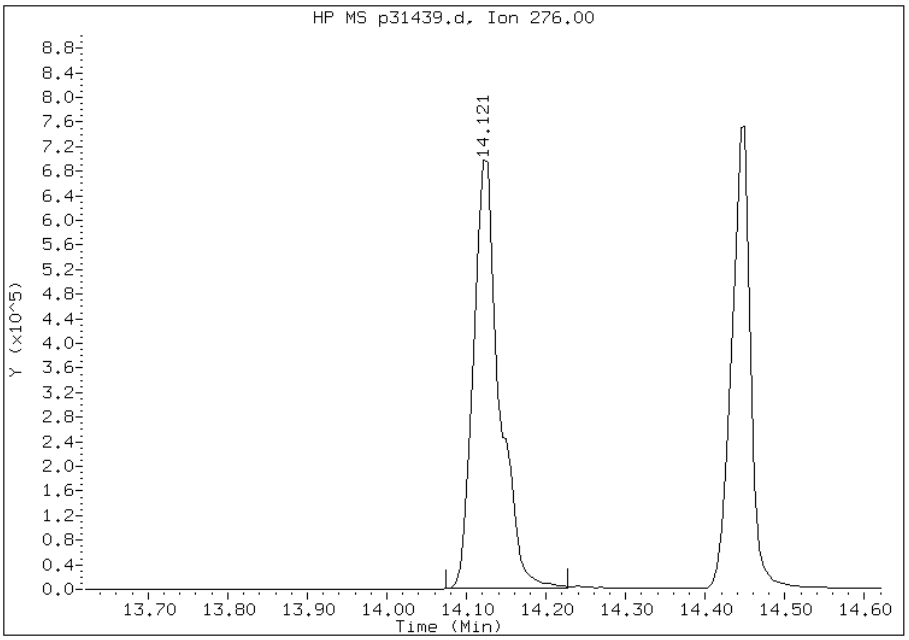
Processing Integration Results

RT: 14.12

Response: 1571840

Amount: 89

Conc: 89



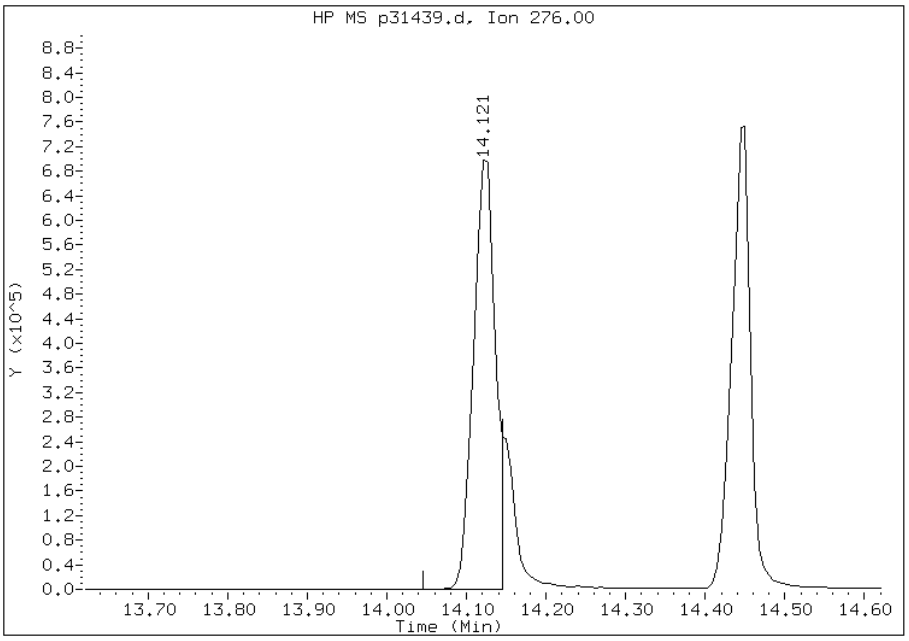
Manual Integration Results

RT: 14.12

Response: 1329550

Amount: 85

Conc: 85



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31440.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31440.d
Lab Smp Id: IC-1564212
Inj Date : 29-JUN-2012 06:39
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1564212
Misc Info : 20 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:37 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 06:39 Cal File: p31440.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.101	1.101	(0.289)	314917	20.0000	21(H)
	19 N-Nitrosodimethylamine	74	1.306	1.306	(0.343)	437802	20.0000	20
	71 Pyridine	79	1.324	1.324	(0.348)	788497	20.0000	21
$	16 2-Fluorophenol (SUR)	112	2.434	2.434	(0.640)	730729	20.0000	21
	110 Benzaldehyde	77	3.304	3.304	(0.869)	352723	20.0000	21
$	17 Phenol-d5 (SUR)	99	3.451	3.451	(0.907)	877850	20.0000	21
	73 Aniline	93	3.439	3.439	(0.904)	1023561	20.0000	21(H)
	1 Phenol	94	3.463	3.463	(0.910)	919634	20.0000	21
	20 bis(2-Chloroethyl)ether	93	3.527	3.527	(0.927)	696853	20.0000	19
	2 2-Chlorophenol	128	3.568	3.568	(0.938)	740374	20.0000	21
	113 n-decane	43	3.662	3.662	(0.963)	729257	20.0000	21
	21 1,3-Dichlorobenzene	146	3.739	3.739	(0.983)	792853	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	3.803	3.803	(1.000)	1025253	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31440.d
Report Date: 29-Jun-2012 11:37

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	1,4-Dichlorobenzene	146	3.827	3.827	(1.006)	811143	20.0000	20
	74	Benzyl Alcohol	108	3.991	3.991	(1.049)	422928	20.0000	20
	23	1,2-Dichlorobenzene	146	3.991	3.991	(1.049)	771764	20.0000	20
	3	2-Methylphenol	108	4.150	4.150	(1.091)	653053	20.0000	21
	24	bis (2-chloroisopropyl) ether	45	4.150	4.150	(1.091)	758398	20.0000	20
	104	Acetophenone	105	4.285	4.285	(1.127)	921607	20.0000	21
	25	N-Nitroso-di-n-propylamine	70	4.303	4.303	(1.131)	493613	20.0000	21
	4	4-Methylphenol	108	4.332	4.332	(1.139)	646886	20.0000	22
	123	3 & 4 Methylphenol	108	4.332	4.332	(1.139)	646886	20.0000	22
	26	Hexachloroethane	117	4.362	4.362	(1.147)	323238	20.0000	20
$	76	Nitrobenzene-d5 (SUR)	82	4.444	4.444	(0.853)	785660	20.0000	21
	27	Nitrobenzene	77	4.467	4.467	(0.858)	1015345	20.0000	21
	107	N,N-Dimethylaniline	120	4.467	4.467	(1.175)	996304	20.0000	21
	28	Isophorone	82	4.732	4.732	(0.909)	1180989	20.0000	21
	5	2-Nitrophenol	139	4.814	4.814	(0.924)	371404	20.0000	21
	6	2,4-Dimethylphenol	122	4.908	4.908	(0.942)	617933	20.0000	22
	29	bis(2-Chloroethoxy)methane	93	4.996	4.996	(0.959)	713474	20.0000	21
	15	Benzoic Acid	122	5.090	5.090	(0.977)	343332	20.0000	22(H)
	7	2,4-Dichlorophenol	162	5.090	5.090	(0.977)	533188	20.0000	22
	30	1,2,4-Trichlorobenzene	180	5.161	5.161	(0.991)	569542	20.0000	20
*	80	Naphthalene-d8	136	5.208	5.208	(1.000)	3184820	40.0000	
	31	Naphthalene	128	5.231	5.231	(1.004)	1764234	20.0000	19
	32	4-Chloroaniline	127	5.319	5.319	(1.021)	678167	20.0000	21
	33	Hexachlorobutadiene	225	5.384	5.384	(1.034)	327175	20.0000	20
	111	Caprolactam	113	5.707	5.707	(1.096)	143348	20.0000	21(H)
	8	4-Chloro-3-methylphenol	107	5.872	5.872	(1.127)	560139	20.0000	22
	34	2-Methylnaphthalene	142	5.960	5.960	(1.144)	1130694	20.0000	21
	120	1-Methylnaphthalene	142	6.060	6.060	(1.164)	1194577	20.0000	22
	35	Hexachlorocyclopentadiene	237	6.136	6.136	(0.875)	224543	20.0000	16
	129	1,2,4,5-Tetrachlorobenzene	216	6.142	6.142	(0.876)	539758	20.0000	21
	121	2-tert-Butyl-4-methylphenol	149	6.224	6.224	(1.195)	833445	20.0000	22
	9	2,4,6-Trichlorophenol	196	6.277	6.277	(0.895)	326432	20.0000	21
	10	2,4,5-Trichlorophenol	196	6.318	6.318	(0.901)	327368	20.0000	21
$	77	2-Fluorobiphenyl (SUR)	172	6.353	6.353	(0.906)	1194656	20.0000	22
	102	Diphenyl	154	6.447	6.447	(0.920)	1295885	20.0000	22
	36	2-Chloronaphthalene	162	6.453	6.453	(0.920)	973739	20.0000	21
	103	Diphenyl Ether	170	6.559	6.559	(0.935)	696349	20.0000	20
	37	2-Nitroaniline	65	6.583	6.583	(0.939)	308154	20.0000	21
	125	1,3-Dimethylnaphthalene	156	6.683	6.683	(0.953)	879141	20.0000	21
	38	Dimethylphthalate	163	6.782	6.782	(0.967)	947148	20.0000	21
	114	Coumarin	146	6.782	6.782	(1.302)	337494	20.0000	21
	40	2,6-Dinitrotoluene	165	6.835	6.835	(0.975)	219251	20.0000	20
	39	Acenaphthylene	152	6.865	6.865	(0.979)	1441507	20.0000	21
	41	3-Nitroaniline	138	7.000	7.000	(0.998)	231938	20.0000	20
*	82	Acenaphthene-d10	164	7.012	7.012	(1.000)	1612384	40.0000	
	42	Acenaphthene	154	7.041	7.041	(1.004)	877996	20.0000	20
	122	2,6-Di-tert-butyl-p-cresol	205	7.070	7.070	(1.008)	915857	20.0000	22

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31440.d
Report Date: 29-Jun-2012 11:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.117	7.117	(1.015)	148524	30.0000	28
	12 4-Nitrophenol	65	7.211	7.211	(1.028)	259213	30.0000	29
	44 2,4-Dinitrotoluene	165	7.241	7.241	(1.033)	262105	20.0000	20
	43 Dibenzofuran	168	7.217	7.217	(1.029)	1230193	20.0000	21
	130 2,3,4,6-Tetrachlorophenol	232	7.358	7.358	(1.049)	207782	20.0000	20
	45 Diethylphthalate	149	7.487	7.487	(1.068)	915844	20.0000	20
	47 Fluorene	166	7.552	7.552	(1.077)	1003338	20.0000	21
	46 4-Chlorophenyl-phenylether	204	7.570	7.570	(1.080)	468732	20.0000	20
	48 4-Nitroaniline	138	7.605	7.605	(1.085)	191802	20.0000	20
	13 4,6-Dinitro-2-methylphenol	198	7.646	7.646	(0.903)	201257	30.0000	29
	49 N-Nitrosodiphenylamine	169	7.693	7.693	(0.908)	649491	20.0000	21
	75 1,2-Diphenylhydrazine	77	7.722	7.722	(0.912)	1228464	20.0000	22
$	18 2,4,6-Tribromophenol (SUR)	330	7.793	7.793	(1.111)	128530	20.0000	20
	50 4-Bromophenyl-phenylether	248	8.046	8.046	(0.950)	246196	20.0000	20
	51 Hexachlorobenzene	284	8.104	8.104	(0.957)	260419	20.0000	20
	112 Atrazine	200	8.240	8.240	(0.973)	210281	20.0000	20
	14 Pentachlorophenol	266	8.310	8.310	(0.981)	197256	30.0000	28
	132 Pentachloronitrobenzene	237	8.316	8.316	(0.982)	109124	20.0000	20
	115 n-Octadecane	57	8.428	8.428	(0.995)	657244	20.0000	22
*	83 Phenanthrene-d10	188	8.469	8.469	(1.000)	1955816	40.0000	
	52 Phenanthrene	178	8.492	8.492	(1.003)	1098801	20.0000	20
	53 Anthracene	178	8.539	8.539	(1.008)	1105261	20.0000	20
	54 Carbazole	167	8.715	8.715	(1.029)	895443	20.0000	20
	55 Di-n-butylphthalate	149	9.091	9.091	(1.074)	1169930	20.0000	20
	56 Fluoranthene	202	9.650	9.650	(1.139)	938062	20.0000	20
	58 Benzidine	184	9.808	9.808	(1.158)	345732	30.0000	33
	57 Pyrene	202	9.867	9.867	(0.891)	899511	20.0000	20
$	78 Terphenyl-d14	244	10.043	10.043	(0.907)	644836	20.0000	21
	59 Butylbenzylphthalate	149	10.543	10.543	(0.952)	387677	20.0000	20
	124 Carbamazepine	193	10.625	10.625	(0.959)	276815	20.0000	21
	60 3,3'-Dichlorobenzidine	252	11.060	11.060	(0.998)	313054	30.0000	31
	61 Benzo(a)anthracene	228	11.066	11.066	(0.999)	635104	20.0000	20
*	81 Chrysene-d12	240	11.077	11.077	(1.000)	1041743	40.0000	
	62 Chrysene	228	11.107	11.107	(1.003)	589662	20.0000	21
	63 bis(2-Ethylhexyl)phthalate	149	11.154	11.154	(1.007)	503172	20.0000	20
	64 Di-n-octylphthalate	149	11.906	11.906	(0.932)	713631	20.0000	20
	65 Benzo(b)fluoranthene	252	12.300	12.300	(0.963)	470466	20.0000	20
	66 Benzo(k)fluoranthene	252	12.335	12.335	(0.966)	505924	20.0000	20
	67 Benzo(a)pyrene	252	12.699	12.699	(0.994)	386994	20.0000	20
*	84 Perylene-d12	264	12.770	12.770	(1.000)	782921	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.115	14.115	(1.105)	333288	20.0000	19(M)
	69 Dibenz(a,h)anthracene	278	14.139	14.139	(1.107)	341322	20.0000	20
	70 Benzo(g,h,i)perylene	276	14.438	14.438	(1.131)	343752	20.0000	19

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31440.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

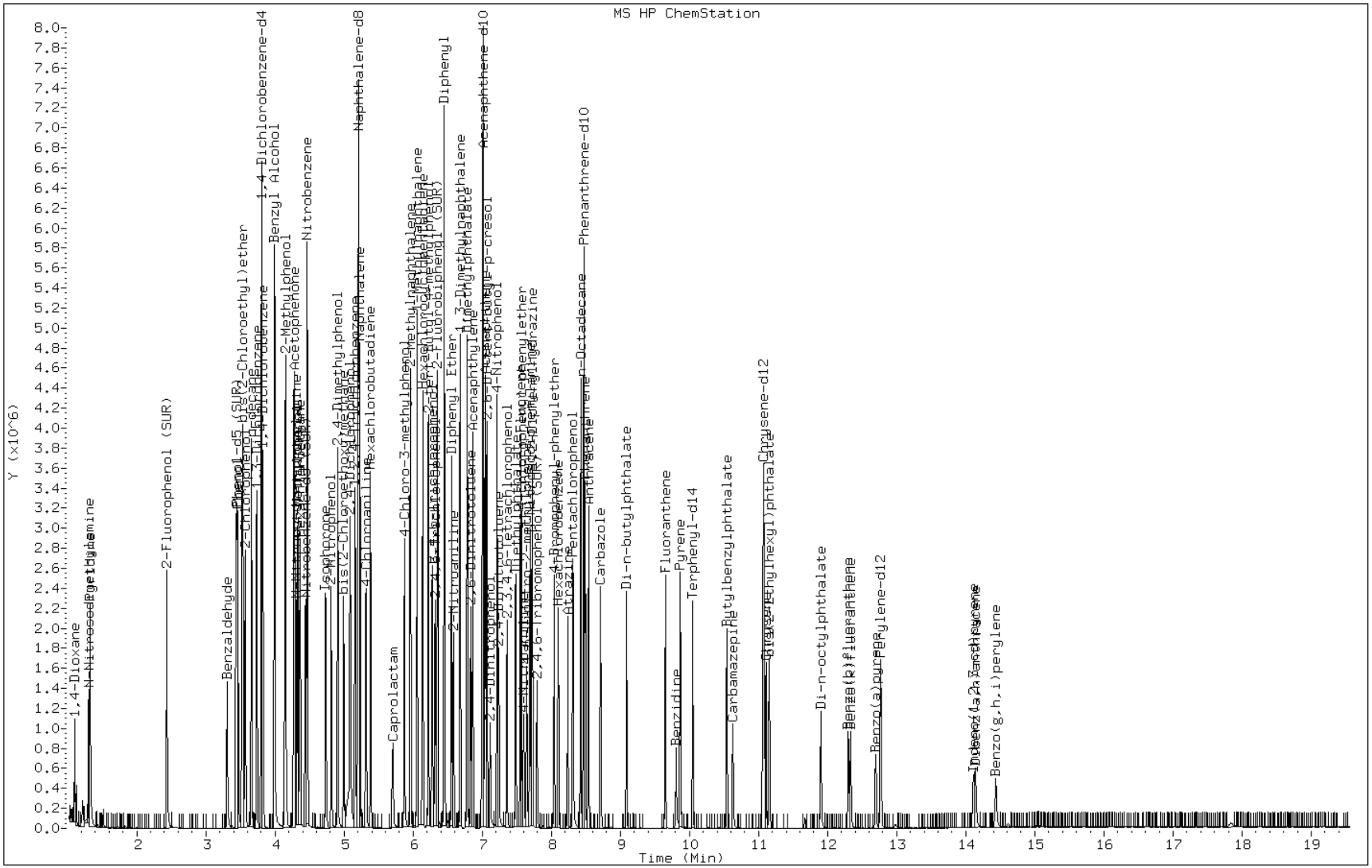
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p31440.d

Date: 29-JUN-2012 06:39

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1564212 Operator: BNAMS 4



Manual Integration Report

Data File: p31440.d
Inj. Date and Time: 29-JUN-2012 06:39
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

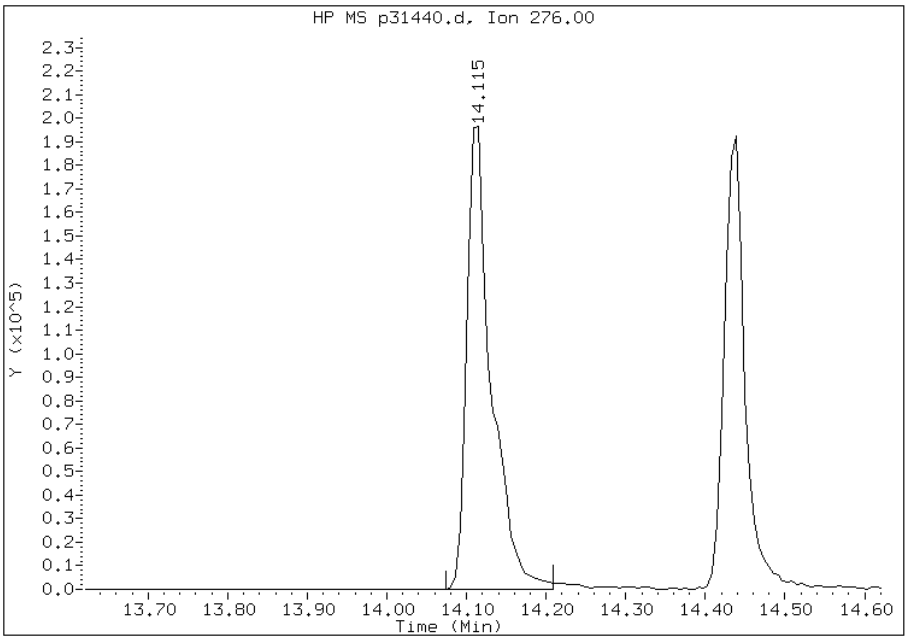
Processing Integration Results

RT: 14.12

Response: 420143

Amount: 22

Conc: 22



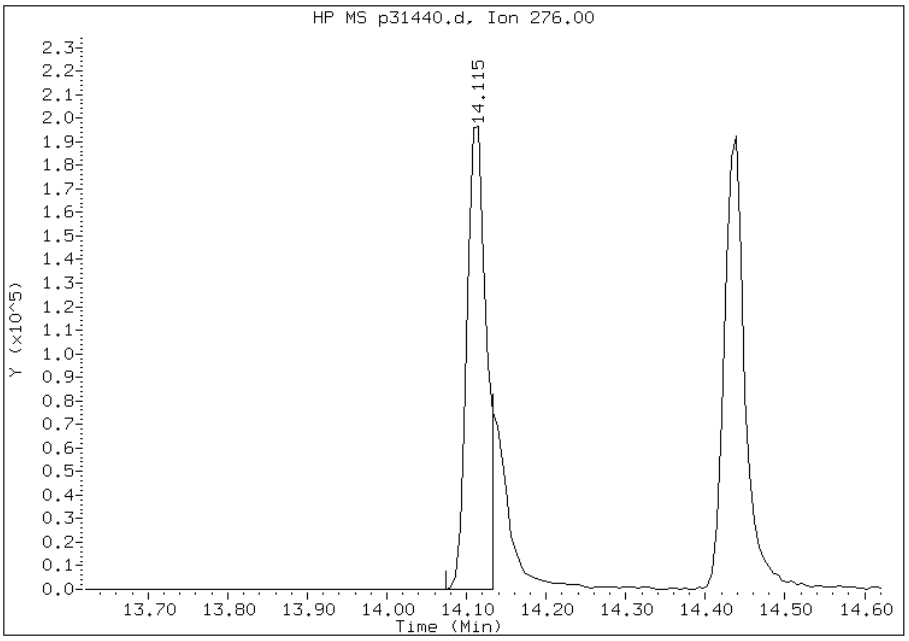
Manual Integration Results

RT: 14.12

Response: 333288

Amount: 19

Conc: 19



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31441.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31441.d
Lab Smp Id: IC-1564209
Inj Date : 29-JUN-2012 07:07
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1564209
Misc Info : 10 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:37 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 07:07 Cal File: p31441.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.101	1.101	(0.289)	150895	10.0000	11
	19 N-Nitrosodimethylamine	74	1.300	1.300	(0.342)	213292	10.0000	11
	71 Pyridine	79	1.324	1.324	(0.348)	371913	10.0000	11
$	16 2-Fluorophenol (SUR)	112	2.434	2.434	(0.640)	324368	10.0000	10
	110 Benzaldehyde	77	3.310	3.310	(0.870)	181524	10.0000	12
$	17 Phenol-d5 (SUR)	99	3.445	3.445	(0.906)	392278	10.0000	10
	73 Aniline	93	3.433	3.433	(0.903)	472187	10.0000	11
	1 Phenol	94	3.457	3.457	(0.909)	418844	10.0000	10
	20 bis(2-Chloroethyl)ether	93	3.527	3.527	(0.927)	321252	10.0000	9.7
	2 2-Chlorophenol	128	3.568	3.568	(0.938)	335462	10.0000	10
	113 n-decane	43	3.656	3.656	(0.961)	327102	10.0000	10
	21 1,3-Dichlorobenzene	146	3.739	3.739	(0.983)	380266	10.0000	11
*	79 1,4-Dichlorobenzene-d4	152	3.803	3.803	(1.000)	915456	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31441.d
Report Date: 29-Jun-2012 11:37

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.821	3.821	(1.005)	387934	10.0000	11
	74 Benzyl Alcohol	108	3.991	3.991	(1.049)	180203	10.0000	9.8
	23 1,2-Dichlorobenzene	146	3.991	3.991	(1.049)	360376	10.0000	11
	3 2-Methylphenol	108	4.144	4.144	(1.090)	273555	10.0000	10
	24 bis (2-chloroisopropyl) ether	45	4.150	4.150	(1.091)	344946	10.0000	10
	104 Acetophenone	105	4.279	4.279	(1.125)	418584	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.297	4.297	(1.130)	223421	10.0000	10
	4 4-Methylphenol	108	4.326	4.326	(1.137)	275045	10.0000	10
	123 3 & 4 Methylphenol	108	4.326	4.326	(1.137)	278825	10.0000	10
	26 Hexachloroethane	117	4.361	4.361	(1.147)	151035	10.0000	11
$	76 Nitrobenzene-d5 (SUR)	82	4.438	4.438	(0.852)	348483	10.0000	10
	27 Nitrobenzene	77	4.461	4.461	(0.857)	465721	10.0000	11
	107 N,N-Dimethylaniline	120	4.467	4.467	(1.175)	450229	10.0000	11
	28 Isophorone	82	4.732	4.732	(0.909)	533158	10.0000	11
	5 2-Nitrophenol	139	4.814	4.814	(0.924)	150775	10.0000	9.8
	6 2,4-Dimethylphenol	122	4.902	4.902	(0.941)	257336	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	4.996	4.996	(0.959)	325170	10.0000	11
	15 Benzoic Acid	122	5.055	5.055	(0.971)	98760	10.0000	7.4(M)
	7 2,4-Dichlorophenol	162	5.084	5.084	(0.976)	223057	10.0000	10
	30 1,2,4-Trichlorobenzene	180	5.161	5.161	(0.991)	264027	10.0000	11
*	80 Naphthalene-d8	136	5.208	5.208	(1.000)	2787640	40.0000	
	31 Naphthalene	128	5.225	5.225	(1.003)	836820	10.0000	9.4
	32 4-Chloroaniline	127	5.319	5.319	(1.021)	318366	10.0000	11
	33 Hexachlorobutadiene	225	5.384	5.384	(1.034)	149130	10.0000	10
	111 Caprolactam	113	5.678	5.678	(1.090)	64072	10.0000	10
	8 4-Chloro-3-methylphenol	107	5.866	5.866	(1.126)	230062	10.0000	10
	34 2-Methylnaphthalene	142	5.960	5.960	(1.144)	512502	10.0000	11
	120 1-Methylnaphthalene	142	6.059	6.059	(1.164)	494442	10.0000	10
	35 Hexachlorocyclopentadiene	237	6.136	6.136	(0.875)	89465	10.0000	7.1
	129 1,2,4,5-Tetrachlorobenzene	216	6.142	6.142	(0.876)	229946	10.0000	10
	121 2-tert-Butyl-4-methylphenol	149	6.218	6.218	(1.194)	351312	10.0000	11
	9 2,4,6-Trichlorophenol	196	6.271	6.271	(0.894)	133858	10.0000	9.5
	10 2,4,5-Trichlorophenol	196	6.318	6.318	(0.901)	143607	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	6.353	6.353	(0.906)	515466	10.0000	10
	102 Diphenyl	154	6.447	6.447	(0.920)	606947	10.0000	11
	36 2-Chloronaphthalene	162	6.453	6.453	(0.920)	438662	10.0000	10
	103 Diphenyl Ether	170	6.553	6.553	(0.935)	315785	10.0000	10
	37 2-Nitroaniline	65	6.577	6.577	(0.938)	138315	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.682	6.682	(0.953)	373038	10.0000	10
	38 Dimethylphthalate	163	6.776	6.776	(0.966)	430622	10.0000	10
	114 Coumarin	146	6.776	6.776	(1.301)	140898	10.0000	10
	40 2,6-Dinitrotoluene	165	6.835	6.835	(0.975)	99870	10.0000	10
	39 Acenaphthylene	152	6.864	6.864	(0.979)	667958	10.0000	11
	41 3-Nitroaniline	138	6.994	6.994	(0.997)	109625	10.0000	11
*	82 Acenaphthene-d10	164	7.011	7.011	(1.000)	1441516	40.0000	
	42 Acenaphthene	154	7.041	7.041	(1.004)	408780	10.0000	11
	122 2,6-Di-tert-butyl-p-cresol	205	7.064	7.064	(1.008)	382358	10.0000	10

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31441.d
Report Date: 29-Jun-2012 11:37

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	11 2,4-Dinitrophenol	184	7.117	7.117	(1.015)	84490	20.0000	18
	12 4-Nitrophenol	65	7.217	7.217	(1.029)	162839	20.0000	20
	44 2,4-Dinitrotoluene	165	7.235	7.235	(1.032)	123297	10.0000	10
	43 Dibenzofuran	168	7.211	7.211	(1.028)	563168	10.0000	11
	130 2,3,4,6-Tetrachlorophenol	232	7.358	7.358	(1.049)	89555	10.0000	9.7
	45 Diethylphthalate	149	7.481	7.481	(1.067)	424557	10.0000	11
	47 Fluorene	166	7.552	7.552	(1.077)	457973	10.0000	11
	46 4-Chlorophenyl-phenylether	204	7.570	7.570	(1.080)	213747	10.0000	10
	48 4-Nitroaniline	138	7.599	7.599	(1.084)	97704	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	7.640	7.640	(0.902)	121071	20.0000	18
	49 N-Nitrosodiphenylamine	169	7.687	7.687	(0.908)	289969	10.0000	9.8
	75 1,2-Diphenylhydrazine	77	7.722	7.722	(0.912)	580974	10.0000	11
$	18 2,4,6-Tribromophenol (SUR)	330	7.793	7.793	(1.111)	57627	10.0000	9.9
	50 4-Bromophenyl-phenylether	248	8.045	8.045	(0.950)	116101	10.0000	9.8
	51 Hexachlorobenzene	284	8.098	8.098	(0.956)	122480	10.0000	9.9
	112 Atrazine	200	8.239	8.239	(0.973)	105178	10.0000	10
	14 Pentachlorophenol	266	8.310	8.310	(0.981)	124993	20.0000	18
	132 Pentachloronitrobenzene	237	8.316	8.316	(0.982)	52979	10.0000	10
	115 n-Octadecane	57	8.427	8.427	(0.995)	271380	10.0000	9.6
*	83 Phenanthrene-d10	188	8.468	8.468	(1.000)	1879882	40.0000	
	52 Phenanthrene	178	8.492	8.492	(1.003)	551876	10.0000	11
	53 Anthracene	178	8.539	8.539	(1.008)	569073	10.0000	11
	54 Carbazole	167	8.715	8.715	(1.029)	472144	10.0000	11
	55 Di-n-butylphthalate	149	9.085	9.085	(1.073)	616306	10.0000	11
	56 Fluoranthene	202	9.649	9.649	(1.139)	507335	10.0000	11
	58 Benzidine	184	9.808	9.808	(1.158)	364415	20.0000	37
	57 Pyrene	202	9.867	9.867	(0.891)	499762	10.0000	10
$	78 Terphenyl-d14	244	10.043	10.043	(0.907)	330058	10.0000	10
	59 Butylbenzylphthalate	149	10.543	10.543	(0.952)	208195	10.0000	10
	124 Carbamazepine	193	10.625	10.625	(0.959)	132259	10.0000	9.4
	60 3,3'-Dichlorobenzidine	252	11.060	11.060	(0.998)	231842	20.0000	20
	61 Benzo(a)anthracene	228	11.065	11.065	(0.999)	352644	10.0000	10
*	81 Chrysene-d12	240	11.077	11.077	(1.000)	1123315	40.0000	
	62 Chrysene	228	11.107	11.107	(1.003)	331127	10.0000	11
	63 bis(2-Ethylhexyl)phthalate	149	11.159	11.159	(1.007)	276289	10.0000	10
	64 Di-n-octylphthalate	149	11.906	11.906	(0.932)	383660	10.0000	9.8
	65 Benzo(b)fluoranthene	252	12.299	12.299	(0.963)	265298	10.0000	10
	66 Benzo(k)fluoranthene	252	12.329	12.329	(0.965)	275484	10.0000	10
	67 Benzo(a)pyrene	252	12.693	12.693	(0.994)	217621	10.0000	10
*	84 Perylene-d12	264	12.769	12.769	(1.000)	839772	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.115	14.115	(1.105)	184648	10.0000	9.7(M)
	69 Dibenz(a,h)anthracene	278	14.138	14.138	(1.107)	176247	10.0000	9.6
	70 Benzo(g,h,i)perylene	276	14.438	14.438	(1.131)	191490	10.0000	10

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31441.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

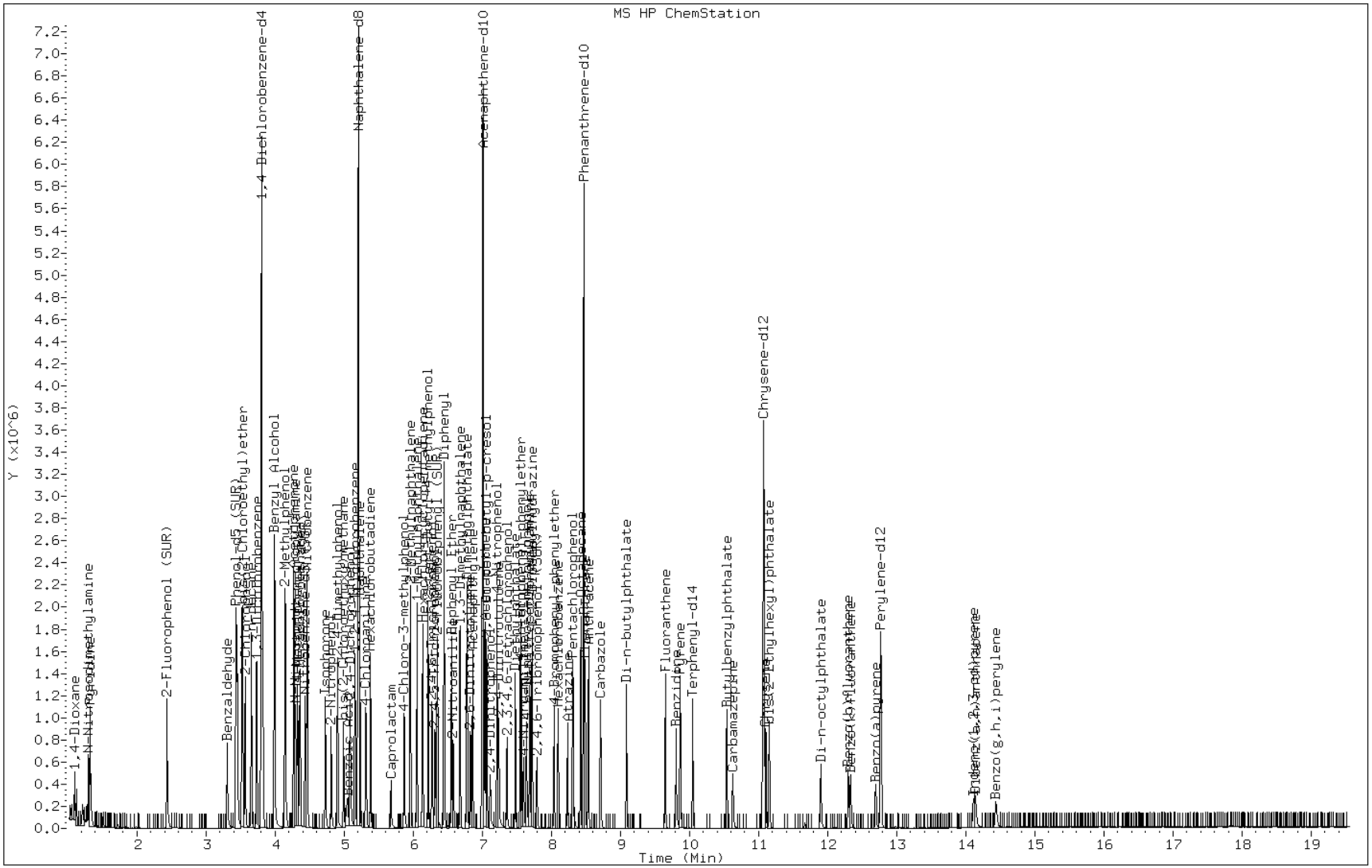
M - Compound response manually integrated.

Data File: p31441.d

Date: 29-JUN-2012 07:07

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1564209 Operator: BNAMS 4



Manual Integration Report

Data File: p31441.d
Inj. Date and Time: 29-JUN-2012 07:07
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

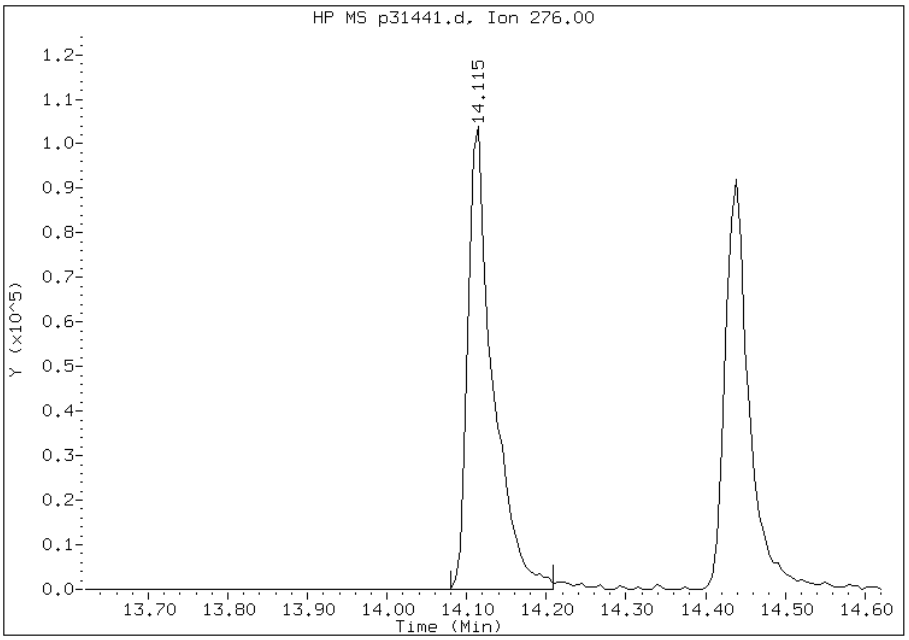
Processing Integration Results

RT: 14.11

Response: 225082

Amount: 11

Conc: 11



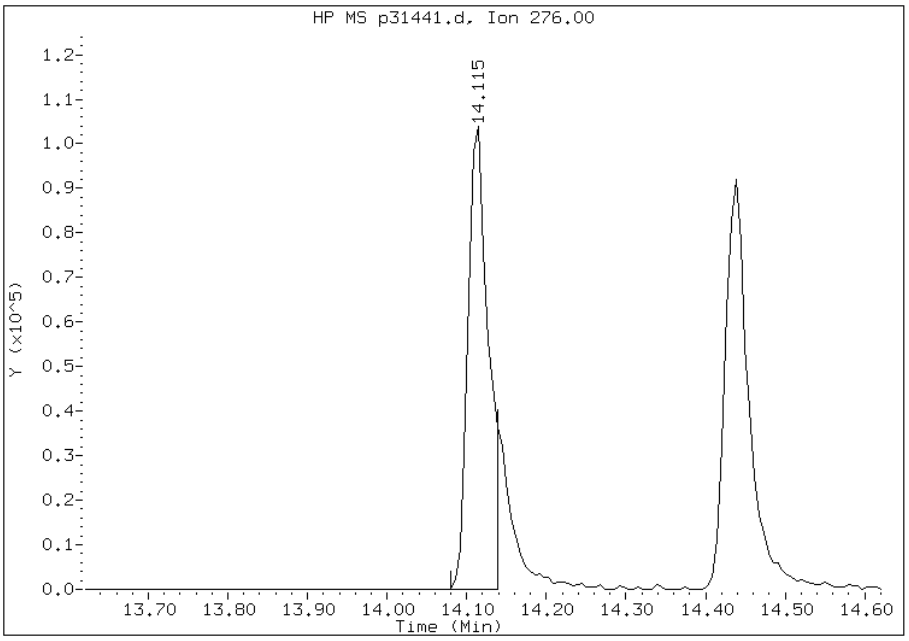
Manual Integration Results

RT: 14.11

Response: 184648

Amount: 10

Conc: 10



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p31441.d
Inj. Date and Time: 29-JUN-2012 07:07
Instrument ID: BNAMS10.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

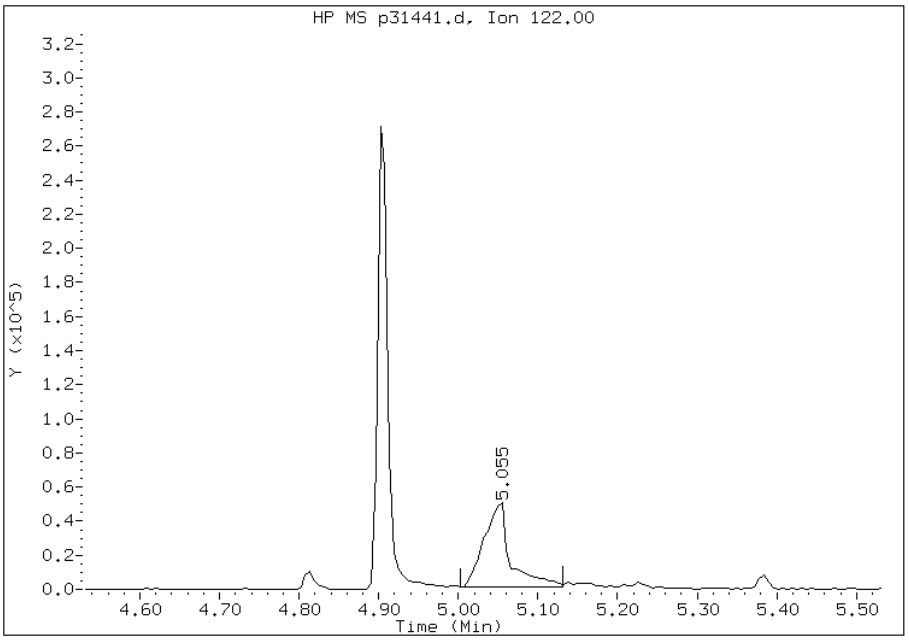
Processing Integration Results

RT: 5.05

Response: 113925

Amount: 8

Conc: 8



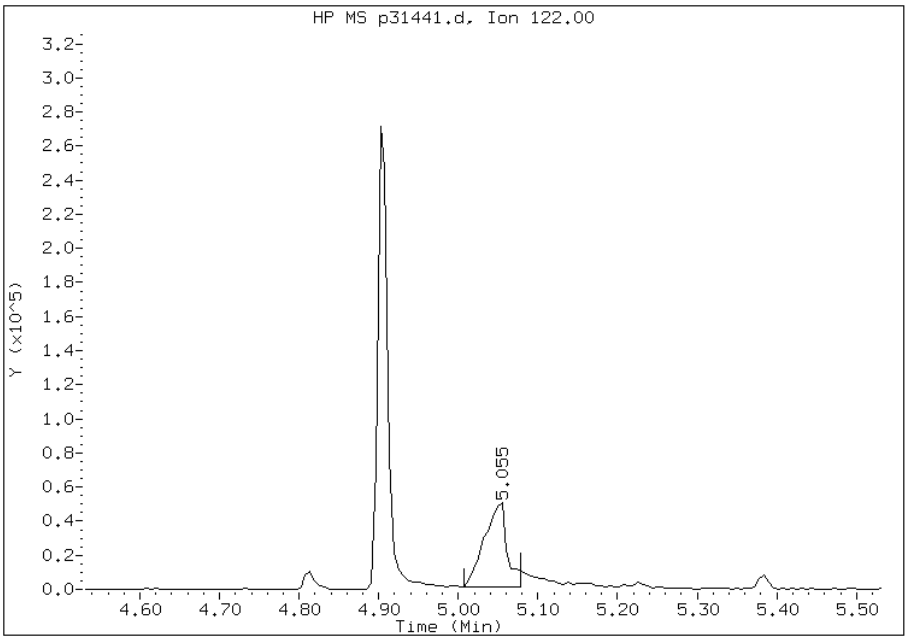
Manual Integration Results

RT: 5.05

Response: 98760

Amount: 7

Conc: 7



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31442.d
Report Date: 29-Jun-2012 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31442.d
Lab Smp Id: IC-1564202
Inj Date : 29-JUN-2012 07:35
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1564202
Misc Info : 05 ppm bna 4672
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 11:37 croccom Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.101	1.101	(0.289)	73782	5.00000	5.5
	19 N-Nitrosodimethylamine	74	1.312	1.312	(0.345)	104242	5.00000	5.3
	71 Pyridine	79	1.330	1.330	(0.350)	179607	5.00000	5.3
$	16 2-Fluorophenol (SUR)	112	2.440	2.440	(0.642)	160755	5.00000	5.2
	110 Benzaldehyde	77	3.310	3.310	(0.870)	114358	5.00000	7.8
$	17 Phenol-d5 (SUR)	99	3.439	3.439	(0.904)	193070	5.00000	5.1
	73 Aniline	93	3.433	3.433	(0.903)	246825	5.00000	5.6
	1 Phenol	94	3.457	3.457	(0.909)	220582	5.00000	5.6
	20 bis(2-Chloroethyl)ether	93	3.527	3.527	(0.927)	17600	0.50000	0.53
	2 2-Chlorophenol	128	3.568	3.568	(0.938)	168505	5.00000	5.3
	113 n-decane	43	3.657	3.657	(0.961)	167835	5.00000	5.3
	21 1,3-Dichlorobenzene	146	3.733	3.733	(0.981)	187244	5.00000	5.3
*	79 1,4-Dichlorobenzene-d4	152	3.803	3.803	(1.000)	918915	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31442.d
Report Date: 29-Jun-2012 11:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.821	3.821	(1.005)	196849	5.00000	5.5
	74 Benzyl Alcohol	108	3.991	3.991	(1.049)	90998	5.00000	4.9(a)
	23 1,2-Dichlorobenzene	146	3.991	3.991	(1.049)	180432	5.00000	5.4
	3 2-Methylphenol	108	4.144	4.144	(1.090)	147474	5.00000	5.3
	24 bis (2-chloroisopropyl) ether	45	4.150	4.150	(1.091)	177386	5.00000	5.3
	104 Acetophenone	105	4.273	4.273	(1.124)	204642	5.00000	5.2
	25 N-Nitroso-di-n-propylamine	70	4.297	4.297	(1.130)	11616	0.50000	0.54
	4 4-Methylphenol	108	4.326	4.326	(1.137)	143184	5.00000	5.4
	123 3 & 4 Methylphenol	108	4.326	4.326	(1.137)	147547	5.00000	5.5
	26 Hexachloroethane	117	4.362	4.362	(1.147)	7049	0.50000	0.50
$	76 Nitrobenzene-d5 (SUR)	82	4.438	4.438	(0.852)	176003	5.00000	5.2
	27 Nitrobenzene	77	4.462	4.462	(0.857)	20977	0.50000	0.49(a)
	107 N,N-Dimethylaniline	120	4.467	4.467	(1.175)	21720	0.50000	0.51
	28 Isophorone	82	4.726	4.726	(0.907)	282769	5.00000	5.5
	5 2-Nitrophenol	139	4.814	4.814	(0.924)	76665	5.00000	4.9(a)
	6 2,4-Dimethylphenol	122	4.902	4.902	(0.941)	135899	5.00000	5.4
	29 bis(2-Chloroethoxy)methane	93	4.990	4.990	(0.958)	166395	5.00000	5.4
	15 Benzoic Acid	122	5.031	5.031	(0.966)	38382	5.00000	2.8(aM)
	7 2,4-Dichlorophenol	162	5.090	5.090	(0.977)	115909	5.00000	5.3
	30 1,2,4-Trichlorobenzene	180	5.161	5.161	(0.991)	13288	0.50000	0.53
*	80 Naphthalene-d8	136	5.208	5.208	(1.000)	2838660	40.0000	
	31 Naphthalene	128	5.225	5.225	(1.003)	435235	5.00000	4.6(a)
	32 4-Chloroaniline	127	5.319	5.319	(1.021)	163867	5.00000	5.6
	33 Hexachlorobutadiene	225	5.384	5.384	(1.034)	15176	1.00000	1.0
	111 Caprolactam	113	5.666	5.666	(1.088)	26611	5.00000	4.3(a)
	8 4-Chloro-3-methylphenol	107	5.866	5.866	(1.126)	119565	5.00000	5.4
	34 2-Methylnaphthalene	142	5.960	5.960	(1.144)	263041	5.00000	5.5
	120 1-Methylnaphthalene	142	6.060	6.060	(1.164)	271075	5.00000	5.6(a)
	35 Hexachlorocyclopentadiene	237	6.130	6.130	(0.874)	42298	5.00000	3.2(a)
	129 1,2,4,5-Tetrachlorobenzene	216	6.142	6.142	(0.876)	121810	5.00000	5.1
	121 2-tert-Butyl-4-methylphenol	149	6.218	6.218	(1.194)	188876	5.00000	5.6
	9 2,4,6-Trichlorophenol	196	6.271	6.271	(0.894)	69689	5.00000	4.8(a)
	10 2,4,5-Trichlorophenol	196	6.318	6.318	(0.901)	73005	5.00000	5.0
$	77 2-Fluorobiphenyl (SUR)	172	6.348	6.348	(0.905)	268295	5.00000	5.2
	102 Diphenyl	154	6.442	6.442	(0.919)	307819	5.00000	5.5
	36 2-Chloronaphthalene	162	6.453	6.453	(0.920)	234240	5.00000	5.4
	103 Diphenyl Ether	170	6.553	6.553	(0.935)	165480	5.00000	5.2
	37 2-Nitroaniline	65	6.577	6.577	(0.938)	145204	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.677	6.677	(0.952)	199677	5.00000	5.2
	38 Dimethylphthalate	163	6.776	6.776	(0.966)	236354	5.00000	5.6
	114 Coumarin	146	6.776	6.776	(1.301)	78643	5.00000	5.5
	40 2,6-Dinitrotoluene	165	6.835	6.835	(0.975)	9967	1.00000	0.99(a)
	39 Acenaphthylene	152	6.859	6.859	(0.978)	365236	5.00000	5.8
	41 3-Nitroaniline	138	6.994	6.994	(0.997)	113672	10.0000	11
*	82 Acenaphthene-d10	164	7.011	7.011	(1.000)	1492549	40.0000	
	42 Acenaphthene	154	7.035	7.035	(1.003)	213293	5.00000	5.3
	122 2,6-Di-tert-butyl-p-cresol	205	7.064	7.064	(1.008)	193094	5.00000	5.1

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31442.d
Report Date: 29-Jun-2012 11:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.117	7.117	(1.015)	56948	15.0000	12(a)
	12 4-Nitrophenol	65	7.217	7.217	(1.029)	115709	15.0000	14(a)
	44 2,4-Dinitrotoluene	165	7.241	7.241	(1.033)	12528	1.00000	1.0
	43 Dibenzofuran	168	7.211	7.211	(1.028)	299671	5.00000	5.5
	130 2,3,4,6-Tetrachlorophenol	232	7.358	7.358	(1.049)	49607	5.00000	5.2
	45 Diethylphthalate	149	7.482	7.482	(1.067)	229431	5.00000	5.5
	47 Fluorene	166	7.552	7.552	(1.077)	246642	5.00000	5.5
	46 4-Chlorophenyl-phenylether	204	7.564	7.564	(1.079)	113114	5.00000	5.3
	48 4-Nitroaniline	138	7.599	7.599	(1.084)	98347	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	7.640	7.640	(0.902)	93170	15.0000	13(a)
	49 N-Nitrosodiphenylamine	169	7.687	7.687	(0.908)	157908	5.00000	5.0
	75 1,2-Diphenylhydrazine	77	7.722	7.722	(0.912)	274926	5.00000	4.7(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.793	7.793	(1.111)	31595	5.00000	5.2
	50 4-Bromophenyl-phenylether	248	8.046	8.046	(0.950)	60008	5.00000	4.8(a)
	51 Hexachlorobenzene	284	8.098	8.098	(0.956)	6510	0.50000	0.49(a)
	112 Atrazine	200	8.234	8.234	(0.972)	54812	5.00000	5.0
	14 Pentachlorophenol	266	8.304	8.304	(0.981)	98036	15.0000	14(a)
	132 Pentachloronitrobenzene	237	8.316	8.316	(0.982)	29776	5.00000	5.4
	115 n-Octadecane	57	8.428	8.428	(0.995)	150513	5.00000	5.0
*	83 Phenanthrene-d10	188	8.469	8.469	(1.000)	1997896	40.0000	
	52 Phenanthrene	178	8.486	8.486	(1.002)	298136	5.00000	5.4
	53 Anthracene	178	8.539	8.539	(1.008)	295660	5.00000	5.3
	54 Carbazole	167	8.715	8.715	(1.029)	258390	5.00000	5.7
	55 Di-n-butylphthalate	149	9.086	9.086	(1.073)	325798	5.00000	5.5
	56 Fluoranthene	202	9.650	9.650	(1.139)	272561	5.00000	5.6
	58 Benzidine	184	9.808	9.808	(1.158)	77181	5.00000	7.3
	57 Pyrene	202	9.867	9.867	(0.891)	270962	5.00000	5.2
$	78 Terphenyl-d14	244	10.043	10.043	(0.907)	176894	5.00000	5.0
	59 Butylbenzylphthalate	149	10.543	10.543	(0.952)	114587	5.00000	5.1
	124 Carbamazepine	193	10.631	10.631	(0.960)	69494	5.00000	4.5(a)
	60 3,3'-Dichlorobenzidine	252	11.066	11.066	(0.999)	134021	10.0000	10
	61 Benzo(a)anthracene	228	11.066	11.066	(0.999)	21923	0.50000	0.58
*	81 Chrysene-d12	240	11.077	11.077	(1.000)	1220774	40.0000	
	62 Chrysene	228	11.101	11.101	(1.002)	173670	5.00000	5.2
	63 bis(2-Ethylhexyl)phthalate	149	11.154	11.154	(1.007)	146589	5.00000	5.1
	64 Di-n-octylphthalate	149	11.906	11.906	(0.932)	197126	5.00000	4.5(a)
	65 Benzo(b)fluoranthene	252	12.305	12.305	(0.964)	12339	0.50000	0.42(a)
	66 Benzo(k)fluoranthene	252	12.335	12.335	(0.966)	15828	0.50000	0.51
	67 Benzo(a)pyrene	252	12.693	12.693	(0.994)	10873	0.50000	0.46(a)
*	84 Perylene-d12	264	12.770	12.770	(1.000)	951158	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.121	14.121	(1.106)	10045	0.50000	0.47(a)
	69 Dibenz(a,h)anthracene	278	14.150	14.150	(1.108)	8842	0.50000	0.42(aM)
	70 Benzo(g,h,i)perylene	276	14.438	14.438	(1.131)	101987	5.00000	4.7(a)

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31442.d
Report Date: 29-Jun-2012 11:37

QC Flag Legend

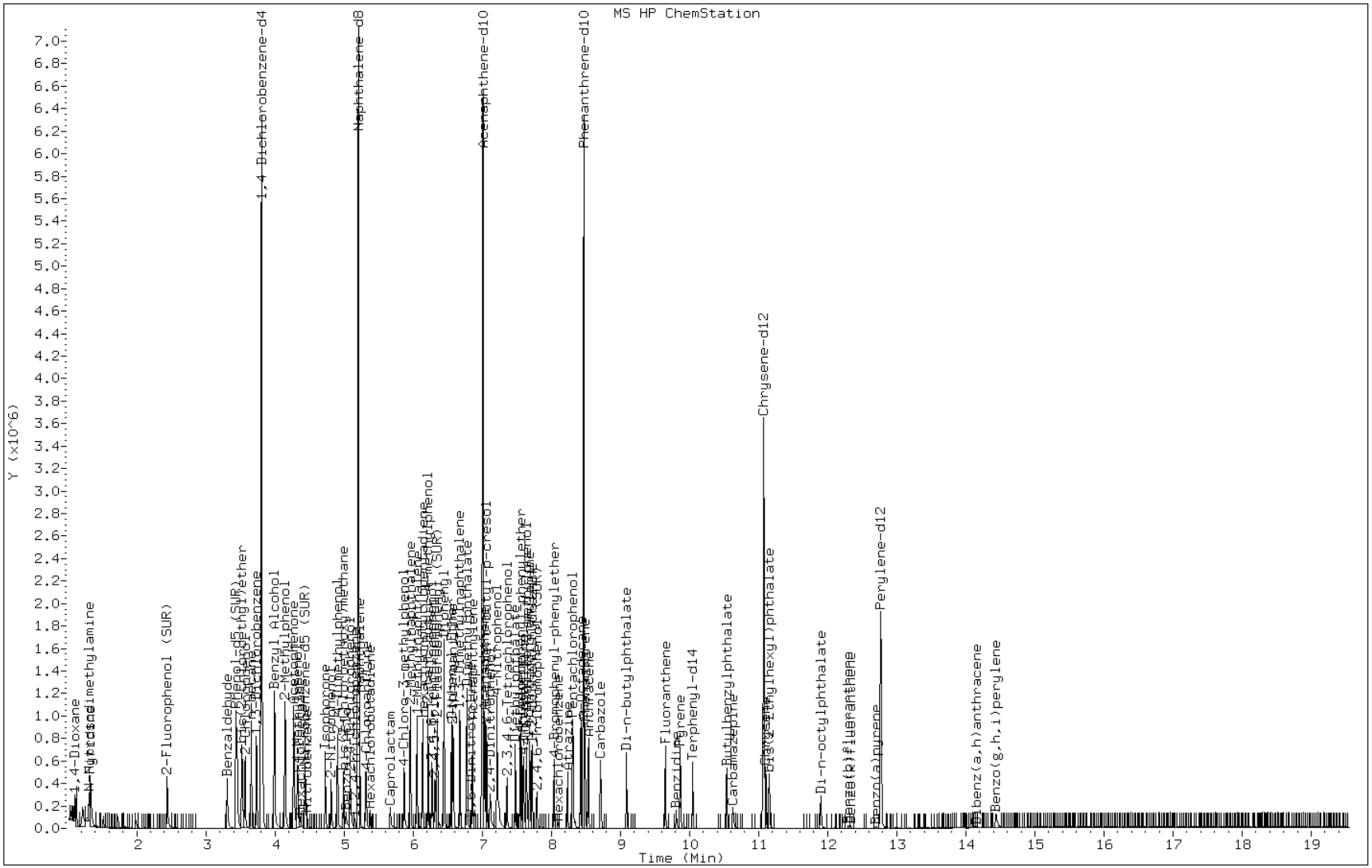
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: p31442.d

Date: 29-JUN-2012 07:35

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1564202 Operator: BNAMS 4



Manual Integration Report

Data File: p31442.d
Inj. Date and Time: 29-JUN-2012 07:35
Instrument ID: BNAMS10.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

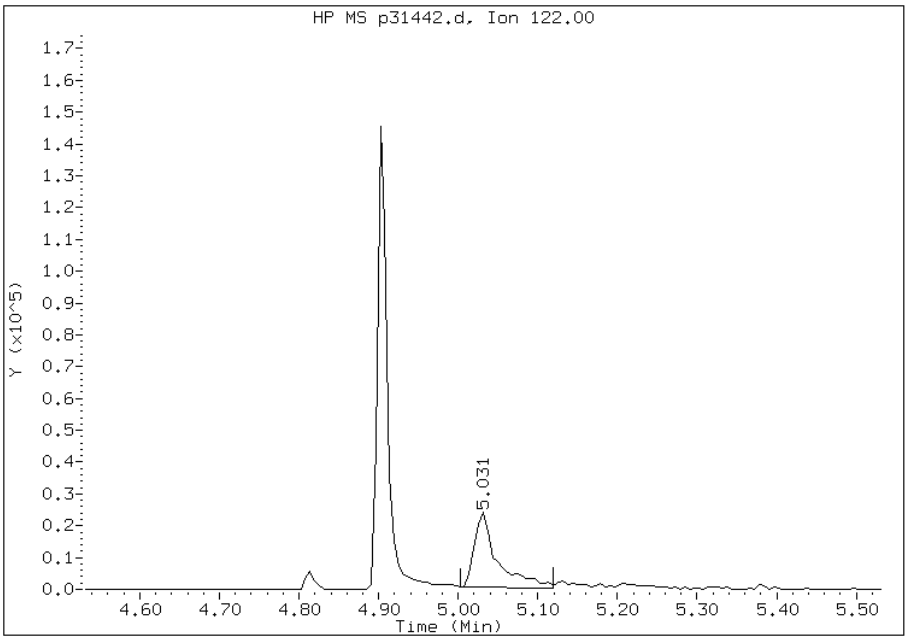
Processing Integration Results

RT: 5.03

Response: 46536

Amount: 3

Conc: 3



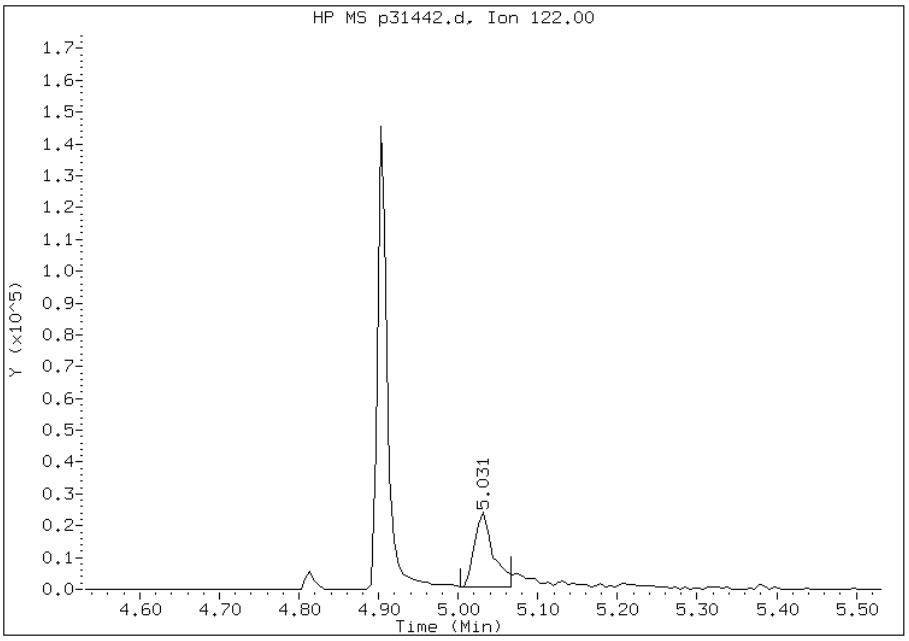
Manual Integration Results

RT: 5.03

Response: 38382

Amount: 3

Conc: 3



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p31442.d
Inj. Date and Time: 29-JUN-2012 07:35
Instrument ID: BNAMS10.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 06/29/2012

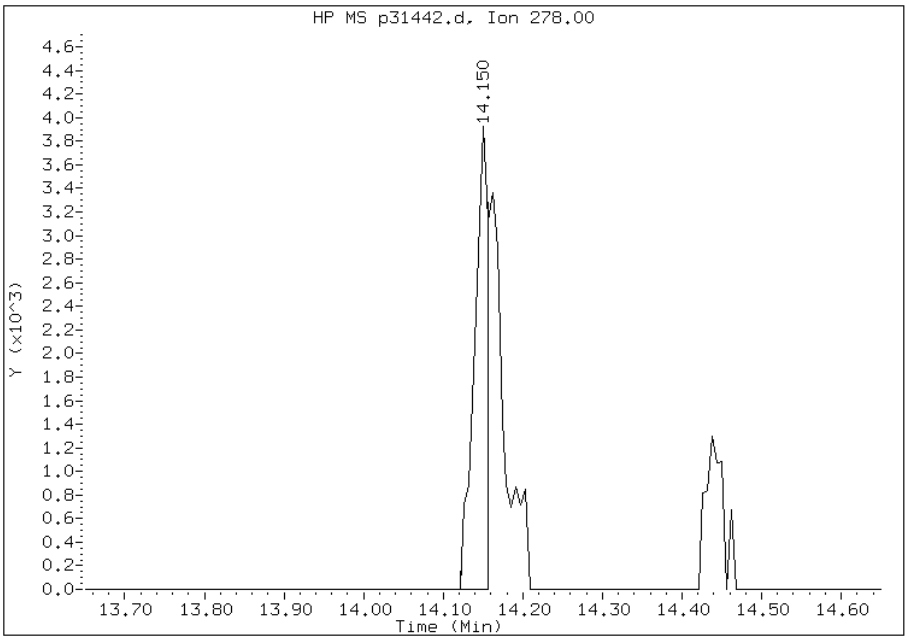
Processing Integration Results

RT: 14.15

Response: 4714

Amount: 0

Conc: 0



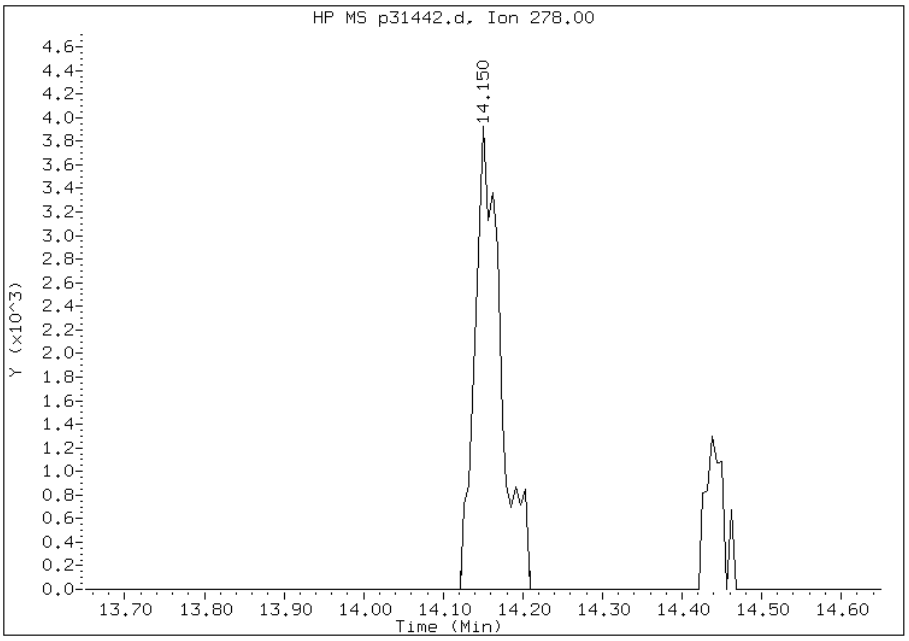
Manual Integration Results

RT: 14.15

Response: 8842

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118061/7	u77819.d
Level 2	IC 460-118061/6	u77818.d
Level 3	IC 460-118061/5	u77817.d
Level 4	ICIS 460-118061/2	u77814.d
Level 5	IC 460-118061/4	u77816.d
Level 6	IC 460-118061/3	u77815.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								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.4996 0.4695	0.4977	0.5129	0.4914	0.4751	Ave		0.4910				3.3		15.0			
N-Nitrosodimethylamine	0.8668 0.9920	1.0080	0.9425	0.9689	0.9542	Ave		0.9554				5.2		15.0			
Pyridine	1.6296 1.6128	1.6205	1.5648	1.5828	1.5703	Ave		1.5968				1.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1949	+++++	Ave		0.1949						15.0			
Benzaldehyde	1.3967 +++++	1.0939	0.7915	0.3993	0.2825	Ave		0.7928				58.8	*	15.0			
Aniline	2.3692 2.3673	2.3427	2.3684	2.4540	2.3846	Ave		2.3811				1.6		15.0			
Phenol	1.9389 2.9841	2.1160	2.3137	2.2943	2.3370	QuaF		0.5016	-0.018						0.9989		0.9900
Bis(2-chloroethyl)ether	1.5019 2.3789	1.7819	1.7058	1.7098	1.7592	QuaF		0.6771	-0.036						0.9989		0.9900
2-Chlorophenol	1.1222 1.6018	1.2792	1.2499	1.3374	1.3732	Ave		1.3273				12.1		15.0			
Decane	2.0102 1.9421	2.0798	2.1815	2.0543	1.8933	Ave		2.0269				5.1		15.0			
1,3-Dichlorobenzene	1.5023 1.7399	1.4900	1.5119	1.5770	1.5860	Ave		1.5678				5.9		15.0			
1,4-Dichlorobenzene	1.5839 1.9197	1.6436	1.4929	1.6878	1.6955	Ave		1.6706				8.6		30.0			

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 Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

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								
Benzyl alcohol	0.7402 1.0893	0.9418	0.9051	1.0001	1.0317	Ave		0.9514				12.8		15.0			
1,2-Dichlorobenzene	1.4819 1.8639	1.6207	1.5835	1.7306	1.7352	Ave		1.6693				8.1		15.0			
2,2'-oxybis[1-chloropropane]	3.1906 3.1569	3.2102	3.1770	3.1281	3.1248	Ave		3.1646				1.1		15.0			
2-Methylphenol	1.1449 1.5472	1.2674	1.4225	1.3865	1.4193	Ave		1.3646				10.3		15.0			
Acetophenone	2.2258 2.7797	2.6278	2.4820	2.5772	2.4795	Ave		2.5287				7.3		15.0			
N-Nitrosodi-n-propylamine	1.5313 1.8882	1.8616	1.8192	1.8364	1.7212	Ave		1.7763			0.0500	7.5		15.0			
3 & 4 Methylphenol	1.2707 1.9445	1.4046	1.5480	1.4299	1.4485	QuaF		0.8074	-0.050						0.9978		0.9900
4-Methylphenol	1.2707 1.9445	1.4046	1.5480	1.4299	1.4485	QuaF		0.8074	-0.050						0.9978		0.9900
Hexachloroethane	0.6363 1.0209	0.8558	0.8226	0.8424	0.8595	Ave		0.8396				14.6		15.0			
Nitrobenzene	1.0898 0.9034	0.9813	1.0116	0.9686	0.9854	Ave		0.9900				6.1		15.0			
n,n'-Dimethylaniline	1.6800 2.5011	1.8382	1.9455	2.1188	2.2713	Ave		2.0591				14.6		15.0			
Isophorone	1.1552 1.0495	1.1027	1.1712	1.0831	1.0957	Ave		1.1096				4.1		15.0			
2-Nitrophenol	0.1907 0.2483	0.1940	0.2184	0.2130	0.2141	Ave		0.2131				9.7		30.0			
2,4-Dimethylphenol	0.2791 0.3375	0.2795	0.2919	0.3259	0.3074	Ave		0.3036				8.0		15.0			
Bis(2-chloroethoxy)methane	0.5505 0.5406	0.5376	0.5398	0.5443	0.5653	Ave		0.5464				1.9		15.0			
2,4-Dichlorophenol	0.3237 0.4580	0.3298	0.3724	0.3947	0.4158	Ave		0.3824				13.5		30.0			
Benzoic acid	0.0972 0.1980	0.1489	0.2179	0.1895	0.1961	QuaF		5.2334	-0.307						0.9984		0.9900
1,2,4-Trichlorobenzene	0.3717 0.4344	0.4028	0.4115	0.4381	0.4263	Ave		0.4141				6.0		15.0			
Naphthalene	0.8801 1.1410	0.8627	0.9214	1.0111	1.1656	Ave		0.9970				13.2		15.0			
4-Chloroaniline	0.4003 0.4088	0.3739	0.3919	0.3898	0.4107	Ave		0.3959				3.5		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

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								
Hexachlorobutadiene	0.3090 0.3384	0.3155	0.3365	0.3568	0.3415	Ave		0.3330				5.3		30.0			
Caprolactam	0.0950 0.0748	0.0988	0.1056	0.0968	0.0865	Ave		0.0929				11.6		15.0			
4-Chloro-3-methylphenol	0.4879 0.4214	0.4560	0.4877	0.4862	0.4192	Ave		0.4597				7.1		30.0			
2-Methylnaphthalene	0.6406 0.7949	0.6350	0.7025	0.7040	0.7545	Ave		0.7053				8.9		15.0			
1-Methylnaphthalene	0.7271 0.8665	0.6665	0.7460	0.7368	0.7829	Ave		0.7543				8.8		15.0			
Hexachlorocyclopentadiene	0.2638 0.5110	0.2575	0.3517	0.4689	0.4747	QuaF		2.3844	-0.283		0.0500				0.9984		0.9900
1,2,4,5-Tetrachlorobenzene	0.7210 0.9239	0.7127	0.8085	0.9041	0.8239	Ave		0.8157				10.9		30.0			
2-tertbutyl-4-methylphenol	0.6013 0.6277	0.5660	0.6543	0.5852	0.6265	Ave		0.6102				5.3		15.0			
2,4,6-Trichlorophenol	0.3844 0.5206	0.4316	0.4762	0.5138	0.4722	Ave		0.4665				11.0		30.0			
2,4,5-Trichlorophenol	0.4723 0.5891	0.4436	0.4906	0.5176	0.5098	Ave		0.5038				9.8		15.0			
Diphenyl	1.2432 1.6863	1.1813	1.2714	1.6417	1.6442	QuaF		0.6552	-0.013						0.9987		0.9900
2-Chloronaphthalene	0.9994 1.3721	0.9833	1.0883	1.2534	1.2723	Ave		1.1615				13.8		15.0			
Diphenyl ether	0.6678 0.9158	0.6710	0.7045	0.7468	0.8045	Ave		0.7517				12.7		15.0			
2-Nitroaniline	0.6127 0.5455	0.5939	0.5981	0.6249	0.5926	Ave		0.5946				4.6		15.0			
Dimethylnaphthalene, total	0.7930 1.0322	0.7339	0.8662	0.9593	0.9280	Ave		0.8854				12.4		15.0			
Dimethyl phthalate	1.5246 1.4749	1.3812	1.4394	1.4591	1.4458	Ave		1.4542				3.2		15.0			
Coumarin	0.3127 0.3053	0.2988	0.3390	0.2946	0.3117	Ave		0.3104				5.1		15.0			
2,6-Dinitrotoluene	0.2405 0.3388	0.3091	0.3366	0.3486	0.3425	Ave		0.3193				12.8		15.0			
Acenaphthylene	1.5825 1.7274	1.4704	1.5649	1.6823	1.7617	Ave		1.6315				6.8		15.0			
3-Nitroaniline	0.3047 0.2789	0.2652	0.2904	0.2909	0.3074	Ave		0.2896				5.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

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								
Acenaphthene	0.9256 1.3916	0.8815	0.9709	1.1533	1.2059	QuaF		0.9784	-0.062						0.9996		0.9900
3,5-di-tert-butyl-4-hydroxytol	1.0192 1.1864	0.9812	1.1534	1.1750	1.1188	Ave		1.1056				7.8		15.0			
2,4-Dinitrophenol	0.1388 0.2315	0.1558	0.1926	0.2127	0.2057	QuaF		5.4765	-1.668		0.0500				0.9964		0.9900
Dibenzofuran	1.5589 1.7852	1.5119	1.5742	1.6690	1.7282	Ave		1.6379				6.5		15.0			
4-Nitrophenol	0.4552 0.4297	0.4586	0.4786	0.4830	0.4620	Ave		0.4612			0.0500	4.1		15.0			
2,4-Dinitrotoluene	0.4430 0.4530	0.4423	0.4769	0.4839	0.4389	Ave		0.4563				4.2		15.0			
2,3,4,6-Tetrachlorophenol	0.3954 0.4385	0.3833	0.4557	0.4553	0.4268	Ave		0.4258				7.2		30.0			
Diethyl phthalate	1.6930 1.5043	1.6576	1.6159	1.6949	1.5288	Ave		1.6158				5.1		15.0			
Fluorene	1.2293 1.4864	1.2049	1.3310	1.4001	1.5361	Ave		1.3646				9.9		15.0			
4-Chlorophenyl phenyl ether	0.7262 0.7586	0.6916	0.7158	0.7662	0.7514	Ave		0.7350				3.9		15.0			
4-Nitroaniline	0.2876 0.2220	0.2567	0.2750	0.2450	0.2262	Ave		0.2521				10.4		15.0			
4,6-Dinitro-2-methylphenol	0.1320 0.1956	0.1494	0.1562	0.2001	0.1931	QuaF		5.6592	-1.010						0.9951		0.9900
N-Nitrosodiphenylamine	0.4566 0.6311	0.4584	0.4846	0.5379	0.5765	Ave		0.5242				13.4		30.0			
1,2-Diphenylhydrazine	1.1489 1.7252	1.3597	1.3517	1.5388	1.6633	Ave		1.4646				14.8		15.0			
4-Bromophenyl phenyl ether	0.2494 0.3329	0.2594	0.2561	0.3217	0.2960	Ave		0.2859				12.6		15.0			
Hexachlorobenzene	0.2810 0.3699	0.3188	0.3292	0.4117	0.3739	Ave		0.3474				13.4		15.0			
Atrazine	0.2176 0.2487	0.2350	0.2318	0.2540	0.2383	Ave		0.2376				5.4		15.0			
Pentachlorophenol	0.1460 0.2468	0.1649	0.1679	0.2396	0.2310	QuaF		4.9952	-1.320						0.9928		0.9900
Pentachloronitrobenzene	0.1607 0.1886	0.1794	0.1686	0.2010	0.1860	Ave		0.1807				8.0					
n-Octadecane	0.5965 0.7834	0.5837	0.6191	0.6512	0.7056	Ave		0.6566				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

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								
Phenanthrene	0.9261 1.2014	1.0927	0.9430	1.2287	1.1779	Ave		1.0950				12.1		15.0			
Anthracene	0.9439 1.2406	1.0302	0.9777	1.1349	1.1498	Ave		1.0795				10.6		15.0			
Carbazole	0.8500 1.0637	0.9219	0.8690	0.9683	0.9563	Ave		0.9382				8.2		15.0			
Di-n-butyl phthalate	1.3959 1.5412	1.4338	1.3970	1.6190	1.5455	Ave		1.4887				6.2		15.0			
Fluoranthene	1.0707 1.2005	1.1514	1.1000	1.1809	1.2301	Ave		1.1556				5.3		30.0			
Benzidine	0.3281 +++++	0.4034	0.2694	0.1142	0.0750	Ave		0.2380				58.8	*	15.0			
Pyrene	1.2172 1.4116	1.2853	1.2130	1.3206	1.2349	Ave		1.2804				6.0		15.0			
Butyl benzyl phthalate	0.6933 0.6836	0.7003	0.6434	0.6428	0.6409	Ave		0.6674				4.2		15.0			
Carbamazepine	0.4430 0.4935	0.4463	0.4957	0.4428	0.4359	Ave		0.4595				6.0		15.0			
3,3'-Dichlorobenzidine	0.3967 0.2957	0.4235	0.3982	0.3357	0.2888	QuaF		2.5691	0.9931						0.9902		0.9900
Benzo[a]anthracene	1.2314 1.1629	1.2210	1.1095	1.1096	1.0996	Ave		1.1557				5.1		15.0			
Chrysene	0.9863 1.0858	1.0853	1.1017	0.9725	0.9888	Ave		1.0367				5.8		15.0			
Bis(2-ethylhexyl) phthalate	0.8672 0.8905	0.8884	0.8152	0.8019	0.8259	Ave		0.8482				4.6		15.0			
Di-n-octyl phthalate	1.6445 1.8561	1.7349	1.6626	1.7687	1.8523	Ave		1.7532				5.2		30.0			
Benzo[b]fluoranthene	1.0688 1.4430	1.0936	1.2442	1.1804	1.2724	Ave		1.2171				11.2		15.0			
Benzo[k]fluoranthene	1.1402 1.1133	1.3539	1.2250	1.3010	1.2167	Ave		1.2250				7.5		15.0			
Benzo[a]pyrene	0.8552 1.0197	1.0573	0.8701	0.9900	0.9620	Ave		0.9591				8.5		30.0			
Indeno[1,2,3-cd]pyrene	0.6825 1.0360	0.7705	0.7017	0.8156	0.9483	QuaF		1.2935	-0.108						0.9987		0.9900
Dibenz(a,h)anthracene	0.5878 0.9804	0.7396	0.7244	0.8284	0.8692	QuaF		1.3364	-0.108						0.9998		0.9900
Benzo[g,h,i]perylene	0.7739 1.0568	0.7967	0.7912	0.8801	0.9202	Ave		0.8698				12.4		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 Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

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-Fluorophenol	1.0413 1.4713	1.0732	1.1620	1.2652	1.3414	Ave		1.2257				13.5		15.0			
Phenol-d5	1.8361 2.6083	1.8633	2.0762	2.1597	2.1659	Ave		2.1183				13.2		15.0			
Nitrobenzene-d5	0.6741 0.7123	0.6882	0.7398	0.7534	0.6911	Ave		0.7098				4.4		15.0			
2-Fluorobiphenyl	1.2016 1.6425	1.1975	1.3121	1.4774	1.4147	Ave		1.3743				12.6		15.0			
2,4,6-Tribromophenol	0.2949 0.3170	0.2948	0.3231	0.3391	0.2784	Ave		0.3079				7.3		15.0			
Terphenyl-d14	0.9244 1.0340	0.9985	1.0583	1.0799	0.9807	Ave		1.0126				5.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118061/7	u77819.d
Level 2	IC 460-118061/6	u77818.d
Level 3	IC 460-118061/5	u77817.d
Level 4	ICIS 460-118061/2	u77814.d
Level 5	IC 460-118061/4	u77816.d
Level 6	IC 460-118061/3	u77815.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	8496 194812	15353	31661	80864	137538	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	14741 411588	31095	58176	159448	276247	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	27712 669158	49990	96590	260464	454594	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1211	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	23752 +++++	33745	48857	65713	81795	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	40290 982228	72270	146193	403836	690363	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	QuaF	32973 1238137	65276	142822	377543	676576	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	2554 987020	54970	105295	281360	509291	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	19084 664607	39461	77153	220082	397539	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	34185 805794	64160	134658	338051	548118	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	25547 721894	45965	93325	259513	459145	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	26935 796495	50703	92150	277748	490850	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	12587 451956	29052	55869	164569	298695	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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-Dichlorobenzene	DCB	Ave	25201 773339	49995	97748	284794	502359	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	54258 1309828	99029	196106	514764	904637	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	19469 641962	39098	87810	228157	410890	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	37851 1153322	81064	153210	424103	717819	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2604 783448	57428	112293	302195	498288	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	21609 806783	43330	95554	235306	419342	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	21609 806783	43330	95554	235306	419342	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1082 423567	26401	50779	138623	248843	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	7034 1566573	121994	240293	614666	1099829	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	2857 1037741	56705	120090	348662	657552	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	74564 1819856	137086	278191	687322	1222971	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	12312 430568	24120	51875	135179	238992	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	18016 585282	34751	69325	206829	343133	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	35531 937435	66835	128232	345410	630964	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	20891 794118	41005	88457	250489	464103	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	6277 343330	18509	51751	120242	218880	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	2399 753347	50075	97755	277982	475847	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	56810 1978573	107248	218857	641613	1301059	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	25836 708799	46481	93091	247329	458443	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	3989 586885	39223	79936	226431	381141	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	6131 129753	12286	25078	61411	96499	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	31489 730786	56692	115845	308527	467926	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	41347 1378462	78947	166866	446762	842123	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	46929 1502636	82856	177208	467529	873875	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	12427 572674	23618	58428	198256	354176	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	33969 1035366	65379	134300	382218	614685	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	38814 1088451	70369	155426	371334	699268	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	18109 583426	39592	79110	217228	352273	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	22248 660175	40694	81500	218814	380332	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	QuaF	58567 1889756	108364	211200	694066	1226745	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	47082 1537585	90204	180784	529928	949244	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	31462 1026311	61559	117028	315727	600199	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	57731 611338	54484	99358	264183	442147	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	37359 1156766	67324	143891	405567	692341	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	71826 1652838	126704	239117	616880	1078702	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	20181 529470	37145	80525	186945	347951	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2266 379621	28355	55918	147380	255516	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	74554 1935768	134885	259964	711243	1314381	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	28712 312557	24332	48240	122986	229333	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	QuaF	43607 1559439	80866	161291	487586	899741	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	48016 1329508	90009	191595	496770	834695	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	19620 259390	28577	47997	89943	153475	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	73441 2000571	138700	261497	705638	1289399	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	64332 481485	84136	119255	204216	344677	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	4174 507666	40575	79214	204592	327496	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	18626 491426	35159	75701	192478	318409	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	79757 1685775	152061	268437	716571	1140643	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	57912 1665731	110536	221106	591922	1146062	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	34211 850117	63442	118912	323947	560601	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	27097 248752	23546	45687	103580	168792	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	35607 310324	46985	72324	132979	215338	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	41056 1001447	72065	149623	357432	642981	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	103315 2737697	213742	417364	1022517	1854947	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	22429 528224	40771	79080	213754	330137	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2527 587015	50122	101639	273568	417026	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	19568 394726	36943	71587	168769	265753	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	39389 391642	51834	77772	159211	257627	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	14450 299300	28194	52068	133538	207428	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	53636 1243252	91750	191178	432696	786914	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	83281 1906479	171776	291188	816478	1313701	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	84878 1968665	161936	301878	754161	1282307	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	76436 1687919	144921	268329	643426	1066560	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	125525 2445758	225389	431357	1075850	1723565	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	96284 1905002	180989	339669	784702	1371891	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	29501 +++++	126818	124780	75875	83645	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	94242 1921259	173575	323264	820663	1232691	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	53678 930364	94577	171456	399423	639743	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	34298 671719	60265	132108	275149	435094	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	61427 402434	114381	159184	208631	288296	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9534 1582775	164893	295665	689515	1097620	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	76369 1477737	146564	293601	604342	987048	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	67146 1212050	119976	217231	498282	824395	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	94643 1781875	181394	331020	746166	1238657	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	6151 1385358	114335	247723	497995	850910	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	6562 1068796	141553	243907	548869	813623	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4922 978947	110545	173230	417677	643339	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	3928 994610	80556	139700	344089	634152	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	3383 941206	77331	144231	349503	581227	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	44541 1014594	83300	157538	371279	615372	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	17708 610458	33106	71730	208196	388350	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	31224 1082233	57480	128159	355403	627044	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	43509 1235220	85560	175727	478053	771403	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	56607 1840652	109856	217956	624615	1055470	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	13893 355189	27043	53676	143386	207732	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118061

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2012 17:45 Calibration End Date: 06/28/2012 19:33 Calibration ID: 16260

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	71573 1407297	134847	282018	671084	978925	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77814.d
Report Date: 29-Jun-2012 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77814.d
Lab Smp Id: ICIS-1564229
Inj Date : 28-JUN-2012 17:45
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : ICIS-1564229
Misc Info : 50 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:46 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 17:45 Cal File: u77814.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.075	1.075	(0.297)	80864	50.0000	50
	19 N-Nitrosodimethylamine	74	1.287	1.287	(0.355)	159448	50.0000	51
	71 Pyridine	79	1.302	1.302	(0.359)	260464	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.358	2.358	(0.651)	208196	50.0000	52
	110 Benzaldehyde	77	3.165	3.165	(0.874)	65713	50.0000	25
	73 Aniline	93	3.290	3.290	(0.908)	403836	50.0000	52
$	17 Phenol-d5 (SUR)	99	3.305	3.305	(0.912)	355403	50.0000	51
	1 Phenol	94	3.320	3.320	(0.916)	377543	50.0000	51(M)
	20 bis(2-Chloroethyl)ether	93	3.372	3.372	(0.931)	281360	50.0000	51
	2 2-Chlorophenol	128	3.417	3.417	(0.943)	220082	50.0000	50
	113 n-decane	43	3.476	3.476	(0.959)	338051	50.0000	51
	21 1,3-Dichlorobenzene	146	3.564	3.564	(0.984)	259513	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.623	3.623	(1.000)	131648	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77814.d
Report Date: 29-Jun-2012 12:46

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22	1,4-Dichlorobenzene	146	3.637	3.637	(1.004)	277748	50.0000	50
	74	Benzyl Alcohol	108	3.793	3.793	(1.047)	164569	50.0000	52
	23	1,2-Dichlorobenzene	146	3.793	3.793	(1.047)	284794	50.0000	52
	24	bis (2-chloroisopropyl) ether	45	3.923	3.923	(1.083)	514764	50.0000	49
	3	2-Methylphenol	108	3.938	3.938	(1.087)	228157	50.0000	51
	104	Acetophenone	105	4.064	4.064	(1.122)	424103	50.0000	51
	25	N-Nitroso-di-n-propylamine	70	4.079	4.079	(1.126)	302195	50.0000	52
	4	4-Methylphenol	108	4.101	4.101	(1.132)	235306	50.0000	51
	123	3 & 4 Methylphenol	108	4.101	4.101	(1.132)	235306	50.0000	51
	26	Hexachloroethane	117	4.131	4.131	(1.140)	138623	50.0000	50
$	76	Nitrobenzene-d5 (SUR)	82	4.205	4.205	(0.853)	478053	50.0000	53
	27	Nitrobenzene	77	4.234	4.234	(0.859)	614666	50.0000	49
	107	N,N-Dimethylaniline	120	4.234	4.234	(1.169)	348662	50.0000	51
	28	Isophorone	82	4.485	4.485	(0.910)	687322	50.0000	49
	5	2-Nitrophenol	139	4.552	4.552	(0.923)	135179	50.0000	50
	6	2,4-Dimethylphenol	122	4.640	4.640	(0.941)	206829	50.0000	54
	29	bis(2-Chloroethoxy)methane	93	4.715	4.715	(0.956)	345410	50.0000	50
	7	2,4-Dichlorophenol	162	4.811	4.811	(0.976)	250489	50.0000	52
	15	Benzoic Acid	122	4.856	4.856	(0.985)	120242	50.0000	49(M)
	30	1,2,4-Trichlorobenzene	180	4.878	4.878	(0.990)	277982	50.0000	53
*	80	Naphthalene-d8	136	4.930	4.930	(1.000)	507654	40.0000	
	31	Naphthalene	128	4.952	4.952	(1.005)	641613	50.0000	51
	32	4-Chloroaniline	127	5.027	5.027	(1.020)	247329	50.0000	49
	33	Hexachlorobutadiene	225	5.094	5.094	(1.033)	226431	50.0000	54
	111	Caprolactam	113	5.455	5.455	(1.106)	61411	50.0000	52
	8	4-Chloro-3-methylphenol	107	5.572	5.572	(1.130)	308527	50.0000	53
	34	2-Methylnaphthalene	142	5.653	5.653	(1.147)	446762	50.0000	50
	120	1-Methylnaphthalene	142	5.750	5.750	(1.166)	467529	50.0000	49
	35	Hexachlorocyclopentadiene	237	5.825	5.825	(0.871)	198256	50.0000	52
	129	1,2,4,5-Tetrachlorobenzene	216	5.832	5.832	(0.872)	382218	50.0000	55
	121	2-tert-Butyl-4-methylphenol	149	5.904	5.904	(1.198)	371334	50.0000	48
	9	2,4,6-Trichlorophenol	196	5.962	5.962	(0.892)	217228	50.0000	55
	10	2,4,5-Trichlorophenol	196	6.007	6.007	(0.898)	218814	50.0000	51
$	77	2-Fluorobiphenyl (SUR)	172	6.037	6.037	(0.903)	624615	50.0000	54
	102	Diphenyl	154	6.133	6.133	(0.917)	694066	50.0000	52
	36	2-Chloronaphthalene	162	6.140	6.140	(0.918)	529928	50.0000	54
	103	Diphenyl Ether	170	6.237	6.237	(0.933)	315727	50.0000	50
	37	2-Nitroaniline	65	6.267	6.267	(0.937)	264183	50.0000	52
	125	1,3-Dimethylnaphthalene	156	6.363	6.363	(0.951)	405567	50.0000	54
	38	Dimethylphthalate	163	6.458	6.458	(0.966)	616880	50.0000	50
	114	Coumarin	146	6.466	6.466	(1.311)	186945	50.0000	47
	40	2,6-Dinitrotoluene	165	6.518	6.518	(0.975)	147380	50.0000	54
	39	Acenaphthylene	152	6.548	6.548	(0.979)	711243	50.0000	52
	41	3-Nitroaniline	138	6.680	6.680	(0.999)	122986	50.0000	50
*	82	Acenaphthene-d10	164	6.688	6.688	(1.000)	338227	40.0000	
	42	Acenaphthene	154	6.725	6.725	(1.006)	487586	50.0000	51
	122	2,6-Di-tert-butyl-p-cresol	205	6.740	6.740	(1.008)	496770	50.0000	53

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77814.d
Report Date: 29-Jun-2012 12:46

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	11 2,4-Dinitrophenol	184	6.791	6.791	(1.015)	89943	50.0000	54
	12 4-Nitrophenol	65	6.895	6.895	(1.031)	204216	50.0000	52
	43 Dibenzofuran	168	6.895	6.895	(1.031)	705638	50.0000	51
	44 2,4-Dinitrotoluene	165	6.917	6.917	(1.034)	204592	50.0000	53
	130 2,3,4,6-Tetrachlorophenol	232	7.035	7.035	(1.052)	192478	50.0000	53
	45 Diethylphthalate	149	7.159	7.159	(1.070)	716571	50.0000	52
	47 Fluorene	166	7.234	7.234	(1.082)	591922	50.0000	51
	46 4-Chlorophenyl-phenylether	204	7.241	7.241	(1.083)	323947	50.0000	52
	48 4-Nitroaniline	138	7.293	7.293	(1.091)	103580	50.0000	48
	13 4,6-Dinitro-2-methylphenol	198	7.323	7.323	(0.899)	132979	50.0000	54
	49 N-Nitrosodiphenylamine	169	7.368	7.368	(0.905)	357432	50.0000	51
	75 1,2-Diphenylhydrazine	77	7.398	7.398	(0.909)	1022517	50.0000	52
$	18 2,4,6-Tribromophenol (SUR)	330	7.472	7.472	(1.117)	143386	50.0000	55
	50 4-Bromophenyl-phenylether	248	7.715	7.715	(0.948)	213754	50.0000	56
	51 Hexachlorobenzene	284	7.781	7.781	(0.956)	273568	50.0000	59
	112 Atrazine	200	7.915	7.915	(0.972)	168769	50.0000	53
	14 Pentachlorophenol	266	7.982	7.982	(0.980)	159211	50.0000	55
	132 Pentachloronitrobenzene	237	7.996	7.996	(0.982)	133538	50.0000	56
	115 n-Octadecane	57	8.091	8.091	(0.994)	432696	50.0000	50
*	83 Phenanthrene-d10	188	8.142	8.142	(1.000)	531606	40.0000	
	52 Phenanthrene	178	8.172	8.172	(1.004)	816478	50.0000	56
	53 Anthracene	178	8.216	8.216	(1.009)	754161	50.0000	52
	54 Carbazole	167	8.392	8.392	(1.031)	643426	50.0000	52
	55 Di-n-butylphthalate	149	8.754	8.754	(1.075)	1075850	50.0000	54
	56 Fluoranthene	202	9.327	9.327	(1.146)	784702	50.0000	51
	58 Benzidine	184	9.473	9.473	(1.164)	75875	50.0000	24
	57 Pyrene	202	9.546	9.546	(0.887)	820663	50.0000	52
$	78 Terphenyl-d14	244	9.715	9.715	(0.902)	671084	50.0000	53
	109 2,3,7,8-TCDD (Screen)	320	10.281	10.281	(0.955)	1211	0.50000	0.50
	59 Butylbenzylphthalate	149	10.209	10.209	(0.948)	399423	50.0000	48
	124 Carbamazepine	193	10.304	10.304	(0.957)	275149	50.0000	48
	60 3,3'-Dichlorobenzidine	252	10.744	10.744	(0.998)	208631	50.0000	50
	61 Benzo(a)anthracene	228	10.758	10.758	(0.999)	689515	50.0000	48
*	81 Chrysene-d12	240	10.765	10.765	(1.000)	497127	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.823	10.823	(1.005)	498282	50.0000	47
	62 Chrysene	228	10.793	10.793	(1.003)	604342	50.0000	47
	64 Di-n-octylphthalate	149	11.587	11.587	(0.928)	746166	50.0000	50
	65 Benzo(b)fluoranthene	252	12.013	12.013	(0.962)	497995	50.0000	48
	66 Benzo(k)fluoranthene	252	12.051	12.051	(0.965)	548869	50.0000	53
	67 Benzo(a)pyrene	252	12.418	12.418	(0.994)	417677	50.0000	52
*	84 Perylene-d12	264	12.493	12.493	(1.000)	337502	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.858	13.858	(1.109)	344089	50.0000	49(M)
	69 Dibenz(a,h)anthracene	278	13.881	13.881	(1.111)	349503	50.0000	51
	70 Benzo(g,h,i)perylene	276	14.189	14.189	(1.136)	371279	50.0000	50

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77814.d
Report Date: 29-Jun-2012 12:46

QC Flag Legend

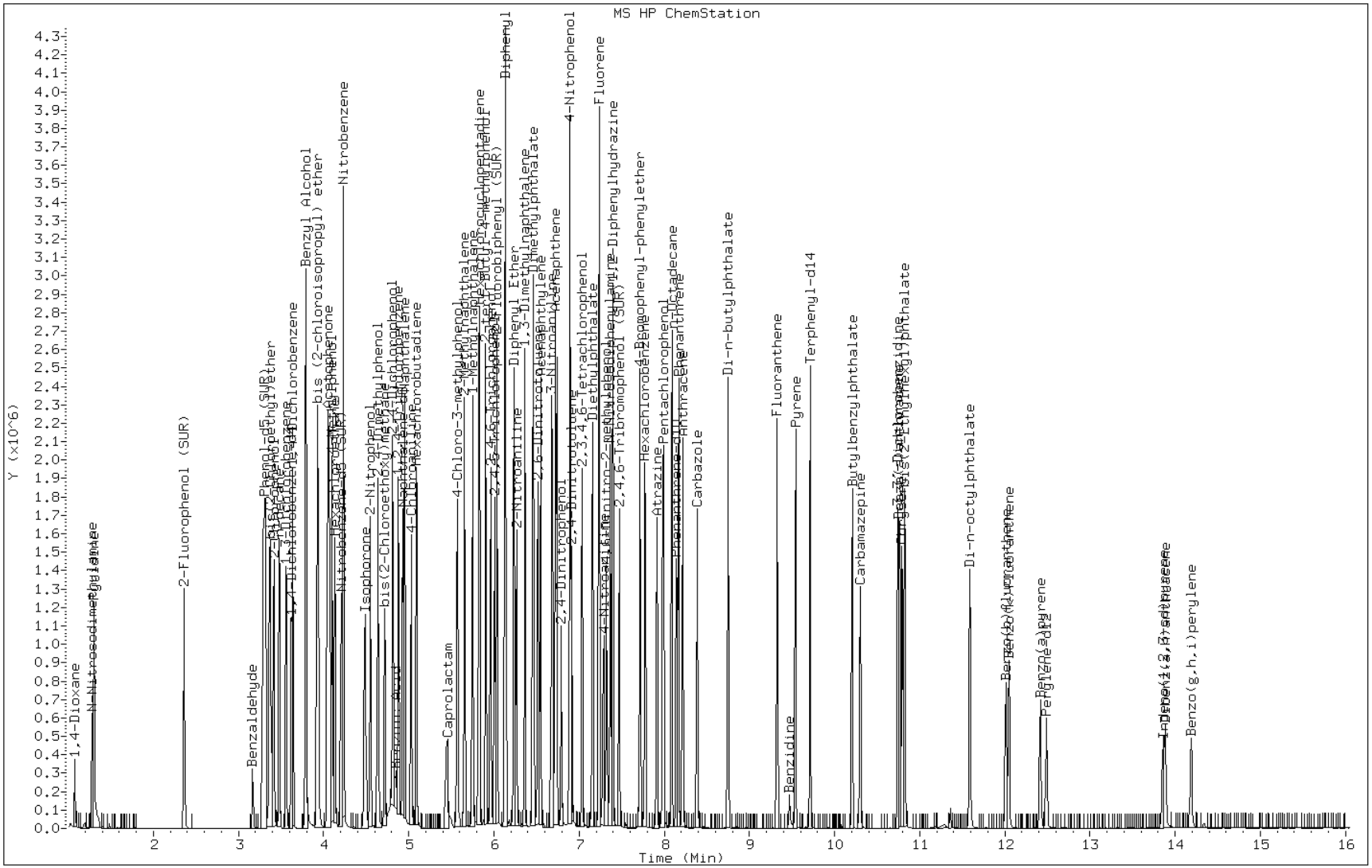
M - Compound response manually integrated.

Data File: u77814.d

Date: 28-JUN-2012 17:45

Client ID: Instrument: BNAMS4.i

Sample Info: ICIS-1564229 Operator: BNAMS 4



Manual Integration Report

Data File: u77814.d
Inj. Date and Time: 28-JUN-2012 17:45
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

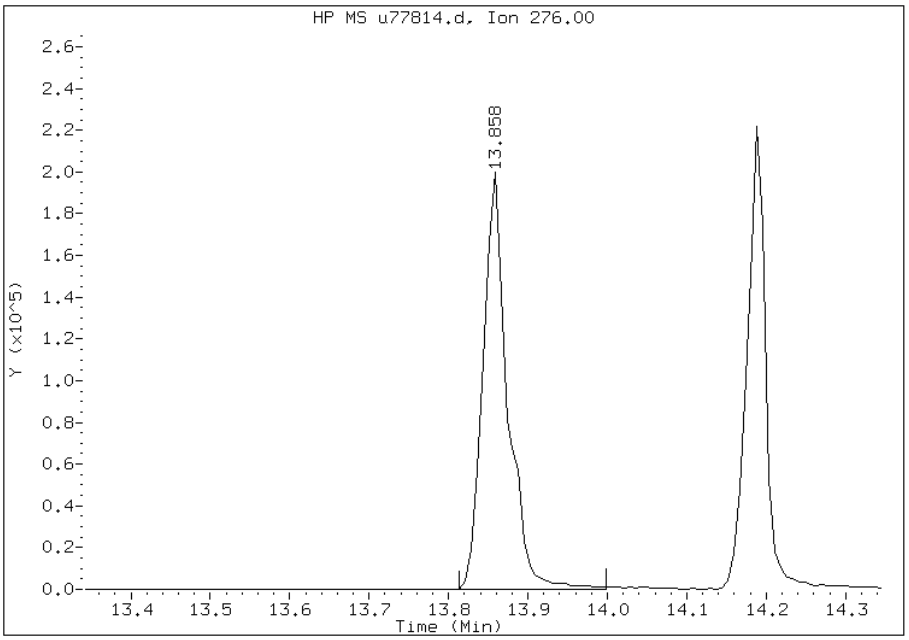
Processing Integration Results

RT: 13.86

Response: 431414

Amount: 50

Conc: 50



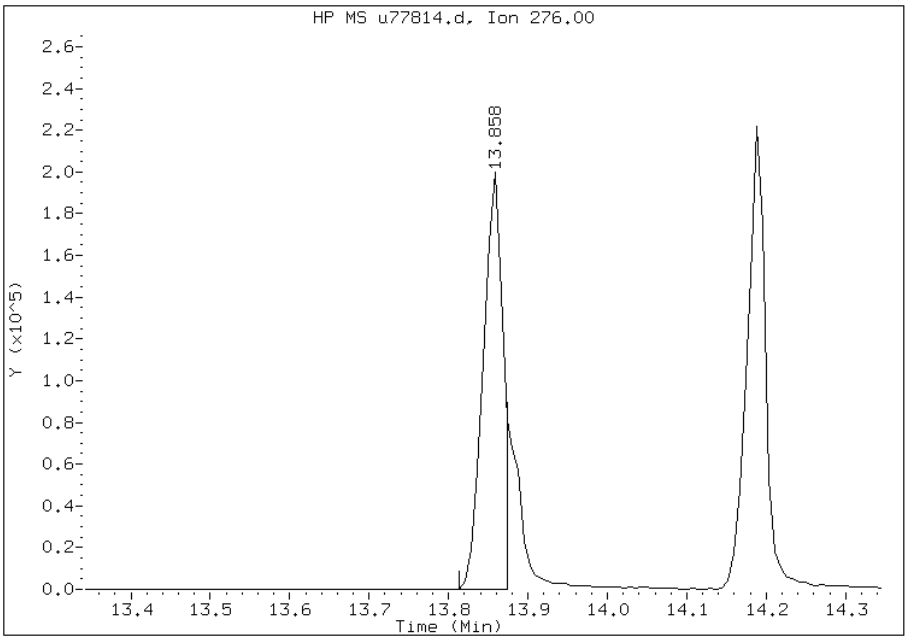
Manual Integration Results

RT: 13.86

Response: 344089

Amount: 49

Conc: 49



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77814.d
Inj. Date and Time: 28-JUN-2012 17:45
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

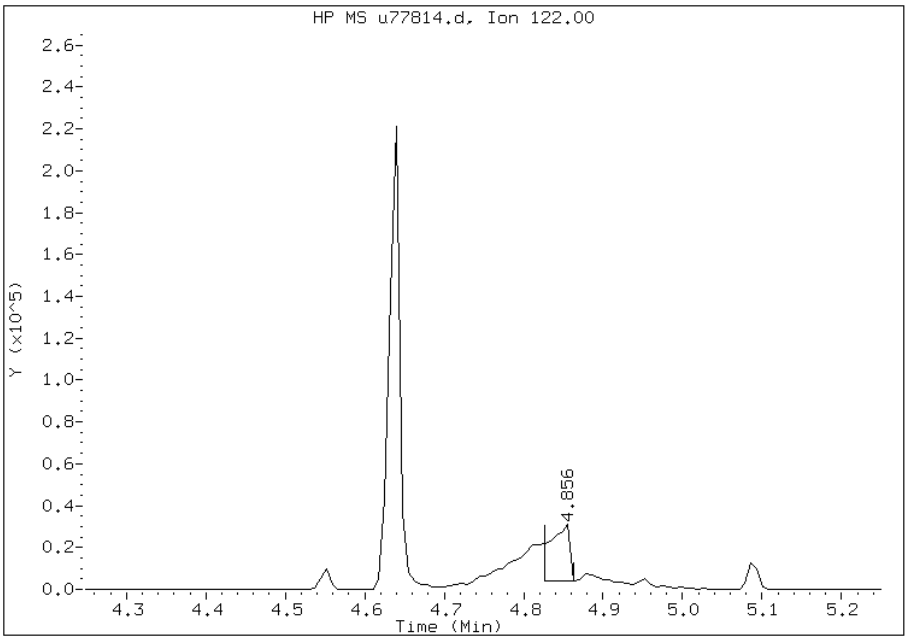
Processing Integration Results

RT: 4.86

Response: 49736

Amount: 50

Conc: 50



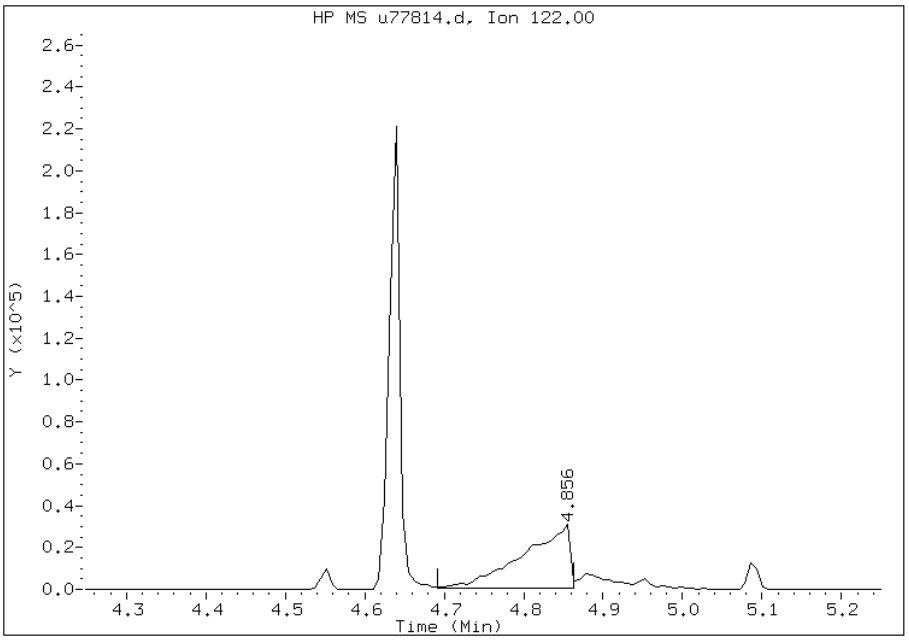
Manual Integration Results

RT: 4.86

Response: 120242

Amount: 49

Conc: 49



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77814.d
Inj. Date and Time: 28-JUN-2012 17:45
Instrument ID: BNAMS4.i
Client ID:
Compound: 1 Phenol
CAS #: 108-95-2
Report Date: 06/29/2012

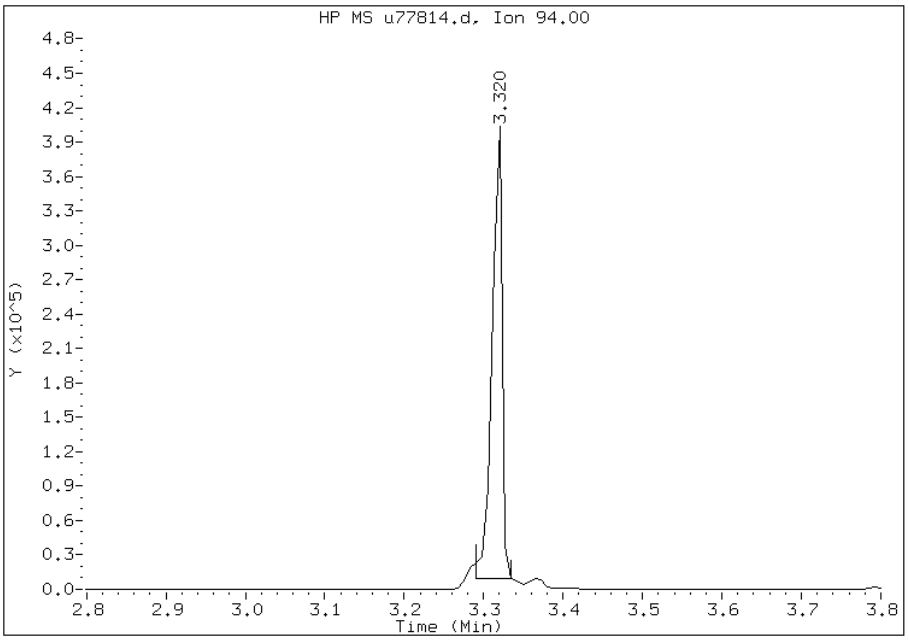
Processing Integration Results

RT: 3.32

Response: 362475

Amount: 50

Conc: 50



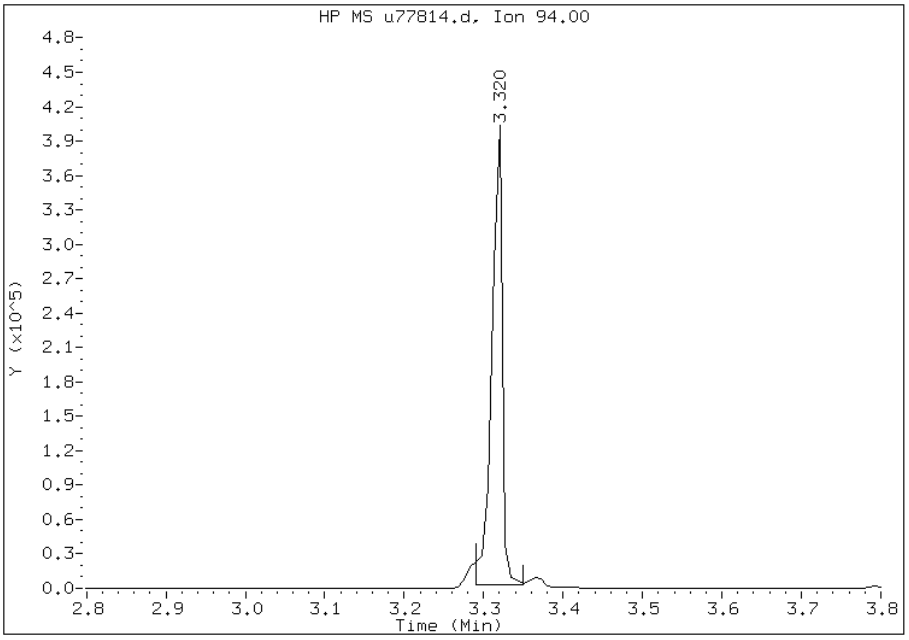
Manual Integration Results

RT: 3.32

Response: 377543

Amount: 51

Conc: 51



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77815.d
Report Date: 29-Jun-2012 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77815.d
Lab Smp Id: IC-1564257
Inj Date : 28-JUN-2012 18:12
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1564257
Misc Info : 120 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:46 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 18:12 Cal File: u77815.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.125	1.125	(0.309)	194812	120.000	110
19	N-Nitrosodimethylamine	74	1.366	1.366	(0.376)	411588	120.000	120(A)
71	Pyridine	79	1.387	1.387	(0.382)	669158	120.000	120(A)
$ 16	2-Fluorophenol (SUR)	112	2.401	2.401	(0.661)	610458	120.000	140(A)
110	Benzaldehyde	77	3.184	3.184	(0.876)	73363	120.000	27
73	Aniline	93	3.302	3.302	(0.908)	982228	120.000	120(AM)
$ 17	Phenol-d5 (SUR)	99	3.339	3.339	(0.918)	1082233	120.000	150(A)
1	Phenol	94	3.354	3.354	(0.923)	1238137	120.000	120(A)
20	bis(2-Chloroethyl)ether	93	3.398	3.398	(0.935)	987020	120.000	120(A)
2	2-Chlorophenol	128	3.436	3.436	(0.945)	664607	120.000	140(A)
113	n-decane	43	3.488	3.488	(0.960)	805794	120.000	110
21	1,3-Dichlorobenzene	146	3.576	3.576	(0.984)	721894	120.000	130(A)
* 79	1,4-Dichlorobenzene-d4	152	3.635	3.635	(1.000)	138304	40.0000	

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							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.650	3.650	(1.004)	796495	120.000	140(A)
	74 Benzyl Alcohol	108	3.820	3.820	(1.051)	451956	120.000	140(A)
	23 1,2-Dichlorobenzene	146	3.805	3.805	(1.047)	773339	120.000	130(A)
	24 bis (2-chloroisopropyl) ether	45	3.939	3.939	(1.084)	1309828	120.000	120
	3 2-Methylphenol	108	3.954	3.954	(1.088)	641962	120.000	140(A)
	104 Acetophenone	105	4.087	4.087	(1.124)	1153322	120.000	130(A)
	25 N-Nitroso-di-n-propylamine	70	4.102	4.102	(1.128)	783448	120.000	130(AM)
	4 4-Methylphenol	108	4.140	4.140	(1.139)	806783	120.000	120(A)
	123 3 & 4 Methylphenol	108	4.140	4.140	(1.139)	806783	120.000	120(A)
	26 Hexachloroethane	117	4.140	4.140	(1.139)	423567	120.000	140(A)
$	76 Nitrobenzene-d5 (SUR)	82	4.235	4.235	(0.858)	1235220	120.000	120(A)
	27 Nitrobenzene	77	4.257	4.257	(0.862)	1566573	120.000	110
	107 N,N-Dimethylaniline	120	4.257	4.257	(1.171)	1037741	120.000	140(A)
	28 Isophorone	82	4.530	4.530	(0.917)	1819856	120.000	110(A)
	5 2-Nitrophenol	139	4.568	4.568	(0.925)	430568	120.000	140(A)
	6 2,4-Dimethylphenol	122	4.664	4.664	(0.944)	585282	120.000	130(A)
	29 bis(2-Chloroethoxy)methane	93	4.738	4.738	(0.960)	937435	120.000	120
	7 2,4-Dichlorophenol	162	4.835	4.835	(0.979)	794118	120.000	140(A)
	15 Benzoic Acid	122	4.946	4.946	(1.002)	343330	120.000	120(AM)
	30 1,2,4-Trichlorobenzene	180	4.888	4.888	(0.990)	753347	120.000	120(A)
*	80 Naphthalene-d8	136	4.938	4.938	(1.000)	578020	40.0000	
	31 Naphthalene	128	4.961	4.961	(1.005)	1978573	120.000	140(A)
	32 4-Chloroaniline	127	5.041	5.041	(1.021)	708799	120.000	120(A)
	33 Hexachlorobutadiene	225	5.100	5.100	(1.033)	586885	120.000	120(A)
	111 Caprolactam	113	5.542	5.542	(1.122)	129753	120.000	97
	8 4-Chloro-3-methylphenol	107	5.594	5.594	(1.133)	730786	120.000	110
	34 2-Methylnaphthalene	142	5.669	5.669	(1.148)	1378462	120.000	140(A)
	120 1-Methylnaphthalene	142	5.766	5.766	(1.167)	1502636	120.000	140(A)
	35 Hexachlorocyclopentadiene	237	5.825	5.825	(0.870)	572674	120.000	120
	129 1,2,4,5-Tetrachlorobenzene	216	5.847	5.847	(0.873)	1035366	120.000	140(A)
	121 2-tert-Butyl-4-methylphenol	149	5.922	5.922	(1.199)	1088451	120.000	120(A)
	9 2,4,6-Trichlorophenol	196	5.975	5.975	(0.892)	583426	120.000	130(A)
	10 2,4,5-Trichlorophenol	196	6.034	6.034	(0.901)	660175	120.000	140(A)
$	77 2-Fluorobiphenyl (SUR)	172	6.049	6.049	(0.903)	1840652	120.000	140(A)
	102 Diphenyl	154	6.146	6.146	(0.918)	1889756	120.000	120
	36 2-Chloronaphthalene	162	6.154	6.154	(0.919)	1537585	120.000	140(A)
	103 Diphenyl Ether	170	6.251	6.251	(0.934)	1026311	120.000	150(A)
	37 2-Nitroaniline	65	6.287	6.287	(0.939)	611338	120.000	110
	125 1,3-Dimethylnaphthalene	156	6.376	6.376	(0.952)	1156766	120.000	140(A)
	38 Dimethylphthalate	163	6.480	6.480	(0.968)	1652838	120.000	120(A)
	114 Coumarin	146	6.487	6.487	(1.314)	529470	120.000	120
	40 2,6-Dinitrotoluene	165	6.540	6.540	(0.977)	379621	120.000	130(A)
	39 Acenaphthylene	152	6.562	6.562	(0.980)	1935768	120.000	130(A)
	41 3-Nitroaniline	138	6.703	6.703	(1.001)	312557	120.000	120
*	82 Acenaphthene-d10	164	6.696	6.696	(1.000)	373546	40.0000	
	42 Acenaphthene	154	6.740	6.740	(1.007)	1559439	120.000	120
	122 2,6-Di-tert-butyl-p-cresol	205	6.748	6.748	(1.008)	1329508	120.000	130(A)

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		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	11 2,4-Dinitrophenol	184	6.814	6.814	(1.018)	259390	120.000	120
	12 4-Nitrophenol	65	6.918	6.918	(1.033)	481485	120.000	110
	43 Dibenzofuran	168	6.911	6.911	(1.032)	2000571	120.000	130(A)
	44 2,4-Dinitrotoluene	165	6.941	6.941	(1.037)	507666	120.000	120
	130 2,3,4,6-Tetrachlorophenol	232	7.053	7.053	(1.053)	491426	120.000	120(A)
	45 Diethylphthalate	149	7.179	7.179	(1.072)	1685775	120.000	110
	47 Fluorene	166	7.246	7.246	(1.082)	1665731	120.000	130(A)
	46 4-Chlorophenyl-phenylether	204	7.254	7.254	(1.083)	850117	120.000	120(A)
	48 4-Nitroaniline	138	7.336	7.336	(1.096)	248752	120.000	100
	13 4,6-Dinitro-2-methylphenol	198	7.358	7.358	(0.902)	310324	120.000	120(H)
	49 N-Nitrosodiphenylamine	169	7.388	7.388	(0.906)	1001447	120.000	140(A)
	75 1,2-Diphenylhydrazine	77	7.417	7.417	(0.910)	2737697	120.000	140(A)
$	18 2,4,6-Tribromophenol (SUR)	330	7.492	7.492	(1.119)	355189	120.000	120(A)
	50 4-Bromophenyl-phenylether	248	7.728	7.728	(0.948)	528224	120.000	140(A)
	51 Hexachlorobenzene	284	7.793	7.793	(0.956)	587015	120.000	130(A)
	112 Atrazine	200	7.941	7.941	(0.974)	394726	120.000	120(A)
	14 Pentachlorophenol	266	7.992	7.992	(0.980)	391642	120.000	120
	132 Pentachloronitrobenzene	237	8.006	8.006	(0.982)	299300	120.000	120(A)
	115 n-Octadecane	57	8.095	8.095	(0.993)	1243252	120.000	140(A)
*	83 Phenanthrene-d10	188	8.155	8.155	(1.000)	528968	40.0000	
	52 Phenanthrene	178	8.185	8.185	(1.004)	1906479	120.000	130(A)
	53 Anthracene	178	8.236	8.236	(1.010)	1968665	120.000	140(A)
	54 Carbazole	167	8.406	8.406	(1.031)	1687919	120.000	140(A)
	55 Di-n-butylphthalate	149	8.759	8.759	(1.074)	2445758	120.000	120(A)
	56 Fluoranthene	202	9.340	9.340	(1.145)	1905002	120.000	120(A)
	58 Benzidine	184	9.473	9.473	(1.162)	107802	120.000	34
	57 Pyrene	202	9.554	9.554	(0.886)	1921259	120.000	130(A)
$	78 Terphenyl-d14	244	9.723	9.723	(0.902)	1407297	120.000	120(A)
	59 Butylbenzylphthalate	149	10.216	10.216	(0.948)	930364	120.000	120(A)
	124 Carbamazepine	193	10.318	10.318	(0.957)	671719	120.000	130(A)
	60 3,3'-Dichlorobenzidine	252	10.758	10.758	(0.998)	402434	120.000	120(A)
	61 Benzo(a)anthracene	228	10.765	10.765	(0.999)	1582775	120.000	120(A)
*	81 Chrysene-d12	240	10.779	10.779	(1.000)	453672	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.836	10.836	(1.005)	1212050	120.000	120(A)
	62 Chrysene	228	10.814	10.814	(1.003)	1477737	120.000	120(A)
	64 Di-n-octylphthalate	149	11.602	11.602	(0.928)	1781875	120.000	130(A)
	65 Benzo(b)fluoranthene	252	12.040	12.040	(0.963)	1385358	120.000	140(A)
	66 Benzo(k)fluoranthene	252	12.069	12.069	(0.966)	1068796	120.000	110
	67 Benzo(a)pyrene	252	12.439	12.439	(0.995)	978947	120.000	130(A)
*	84 Perylene-d12	264	12.498	12.498	(1.000)	320012	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.886	13.886	(1.111)	994610	120.000	150(AM)
	69 Dibenz(a,h)anthracene	278	13.916	13.916	(1.113)	941206	120.000	120
	70 Benzo(g,h,i)perylene	276	14.225	14.225	(1.138)	1014594	120.000	140(A)

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77815.d
Report Date: 29-Jun-2012 12:46

QC Flag Legend

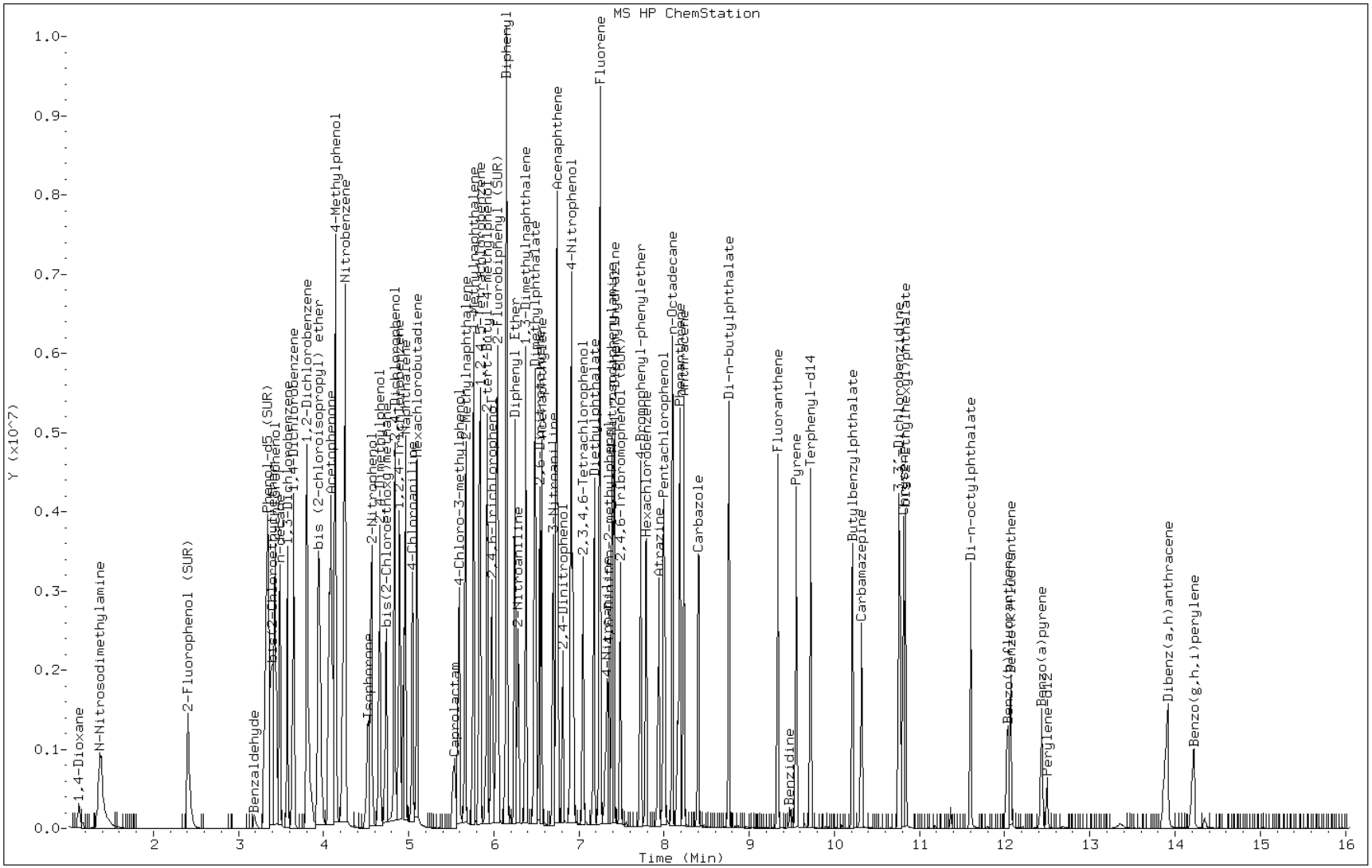
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77815.d

Date: 28-JUN-2012 18:12

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1564257 Operator: BNAMS 4



Manual Integration Report

Data File: u77815.d
Inj. Date and Time: 28-JUN-2012 18:12
Instrument ID: BNAMS4.i
Client ID:
Compound: 73 Aniline
CAS #: 62-53-3
Report Date: 06/29/2012

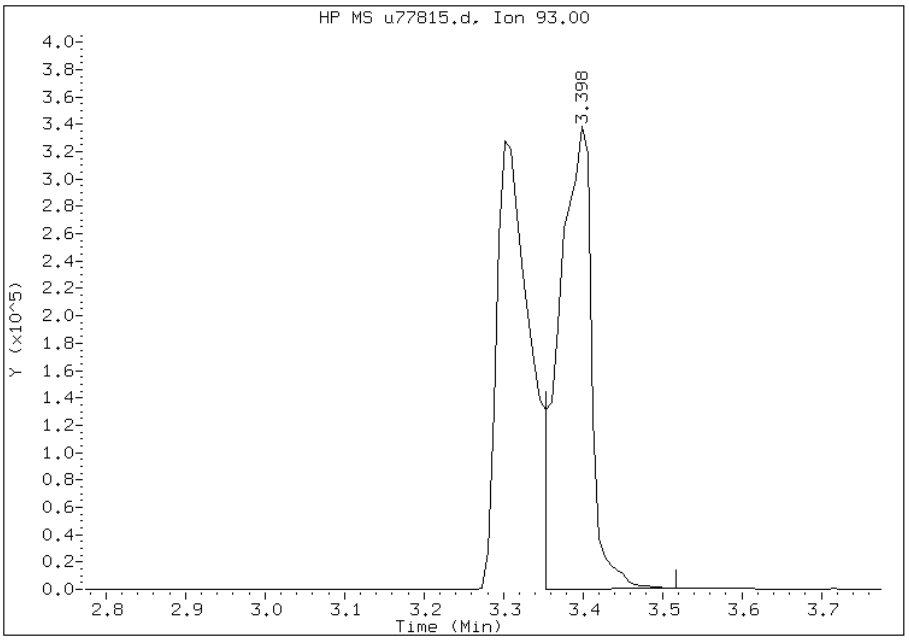
Processing Integration Results

RT: 3.40

Response: 987020

Amount: 118

Conc: 118



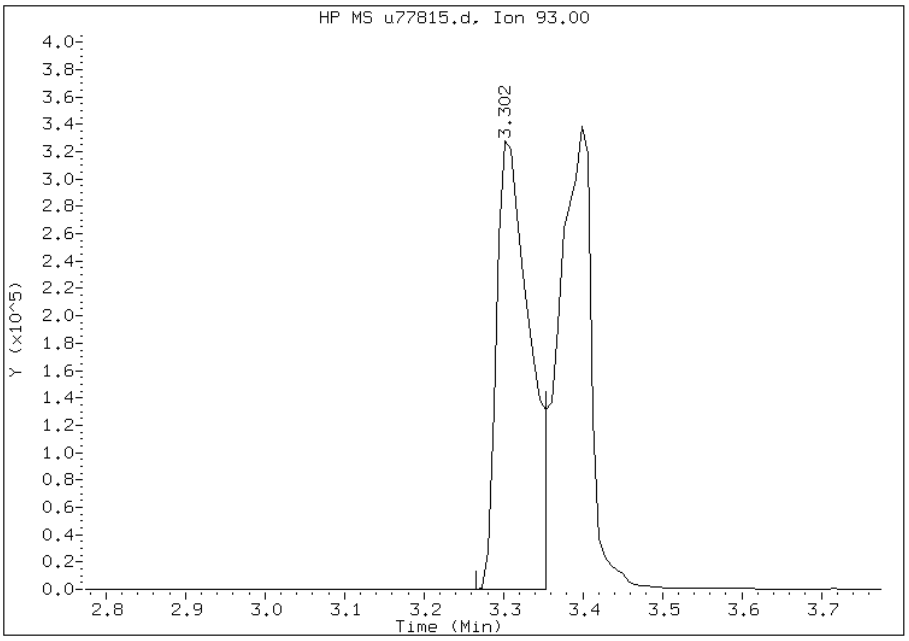
Manual Integration Results

RT: 3.30

Response: 982228

Amount: 119

Conc: 119



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77815.d
Inj. Date and Time: 28-JUN-2012 18:12
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

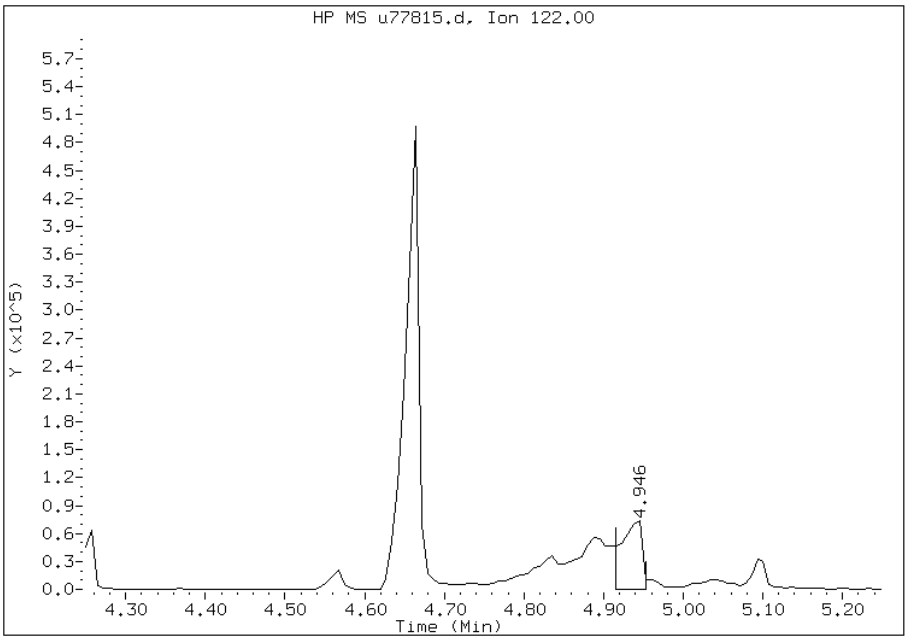
Processing Integration Results

RT: 4.95

Response: 139127

Amount: 98

Conc: 98



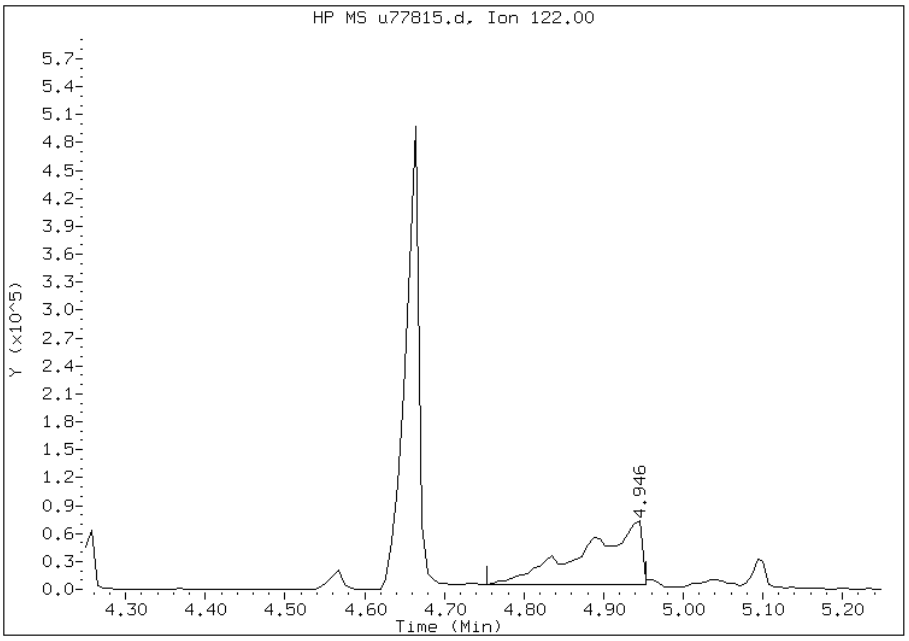
Manual Integration Results

RT: 4.95

Response: 343330

Amount: 120

Conc: 120



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77815.d
Inj. Date and Time: 28-JUN-2012 18:12
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/29/2012

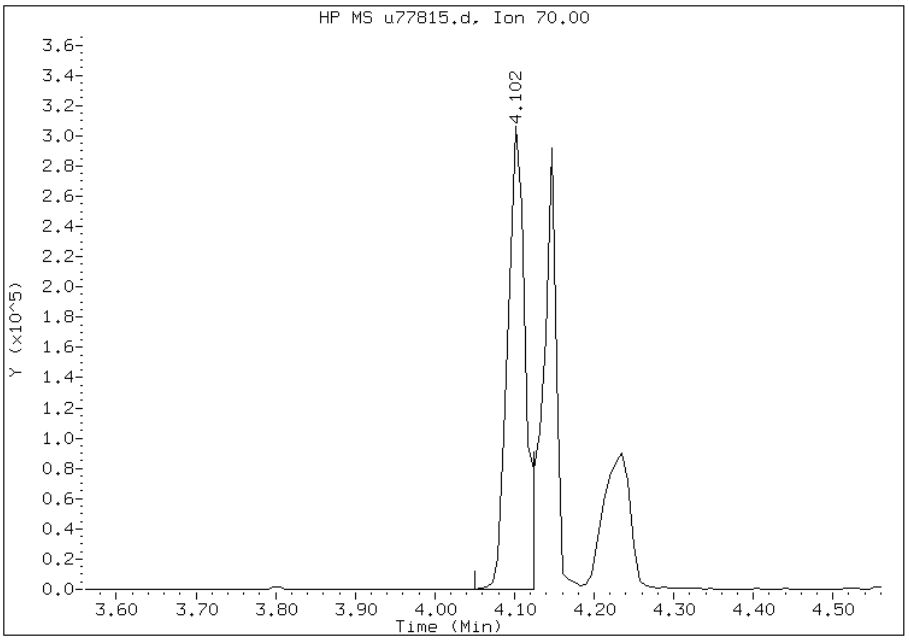
Processing Integration Results

RT: 4.10

Response: 477498

Amount: 84

Conc: 84



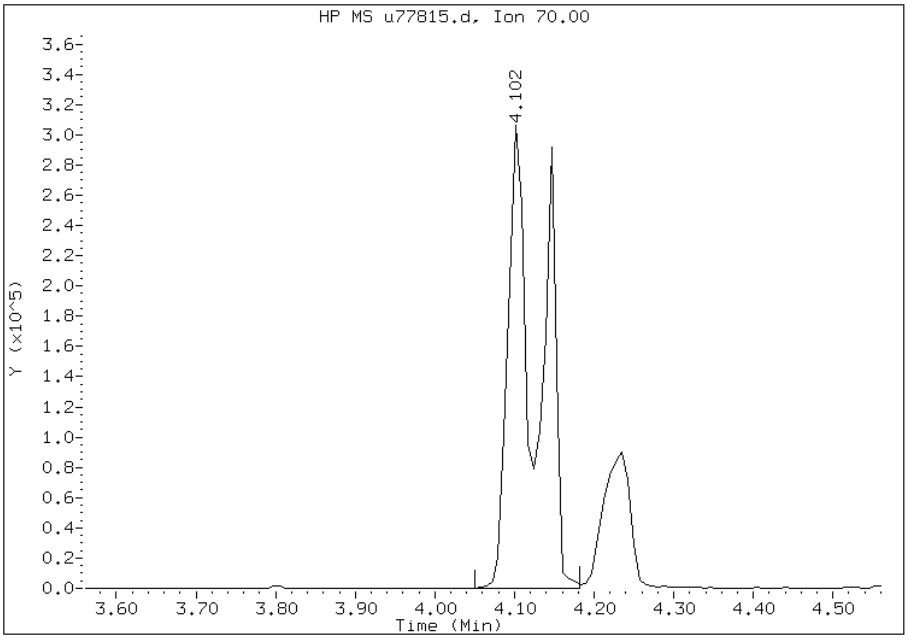
Manual Integration Results

RT: 4.10

Response: 783448

Amount: 128

Conc: 128



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u77815.d
Inj. Date and Time: 28-JUN-2012 18:12
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

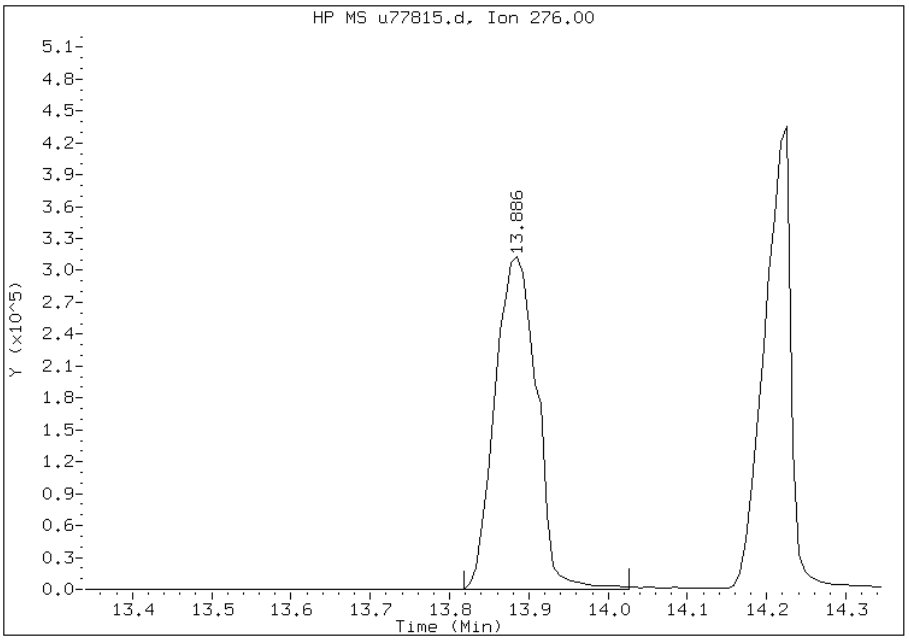
Processing Integration Results

RT: 13.89

Response: 1148515

Amount: 68

Conc: 68



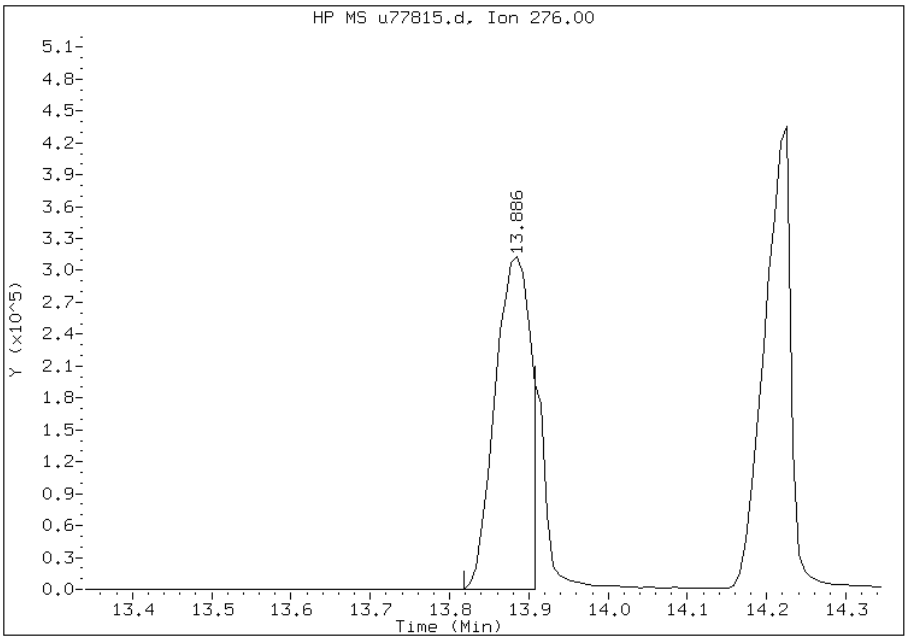
Manual Integration Results

RT: 13.89

Response: 994610

Amount: 151

Conc: 151



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77816.d
Report Date: 29-Jun-2012 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77816.d
Lab Smp Id: IC-1564256
Inj Date : 28-JUN-2012 18:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1564256
Misc Info : 80 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:46 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 18:33 Cal File: u77816.d
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.103	1.103	(0.304)	137538	80.0000	77
	19 N-Nitrosodimethylamine	74	1.321	1.321	(0.364)	276247	80.0000	80
	71 Pyridine	79	1.336	1.336	(0.369)	454594	80.0000	79
$	16 2-Fluorophenol (SUR)	112	2.377	2.377	(0.656)	388350	80.0000	88
	110 Benzaldehyde	77	3.176	3.176	(0.877)	81795	80.0000	28
	73 Aniline	93	3.300	3.300	(0.911)	690363	80.0000	80(AH)
$	17 Phenol-d5 (SUR)	99	3.322	3.322	(0.917)	627044	80.0000	82
	1 Phenol	94	3.337	3.337	(0.921)	676576	80.0000	78
	20 bis(2-Chloroethyl)ether	93	3.382	3.382	(0.933)	509291	80.0000	78
	2 2-Chlorophenol	128	3.427	3.427	(0.946)	397539	80.0000	83
	113 n-decane	43	3.486	3.486	(0.962)	548118	80.0000	75
	21 1,3-Dichlorobenzene	146	3.566	3.566	(0.984)	459145	80.0000	81
*	79 1,4-Dichlorobenzene-d4	152	3.623	3.623	(1.000)	144752	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77816.d
Report Date: 29-Jun-2012 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.645	3.645	(1.006)	490850	80.0000	81
	74 Benzyl Alcohol	108	3.800	3.800	(1.049)	298695	80.0000	87
	23 1,2-Dichlorobenzene	146	3.800	3.800	(1.049)	502359	80.0000	83
	24 bis (2-chloroisopropyl) ether	45	3.933	3.933	(1.085)	904637	80.0000	79
	3 2-Methylphenol	108	3.948	3.948	(1.090)	410890	80.0000	83
	104 Acetophenone	105	4.072	4.072	(1.124)	717819	80.0000	78
	25 N-Nitroso-di-n-propylamine	70	4.094	4.094	(1.130)	498288	80.0000	78(MH)
	4 4-Methylphenol	108	4.117	4.117	(1.136)	419342	80.0000	77
	123 3 & 4 Methylphenol	108	4.117	4.117	(1.136)	419342	80.0000	77
	26 Hexachloroethane	117	4.139	4.139	(1.142)	248843	80.0000	82
$	76 Nitrobenzene-d5 (SUR)	82	4.220	4.220	(0.856)	771403	80.0000	78
	27 Nitrobenzene	77	4.242	4.242	(0.860)	1099829	80.0000	80
	107 N,N-Dimethylaniline	120	4.242	4.242	(1.171)	657552	80.0000	88
	28 Isophorone	82	4.499	4.499	(0.913)	1222971	80.0000	79
	5 2-Nitrophenol	139	4.559	4.559	(0.925)	238992	80.0000	80
	6 2,4-Dimethylphenol	122	4.647	4.647	(0.943)	343133	80.0000	81
	29 bis(2-Chloroethoxy)methane	93	4.729	4.729	(0.959)	630964	80.0000	83
	7 2,4-Dichlorophenol	162	4.826	4.826	(0.979)	464103	80.0000	87
	15 Benzoic Acid	122	4.886	4.886	(0.991)	218880	80.0000	80(M)
	30 1,2,4-Trichlorobenzene	180	4.886	4.886	(0.991)	475847	80.0000	82
*	80 Naphthalene-d8	136	4.931	4.931	(1.000)	558090	40.0000	
	31 Naphthalene	128	4.959	4.959	(1.006)	1301059	80.0000	94
	32 4-Chloroaniline	127	5.033	5.033	(1.021)	458443	80.0000	83
	33 Hexachlorobutadiene	225	5.093	5.093	(1.033)	381141	80.0000	82
	111 Caprolactam	113	5.497	5.497	(1.115)	96499	80.0000	74(H)
	8 4-Chloro-3-methylphenol	107	5.579	5.579	(1.132)	467926	80.0000	73
	34 2-Methylnaphthalene	142	5.661	5.661	(1.148)	842123	80.0000	86
	120 1-Methylnaphthalene	142	5.758	5.758	(1.168)	873875	80.0000	83
	35 Hexachlorocyclopentadiene	237	5.825	5.825	(0.870)	354176	80.0000	80
	129 1,2,4,5-Tetrachlorobenzene	216	5.840	5.840	(0.872)	614685	80.0000	81
	121 2-tert-Butyl-4-methylphenol	149	5.915	5.915	(1.200)	699268	80.0000	82(A)
	9 2,4,6-Trichlorophenol	196	5.968	5.968	(0.891)	352273	80.0000	81
	10 2,4,5-Trichlorophenol	196	6.019	6.019	(0.899)	380332	80.0000	81
$	77 2-Fluorobiphenyl (SUR)	172	6.042	6.042	(0.903)	1055470	80.0000	82
	102 Diphenyl	154	6.138	6.138	(0.917)	1226745	80.0000	81
	36 2-Chloronaphthalene	162	6.146	6.146	(0.918)	949244	80.0000	88
	103 Diphenyl Ether	170	6.241	6.241	(0.932)	600199	80.0000	86
	37 2-Nitroaniline	65	6.279	6.279	(0.938)	442147	80.0000	80
	125 1,3-Dimethylnaphthalene	156	6.368	6.368	(0.951)	692341	80.0000	84
	38 Dimethylphthalate	163	6.471	6.471	(0.967)	1078702	80.0000	80
	114 Coumarin	146	6.479	6.479	(1.314)	347951	80.0000	80
	40 2,6-Dinitrotoluene	165	6.524	6.524	(0.974)	255516	80.0000	86(H)
	39 Acenaphthylene	152	6.553	6.553	(0.979)	1314381	80.0000	86
	41 3-Nitroaniline	138	6.687	6.687	(0.999)	229333	80.0000	85
*	82 Acenaphthene-d10	164	6.695	6.695	(1.000)	373045	40.0000	
	42 Acenaphthene	154	6.732	6.732	(1.006)	899741	80.0000	80
	122 2,6-Di-tert-butyl-p-cresol	205	6.747	6.747	(1.008)	834695	80.0000	81

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Report Date: 29-Jun-2012 12:46

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	11 2,4-Dinitrophenol	184	6.799	6.799	(1.016)	153475	80.0000	79
	12 4-Nitrophenol	65	6.909	6.909	(1.032)	344677	80.0000	80
	43 Dibenzofuran	168	6.902	6.902	(1.031)	1289399	80.0000	84
	44 2,4-Dinitrotoluene	165	6.923	6.923	(1.034)	327496	80.0000	77
	130 2,3,4,6-Tetrachlorophenol	232	7.041	7.041	(1.052)	318409	80.0000	80
	45 Diethylphthalate	149	7.166	7.166	(1.070)	1140643	80.0000	76
	47 Fluorene	166	7.241	7.241	(1.082)	1146062	80.0000	90
	46 4-Chlorophenyl-phenylether	204	7.248	7.248	(1.083)	560601	80.0000	82
	48 4-Nitroaniline	138	7.308	7.308	(1.092)	168792	80.0000	72
	13 4,6-Dinitro-2-methylphenol	198	7.338	7.338	(0.901)	215338	80.0000	81
	49 N-Nitrosodiphenylamine	169	7.375	7.375	(0.905)	642981	80.0000	88
	75 1,2-Diphenylhydrazine	77	7.405	7.405	(0.909)	1854947	80.0000	91
$	18 2,4,6-Tribromophenol (SUR)	330	7.479	7.479	(1.117)	207732	80.0000	72
	50 4-Bromophenyl-phenylether	248	7.721	7.721	(0.948)	330137	80.0000	83
	51 Hexachlorobenzene	284	7.781	7.781	(0.955)	417026	80.0000	86
	112 Atrazine	200	7.929	7.929	(0.973)	265753	80.0000	80
	14 Pentachlorophenol	266	7.987	7.987	(0.980)	257627	80.0000	81
	132 Pentachloronitrobenzene	237	8.001	8.001	(0.982)	207428	80.0000	82
	115 n-Octadecane	57	8.095	8.095	(0.994)	786914	80.0000	86
*	83 Phenanthrene-d10	188	8.146	8.146	(1.000)	557622	40.0000	
	52 Phenanthrene	178	8.175	8.175	(1.003)	1313701	80.0000	86
	53 Anthracene	178	8.227	8.227	(1.010)	1282307	80.0000	85
	54 Carbazole	167	8.397	8.397	(1.031)	1066560	80.0000	82
	55 Di-n-butylphthalate	149	8.756	8.756	(1.075)	1723565	80.0000	83
	56 Fluoranthene	202	9.336	9.336	(1.146)	1371891	80.0000	85
	58 Benzidine	184	9.477	9.477	(1.163)	83645	80.0000	25
	57 Pyrene	202	9.549	9.549	(0.887)	1232691	80.0000	77
$	78 Terphenyl-d14	244	9.719	9.719	(0.902)	978925	80.0000	77
	59 Butylbenzylphthalate	149	10.210	10.210	(0.948)	639743	80.0000	77
	124 Carbamazepine	193	10.314	10.314	(0.958)	435094	80.0000	76
	60 3,3'-Dichlorobenzidine	252	10.747	10.747	(0.998)	288296	80.0000	73
	61 Benzo(a)anthracene	228	10.761	10.761	(0.999)	1097620	80.0000	76
*	81 Chrysene-d12	240	10.768	10.768	(1.000)	499115	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.827	10.827	(1.005)	824395	80.0000	78
	62 Chrysene	228	10.805	10.805	(1.003)	987048	80.0000	76
	64 Di-n-octylphthalate	149	11.593	11.593	(0.928)	1238657	80.0000	84
	65 Benzo(b)fluoranthene	252	12.027	12.027	(0.963)	850910	80.0000	84
	66 Benzo(k)fluoranthene	252	12.056	12.056	(0.965)	813623	80.0000	79
	67 Benzo(a)pyrene	252	12.425	12.425	(0.995)	643339	80.0000	80
*	84 Perylene-d12	264	12.492	12.492	(1.000)	334365	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.869	13.869	(1.110)	634152	80.0000	92(M)
	69 Dibenz(a,h)anthracene	278	13.897	13.897	(1.113)	581227	80.0000	80
	70 Benzo(g,h,i)perylene	276	14.206	14.206	(1.137)	615372	80.0000	85

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Report Date: 29-Jun-2012 12:46

QC Flag Legend

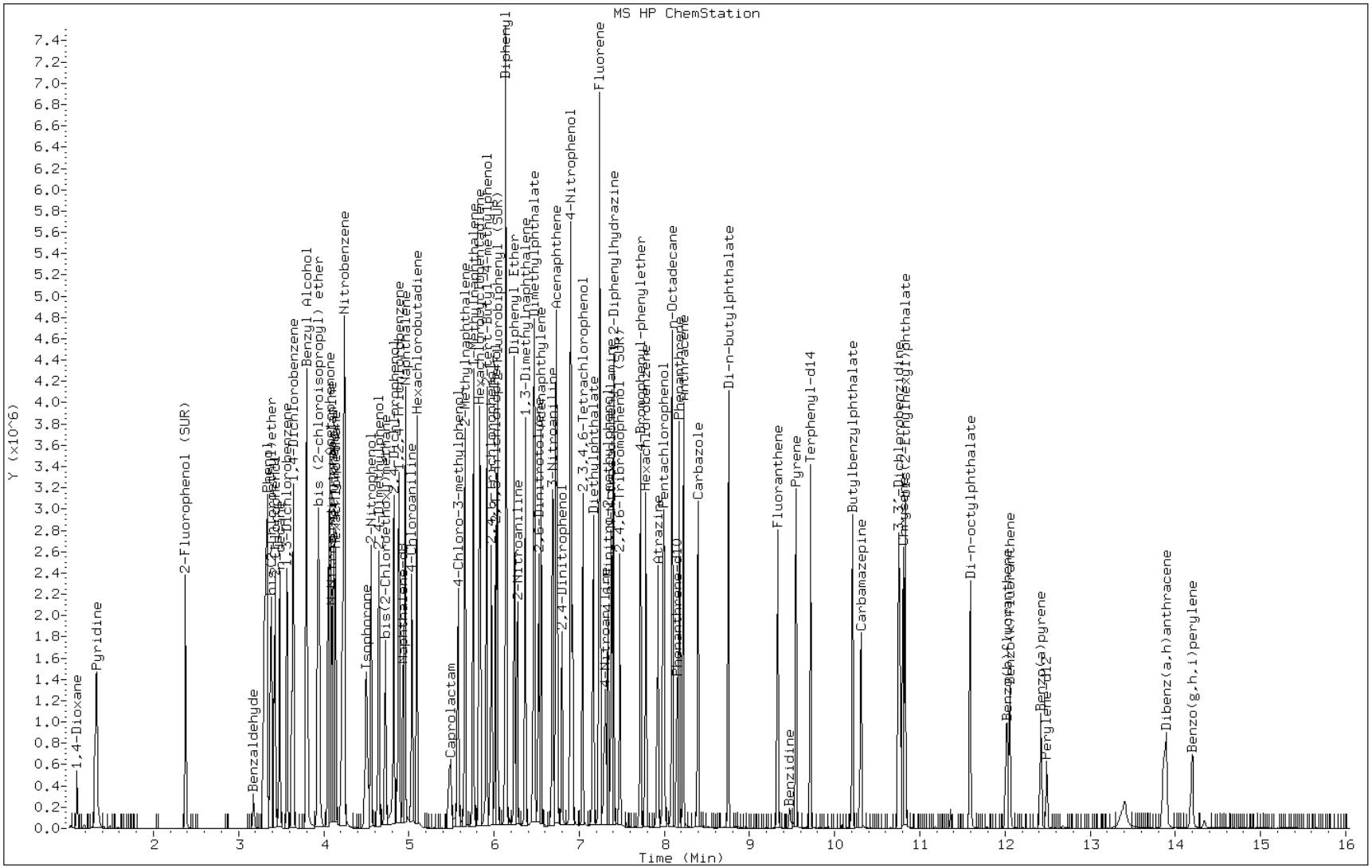
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77816.d

Date: 28-JUN-2012 18:33

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1564256 Operator: BNAMS 4



Manual Integration Report

Data File: u77816.d
Inj. Date and Time: 28-JUN-2012 18:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/29/2012

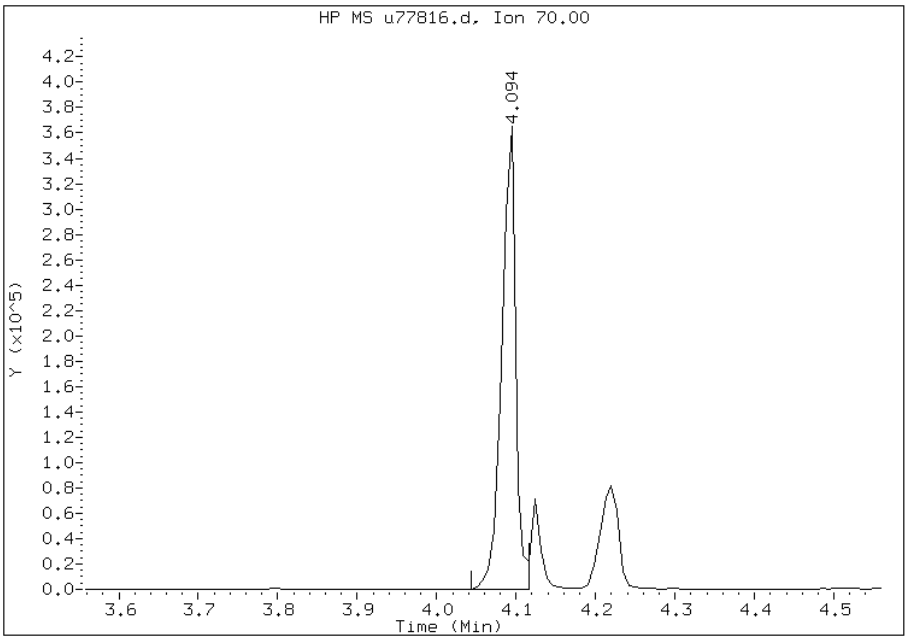
Processing Integration Results

RT: 4.09

Response: 445458

Amount: 70

Conc: 70



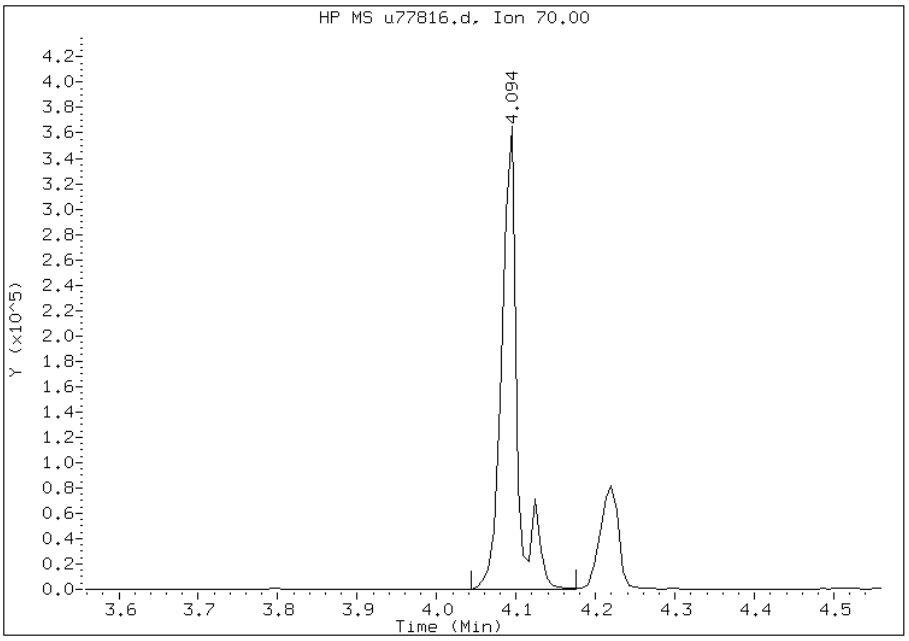
Manual Integration Results

RT: 4.09

Response: 498288

Amount: 78

Conc: 78



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u77816.d
Inj. Date and Time: 28-JUN-2012 18:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

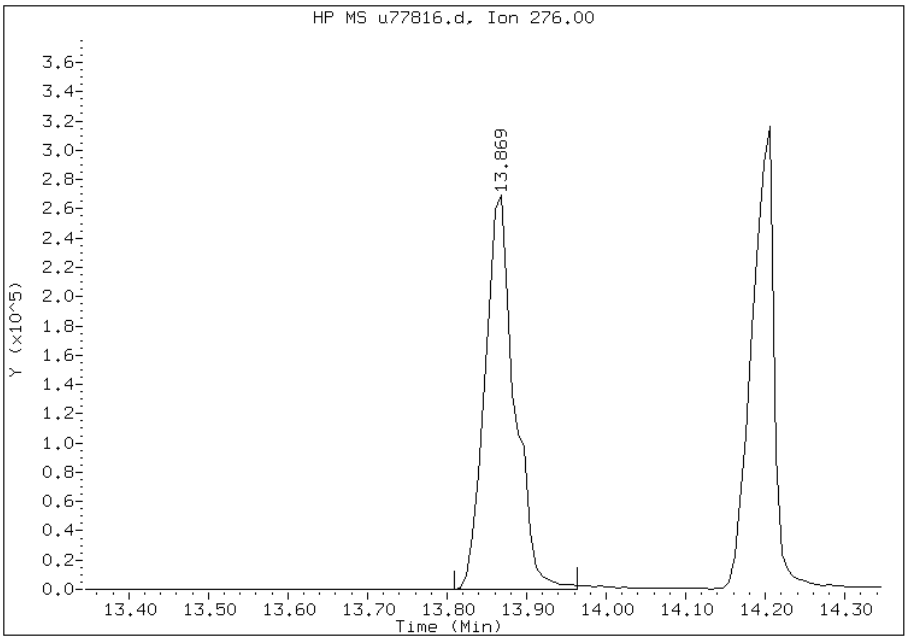
Processing Integration Results

RT: 13.87

Response: 717842

Amount: 41

Conc: 41



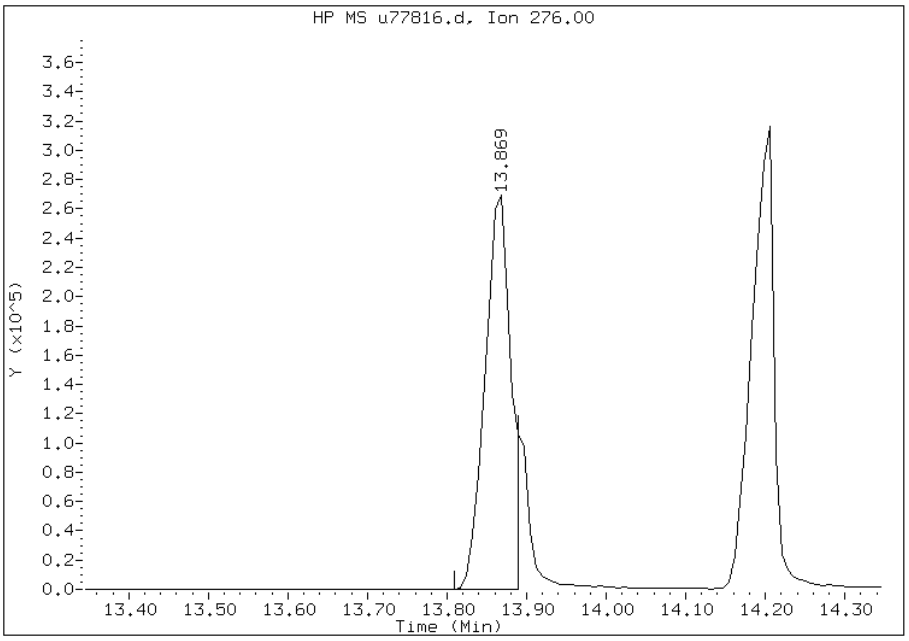
Manual Integration Results

RT: 13.87

Response: 634152

Amount: 92

Conc: 92



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77816.d
Inj. Date and Time: 28-JUN-2012 18:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

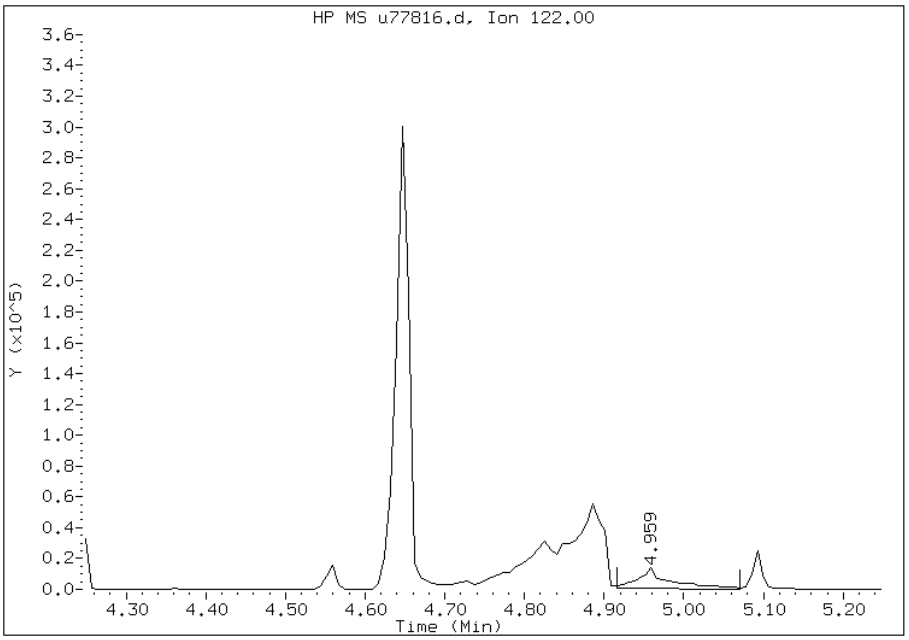
Processing Integration Results

RT: 4.96

Response: 40189

Amount: 23

Conc: 23



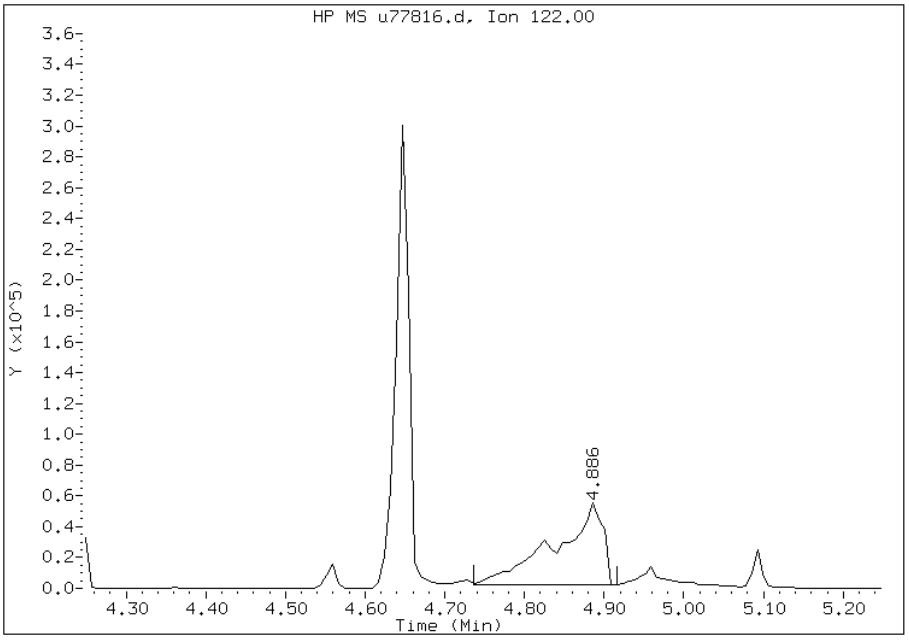
Manual Integration Results

RT: 4.89

Response: 218880

Amount: 80

Conc: 80



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77817.d
Report Date: 29-Jun-2012 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77817.d
Lab Smp Id: IC-1564212
Inj Date : 28-JUN-2012 18:53
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1564212
Misc Info : 20 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:46 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 18:53 Cal File: u77817.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.082	1.082	(0.299)	31661	20.0000	21
	19 N-Nitrosodimethylamine	74	1.279	1.279	(0.353)	58176	20.0000	20
	71 Pyridine	79	1.301	1.301	(0.359)	96590	20.0000	20
$	16 2-Fluorophenol (SUR)	112	2.363	2.363	(0.653)	71730	20.0000	19
	110 Benzaldehyde	77	3.168	3.168	(0.875)	48857	20.0000	20
	73 Aniline	93	3.285	3.285	(0.908)	146193	20.0000	20(H)
$	17 Phenol-d5 (SUR)	99	3.293	3.293	(0.910)	128159	20.0000	20
	1 Phenol	94	3.299	3.299	(0.912)	142822	20.0000	22(H)
	20 bis(2-Chloroethyl)ether	93	3.359	3.359	(0.928)	105295	20.0000	22
	2 2-Chlorophenol	128	3.411	3.411	(0.943)	77153	20.0000	19
	113 n-decane	43	3.478	3.478	(0.961)	134658	20.0000	22
	21 1,3-Dichlorobenzene	146	3.559	3.559	(0.984)	93325	20.0000	19
*	79 1,4-Dichlorobenzene-d4	152	3.619	3.619	(1.000)	123455	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77817.d
Report Date: 29-Jun-2012 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.634	3.634	(1.004)	92150	20.0000	18
	74 Benzyl Alcohol	108	3.782	3.782	(1.045)	55869	20.0000	19
	23 1,2-Dichlorobenzene	146	3.789	3.789	(1.047)	97748	20.0000	19
	24 bis (2-chloroisopropyl) ether	45	3.922	3.922	(1.084)	196106	20.0000	20
	3 2-Methylphenol	108	3.922	3.922	(1.084)	87810	20.0000	21
	104 Acetophenone	105	4.047	4.047	(1.118)	153210	20.0000	20
	25 N-Nitroso-di-n-propylamine	70	4.062	4.062	(1.123)	112293	20.0000	20
	4 4-Methylphenol	108	4.091	4.091	(1.131)	95554	20.0000	24
	123 3 & 4 Methylphenol	108	4.091	4.091	(1.131)	95554	20.0000	24
	26 Hexachloroethane	117	4.128	4.128	(1.141)	50779	20.0000	20
$	76 Nitrobenzene-d5 (SUR)	82	4.201	4.201	(0.853)	175727	20.0000	21(H)
	27 Nitrobenzene	77	4.216	4.216	(0.856)	240293	20.0000	20
	107 N,N-Dimethylaniline	120	4.224	4.224	(1.167)	120090	20.0000	19
	28 Isophorone	82	4.466	4.466	(0.906)	278191	20.0000	21
	5 2-Nitrophenol	139	4.547	4.547	(0.923)	51875	20.0000	20
	6 2,4-Dimethylphenol	122	4.627	4.627	(0.939)	69325	20.0000	19
	29 bis(2-Chloroethoxy)methane	93	4.714	4.714	(0.957)	128232	20.0000	20
	7 2,4-Dichlorophenol	162	4.810	4.810	(0.976)	88457	20.0000	19
	15 Benzoic Acid	122	4.802	4.802	(0.975)	51751	20.0000	23(MH)
	30 1,2,4-Trichlorobenzene	180	4.876	4.876	(0.990)	97755	20.0000	20
*	80 Naphthalene-d8	136	4.927	4.927	(1.000)	475070	40.0000	
	31 Naphthalene	128	4.942	4.942	(1.003)	218857	20.0000	18
	32 4-Chloroaniline	127	5.023	5.023	(1.019)	93091	20.0000	20
	33 Hexachlorobutadiene	225	5.090	5.090	(1.033)	79936	20.0000	20
	111 Caprolactam	113	5.399	5.399	(1.096)	25078	20.0000	23(H)
	8 4-Chloro-3-methylphenol	107	5.562	5.562	(1.129)	115845	20.0000	21
	34 2-Methylnaphthalene	142	5.649	5.649	(1.146)	166866	20.0000	20
	120 1-Methylnaphthalene	142	5.750	5.750	(1.167)	177208	20.0000	20
	35 Hexachlorocyclopentadiene	237	5.815	5.815	(0.870)	58428	20.0000	16
	129 1,2,4,5-Tetrachlorobenzene	216	5.823	5.823	(0.871)	134300	20.0000	20
	121 2-tert-Butyl-4-methylphenol	149	5.897	5.897	(1.197)	155426	20.0000	21
	9 2,4,6-Trichlorophenol	196	5.956	5.956	(0.891)	79110	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.000	6.000	(0.898)	81500	20.0000	19
$	77 2-Fluorobiphenyl (SUR)	172	6.030	6.030	(0.902)	217956	20.0000	19
	102 Diphenyl	154	6.127	6.127	(0.916)	211200	20.0000	16
	36 2-Chloronaphthalene	162	6.134	6.134	(0.918)	180784	20.0000	19
	103 Diphenyl Ether	170	6.229	6.229	(0.932)	117028	20.0000	19
	37 2-Nitroaniline	65	6.259	6.259	(0.936)	99358	20.0000	20
	125 1,3-Dimethylnaphthalene	156	6.360	6.360	(0.951)	143891	20.0000	20
	38 Dimethylphthalate	163	6.449	6.449	(0.965)	239117	20.0000	20
	114 Coumarin	146	6.457	6.457	(1.310)	80525	20.0000	22
	40 2,6-Dinitrotoluene	165	6.508	6.508	(0.974)	55918	20.0000	21
	39 Acenaphthylene	152	6.538	6.538	(0.978)	259964	20.0000	19
	41 3-Nitroaniline	138	6.670	6.670	(0.998)	48240	20.0000	20
*	82 Acenaphthene-d10	164	6.685	6.685	(1.000)	332236	40.0000	
	42 Acenaphthene	154	6.715	6.715	(1.004)	161291	20.0000	18
	122 2,6-Di-tert-butyl-p-cresol	205	6.738	6.738	(1.008)	191595	20.0000	21

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77817.d
Report Date: 29-Jun-2012 12:46

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.782	6.782	(1.014)	47997	30.0000	30
	12 4-Nitrophenol	65	6.886	6.886	(1.030)	119255	30.0000	31
	43 Dibenzofuran	168	6.886	6.886	(1.030)	261497	20.0000	19
	44 2,4-Dinitrotoluene	165	6.908	6.908	(1.033)	79214	20.0000	21
	130 2,3,4,6-Tetrachlorophenol	232	7.025	7.025	(1.051)	75701	20.0000	21
	45 Diethylphthalate	149	7.149	7.149	(1.069)	268437	20.0000	20
	47 Fluorene	166	7.221	7.221	(1.080)	221106	20.0000	20
	46 4-Chlorophenyl-phenylether	204	7.236	7.236	(1.082)	118912	20.0000	19
	48 4-Nitroaniline	138	7.274	7.274	(1.088)	45687	20.0000	22(H)
	13 4,6-Dinitro-2-methylphenol	198	7.311	7.311	(0.898)	72324	30.0000	26
	49 N-Nitrosodiphenylamine	169	7.363	7.363	(0.904)	149623	20.0000	18
	75 1,2-Diphenylhydrazine	77	7.393	7.393	(0.908)	417364	20.0000	18
$	18 2,4,6-Tribromophenol (SUR)	330	7.467	7.467	(1.117)	53676	20.0000	21
	50 4-Bromophenyl-phenylether	248	7.708	7.708	(0.947)	79080	20.0000	18
	51 Hexachlorobenzene	284	7.768	7.768	(0.954)	101639	20.0000	19
	112 Atrazine	200	7.907	7.907	(0.971)	71587	20.0000	20
	14 Pentachlorophenol	266	7.974	7.974	(0.979)	77772	30.0000	24
	132 Pentachloronitrobenzene	237	7.989	7.989	(0.981)	52068	20.0000	19
	115 n-Octadecane	57	8.084	8.084	(0.993)	191178	20.0000	19
*	83 Phenanthrene-d10	188	8.144	8.144	(1.000)	617555	40.0000	
	52 Phenanthrene	178	8.166	8.166	(1.003)	291188	20.0000	17
	53 Anthracene	178	8.209	8.209	(1.008)	301878	20.0000	18
	54 Carbazole	167	8.378	8.378	(1.029)	268329	20.0000	18
	55 Di-n-butylphthalate	149	8.747	8.747	(1.074)	431357	20.0000	19
	56 Fluoranthene	202	9.324	9.324	(1.145)	339669	20.0000	19
	58 Benzidine	184	9.471	9.471	(1.163)	124780	30.0000	34
	57 Pyrene	202	9.538	9.538	(0.886)	323264	20.0000	19
$	78 Terphenyl-d14	244	9.707	9.707	(0.902)	282018	20.0000	21
	59 Butylbenzylphthalate	149	10.198	10.198	(0.947)	171456	20.0000	19
	124 Carbamazepine	193	10.294	10.294	(0.956)	132108	20.0000	22
	60 3,3'-Dichlorobenzidine	252	10.738	10.738	(0.997)	159184	30.0000	34
	61 Benzo(a)anthracene	228	10.745	10.745	(0.998)	295665	20.0000	19
*	81 Chrysene-d12	240	10.766	10.766	(1.000)	532979	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.824	10.824	(1.005)	217231	20.0000	19
	62 Chrysene	228	10.788	10.788	(1.002)	293601	20.0000	21
	64 Di-n-octylphthalate	149	11.587	11.587	(0.928)	331020	20.0000	19
	65 Benzo(b)fluoranthene	252	12.005	12.005	(0.961)	247723	20.0000	20(H)
	66 Benzo(k)fluoranthene	252	12.042	12.042	(0.964)	243907	20.0000	20
	67 Benzo(a)pyrene	252	12.410	12.410	(0.994)	173230	20.0000	18
*	84 Perylene-d12	264	12.490	12.490	(1.000)	398202	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.847	13.847	(1.109)	139700	20.0000	17(M)
	69 Dibenz(a,h)anthracene	278	13.869	13.869	(1.110)	144231	20.0000	19
	70 Benzo(g,h,i)perylene	276	14.176	14.176	(1.135)	157538	20.0000	18

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77817.d
Report Date: 29-Jun-2012 12:47

QC Flag Legend

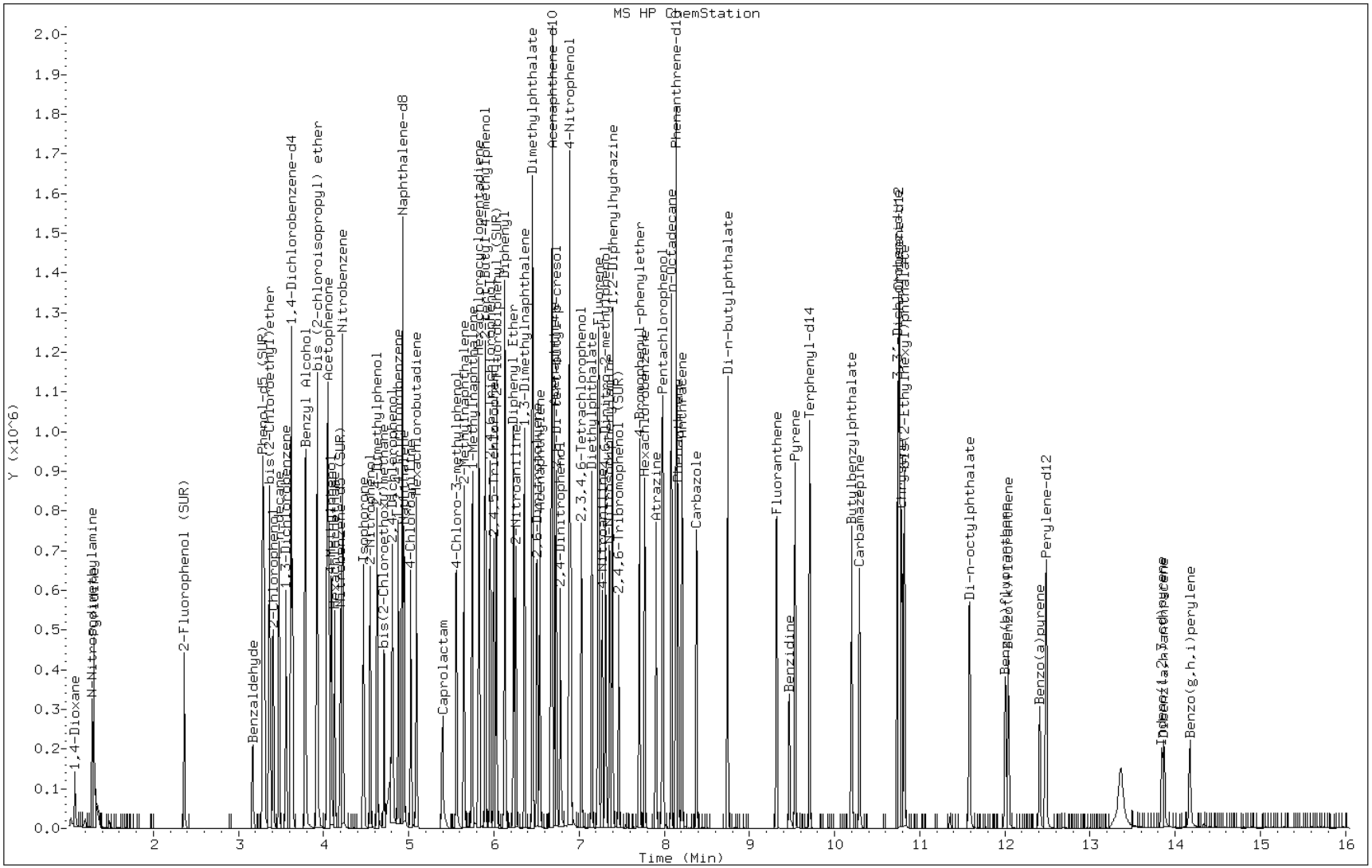
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77817.d

Date: 28-JUN-2012 18:53

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1564212 Operator: BNAMS 4



Manual Integration Report

Data File: u77817.d
Inj. Date and Time: 28-JUN-2012 18:53
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

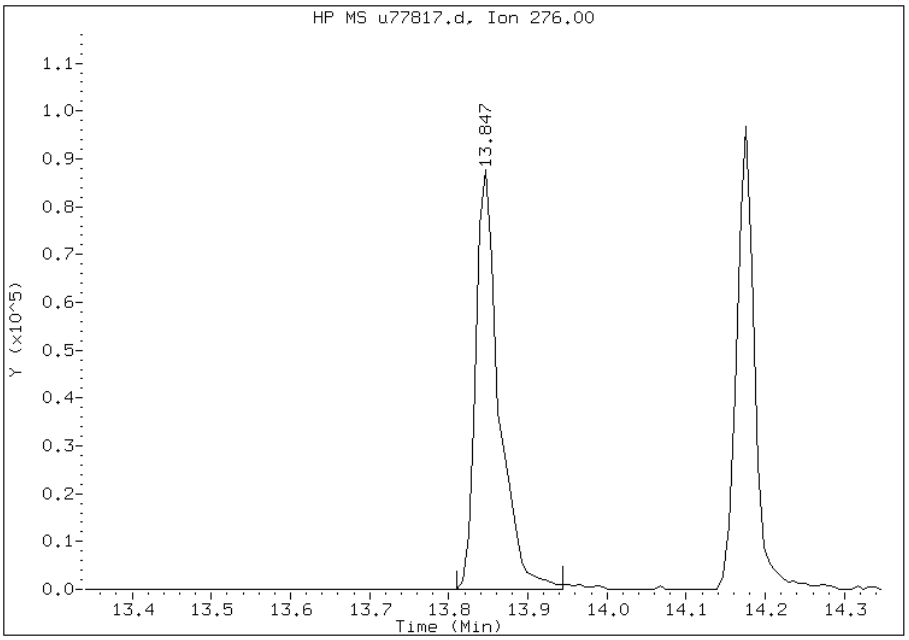
Processing Integration Results

RT: 13.85

Response: 178757

Amount: 9

Conc: 9



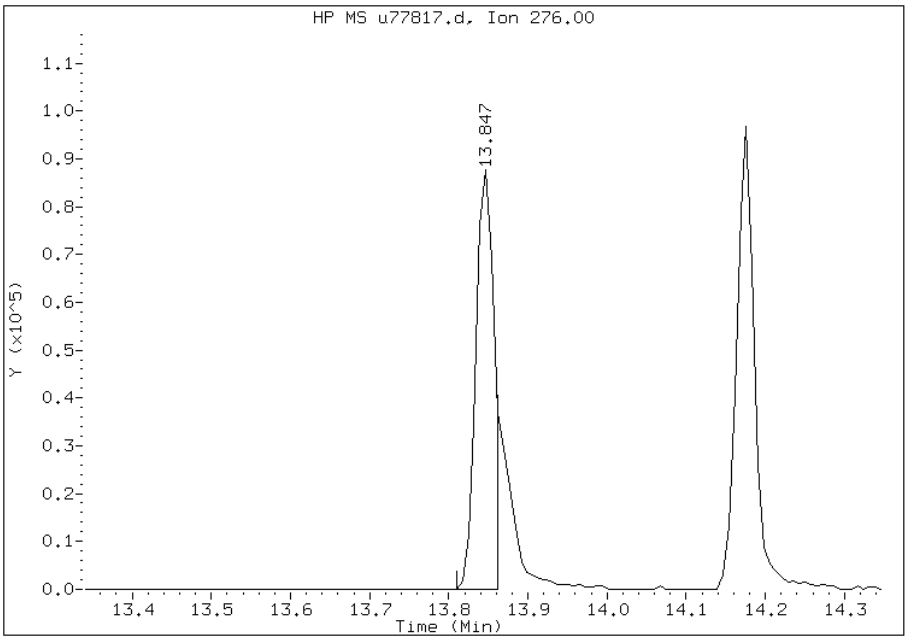
Manual Integration Results

RT: 13.85

Response: 139700

Amount: 17

Conc: 17



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77817.d
Inj. Date and Time: 28-JUN-2012 18:53
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

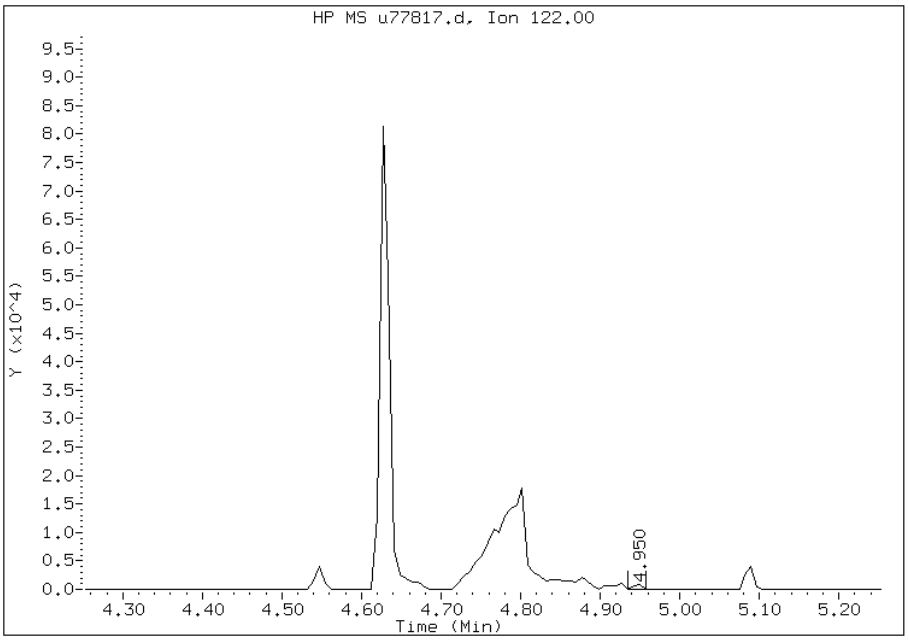
Processing Integration Results

RT: 4.95

Response: 717

Amount: 0

Conc: 0



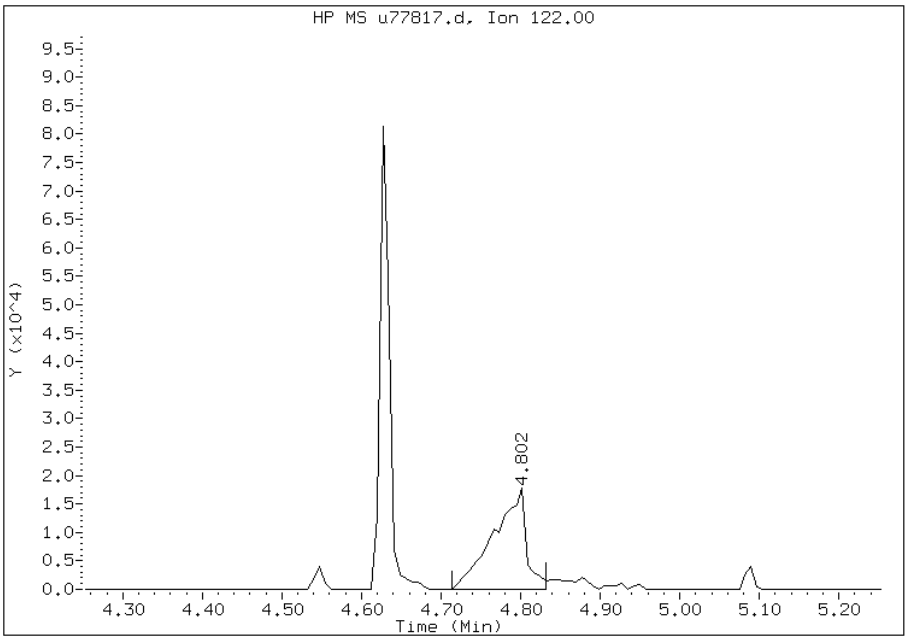
Manual Integration Results

RT: 4.80

Response: 51751

Amount: 23

Conc: 23



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77818.d
Report Date: 29-Jun-2012 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77818.d
Lab Smp Id: IC-1564209
Inj Date : 28-JUN-2012 19:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1564209
Misc Info : 10 ppm bna 4672
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:47 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:13 Cal File: u77818.d
Als bottle: 5 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.083	1.083	(0.299)	15353	10.0000	10
	19 N-Nitrosodimethylamine	74	1.281	1.281	(0.354)	31095	10.0000	10
	71 Pyridine	79	1.303	1.303	(0.360)	49990	10.0000	10
$	16 2-Fluorophenol (SUR)	112	2.364	2.364	(0.653)	33106	10.0000	8.8
	110 Benzaldehyde	77	3.164	3.164	(0.874)	33745	10.0000	14
	73 Aniline	93	3.281	3.281	(0.907)	72270	10.0000	9.8(H)
$	17 Phenol-d5 (SUR)	99	3.289	3.289	(0.909)	57480	10.0000	8.8
	1 Phenol	94	3.296	3.296	(0.911)	65276	10.0000	10(H)
	20 bis(2-Chloroethyl)ether	93	3.355	3.355	(0.927)	54970	10.0000	12
	2 2-Chlorophenol	128	3.407	3.407	(0.942)	39461	10.0000	9.6
	113 n-decane	43	3.479	3.479	(0.962)	64160	10.0000	10
	21 1,3-Dichlorobenzene	146	3.560	3.560	(0.984)	45965	10.0000	9.5
*	79 1,4-Dichlorobenzene-d4	152	3.618	3.618	(1.000)	123394	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77818.d
Report Date: 29-Jun-2012 12:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.633	3.633	(1.004)	50703	10.0000	9.8
	74 Benzyl Alcohol	108	3.781	3.781	(1.045)	29052	10.0000	9.9
	23 1,2-Dichlorobenzene	146	3.788	3.788	(1.047)	49995	10.0000	9.7
	24 bis (2-chloroisopropyl) ether	45	3.920	3.920	(1.083)	99029	10.0000	10
	3 2-Methylphenol	108	3.920	3.920	(1.083)	39098	10.0000	9.3
	104 Acetophenone	105	4.044	4.044	(1.118)	81064	10.0000	10
	25 N-Nitroso-di-n-propylamine	70	4.059	4.059	(1.122)	57428	10.0000	10
	4 4-Methylphenol	108	4.081	4.081	(1.128)	43330	10.0000	11
	123 3 & 4 Methylphenol	108	4.081	4.081	(1.128)	43330	10.0000	11
	26 Hexachloroethane	117	4.126	4.126	(1.140)	26401	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	4.192	4.192	(0.851)	85560	10.0000	9.7(H)
	27 Nitrobenzene	77	4.213	4.213	(0.856)	121994	10.0000	9.9
	107 N,N-Dimethylaniline	120	4.220	4.220	(1.166)	56705	10.0000	8.9
	28 Isophorone	82	4.461	4.461	(0.906)	137086	10.0000	9.9
	5 2-Nitrophenol	139	4.549	4.549	(0.924)	24120	10.0000	9.1
	6 2,4-Dimethylphenol	122	4.629	4.629	(0.940)	34751	10.0000	9.2
	29 bis(2-Chloroethoxy)methane	93	4.710	4.710	(0.956)	66835	10.0000	9.8
	7 2,4-Dichlorophenol	162	4.806	4.806	(0.976)	41005	10.0000	8.6
	15 Benzoic Acid	122	4.769	4.769	(0.969)	18509	10.0000	7.8(M)
	30 1,2,4-Trichlorobenzene	180	4.879	4.879	(0.991)	50075	10.0000	9.7
*	80 Naphthalene-d8	136	4.924	4.924	(1.000)	497281	40.0000	
	31 Naphthalene	128	4.946	4.946	(1.005)	107248	10.0000	8.6
	32 4-Chloroaniline	127	5.020	5.020	(1.019)	46481	10.0000	9.4
	33 Hexachlorobutadiene	225	5.087	5.087	(1.033)	39223	10.0000	9.5
	111 Caprolactam	113	5.373	5.373	(1.091)	12286	10.0000	11(H)
	8 4-Chloro-3-methylphenol	107	5.551	5.551	(1.127)	56692	10.0000	9.9
	34 2-Methylnaphthalene	142	5.652	5.652	(1.148)	78947	10.0000	9.0
	120 1-Methylnaphthalene	142	5.748	5.748	(1.167)	82856	10.0000	8.8(a)
	35 Hexachlorocyclopentadiene	237	5.814	5.814	(0.870)	23618	10.0000	6.1
	129 1,2,4,5-Tetrachlorobenzene	216	5.822	5.822	(0.871)	65379	10.0000	8.7
	121 2-tert-Butyl-4-methylphenol	149	5.895	5.895	(1.197)	70369	10.0000	9.3
	9 2,4,6-Trichlorophenol	196	5.954	5.954	(0.891)	39592	10.0000	9.2
	10 2,4,5-Trichlorophenol	196	5.998	5.998	(0.897)	40694	10.0000	8.8
$	77 2-Fluorobiphenyl (SUR)	172	6.027	6.027	(0.902)	109856	10.0000	8.7
	102 Diphenyl	154	6.124	6.124	(0.916)	108364	10.0000	7.7
	36 2-Chloronaphthalene	162	6.131	6.131	(0.917)	90204	10.0000	8.5
	103 Diphenyl Ether	170	6.233	6.233	(0.933)	61559	10.0000	8.9
	37 2-Nitroaniline	65	6.256	6.256	(0.936)	54484	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.359	6.359	(0.951)	67324	10.0000	8.3
	38 Dimethylphthalate	163	6.448	6.448	(0.965)	126704	10.0000	9.5
	114 Coumarin	146	6.448	6.448	(1.310)	37145	10.0000	9.6
	40 2,6-Dinitrotoluene	165	6.500	6.500	(0.972)	28355	10.0000	9.7
	39 Acenaphthylene	152	6.537	6.537	(0.978)	134885	10.0000	9.0
	41 3-Nitroaniline	138	6.662	6.662	(0.997)	24332	10.0000	9.2(a)
*	82 Acenaphthene-d10	164	6.684	6.684	(1.000)	366946	40.0000	
	42 Acenaphthene	154	6.713	6.713	(1.004)	80866	10.0000	8.5
	122 2,6-Di-tert-butyl-p-cresol	205	6.735	6.735	(1.008)	90009	10.0000	8.9

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77818.d
Report Date: 29-Jun-2012 12:47

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.780	6.780	(1.014)	28577	20.0000	17
	12 4-Nitrophenol	65	6.882	6.882	(1.030)	84136	20.0000	20
	43 Dibenzofuran	168	6.882	6.882	(1.030)	138700	10.0000	9.2
	44 2,4-Dinitrotoluene	165	6.904	6.904	(1.033)	40575	10.0000	9.7
	130 2,3,4,6-Tetrachlorophenol	232	7.023	7.023	(1.051)	35159	10.0000	9.0
	45 Diethylphthalate	149	7.148	7.148	(1.069)	152061	10.0000	10
	47 Fluorene	166	7.220	7.220	(1.080)	110536	10.0000	8.8
	46 4-Chlorophenyl-phenylether	204	7.235	7.235	(1.082)	63442	10.0000	9.4
	48 4-Nitroaniline	138	7.264	7.264	(1.087)	23546	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.308	7.308	(0.898)	46985	20.0000	17
	49 N-Nitrosodiphenylamine	169	7.353	7.353	(0.903)	72065	10.0000	8.7
	75 1,2-Diphenylhydrazine	77	7.390	7.390	(0.908)	213742	10.0000	9.3
$	18 2,4,6-Tribromophenol (SUR)	330	7.463	7.463	(1.117)	27043	10.0000	9.6
	50 4-Bromophenyl-phenylether	248	7.705	7.705	(0.947)	40771	10.0000	9.1
	51 Hexachlorobenzene	284	7.770	7.770	(0.955)	50122	10.0000	9.2
	112 Atrazine	200	7.904	7.904	(0.971)	36943	10.0000	9.9
	14 Pentachlorophenol	266	7.978	7.978	(0.980)	51834	20.0000	16
	132 Pentachloronitrobenzene	237	7.985	7.985	(0.981)	28194	10.0000	9.9
	115 n-Octadecane	57	8.081	8.081	(0.993)	91750	10.0000	8.9
*	83 Phenanthrene-d10	188	8.140	8.140	(1.000)	628785	40.0000	
	52 Phenanthrene	178	8.161	8.161	(1.003)	171776	10.0000	10
	53 Anthracene	178	8.212	8.212	(1.009)	161936	10.0000	9.5
	54 Carbazole	167	8.380	8.380	(1.029)	144921	10.0000	9.8
	55 Di-n-butylphthalate	149	8.745	8.745	(1.074)	225389	10.0000	9.6
	56 Fluoranthene	202	9.321	9.321	(1.145)	180989	10.0000	10
	58 Benzidine	184	9.468	9.468	(1.163)	126818	20.0000	34
	57 Pyrene	202	9.534	9.534	(0.886)	173575	10.0000	10
$	78 Terphenyl-d14	244	9.708	9.708	(0.902)	134847	10.0000	9.9
	59 Butylbenzylphthalate	149	10.200	10.200	(0.948)	94577	10.0000	10
	124 Carbamazepine	193	10.289	10.289	(0.956)	60265	10.0000	9.7
	60 3,3'-Dichlorobenzidine	252	10.735	10.735	(0.997)	114381	20.0000	24
	61 Benzo(a)anthracene	228	10.742	10.742	(0.998)	164893	10.0000	10
*	81 Chrysene-d12	240	10.763	10.763	(1.000)	540186	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.823	10.823	(1.006)	119976	10.0000	10
	62 Chrysene	228	10.786	10.786	(1.002)	146564	10.0000	10
	64 Di-n-octylphthalate	149	11.584	11.584	(0.928)	181394	10.0000	9.9
	65 Benzo(b)fluoranthene	252	12.002	12.002	(0.961)	114335	10.0000	9.0(H)
	66 Benzo(k)fluoranthene	252	12.039	12.039	(0.964)	141553	10.0000	11
	67 Benzo(a)pyrene	252	12.407	12.407	(0.993)	110545	10.0000	11
*	84 Perylene-d12	264	12.489	12.489	(1.000)	418212	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.842	13.842	(1.108)	80556	10.0000	9.3(M)
	69 Dibenz(a,h)anthracene	278	13.865	13.865	(1.110)	77331	10.0000	9.7
	70 Benzo(g,h,i)perylene	276	14.174	14.174	(1.135)	83300	10.0000	9.2

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77818.d
Report Date: 29-Jun-2012 12:47

QC Flag Legend

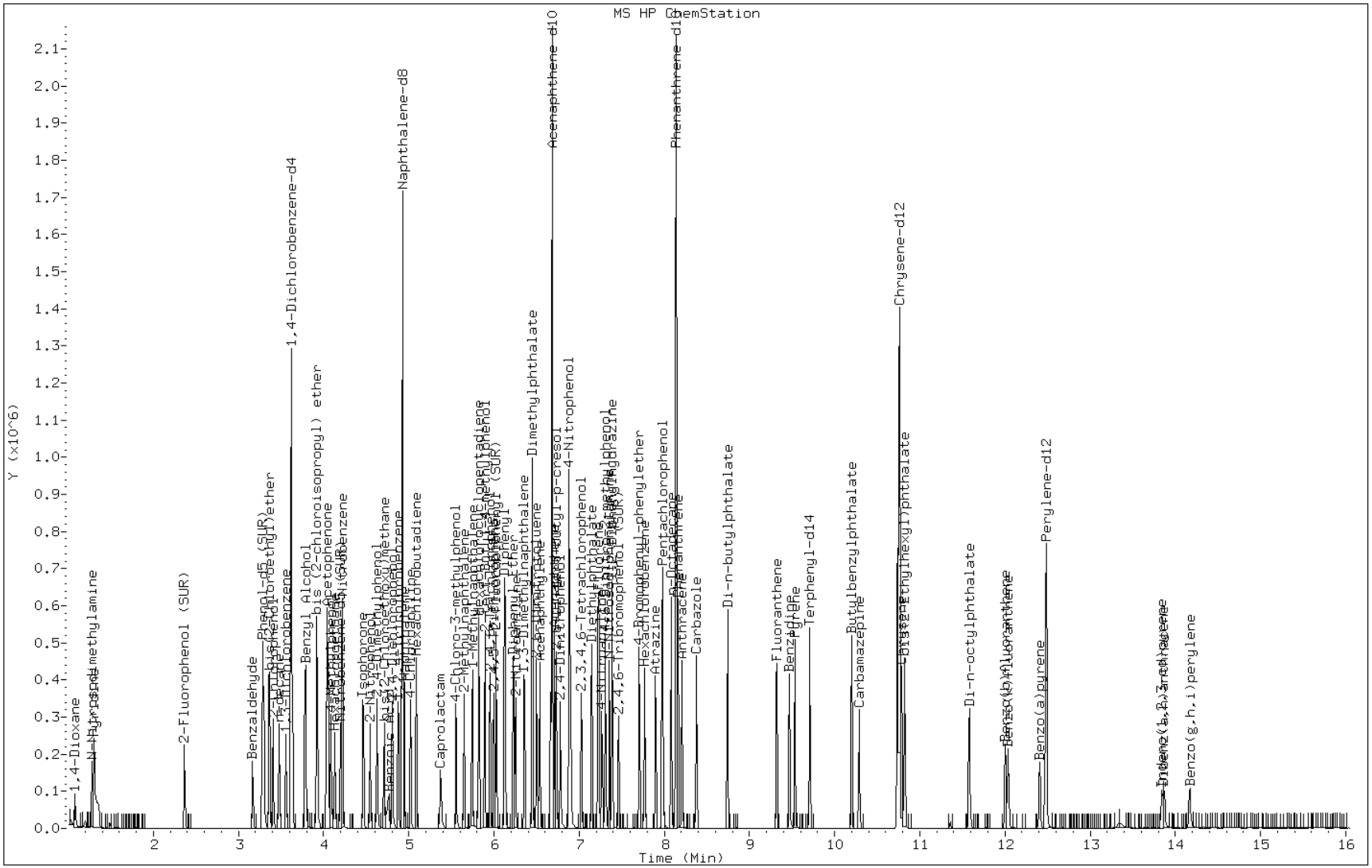
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77818.d

Date: 28-JUN-2012 19:13

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1564209 Operator: BNAMS 4



Manual Integration Report

Data File: u77818.d
Inj. Date and Time: 28-JUN-2012 19:13
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

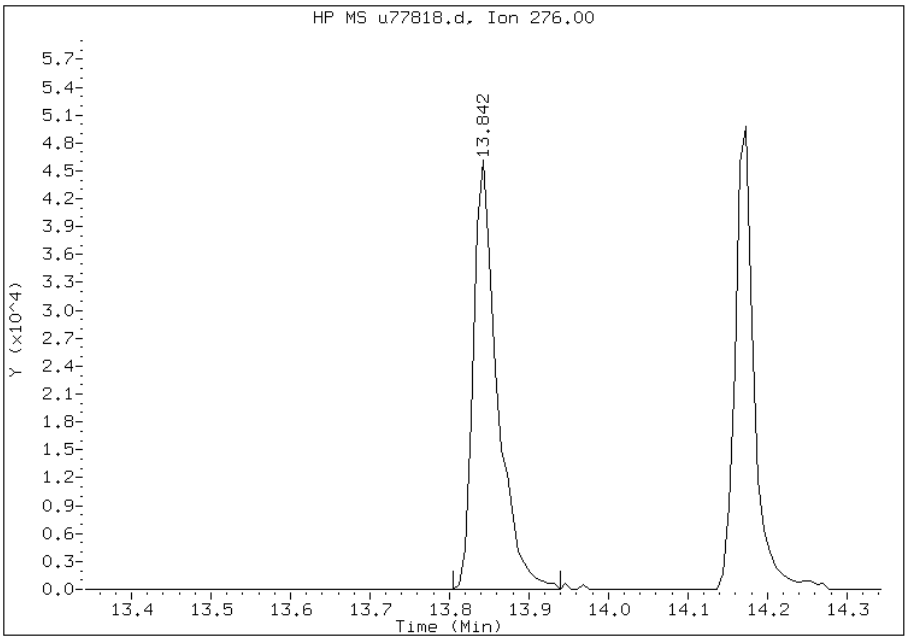
Processing Integration Results

RT: 13.84

Response: 95955

Amount: 5

Conc: 5



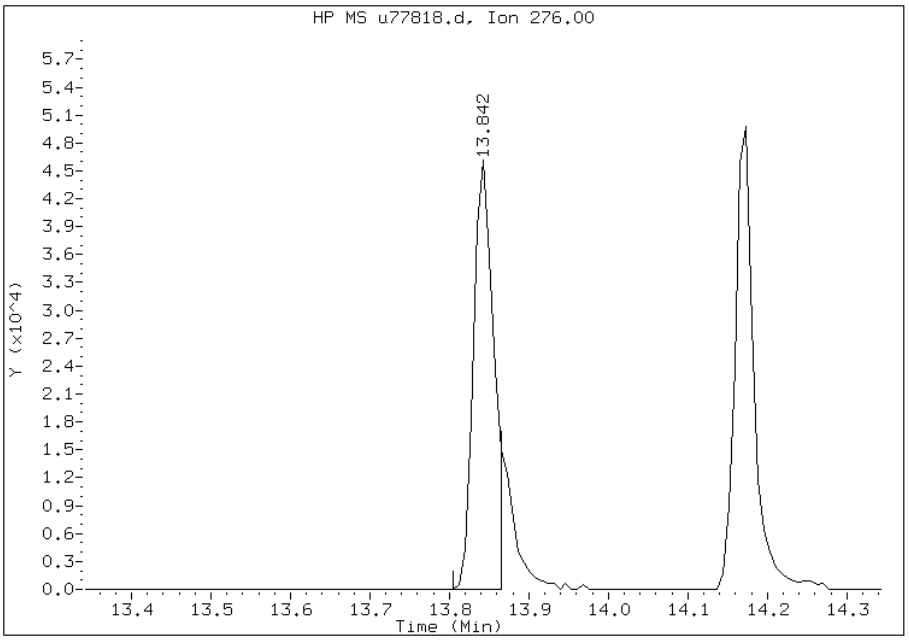
Manual Integration Results

RT: 13.84

Response: 80556

Amount: 9

Conc: 9



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u77818.d
Inj. Date and Time: 28-JUN-2012 19:13
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

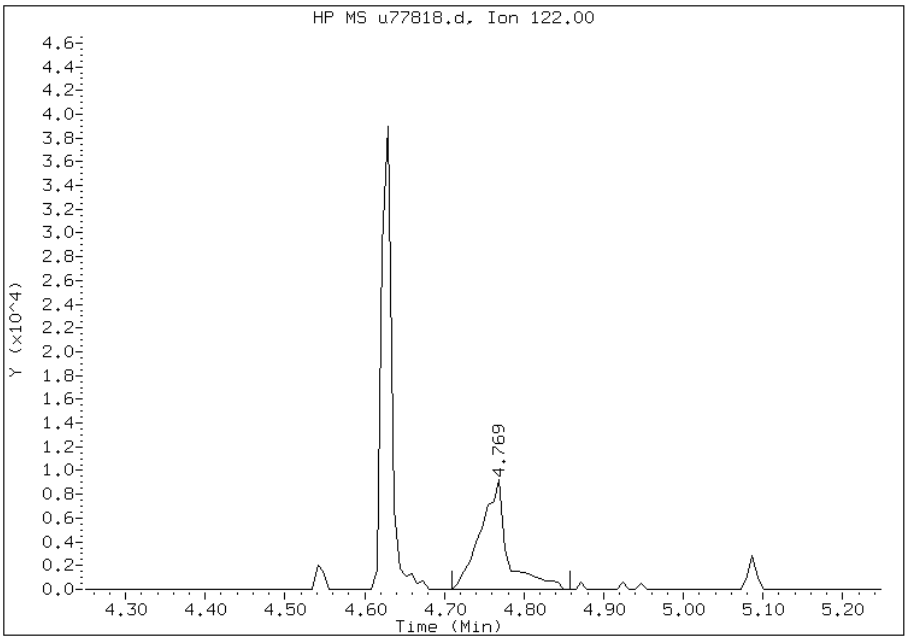
Processing Integration Results

RT: 4.77

Response: 22183

Amount: 10

Conc: 10



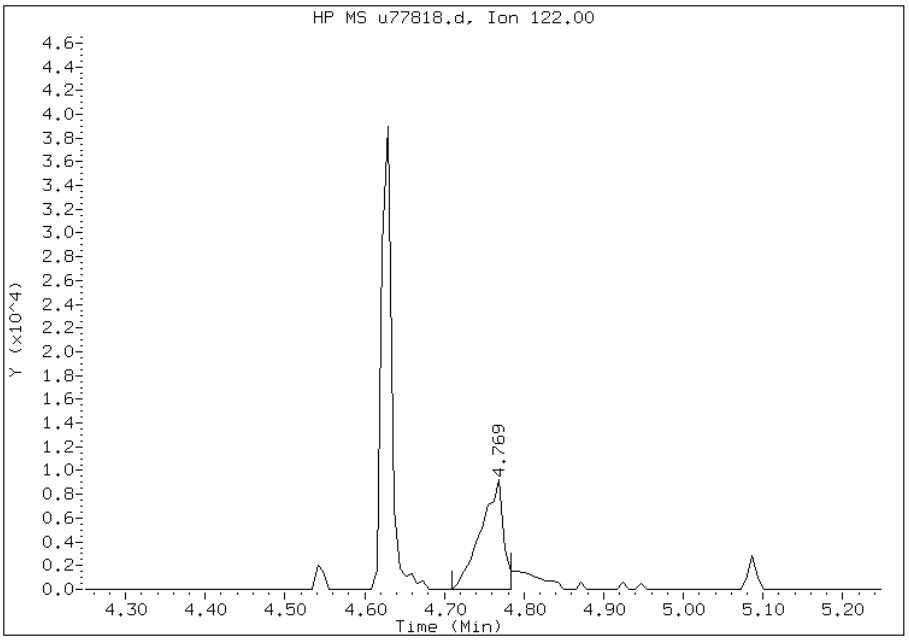
Manual Integration Results

RT: 4.77

Response: 18509

Amount: 8

Conc: 8



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77819.d
Report Date: 29-Jun-2012 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77819.d
Lab Smp Id: IC-1564202
Inj Date : 28-JUN-2012 19:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1564202
Misc Info : 5 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/8270C_11.m
Meth Date : 29-Jun-2012 12:47 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.082	1.082	(0.299)	8496	5.00000	5.1
	19 N-Nitrosodimethylamine	74	1.286	1.286	(0.355)	14741	5.00000	4.5(a)
	71 Pyridine	79	1.308	1.308	(0.362)	27712	5.00000	5.1
$	16 2-Fluorophenol (SUR)	112	2.364	2.364	(0.653)	17708	5.00000	4.2(a)
	110 Benzaldehyde	77	3.166	3.166	(0.875)	23752	5.00000	8.8
	73 Aniline	93	3.277	3.277	(0.906)	40290	5.00000	5.0(H)
$	17 Phenol-d5 (SUR)	99	3.285	3.285	(0.908)	31224	5.00000	4.3(a)
	1 Phenol	94	3.300	3.300	(0.912)	32973	5.00000	4.8(a)
	20 bis(2-Chloroethyl)ether	93	3.359	3.359	(0.928)	2554	0.50000	0.51
	2 2-Chlorophenol	128	3.404	3.404	(0.941)	19084	5.00000	4.2(a)
	113 n-decane	43	3.478	3.478	(0.961)	34185	5.00000	5.0
	21 1,3-Dichlorobenzene	146	3.559	3.559	(0.984)	25547	5.00000	4.8(a)
*	79 1,4-Dichlorobenzene-d4	152	3.618	3.618	(1.000)	136045	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77819.d
Report Date: 29-Jun-2012 12:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.633	3.633	(1.004)	26935	5.00000	4.7(a)
	74 Benzyl Alcohol	108	3.780	3.780	(1.045)	12587	5.00000	3.9(a)
	23 1,2-Dichlorobenzene	146	3.787	3.787	(1.047)	25201	5.00000	4.4(a)
	24 bis (2-chloroisopropyl) ether	45	3.919	3.919	(1.083)	54258	5.00000	5.0
	3 2-Methylphenol	108	3.919	3.919	(1.083)	19469	5.00000	4.2(a)
	104 Acetophenone	105	4.045	4.045	(1.118)	37851	5.00000	4.4(a)
	25 N-Nitroso-di-n-propylamine	70	4.060	4.060	(1.122)	2604	0.50000	0.43(aM)
	4 4-Methylphenol	108	4.082	4.082	(1.128)	21609	5.00000	5.1
	123 3 & 4 Methylphenol	108	4.082	4.082	(1.128)	21609	5.00000	5.1
	26 Hexachloroethane	117	4.134	4.134	(1.142)	1082	0.50000	0.38(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.192	4.192	(0.851)	43509	5.00000	4.7(aH)
	27 Nitrobenzene	77	4.214	4.214	(0.855)	7034	0.50000	0.55
	107 N,N-Dimethylaniline	120	4.222	4.222	(1.167)	2857	0.50000	0.41(a)
	28 Isophorone	82	4.463	4.463	(0.906)	74564	5.00000	5.2
	5 2-Nitrophenol	139	4.544	4.544	(0.922)	12312	5.00000	4.5(a)
	6 2,4-Dimethylphenol	122	4.625	4.625	(0.939)	18016	5.00000	4.6(a)
	29 bis(2-Chloroethoxy)methane	93	4.706	4.706	(0.955)	35531	5.00000	5.0
	7 2,4-Dichlorophenol	162	4.809	4.809	(0.976)	20891	5.00000	4.2(a)
	15 Benzoic Acid	122	4.750	4.750	(0.964)	6277	5.00000	2.5(aM)
	30 1,2,4-Trichlorobenzene	180	4.875	4.875	(0.989)	2399	0.50000	0.45(a)
*	80 Naphthalene-d8	136	4.927	4.927	(1.000)	516369	40.0000	
	31 Naphthalene	128	4.942	4.942	(1.003)	56810	5.00000	4.4(a)
	32 4-Chloroaniline	127	5.022	5.022	(1.019)	25836	5.00000	5.0
	33 Hexachlorobutadiene	225	5.089	5.089	(1.033)	3989	1.00000	0.93(a)
	111 Caprolactam	113	5.361	5.361	(1.088)	6131	5.00000	5.1(H)
	8 4-Chloro-3-methylphenol	107	5.552	5.552	(1.127)	31489	5.00000	5.3
	34 2-Methylnaphthalene	142	5.647	5.647	(1.146)	41347	5.00000	4.5(a)
	120 1-Methylnaphthalene	142	5.741	5.741	(1.165)	46929	5.00000	4.8(a)
	35 Hexachlorocyclopentadiene	237	5.814	5.814	(0.870)	12427	5.00000	3.1(a)
	129 1,2,4,5-Tetrachlorobenzene	216	5.822	5.822	(0.871)	33969	5.00000	4.4(a)
	121 2-tert-Butyl-4-methylphenol	149	5.896	5.896	(1.197)	38814	5.00000	4.9(a)
	9 2,4,6-Trichlorophenol	196	5.955	5.955	(0.891)	18109	5.00000	4.1(a)
	10 2,4,5-Trichlorophenol	196	5.992	5.992	(0.896)	22248	5.00000	4.7(a)
$	77 2-Fluorobiphenyl (SUR)	172	6.029	6.029	(0.902)	56607	5.00000	4.4(a)
	102 Diphenyl	154	6.118	6.118	(0.915)	58567	5.00000	4.1(a)
	36 2-Chloronaphthalene	162	6.133	6.133	(0.917)	47082	5.00000	4.3(a)
	103 Diphenyl Ether	170	6.229	6.229	(0.932)	31462	5.00000	4.4(a)
	37 2-Nitroaniline	65	6.251	6.251	(0.935)	57731	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.355	6.355	(0.951)	37359	5.00000	4.5(a)
	38 Dimethylphthalate	163	6.443	6.443	(0.964)	71826	5.00000	5.2
	114 Coumarin	146	6.450	6.450	(1.309)	20181	5.00000	5.0
	40 2,6-Dinitrotoluene	165	6.501	6.501	(0.972)	2266	1.00000	0.75(a)
	39 Acenaphthylene	152	6.538	6.538	(0.978)	74554	5.00000	4.8(a)
	41 3-Nitroaniline	138	6.663	6.663	(0.997)	28712	10.0000	10
*	82 Acenaphthene-d10	164	6.685	6.685	(1.000)	376884	40.0000	
	42 Acenaphthene	154	6.715	6.715	(1.004)	43607	5.00000	4.5(a)
	122 2,6-Di-tert-butyl-p-cresol	205	6.729	6.729	(1.007)	48016	5.00000	4.6(a)

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77819.d
Report Date: 29-Jun-2012 12:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.780	6.780	(1.014)	19620	15.0000	11(a)
	12 4-Nitrophenol	65	6.877	6.877	(1.029)	64332	15.0000	15
	43 Dibenzofuran	168	6.884	6.884	(1.030)	73441	5.00000	4.8(a)
	44 2,4-Dinitrotoluene	165	6.899	6.899	(1.032)	4174	1.00000	0.97(aM)
	130 2,3,4,6-Tetrachlorophenol	232	7.023	7.023	(1.050)	18626	5.00000	4.6(a)
	45 Diethylphthalate	149	7.141	7.141	(1.068)	79757	5.00000	5.2
	47 Fluorene	166	7.221	7.221	(1.080)	57912	5.00000	4.5(a)
	46 4-Chlorophenyl-phenylether	204	7.229	7.229	(1.081)	34211	5.00000	4.9(a)
	48 4-Nitroaniline	138	7.266	7.266	(1.087)	27097	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	7.303	7.303	(0.897)	35607	15.0000	11(a)
	49 N-Nitrosodiphenylamine	169	7.355	7.355	(0.903)	41056	5.00000	4.4(a)
	75 1,2-Diphenylhydrazine	77	7.385	7.385	(0.907)	103315	5.00000	3.9(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.464	7.464	(1.117)	13893	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	7.705	7.705	(0.946)	22429	5.00000	4.4(a)
	51 Hexachlorobenzene	284	7.764	7.764	(0.954)	2527	0.50000	0.40(a)
	112 Atrazine	200	7.896	7.896	(0.970)	19568	5.00000	4.6(a)
	14 Pentachlorophenol	266	7.971	7.971	(0.979)	39389	15.0000	11(a)
	132 Pentachloronitrobenzene	237	7.978	7.978	(0.980)	14450	5.00000	4.4(a)
	115 n-Octadecane	57	8.081	8.081	(0.993)	53636	5.00000	4.5(a)
*	83 Phenanthrene-d10	188	8.140	8.140	(1.000)	719377	40.0000	
	52 Phenanthrene	178	8.162	8.162	(1.003)	83281	5.00000	4.2(a)
	53 Anthracene	178	8.206	8.206	(1.008)	84878	5.00000	4.4(a)
	54 Carbazole	167	8.375	8.375	(1.029)	76436	5.00000	4.5(a)
	55 Di-n-butylphthalate	149	8.748	8.748	(1.075)	125525	5.00000	4.7(a)
	56 Fluoranthene	202	9.321	9.321	(1.145)	96284	5.00000	4.6(a)
	58 Benzidine	184	9.469	9.469	(1.163)	29501	5.00000	6.9
	57 Pyrene	202	9.535	9.535	(0.886)	94242	5.00000	4.8(a)
$	78 Terphenyl-d14	244	9.704	9.704	(0.902)	71573	5.00000	4.6(a)
	59 Butylbenzylphthalate	149	10.201	10.201	(0.948)	53678	5.00000	5.2
	124 Carbamazepine	193	10.288	10.288	(0.956)	34298	5.00000	4.8(a)
	60 3,3'-Dichlorobenzidine	252	10.735	10.735	(0.998)	61427	10.0000	10
	61 Benzo(a)anthracene	228	10.742	10.742	(0.999)	9534	0.50000	0.53
*	81 Chrysene-d12	240	10.757	10.757	(1.000)	619411	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.824	10.824	(1.006)	67146	5.00000	5.1
	62 Chrysene	228	10.787	10.787	(1.003)	76369	5.00000	4.8(a)
	64 Di-n-octylphthalate	149	11.579	11.579	(0.928)	94643	5.00000	4.7(a)
	65 Benzo(b)fluoranthene	252	12.005	12.005	(0.962)	6151	0.50000	0.44(aM)
	66 Benzo(k)fluoranthene	252	12.034	12.034	(0.964)	6562	0.50000	0.46(aM)
	67 Benzo(a)pyrene	252	12.409	12.409	(0.994)	4922	0.50000	0.44(aM)
*	84 Perylene-d12	264	12.483	12.483	(1.000)	460406	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.844	13.844	(1.109)	3928	0.50000	0.41(aM)
	69 Dibenz(a,h)anthracene	278	13.867	13.867	(1.111)	3383	0.50000	0.39(aM)
	70 Benzo(g,h,i)perylene	276	14.169	14.169	(1.135)	44541	5.00000	4.4(a)

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77819.d
Report Date: 29-Jun-2012 12:47

QC Flag Legend

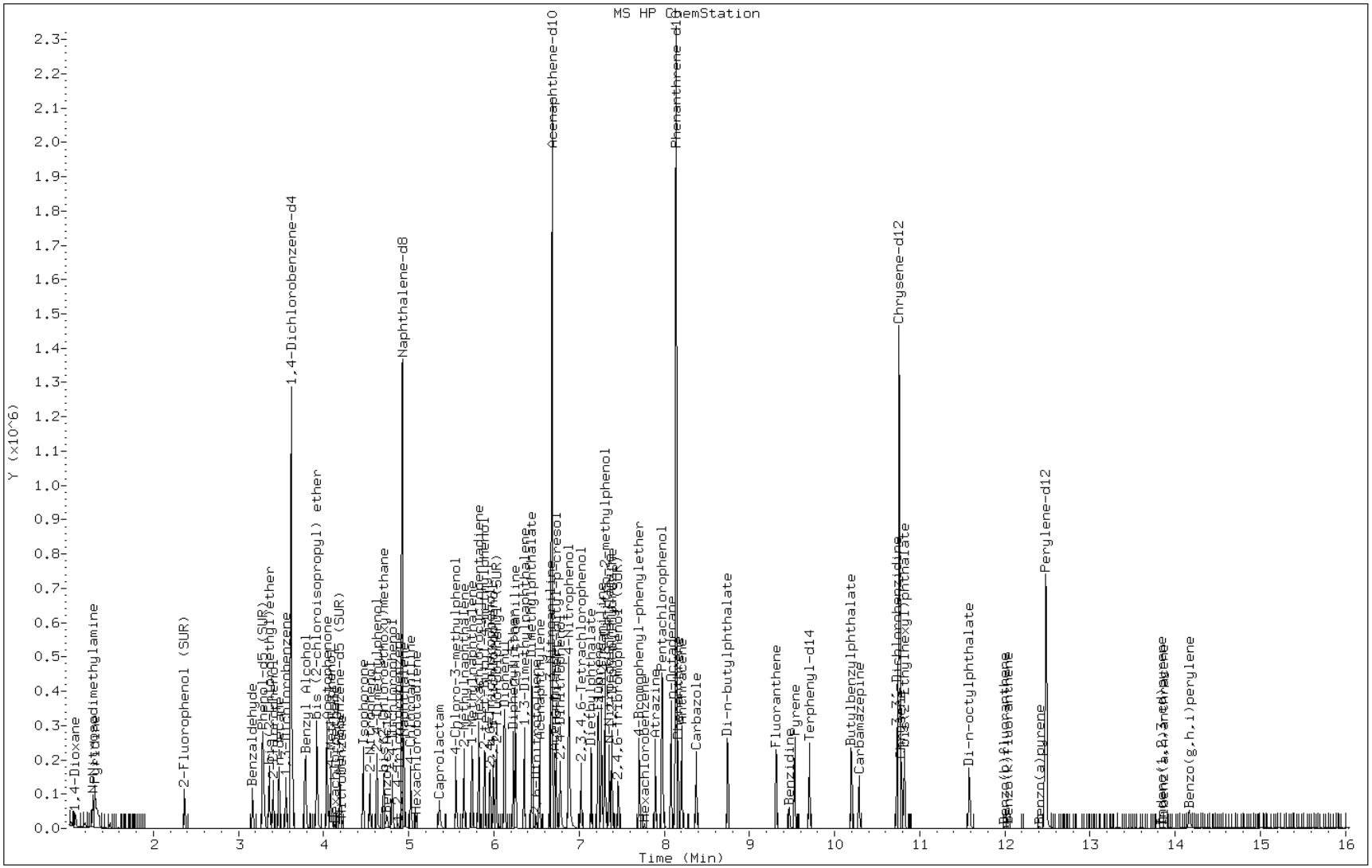
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77819.d

Date: 28-JUN-2012 19:33

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1564202 Operator: BNAMS 4



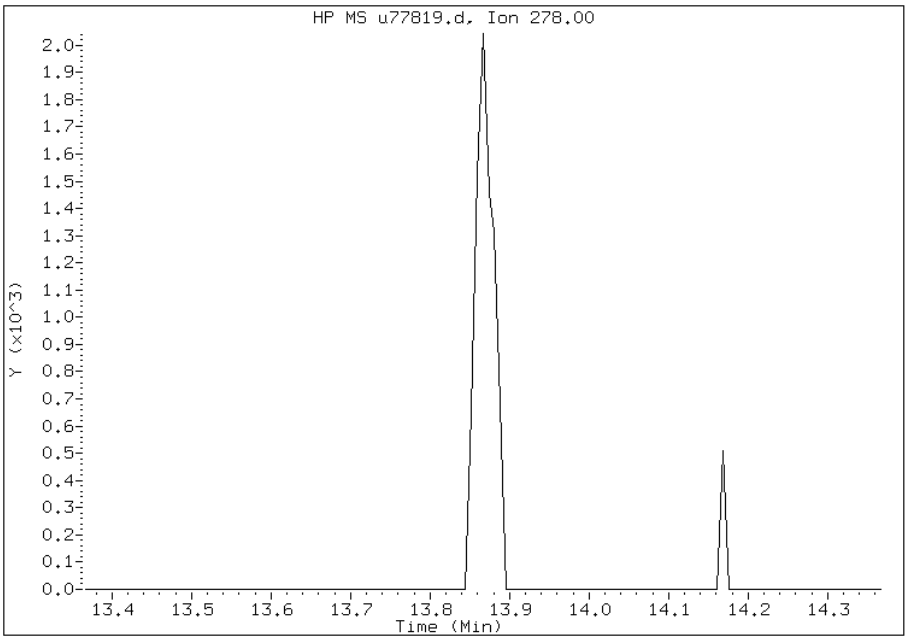
Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 06/29/2012

Processing Integration Results

Not Detected

Expected RT: 13.87



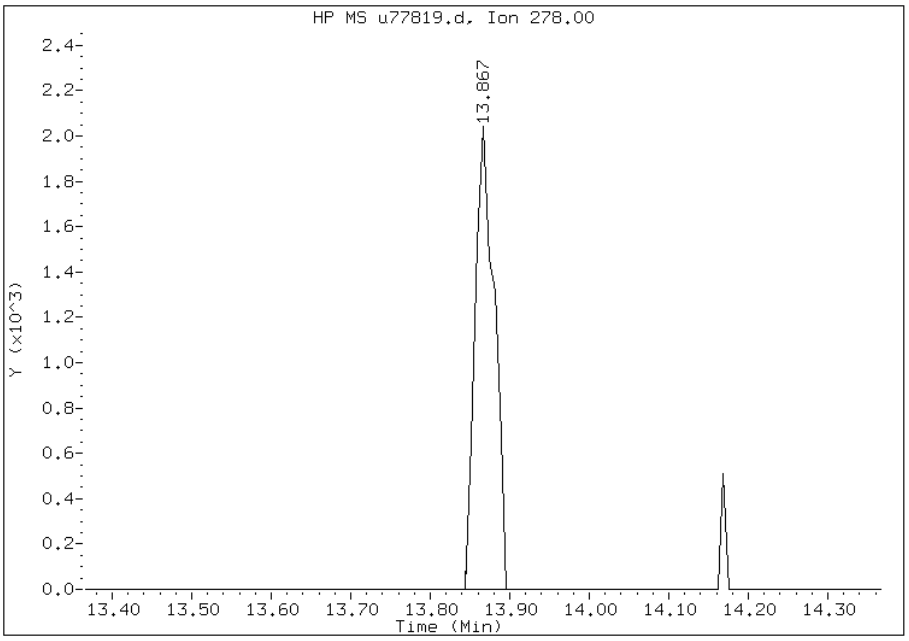
Manual Integration Results

RT: 13.87

Response: 3383

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/29/2012

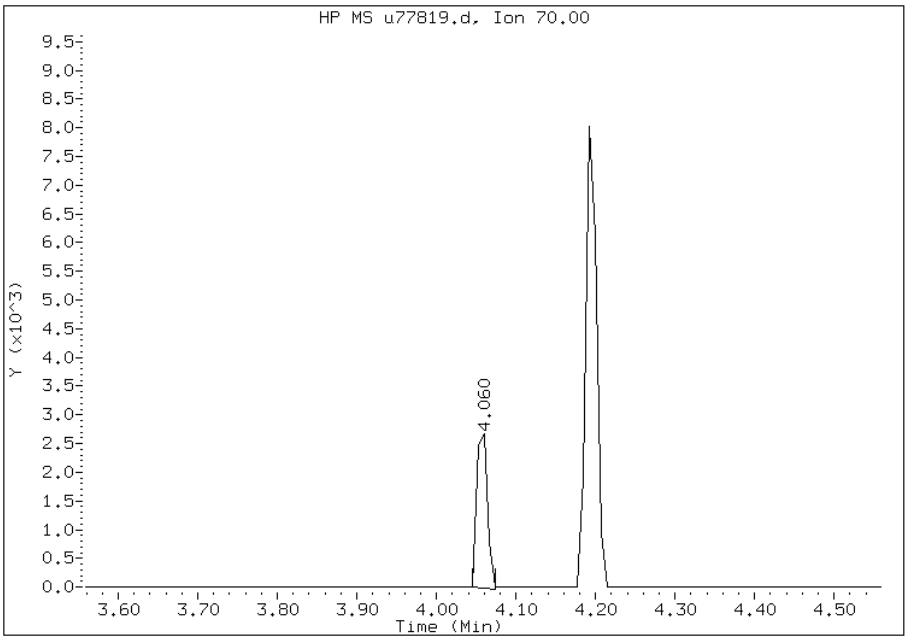
Processing Integration Results

RT: 4.06

Response: 2645

Amount: 0

Conc: 0



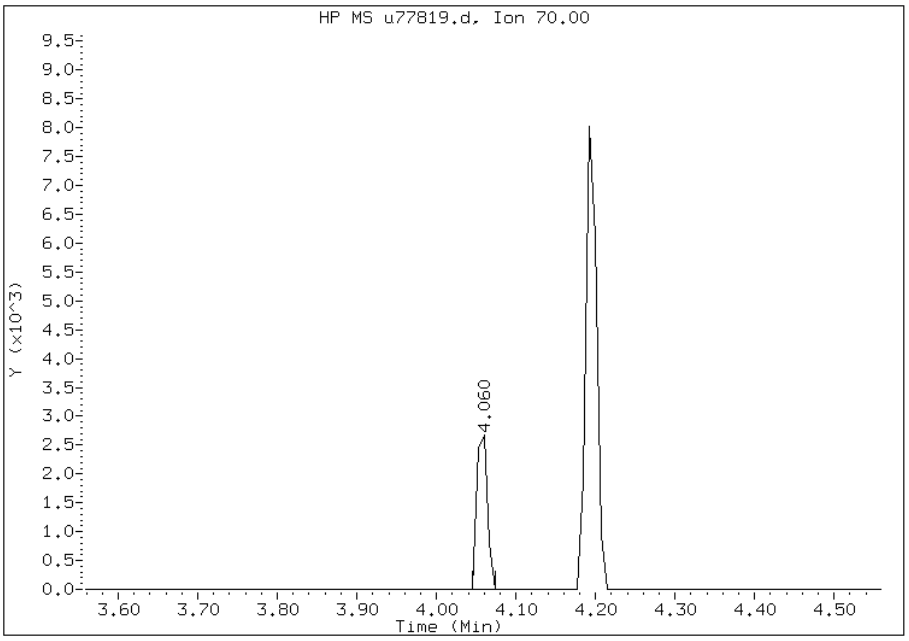
Manual Integration Results

RT: 4.06

Response: 2604

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

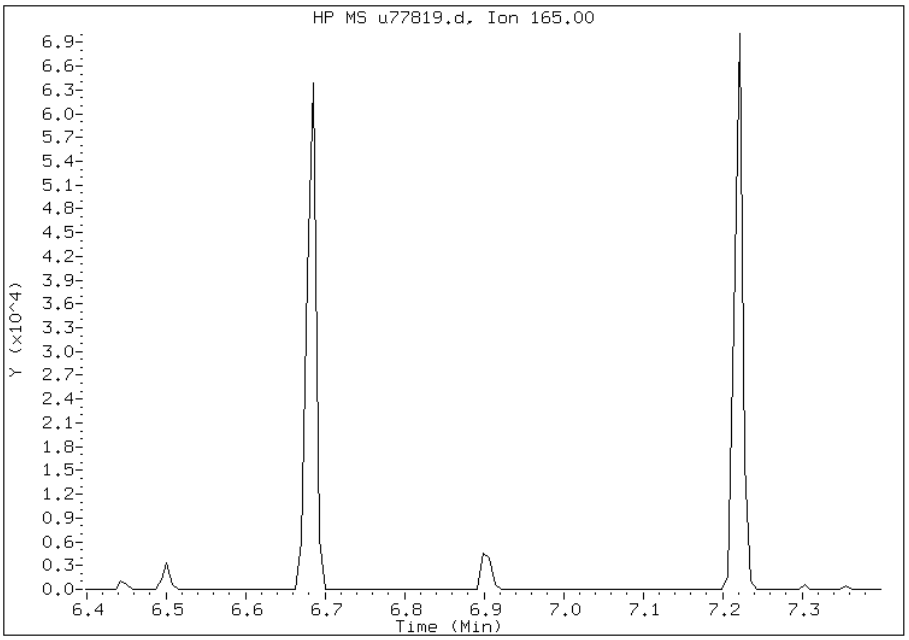
Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 44 2,4-Dinitrotoluene
CAS #: 121-14-2
Report Date: 06/29/2012

Processing Integration Results

Not Detected

Expected RT: 6.90



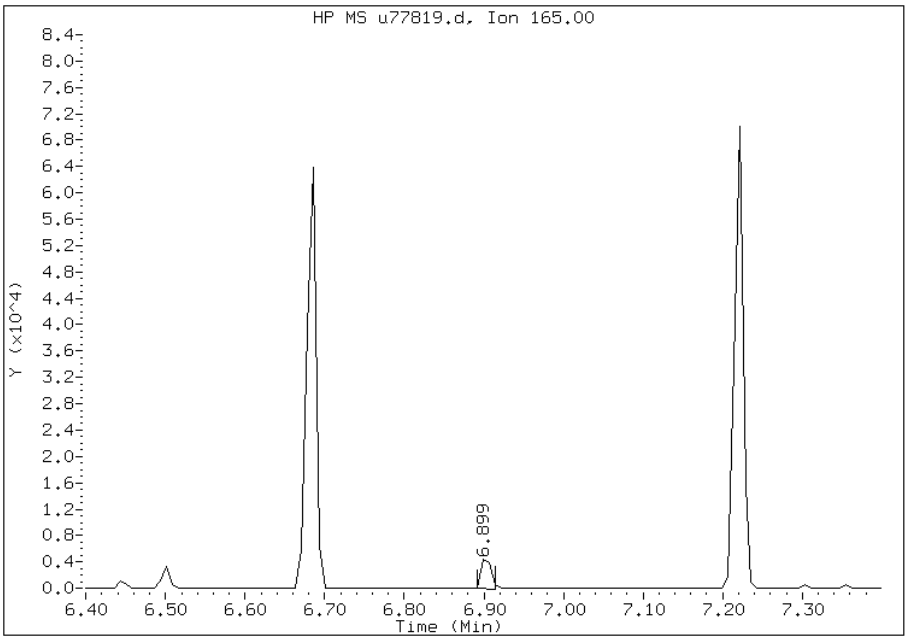
Manual Integration Results

RT: 6.90

Response: 4174

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

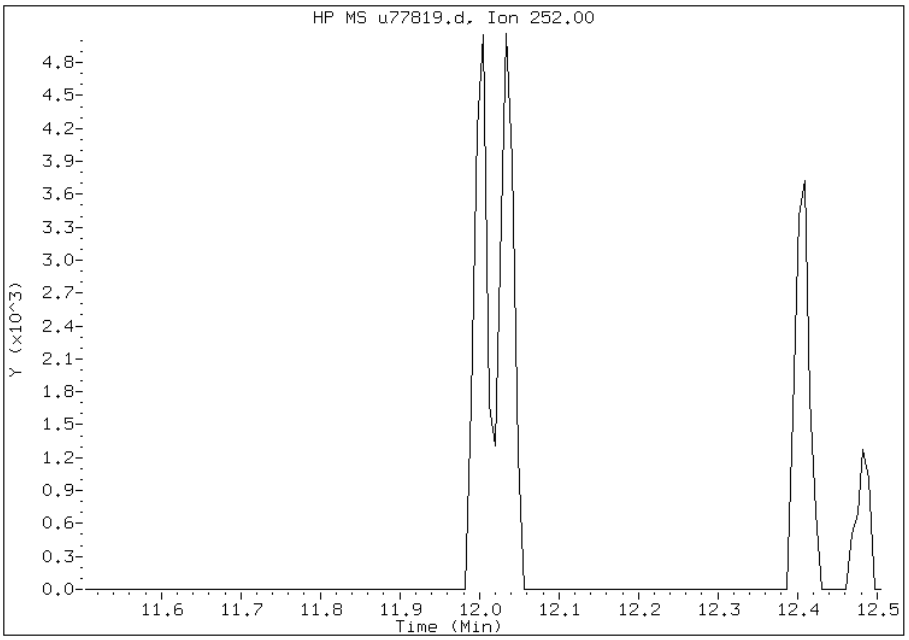
Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 06/29/2012

Processing Integration Results

Not Detected

Expected RT: 12.01



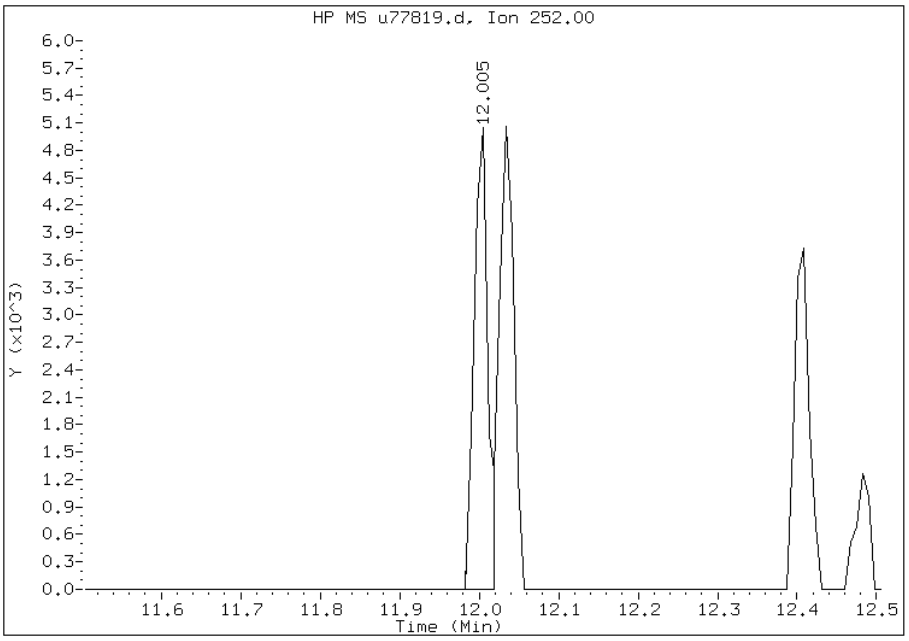
Manual Integration Results

RT: 12.00

Response: 6151

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

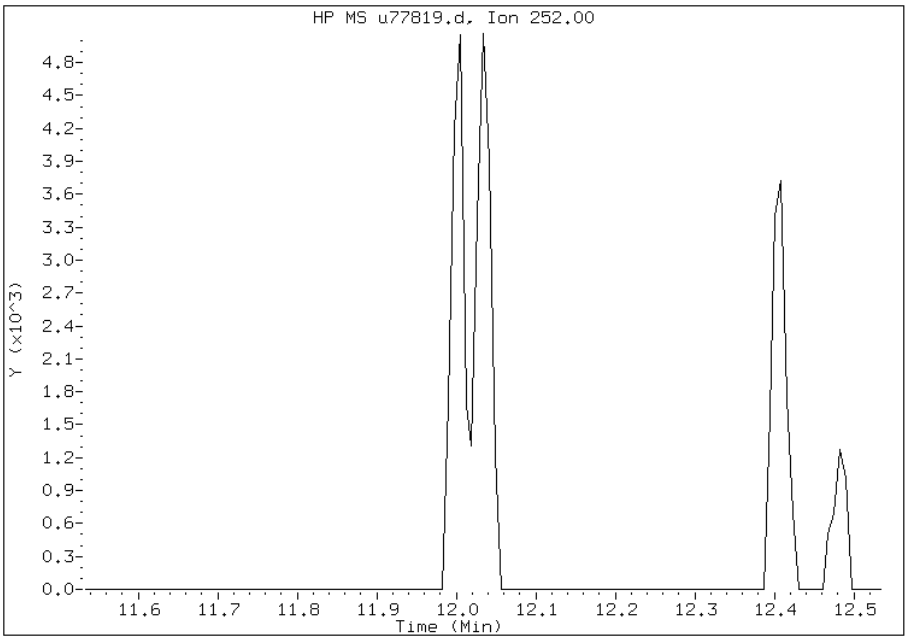
Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 06/29/2012

Processing Integration Results

Not Detected

Expected RT: 12.03



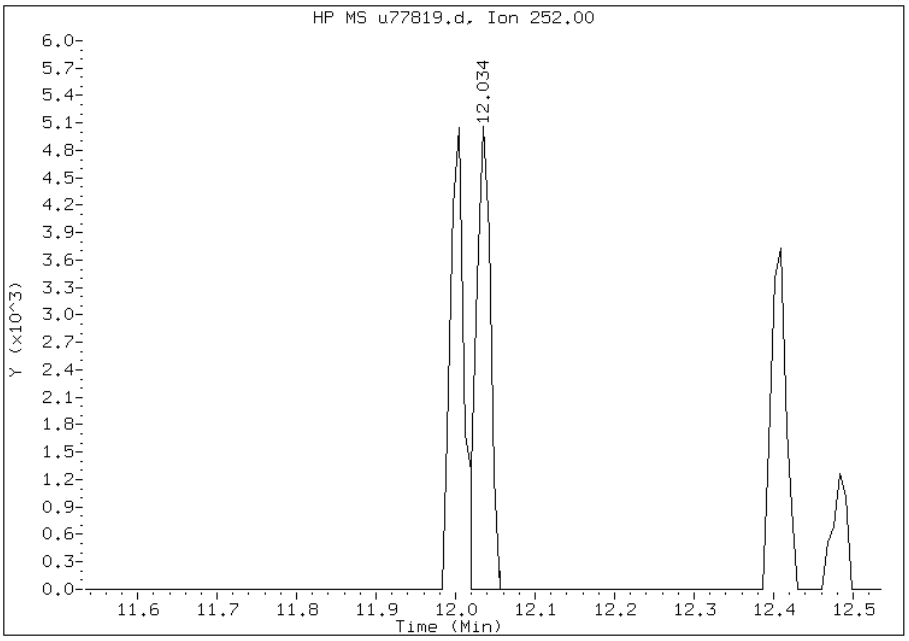
Manual Integration Results

RT: 12.03

Response: 6562

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

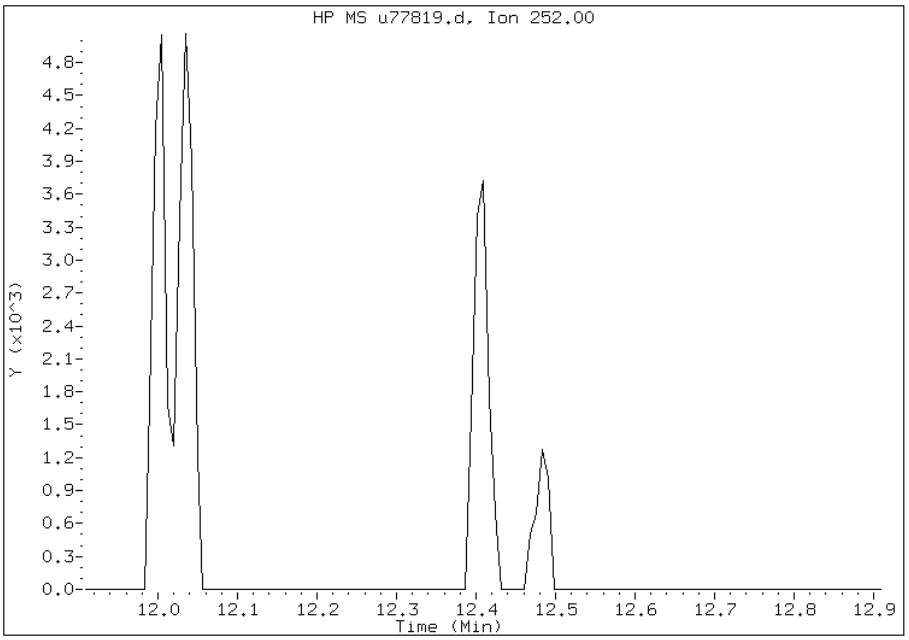
Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 06/29/2012

Processing Integration Results

Not Detected

Expected RT: 12.41



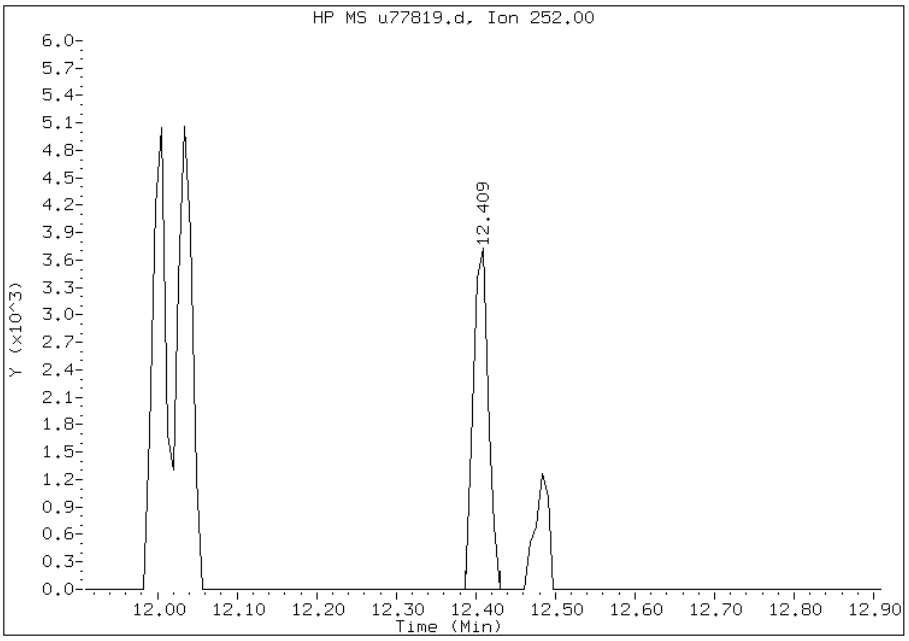
Manual Integration Results

RT: 12.41

Response: 4922

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2012

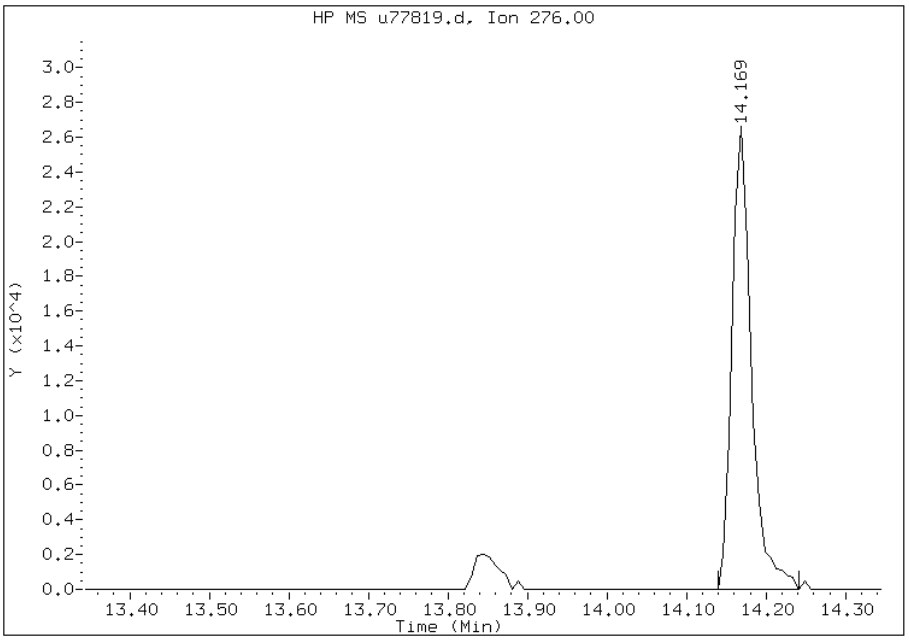
Processing Integration Results

RT: 14.17

Response: 44541

Amount: 2

Conc: 2



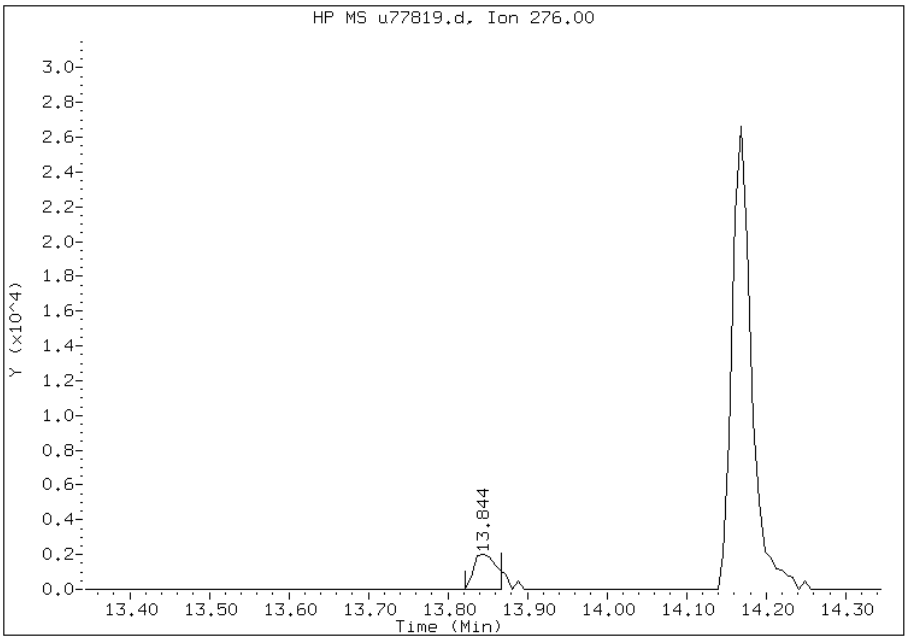
Manual Integration Results

RT: 13.84

Response: 3928

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: u77819.d
Inj. Date and Time: 28-JUN-2012 19:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/29/2012

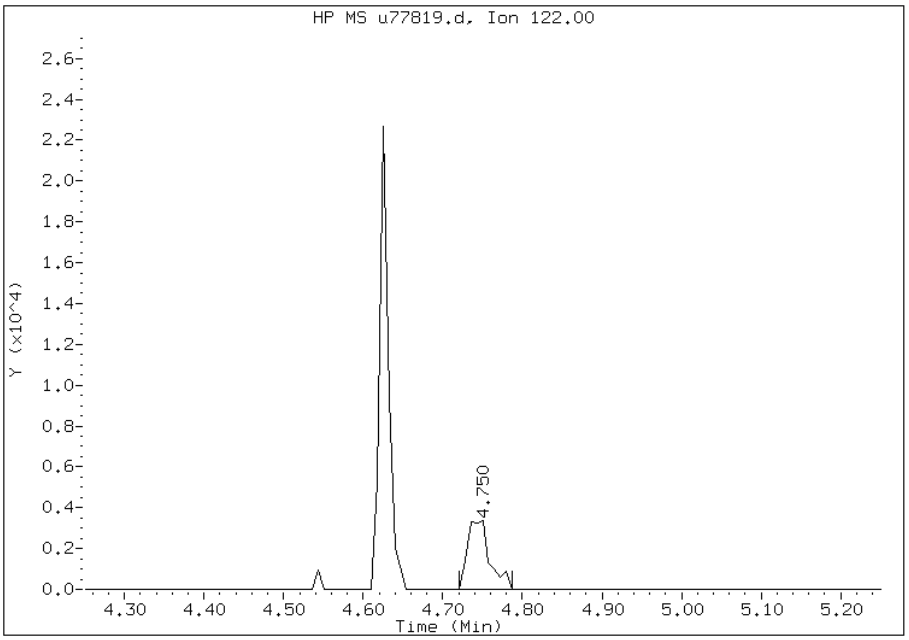
Processing Integration Results

RT: 4.75

Response: 6726

Amount: 3

Conc: 3



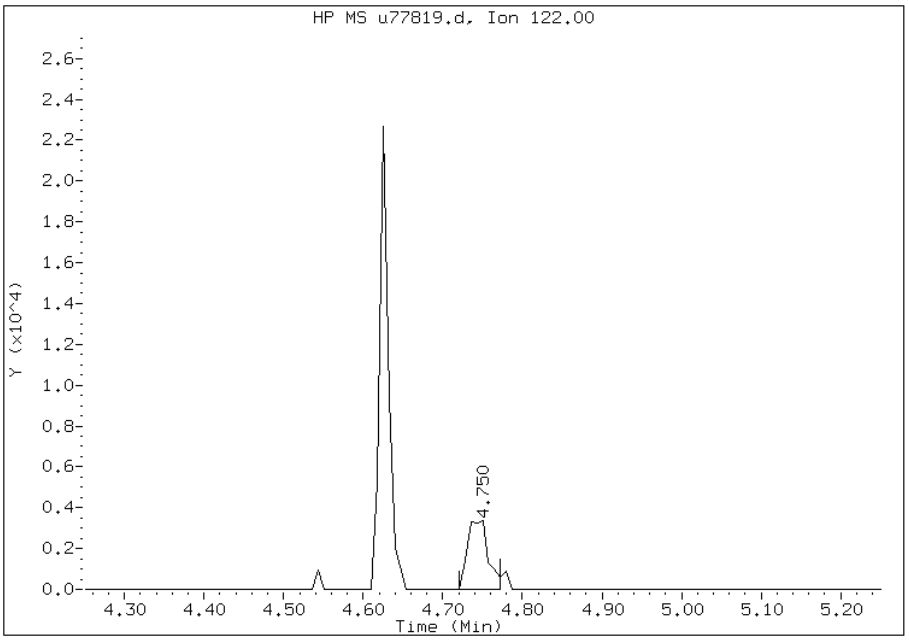
Manual Integration Results

RT: 4.75

Response: 6277

Amount: 3

Conc: 3



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118849/2 Calibration Date: 07/06/2012 09:29

Instrument ID: BNAMS10 Calib Start Date: 06/29/2012 04:51

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/29/2012 07:35

Lab File ID: p31642.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5795	0.4541		39200	50000	-21.6*	20.0
N-Nitrosodimethylamine	Ave	0.8554	0.7689		44900	50000	-10.1	20.0
Pyridine	Ave	1.482	1.345		45400	50000	-9.2	20.0
Benzaldehyde	Ave	0.6417	0.4351		33900	50000	-32.2*	20.0
Aniline	Ave	1.930	1.858		48100	50000	-3.7	20.0
Phenol	Ave	1.727	1.594		46100	50000	-7.7	20.0
Bis(2-chloroethyl)ether	Ave	1.442	1.335		46300	50000	-7.5	20.0
2-Chlorophenol	Ave	1.384	1.358		49000	50000	-1.9	20.0
Decane	Ave	1.372	1.397		50900	50000	1.8	20.0
1,3-Dichlorobenzene	Ave	1.542	1.581		51300	50000	2.6	20.0
1,4-Dichlorobenzene	Ave	1.561	1.607		51500	50000	3.0	20.0
1,2-Dichlorobenzene	Ave	1.467	1.505		51300	50000	2.6	20.0
Benzyl alcohol	Ave	0.8073	0.7950		49200	50000	-1.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.444	1.429		49500	50000	-1.0	20.0
Acetophenone	Ave	1.725	1.692		49100	50000	-1.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9309	0.9014	0.0500	48400	50000	-3.2	20.0
2-Methylphenol	Ave	1.201	1.162		48400	50000	-3.2	20.0
3 & 4 Methylphenol	Ave	1.173	1.171		49900	50000	-0.2	20.0
4-Methylphenol	Ave	1.159	1.162		50100	50000	0.2	20.0
Hexachloroethane	Ave	0.6189	0.6321		51100	50000	2.1	20.0
n,n'-Dimethylaniline	Ave	1.853	1.878		50700	50000	1.3	20.0
Nitrobenzene	Ave	0.5974	0.6046		50600	50000	1.2	20.0
Isophorone	Ave	0.7191	0.6761		47000	50000	-6.0	20.0
2-Nitrophenol	Ave	0.2194	0.2184		49800	50000	-0.5	20.0
2,4-Dimethylphenol	Ave	0.3535	0.3520		49800	50000	-0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4328	0.4193		48400	50000	-3.1	20.0
2,4-Dichlorophenol	Ave	0.3083	0.2990		48500	50000	-3.0	20.0
Benzoic acid	LinF	0.1852	0.1623		36700	50000	-26.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.3544	0.3535		49900	50000	-0.3	20.0
Naphthalene	QuaF	1.029	1.035		53700	50000	7.4	20.0
4-Chloroaniline	Ave	0.4102	0.3849		46900	50000	-6.2	20.0
Hexachlorobutadiene	Ave	0.2030	0.2035		50100	50000	0.3	20.0
Caprolactam	Ave	0.0868	0.0871		50100	50000	0.3	20.0
4-Chloro-3-methylphenol	Ave	0.3146	0.3096		49200	50000	-1.6	20.0
2-Methylnaphthalene	Ave	0.6699	0.6574		49100	50000	-1.9	20.0
1-Methylnaphthalene	Ave	0.6808	0.6841		50200	50000	0.5	20.0
Hexachlorocyclopentadiene	LinF	0.2984	0.3369	0.0500	48400	50000	-3.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6382	0.6224		48800	50000	-2.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4712	0.4565		48400	50000	-3.1	20.0
2,4,6-Trichlorophenol	Ave	0.3922	0.3803		48500	50000	-3.0	20.0
2,4,5-Trichlorophenol	Ave	0.3916	0.3816		48700	50000	-2.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118849/2 Calibration Date: 07/06/2012 09:29

Instrument ID: BNAMS10 Calib Start Date: 06/29/2012 04:51

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/29/2012 07:35

Lab File ID: p31642.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.493	1.525		51100	50000	2.2	20.0
2-Chloronaphthalene	Ave	1.170	1.177		50300	50000	0.6	20.0
Diphenyl ether	Ave	0.8457	0.8372		49500	50000	-1.0	20.0
2-Nitroaniline	Ave	0.3696	0.3511		47500	50000	-5.0	20.0
Dimethylnaphthalene, total	Ave	1.024	1.017		49700	50000	-0.6	20.0
Coumarin	Ave	0.2018	0.1997		49500	50000	-1.0	20.0
Dimethyl phthalate	Ave	1.140	1.118		49000	50000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.2692	0.2699		50100	50000	0.3	20.0
Acenaphthylene	Ave	1.701	1.688		49600	50000	-0.7	20.0
3-Nitroaniline	Ave	0.2838	0.2800		49300	50000	-1.3	20.0
Acenaphthene	Ave	1.069	1.076		50300	50000	0.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.019	1.042		51200	50000	2.3	20.0
2,4-Dinitrophenol	Ave	0.1302	0.1176	0.0500	45200	50000	-9.7	20.0
Dibenzofuran	Ave	1.456	1.447		49700	50000	-0.7	20.0
4-Nitrophenol	Ave	0.2228	0.1991	0.0500	44700	50000	-10.6	20.0
2,4-Dinitrotoluene	Ave	0.3291	0.3296		50100	50000	0.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2572	0.2501		48600	50000	-2.7	20.0
Diethyl phthalate	Ave	1.111	1.081		48600	50000	-2.7	20.0
Fluorene	Ave	1.196	1.189		49700	50000	-0.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5757	0.5551		48200	50000	-3.6	20.0
4-Nitroaniline	Ave	0.2362	0.2292		48500	50000	-3.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1434	0.1287		44900	50000	-10.2	20.0
N-Nitrosodiphenylamine	Ave	0.6325	0.6218		49100	50000	-1.7	20.0
1,2-Diphenylhydrazine	Ave	1.164	1.168		50200	50000	0.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2507	0.2516		50200	50000	0.3	20.0
Hexachlorobenzene	Ave	0.2641	0.2577		48800	50000	-2.4	20.0
Atrazine	Ave	0.2186	0.2135		48800	50000	-2.3	20.0
Pentachlorophenol	Ave	0.1436	0.1452		50600	50000	1.1	20.0
Pentachloronitrobenzene	Ave	0.1106	0.1033		46700	50000	-6.6	
n-Octadecane	Ave	0.6020	0.5964		49500	50000	-0.9	20.0
Phenanthrene	Ave	1.106	1.121		50700	50000	1.4	20.0
Anthracene	Ave	1.108	1.110		50100	50000	0.2	20.0
Carbazole	Ave	0.9137	0.9271		50700	50000	1.5	20.0
Di-n-butyl phthalate	Ave	1.180	1.146		48600	50000	-2.8	20.0
Fluoranthene	Ave	0.9751	0.9733		49900	50000	-0.2	20.0
Benzidine	Ave	0.2115	0.0610		14400	50000	-71.2*	20.0
Pyrene	Ave	1.692	1.714		50700	50000	1.3	20.0
Butyl benzyl phthalate	Ave	0.7381	0.6955		47100	50000	-5.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2200	0.1729		393	500	-21.4*	20.0
Carbamazepine	Ave	0.5024	0.4109		40900	50000	-18.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118849/2 Calibration Date: 07/06/2012 09:29

Instrument ID: BNAMS10 Calib Start Date: 06/29/2012 04:51

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/29/2012 07:35

Lab File ID: p31642.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3677	0.3432		48200	50000	-3.6	20.0
Benzo[a]anthracene	Ave	1.232	1.171		47500	50000	-5.0	20.0
Chrysene	Ave	1.095	1.095		50000	50000	0.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9417	0.8097		43000	50000	-14.0	20.0
Di-n-octyl phthalate	Ave	1.854	1.604		43300	50000	-13.5	20.0
Benzo[b]fluoranthene	Ave	1.227	1.260		51300	50000	2.7	20.0
Benzo[k]fluoranthene	Ave	1.296	1.246		48100	50000	-3.8	20.0
Benzo[a]pyrene	Ave	1.002	1.016		50700	50000	1.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9058	0.9232		51000	50000	1.9	20.0
Dibenz(a,h)anthracene	Ave	0.8774	0.9259		52800	50000	5.5	20.0
Benzo[g,h,i]perylene	Ave	0.9079	0.9123		50200	50000	0.5	20.0
2-Fluorophenol	Ave	1.349	1.315		48800	50000	-2.5	20.0
Phenol-d5	Ave	1.634	1.546		47300	50000	-5.4	20.0
Nitrobenzene-d5	Ave	0.4739	0.4577		48300	50000	-3.4	20.0
2-Fluorobiphenyl	Ave	1.377	1.380		50100	50000	0.2	20.0
2,4,6-Tribromophenol	Ave	0.1616	0.1640		50700	50000	1.5	20.0
Terphenyl-d14	Ave	1.168	1.164		49800	50000	-0.4	20.0

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31642.d
Report Date: 06-Jul-2012 09:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31642.d
Lab Smp Id: CCVIS-1564229
Inj Date : 06-JUL-2012 09:29
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : CCVIS-1564229
Misc Info : 50ppm bna4674
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	0.974	0.974	(0.267)	394856	50.0000	39
19	N-Nitrosodimethylamine	74	1.186	1.186	(0.325)	668667	50.0000	45
71	Pyridine	79	1.197	1.197	(0.328)	1170009	50.0000	45
$ 16	2-Fluorophenol (SUR)	112	2.296	2.296	(0.630)	1143759	50.0000	49
110	Benzaldehyde	77	3.154	3.154	(0.865)	378325	50.0000	34
$ 17	Phenol-d5 (SUR)	99	3.313	3.313	(0.908)	1344617	50.0000	47
73	Aniline	93	3.289	3.289	(0.902)	1616093	50.0000	48
1	Phenol	94	3.330	3.330	(0.913)	1385748	50.0000	46
20	bis(2-Chloroethyl)ether	93	3.383	3.383	(0.928)	1160622	50.0000	46
2	2-Chlorophenol	128	3.424	3.424	(0.939)	1180516	50.0000	49
113	n-decane	43	3.507	3.507	(0.961)	1215075	50.0000	51
21	1,3-Dichlorobenzene	146	3.583	3.583	(0.982)	1375139	50.0000	51
* 79	1,4-Dichlorobenzene-d4	152	3.648	3.648	(1.000)	695683	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31642.d
Report Date: 06-Jul-2012 09:43

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.665	3.665	(1.005)	1397665	50.0000	51
	74 Benzyl Alcohol	108	3.853	3.853	(1.056)	691303	50.0000	49
	23 1,2-Dichlorobenzene	146	3.836	3.836	(1.052)	1308438	50.0000	51
	3 2-Methylphenol	108	4.200	4.200	(1.151)	1010546	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.006	4.006	(1.098)	1242632	50.0000	49
	104 Acetophenone	105	4.141	4.141	(1.135)	1471476	50.0000	49
	25 N-Nitroso-di-n-propylamine	70	4.165	4.165	(1.142)	783899	50.0000	48
	4 4-Methylphenol	108	4.200	4.200	(1.151)	1010546	50.0000	50
	123 3 & 4 Methylphenol	108	4.200	4.200	(1.151)	1018110	50.0000	50
	26 Hexachloroethane	117	4.212	4.212	(1.155)	549706	50.0000	51
$	76 Nitrobenzene-d5 (SUR)	82	4.300	4.300	(0.848)	1246701	50.0000	48
	27 Nitrobenzene	77	4.329	4.329	(0.854)	1647003	50.0000	51
	107 N,N-Dimethylaniline	120	4.329	4.329	(1.187)	1632747	50.0000	51
	28 Isophorone	82	4.599	4.599	(0.907)	1841538	50.0000	47
	5 2-Nitrophenol	139	4.676	4.676	(0.922)	594856	50.0000	50
	6 2,4-Dimethylphenol	122	4.776	4.776	(0.942)	958747	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	4.864	4.864	(0.959)	1142031	50.0000	48
	15 Benzoic Acid	122	4.999	4.999	(0.986)	442220	50.0000	37
	7 2,4-Dichlorophenol	162	4.952	4.952	(0.977)	814444	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.991)	962978	50.0000	50
*	80 Naphthalene-d8	136	5.069	5.069	(1.000)	2179180	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.003)	2820451	50.0000	54
	32 4-Chloroaniline	127	5.181	5.181	(1.022)	1048316	50.0000	47
	33 Hexachlorobutadiene	225	5.246	5.246	(1.035)	554345	50.0000	50
	111 Caprolactam	113	5.598	5.598	(1.104)	237202	50.0000	50
	8 4-Chloro-3-methylphenol	107	5.751	5.751	(1.134)	843379	50.0000	49
	34 2-Methylnaphthalene	142	5.822	5.822	(1.148)	1790813	50.0000	49
	120 1-Methylnaphthalene	142	5.921	5.921	(1.168)	1863552	50.0000	50
	35 Hexachlorocyclopentadiene	237	5.998	5.998	(0.873)	451138	50.0000	48
	129 1,2,4,5-Tetrachlorobenzene	216	6.004	6.004	(0.874)	833425	50.0000	49
	121 2-tert-Butyl-4-methylphenol	149	6.092	6.092	(1.202)	1243391	50.0000	48
	9 2,4,6-Trichlorophenol	196	6.145	6.145	(0.895)	509245	50.0000	48
	10 2,4,5-Trichlorophenol	196	6.186	6.186	(0.901)	510922	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.215	6.215	(0.905)	1847507	50.0000	50
	102 Diphenyl	154	6.309	6.309	(0.919)	2042334	50.0000	51
	36 2-Chloronaphthalene	162	6.315	6.315	(0.920)	1575487	50.0000	50
	103 Diphenyl Ether	170	6.421	6.421	(0.935)	1121023	50.0000	49
	37 2-Nitroaniline	65	6.450	6.450	(0.939)	470195	50.0000	48
	125 1,3-Dimethylnaphthalene	156	6.544	6.544	(0.953)	1362432	50.0000	50
	38 Dimethylphthalate	163	6.650	6.650	(0.968)	1496895	50.0000	49
	114 Coumarin	146	6.650	6.650	(1.312)	543880	50.0000	49
	40 2,6-Dinitrotoluene	165	6.703	6.703	(0.976)	361468	50.0000	50
	39 Acenaphthylene	152	6.726	6.726	(0.979)	2260303	50.0000	50
	41 3-Nitroaniline	138	6.867	6.867	(1.000)	374936	50.0000	49
*	82 Acenaphthene-d10	164	6.867	6.867	(1.000)	1071242	40.0000	
	42 Acenaphthene	154	6.903	6.903	(1.005)	1440407	50.0000	50
	122 2,6-Di-tert-butyl-p-cresol	205	6.932	6.932	(1.009)	1395579	50.0000	51

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31642.d
Report Date: 06-Jul-2012 09:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.985	6.985	(1.017)	157410	50.0000	45
	12 4-Nitrophenol	65	7.091	7.091	(1.032)	266659	50.0000	45
	44 2,4-Dinitrotoluene	165	7.108	7.108	(1.035)	441374	50.0000	50
	43 Dibenzofuran	168	7.073	7.073	(1.030)	1936981	50.0000	50
	130 2,3,4,6-Tetrachlorophenol	232	7.220	7.220	(1.051)	334957	50.0000	49
	45 Diethylphthalate	149	7.355	7.355	(1.071)	1446909	50.0000	49
	47 Fluorene	166	7.414	7.414	(1.080)	1592305	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.431	7.431	(1.082)	743239	50.0000	48
	48 4-Nitroaniline	138	7.473	7.473	(1.088)	306904	50.0000	48
	13 4,6-Dinitro-2-methylphenol	198	7.514	7.514	(0.903)	209892	50.0000	45
	49 N-Nitrosodiphenylamine	169	7.555	7.555	(0.908)	1013863	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.584	7.584	(0.911)	1904588	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.655	7.655	(1.115)	219616	50.0000	51
	50 4-Bromophenyl-phenylether	248	7.902	7.902	(0.949)	410238	50.0000	50
	51 Hexachlorobenzene	284	7.960	7.960	(0.956)	420238	50.0000	49
	112 Atrazine	200	8.107	8.107	(0.974)	348193	50.0000	49
	14 Pentachlorophenol	266	8.166	8.166	(0.981)	236776	50.0000	50
	132 Pentachloronitrobenzene	237	8.172	8.172	(0.982)	168458	50.0000	47
	115 n-Octadecane	57	8.289	8.289	(0.996)	972441	50.0000	50
*	83 Phenanthrene-d10	188	8.325	8.325	(1.000)	1304509	40.0000	
	52 Phenanthrene	178	8.348	8.348	(1.003)	1828424	50.0000	51
	53 Anthracene	178	8.395	8.395	(1.008)	1810813	50.0000	50
	54 Carbazole	167	8.571	8.571	(1.030)	1511831	50.0000	51
	55 Di-n-butylphthalate	149	8.947	8.947	(1.075)	1869342	50.0000	48
	56 Fluoranthene	202	9.506	9.506	(1.142)	1587144	50.0000	50
	58 Benzidine	184	9.664	9.664	(1.161)	99500	50.0000	14
	57 Pyrene	202	9.717	9.717	(0.891)	1538299	50.0000	51
$	78 Terphenyl-d14	244	9.899	9.899	(0.907)	1044518	50.0000	50
	59 Butylbenzylphthalate	149	10.399	10.399	(0.953)	624162	50.0000	47
	109 2,3,7,8-TCDD (Screen)	320	10.469	10.469	(0.960)	1552	0.50000	0.39(a)
	124 Carbamazepine	193	10.481	10.481	(0.961)	368728	50.0000	41
	60 3,3'-Dichlorobenzidine	252	10.898	10.898	(0.999)	307973	50.0000	48
	61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	1050779	50.0000	48
*	81 Chrysene-d12	240	10.910	10.910	(1.000)	717956	40.0000	
	62 Chrysene	228	10.939	10.939	(1.003)	982855	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	10.992	10.992	(1.008)	726662	50.0000	43
	64 Di-n-octylphthalate	149	11.715	11.715	(0.934)	1084951	50.0000	43
	65 Benzo(b)fluoranthene	252	12.097	12.097	(0.964)	852113	50.0000	51
	66 Benzo(k)fluoranthene	252	12.126	12.126	(0.966)	843250	50.0000	48
	67 Benzo(a)pyrene	252	12.479	12.479	(0.994)	687201	50.0000	51
*	84 Perylene-d12	264	12.549	12.549	(1.000)	541212	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.871	13.871	(1.105)	624562	50.0000	51(M)
	69 Dibenz(a,h)anthracene	278	13.895	13.895	(1.107)	626356	50.0000	53
	70 Benzo(g,h,i)perylene	276	14.182	14.182	(1.130)	617167	50.0000	50

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31642.d
Report Date: 06-Jul-2012 09:43

QC Flag Legend

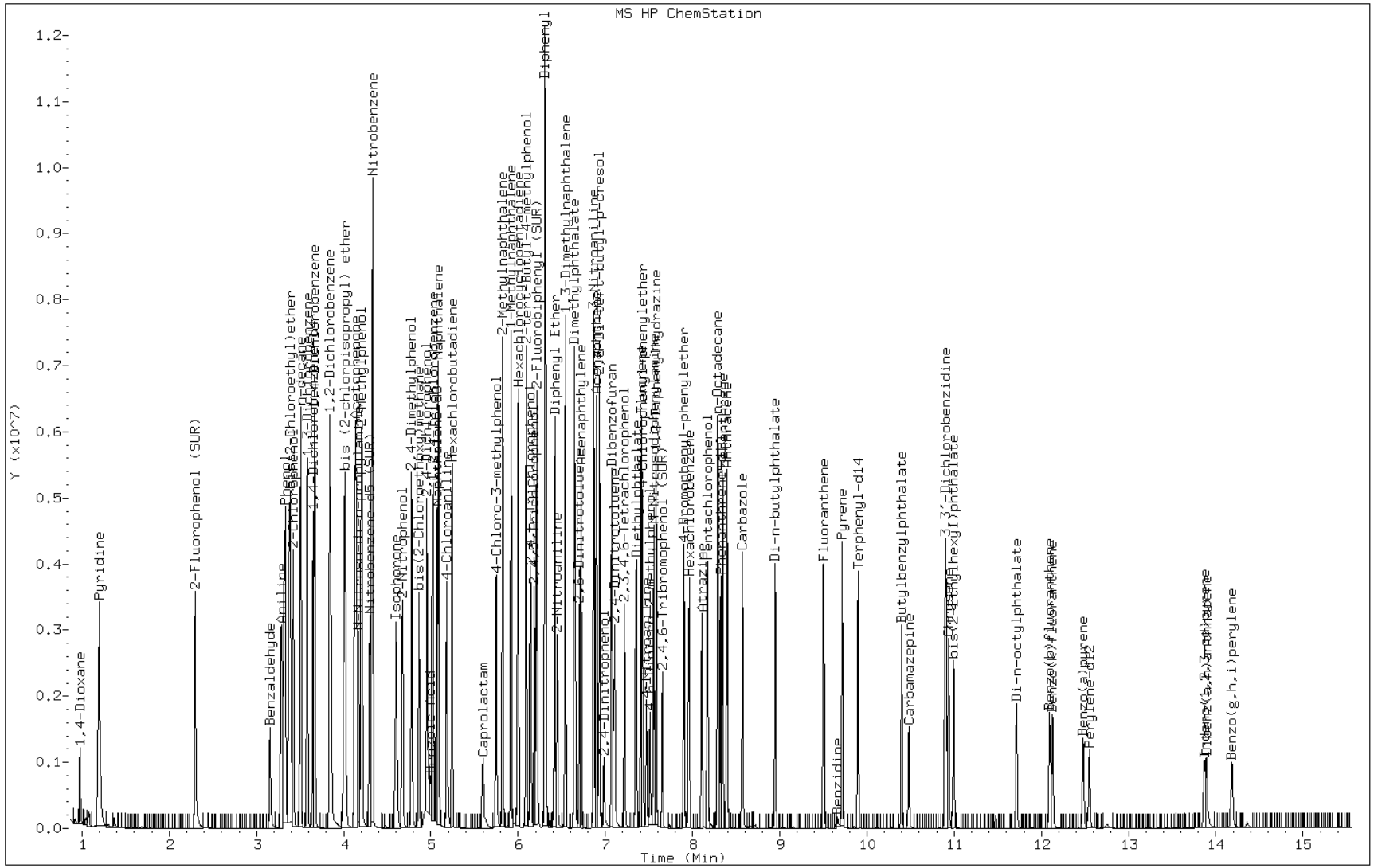
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: p31642.d

Date: 06-JUL-2012 09:29

Client ID: Instrument: BNAMS10.i

Sample Info: CCVIS-1564229 Operator: BNAMS 4



Manual Integration Report

Data File: p31642.d
Inj. Date and Time: 06-JUL-2012 09:29
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/06/2012

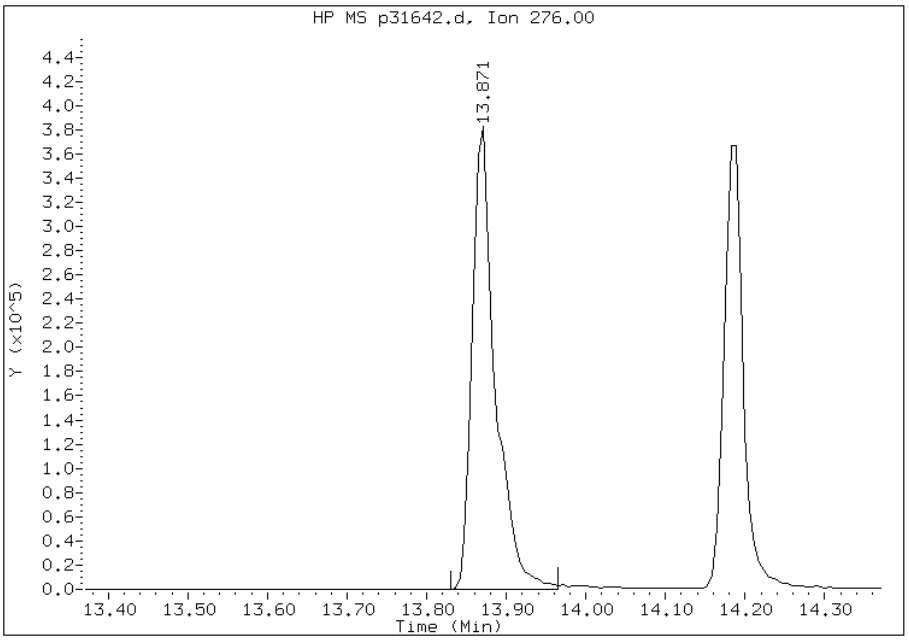
Processing Integration Results

RT: 13.87

Response: 761731

Amount: 62

Conc: 62



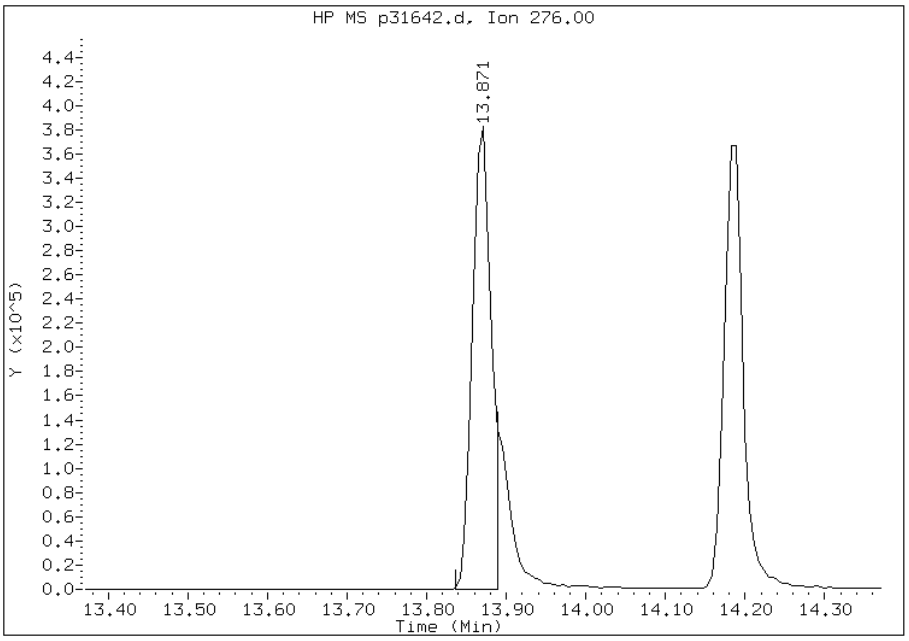
Manual Integration Results

RT: 13.87

Response: 624562

Amount: 51

Conc: 51



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118966/2 Calibration Date: 07/06/2012 08:33

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78028.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4910	0.4665		47500	50000	-5.0	20.0
N-Nitrosodimethylamine	Ave	0.9554	0.8890		46500	50000	-7.0	20.0
Pyridine	Ave	1.597	1.504		47100	50000	-5.8	20.0
Benzaldehyde	Ave	0.7928	0.6183		39000	50000	-22.0*	20.0
Aniline	Ave	2.381	2.382		50000	50000	0.0	20.0
Phenol	QuaF	2.331	2.209		49800	50000	-0.5	20.0
Bis(2-chloroethyl)ether	QuaF	1.806	1.747		52300	50000	4.6	20.0
2-Chlorophenol	Ave	1.327	1.375		51800	50000	3.6	20.0
Decane	Ave	2.027	2.025		50000	50000	-0.0	20.0
1,3-Dichlorobenzene	Ave	1.568	1.694		54000	50000	8.0	20.0
1,4-Dichlorobenzene	Ave	1.671	1.659		49600	50000	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.669	1.632		48900	50000	-2.2	20.0
Benzyl alcohol	Ave	0.9514	0.7545		39700	50000	-20.7*	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.165	3.140		49600	50000	-0.8	20.0
2-Methylphenol	Ave	1.365	1.359		49800	50000	-0.4	20.0
Acetophenone	Ave	2.529	2.440		48200	50000	-3.5	20.0
N-Nitrosodi-n-propylamine	Ave	1.776	1.796	0.0500	50500	50000	1.1	20.0
3 & 4 Methylphenol	QuaF	1.508	1.430		51400	50000	2.7	20.0
4-Methylphenol	QuaF	1.508	1.429		51300	50000	2.6	20.0
Hexachloroethane	Ave	0.8396	0.8457		50400	50000	0.7	20.0
n,n'-Dimethylaniline	Ave	2.059	2.004		48700	50000	-2.7	20.0
Nitrobenzene	Ave	0.9900	0.8622		43500	50000	-12.9	20.0
Isophorone	Ave	1.110	0.9924		44700	50000	-10.6	20.0
2-Nitrophenol	Ave	0.2131	0.2144		50300	50000	0.6	20.0
2,4-Dimethylphenol	Ave	0.3036	0.3021		49800	50000	-0.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.5464	0.5004		45800	50000	-8.4	20.0
2,4-Dichlorophenol	Ave	0.3824	0.3645		47700	50000	-4.7	20.0
Benzoic acid	QuaF	0.1746	0.1679		43400	50000	-13.2	20.0
1,2,4-Trichlorobenzene	Ave	0.4141	0.4062		49000	50000	-1.9	20.0
Naphthalene	Ave	0.997	0.9282		46600	50000	-6.9	20.0
4-Chloroaniline	Ave	0.3959	0.3596		45400	50000	-9.2	20.0
Hexachlorobutadiene	Ave	0.3330	0.3295		49500	50000	-1.0	20.0
Caprolactam	Ave	0.0929	0.0753		40500	50000	-19.0	20.0
4-Chloro-3-methylphenol	Ave	0.4597	0.3755		40800	50000	-18.3	20.0
2-Methylnaphthalene	Ave	0.7053	0.6979		49500	50000	-1.0	20.0
1-Methylnaphthalene	Ave	0.7543	0.7069		46900	50000	-6.3	20.0
Hexachlorocyclopentadiene	QuaF	0.3879	0.4401	0.0500	49000	50000	-1.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.8157	0.8682		53200	50000	6.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.6102	0.5674		46500	50000	-7.0	20.0
2,4,6-Trichlorophenol	Ave	0.4665	0.4921		52700	50000	5.5	20.0
2,4,5-Trichlorophenol	Ave	0.5038	0.5512		54700	50000	9.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118966/2 Calibration Date: 07/06/2012 08:33

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78028.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	QuaF	1.445	1.682		52800	50000	5.7	20.0
2-Chloronaphthalene	Ave	1.161	1.332		57300	50000	14.7	20.0
Diphenyl ether	Ave	0.7517	0.7960		52900	50000	5.9	20.0
2-Nitroaniline	Ave	0.5946	0.5222		43900	50000	-12.2	20.0
Dimethylnaphthalene, total	Ave	0.8854	0.9132		51600	50000	3.1	20.0
Coumarin	Ave	0.3104	0.2741		44200	50000	-11.7	20.0
Dimethyl phthalate	Ave	1.454	1.459		50200	50000	0.4	20.0
2,6-Dinitrotoluene	Ave	0.3193	0.3204		50200	50000	0.3	20.0
Acenaphthylene	Ave	1.632	1.694		51900	50000	3.8	20.0
3-Nitroaniline	Ave	0.2896	0.3000		51800	50000	3.6	20.0
Acenaphthene	QuaF	1.088	1.094		48900	50000	-2.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.106	1.136		51400	50000	2.8	20.0
2,4-Dinitrophenol	QuaF	0.1895	0.1857	0.0500	47300	50000	-5.5	20.0
Dibenzofuran	Ave	1.638	1.592		48600	50000	-2.8	20.0
4-Nitrophenol	Ave	0.4612	0.4516	0.0500	49000	50000	-2.1	20.0
2,4-Dinitrotoluene	Ave	0.4563	0.4275		46800	50000	-6.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4258	0.3986		46800	50000	-6.4	20.0
Diethyl phthalate	Ave	1.616	1.442		44600	50000	-10.8	20.0
Fluorene	Ave	1.365	1.374		50300	50000	0.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.7350	0.7520		51200	50000	2.3	20.0
4-Nitroaniline	Ave	0.2521	0.2391		47400	50000	-5.1	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1711	0.1870		50700	50000	1.4	20.0
N-Nitrosodiphenylamine	Ave	0.5242	0.5335		50900	50000	1.8	20.0
1,2-Diphenylhydrazine	Ave	1.465	1.510		51600	50000	3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2859	0.2966		51900	50000	3.7	20.0
Hexachlorobenzene	Ave	0.3474	0.3735		53700	50000	7.5	20.0
Atrazine	Ave	0.2376	0.2375		50000	50000	-0.0	20.0
Pentachlorophenol	QuaF	0.1994	0.2387		54900	50000	9.8	20.0
Pentachloronitrobenzene	Ave	0.1807	0.1837		50800	50000	1.6	
n-Octadecane	Ave	0.6566	0.7428		56600	50000	13.1	20.0
Phenanthrene	Ave	1.095	1.134		51800	50000	3.6	20.0
Anthracene	Ave	1.079	1.211		56100	50000	12.2	20.0
Carbazole	Ave	0.9382	0.8965		47800	50000	-4.4	20.0
Di-n-butyl phthalate	Ave	1.489	1.493		50100	50000	0.3	20.0
Fluoranthene	Ave	1.156	1.274		55100	50000	10.2	20.0
Benzidine	Ave	0.2380	0.1594		33500	50000	-33.0*	20.0
Pyrene	Ave	1.280	1.237		48300	50000	-3.4	20.0
Butyl benzyl phthalate	Ave	0.6674	0.6562		49200	50000	-1.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1949	0.1853		475	500	-4.9	20.0
Carbamazepine	Ave	0.4595	0.4431		48200	50000	-3.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-118966/2 Calibration Date: 07/06/2012 08:33

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78028.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3564	0.3628		54800	50000	9.5	20.0
Benzo[a]anthracene	Ave	1.156	1.094		47300	50000	-5.3	20.0
Chrysene	Ave	1.037	1.028		49600	50000	-0.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8482	0.7924		46700	50000	-6.6	20.0
Di-n-octyl phthalate	Ave	1.753	1.603		45700	50000	-8.5	20.0
Benzo[b]fluoranthene	Ave	1.217	1.165		47900	50000	-4.3	20.0
Benzo[k]fluoranthene	Ave	1.225	1.200		49000	50000	-2.1	20.0
Benzo[a]pyrene	Ave	0.9591	1.038		54100	50000	8.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8258	0.9875		57300	50000	14.6	20.0
Dibenz(a,h)anthracene	QuaF	0.7883	0.9342		56500	50000	13.1	20.0
Benzo[g,h,i]perylene	Ave	0.8698	1.066		61300	50000	22.6*	20.0
2-Fluorophenol	Ave	1.226	1.249		50900	50000	1.9	20.0
Phenol-d5	Ave	2.118	2.094		49400	50000	-1.2	20.0
Nitrobenzene-d5	Ave	0.7098	0.6360		44800	50000	-10.4	20.0
2-Fluorobiphenyl	Ave	1.374	1.418		51600	50000	3.2	20.0
2,4,6-Tribromophenol	Ave	0.3079	0.2596		42200	50000	-15.7	20.0
Terphenyl-d14	Ave	1.013	1.016		50100	50000	0.3	20.0

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78028.d
Report Date: 06-Jul-2012 09:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78028.d
Lab Smp Id: CCVIS-1564229
Inj Date : 06-JUL-2012 08:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : CCVIS-1564229
Misc Info : 50 ppm bna 4674
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	0.966	0.966	(0.280)	109536	50.0000	47
	19 N-Nitrosodimethylamine	74	1.163	1.163	(0.337)	208749	50.0000	46
	71 Pyridine	79	1.178	1.178	(0.341)	353211	50.0000	47
$	16 2-Fluorophenol (SUR)	112	2.210	2.210	(0.640)	293178	50.0000	51
	110 Benzaldehyde	77	2.996	2.996	(0.868)	145191	50.0000	39
	73 Aniline	93	3.122	3.122	(0.904)	559333	50.0000	50
$	17 Phenol-d5 (SUR)	99	3.145	3.145	(0.910)	491624	50.0000	49
	1 Phenol	94	3.160	3.160	(0.915)	518696	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.204	3.204	(0.928)	410221	50.0000	52
	2 2-Chlorophenol	128	3.249	3.249	(0.941)	322812	50.0000	52
	113 n-decane	43	3.316	3.316	(0.960)	475579	50.0000	50
	21 1,3-Dichlorobenzene	146	3.389	3.389	(0.981)	397744	50.0000	54
*	79 1,4-Dichlorobenzene-d4	152	3.454	3.454	(1.000)	187860	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78028.d
Report Date: 06-Jul-2012 09:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.469	3.469	(1.004)	389494	50.0000	50
	74 Benzyl Alcohol	108	3.631	3.631	(1.051)	177166	50.0000	40
	23 1,2-Dichlorobenzene	146	3.624	3.624	(1.049)	383254	50.0000	49
	24 bis (2-chloroisopropyl) ether	45	3.765	3.765	(1.090)	737280	50.0000	50
	3 2-Methylphenol	108	3.780	3.780	(1.094)	319064	50.0000	50
	104 Acetophenone	105	3.899	3.899	(1.129)	572876	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	3.922	3.922	(1.135)	421663	50.0000	50
	4 4-Methylphenol	108	3.952	3.952	(1.144)	335466	50.0000	51(M)
	123 3 & 4 Methylphenol	108	3.952	3.952	(1.144)	335786	50.0000	51(M)
	26 Hexachloroethane	117	3.967	3.967	(1.148)	198592	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	4.048	4.048	(0.850)	593085	50.0000	45
	27 Nitrobenzene	77	4.071	4.071	(0.854)	804102	50.0000	44
	107 N,N-Dimethylaniline	120	4.071	4.071	(1.179)	470544	50.0000	49
	28 Isophorone	82	4.322	4.322	(0.907)	925540	50.0000	45
	5 2-Nitrophenol	139	4.389	4.389	(0.921)	199942	50.0000	50
	6 2,4-Dimethylphenol	122	4.492	4.492	(0.943)	281698	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	4.565	4.565	(0.958)	466692	50.0000	46
	7 2,4-Dichlorophenol	162	4.661	4.661	(0.978)	339940	50.0000	48
	15 Benzoic Acid	122	4.713	4.713	(0.989)	156590	50.0000	43(M)
	30 1,2,4-Trichlorobenzene	180	4.721	4.721	(0.991)	378844	50.0000	49
*	80 Naphthalene-d8	136	4.765	4.765	(1.000)	746079	40.0000	
	31 Naphthalene	128	4.788	4.788	(1.005)	865637	50.0000	46
	32 4-Chloroaniline	127	4.870	4.870	(1.022)	335369	50.0000	45
	33 Hexachlorobutadiene	225	4.930	4.930	(1.034)	307300	50.0000	49
	111 Caprolactam	113	5.303	5.303	(1.113)	70207	50.0000	40
	8 4-Chloro-3-methylphenol	107	5.421	5.421	(1.138)	350204	50.0000	41
	34 2-Methylnaphthalene	142	5.496	5.496	(1.153)	650878	50.0000	49
	120 1-Methylnaphthalene	142	5.592	5.592	(1.173)	659210	50.0000	47
	35 Hexachlorocyclopentadiene	237	5.659	5.659	(0.868)	248890	50.0000	49
	129 1,2,4,5-Tetrachlorobenzene	216	5.674	5.674	(0.870)	491048	50.0000	53
	121 2-tert-Butyl-4-methylphenol	149	5.755	5.755	(1.208)	529135	50.0000	46
	9 2,4,6-Trichlorophenol	196	5.807	5.807	(0.890)	278320	50.0000	53
	10 2,4,5-Trichlorophenol	196	5.857	5.857	(0.898)	311773	50.0000	55
$	77 2-Fluorobiphenyl (SUR)	172	5.879	5.879	(0.901)	802234	50.0000	52
	102 Diphenyl	154	5.974	5.974	(0.916)	951219	50.0000	53
	36 2-Chloronaphthalene	162	5.981	5.981	(0.917)	753444	50.0000	57
	103 Diphenyl Ether	170	6.078	6.078	(0.932)	450213	50.0000	53
	37 2-Nitroaniline	65	6.108	6.108	(0.936)	295347	50.0000	44(H)
	125 1,3-Dimethylnaphthalene	156	6.204	6.204	(0.951)	516504	50.0000	52
	38 Dimethylphthalate	163	6.308	6.308	(0.967)	825402	50.0000	50
	114 Coumarin	146	6.308	6.308	(1.324)	255609	50.0000	44
	40 2,6-Dinitrotoluene	165	6.360	6.360	(0.975)	181202	50.0000	50
	39 Acenaphthylene	152	6.383	6.383	(0.978)	957924	50.0000	52
	41 3-Nitroaniline	138	6.523	6.523	(1.000)	169701	50.0000	52
*	82 Acenaphthene-d10	164	6.523	6.523	(1.000)	452469	40.0000	
	42 Acenaphthene	154	6.560	6.560	(1.006)	618902	50.0000	49
	122 2,6-Di-tert-butyl-p-cresol	205	6.583	6.583	(1.009)	642700	50.0000	51

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78028.d
Report Date: 06-Jul-2012 09:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.634	6.634	(1.017)	105043	50.0000	47
	12 4-Nitrophenol	65	6.744	6.744	(1.034)	255404	50.0000	49
	43 Dibenzofuran	168	6.729	6.729	(1.032)	900265	50.0000	48
	44 2,4-Dinitrotoluene	165	6.759	6.759	(1.036)	241794	50.0000	47
	130 2,3,4,6-Tetrachlorophenol	232	6.876	6.876	(1.054)	225443	50.0000	47
	45 Diethylphthalate	149	7.001	7.001	(1.073)	815598	50.0000	45
	47 Fluorene	166	7.067	7.067	(1.083)	776923	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.080	7.080	(1.085)	425310	50.0000	51
	48 4-Nitroaniline	138	7.132	7.132	(1.093)	135235	50.0000	47
	13 4,6-Dinitro-2-methylphenol	198	7.169	7.169	(0.899)	156234	50.0000	51
	49 N-Nitrosodiphenylamine	169	7.205	7.205	(0.903)	445650	50.0000	51
	75 1,2-Diphenylhydrazine	77	7.235	7.235	(0.907)	1261278	50.0000	52
$	18 2,4,6-Tribromophenol (SUR)	330	7.310	7.310	(1.121)	146844	50.0000	42
	50 4-Bromophenyl-phenylether	248	7.552	7.552	(0.947)	247742	50.0000	52
	51 Hexachlorobenzene	284	7.611	7.611	(0.954)	311967	50.0000	54
	112 Atrazine	200	7.758	7.758	(0.972)	198409	50.0000	50
	14 Pentachlorophenol	266	7.818	7.818	(0.980)	199393	50.0000	55
	132 Pentachloronitrobenzene	237	7.831	7.831	(0.982)	153399	50.0000	51
	115 n-Octadecane	57	7.934	7.934	(0.994)	620453	50.0000	56
*	83 Phenanthrene-d10	188	7.978	7.978	(1.000)	668230	40.0000	
	52 Phenanthrene	178	8.000	8.000	(1.003)	947421	50.0000	52
	53 Anthracene	178	8.053	8.053	(1.009)	1011569	50.0000	56
	54 Carbazole	167	8.223	8.223	(1.031)	748847	50.0000	48
	55 Di-n-butylphthalate	149	8.593	8.593	(1.077)	1246797	50.0000	50
	56 Fluoranthene	202	9.159	9.159	(1.148)	1063824	50.0000	55
	58 Benzidine	184	9.306	9.306	(1.166)	133129	50.0000	33
	57 Pyrene	202	9.372	9.372	(0.886)	959513	50.0000	48
$	78 Terphenyl-d14	244	9.548	9.548	(0.903)	787482	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.112	10.112	(0.956)	1437	0.50000	0.48(a)
	59 Butylbenzylphthalate	149	10.045	10.045	(0.950)	508780	50.0000	49
	124 Carbamazepine	193	10.134	10.134	(0.958)	343613	50.0000	48
	60 3,3'-Dichlorobenzidine	252	10.559	10.559	(0.999)	281310	50.0000	55
	61 Benzo(a)anthracene	228	10.559	10.559	(0.999)	848320	50.0000	47
*	81 Chrysene-d12	240	10.573	10.573	(1.000)	620319	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.645	10.645	(1.007)	614446	50.0000	47
	62 Chrysene	228	10.602	10.602	(1.003)	796792	50.0000	50
	64 Di-n-octylphthalate	149	11.379	11.379	(0.929)	937673	50.0000	46
	65 Benzo(b)fluoranthene	252	11.781	11.781	(0.962)	681274	50.0000	48
	66 Benzo(k)fluoranthene	252	11.817	11.817	(0.965)	701726	50.0000	49
	67 Benzo(a)pyrene	252	12.171	12.171	(0.994)	606777	50.0000	54
*	84 Perylene-d12	264	12.244	12.244	(1.000)	467871	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.588	13.588	(1.110)	577498	50.0000	57(M)
	69 Dibenz(a,h)anthracene	278	13.609	13.609	(1.111)	546354	50.0000	56
	70 Benzo(g,h,i)perylene	276	13.908	13.908	(1.136)	623495	50.0000	61

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78028.d
Report Date: 06-Jul-2012 09:36

QC Flag Legend

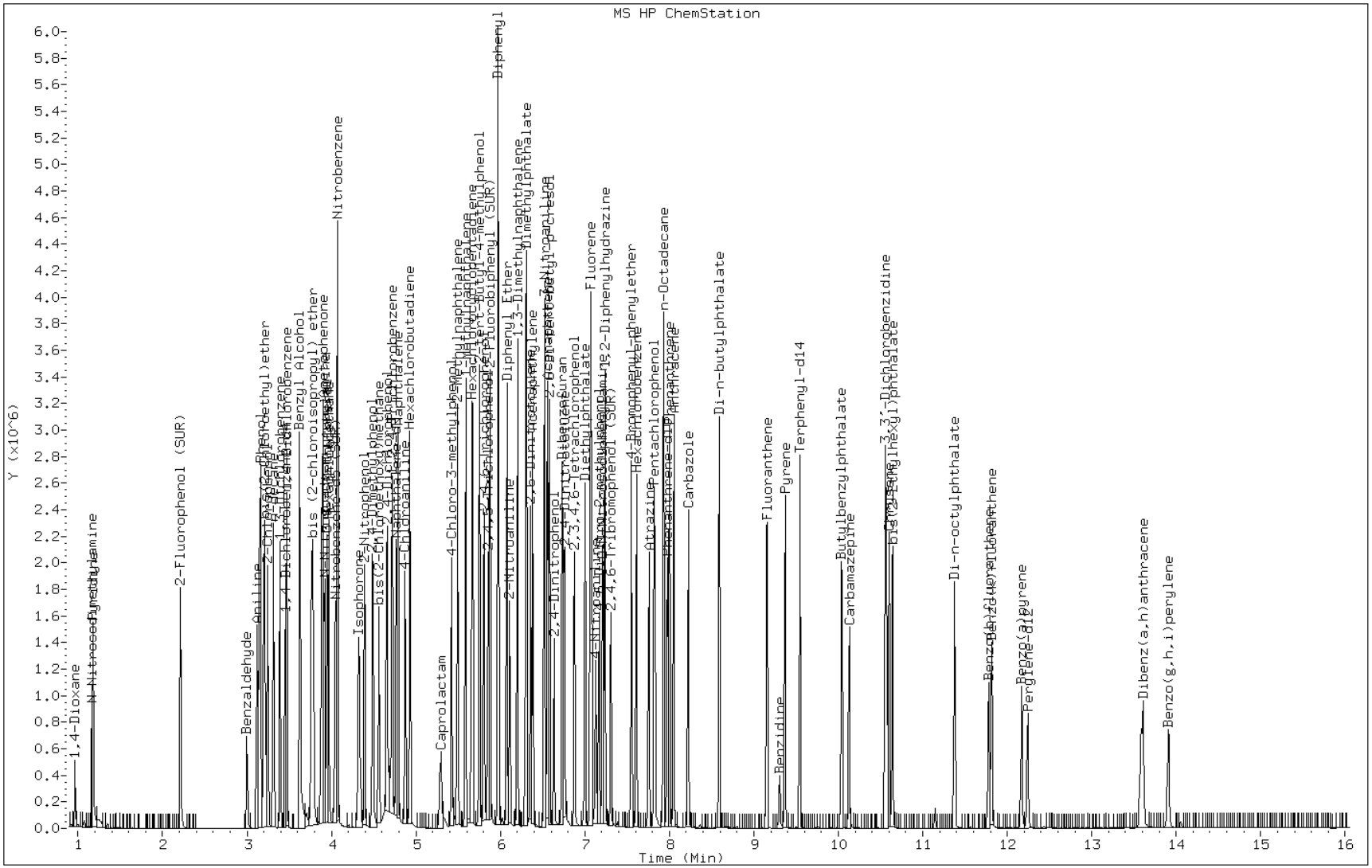
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u78028.d

Date: 06-JUL-2012 08:33

Client ID: Instrument: BNAMS4.i

Sample Info: CCVIS-1564229 Operator: BNAMS 4



Manual Integration Report

Data File: u78028.d
Inj. Date and Time: 06-JUL-2012 08:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 123 3 & 4 Methylphenol
CAS #: 15831-10-4
Report Date: 07/09/2012

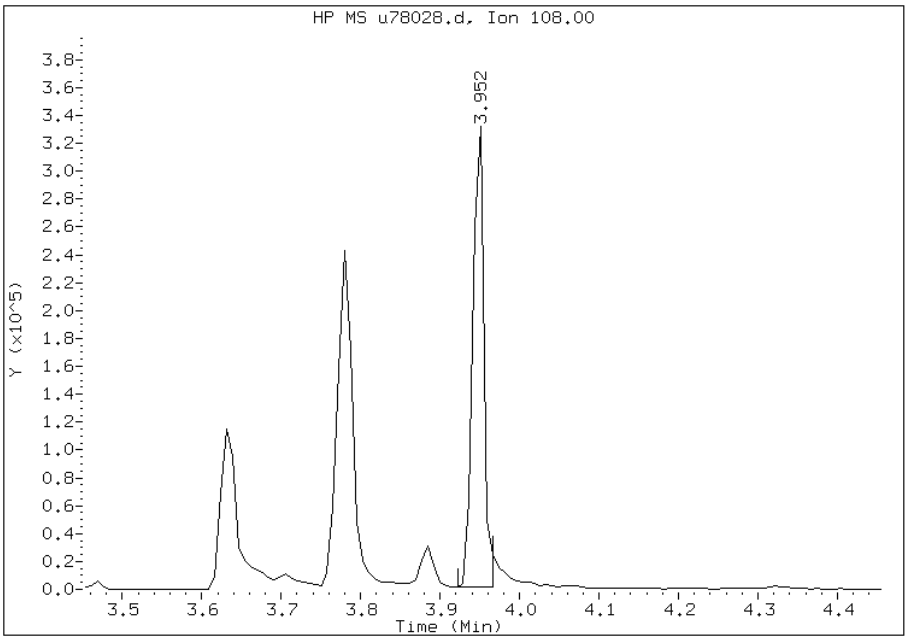
Processing Integration Results

RT: 3.95

Response: 324556

Amount: 50

Conc: 50



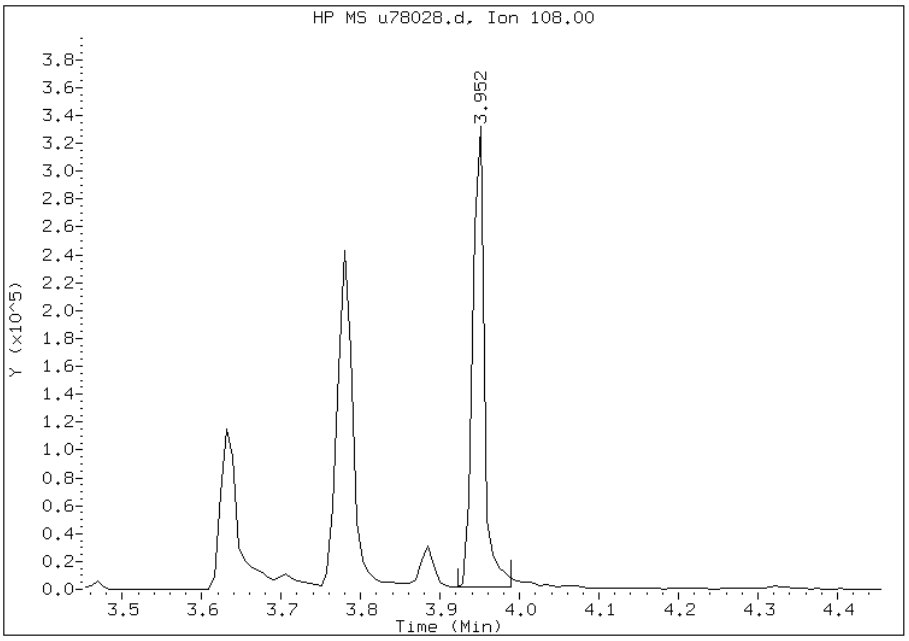
Manual Integration Results

RT: 3.95

Response: 335786

Amount: 51

Conc: 51



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u78028.d
Inj. Date and Time: 06-JUL-2012 08:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 4 4-Methylphenol
CAS #: 106-44-5
Report Date: 07/09/2012

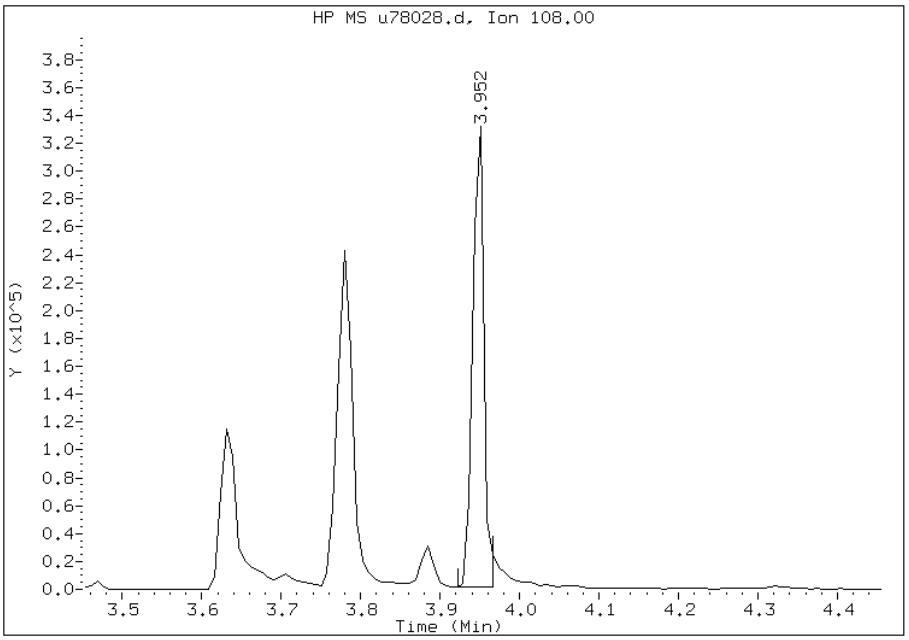
Processing Integration Results

RT: 3.95

Response: 324556

Amount: 50

Conc: 50



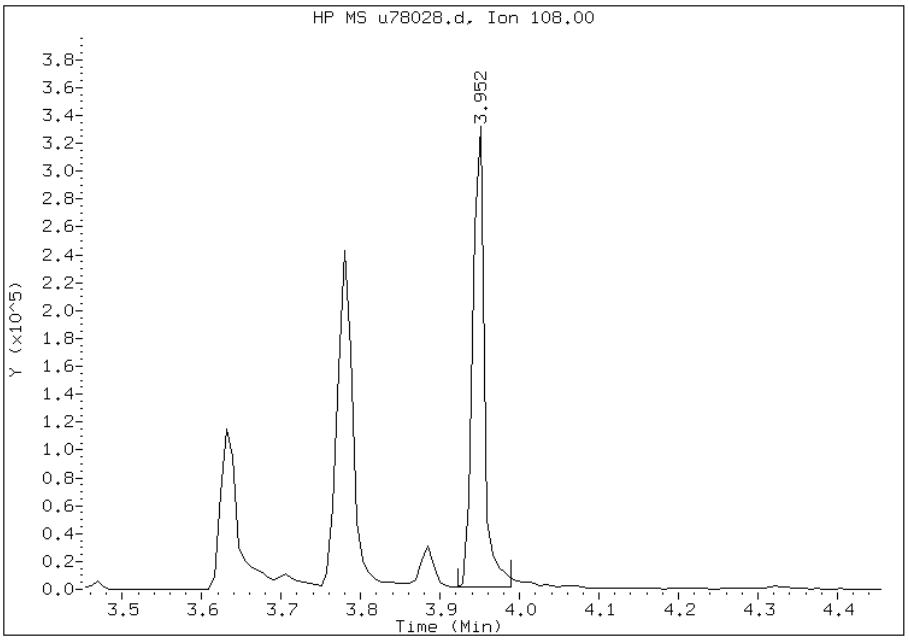
Manual Integration Results

RT: 3.95

Response: 335466

Amount: 51

Conc: 51



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u78028.d
Inj. Date and Time: 06-JUL-2012 08:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/09/2012

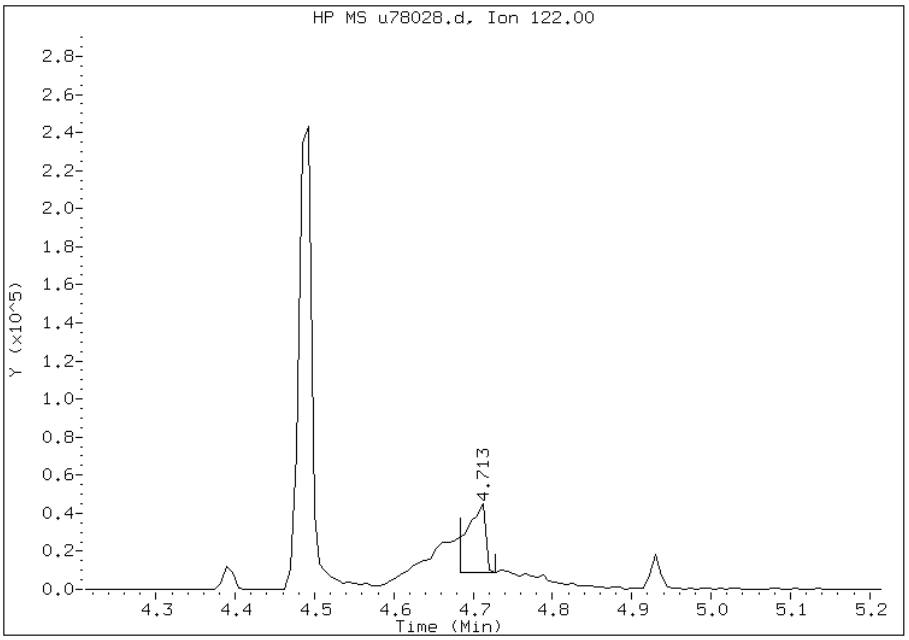
Processing Integration Results

RT: 4.71

Response: 60569

Amount: 17

Conc: 17



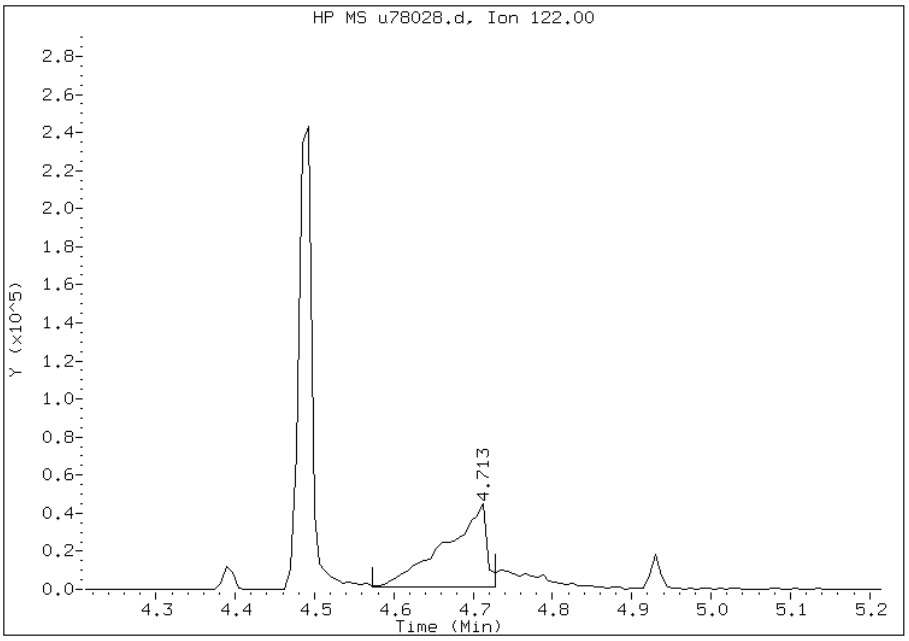
Manual Integration Results

RT: 4.71

Response: 156590

Amount: 43

Conc: 43



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u78028.d
Inj. Date and Time: 06-JUL-2012 08:33
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

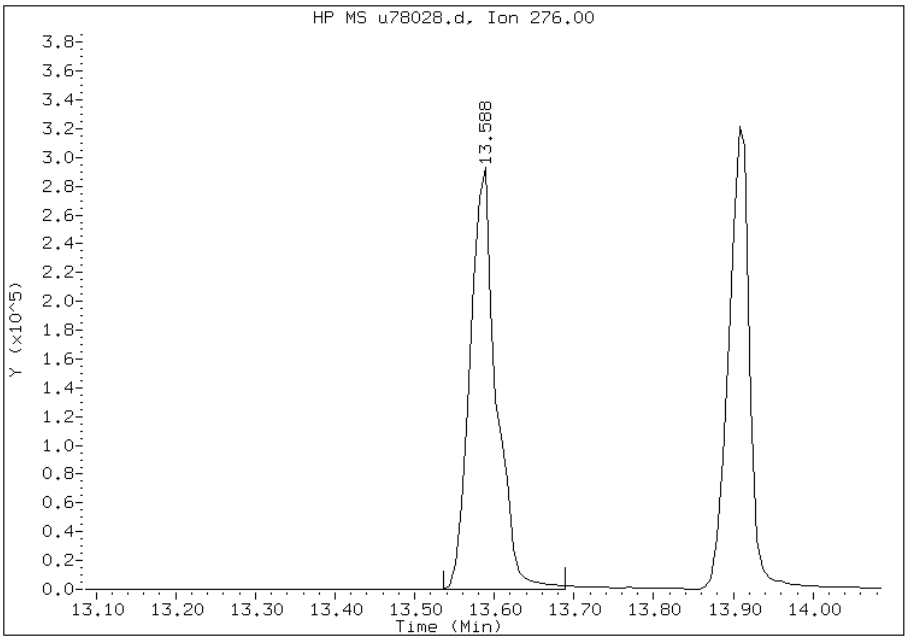
Processing Integration Results

RT: 13.59

Response: 685457

Amount: 67

Conc: 67



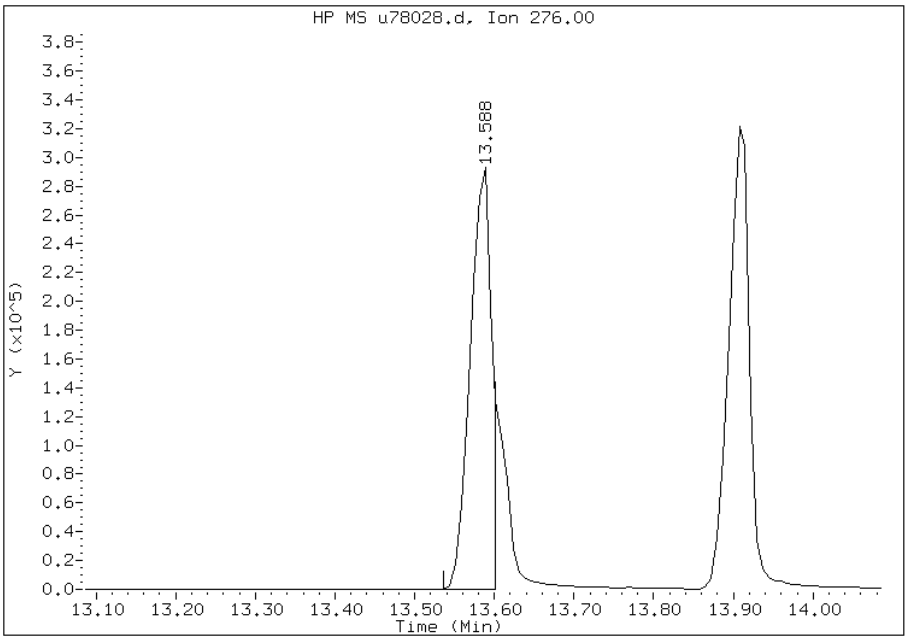
Manual Integration Results

RT: 13.59

Response: 577498

Amount: 57

Conc: 57



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-119055/2 Calibration Date: 07/08/2012 00:44

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78058.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4910	0.4784		48700	50000	-2.6	20.0
N-Nitrosodimethylamine	Ave	0.9554	0.9356		49000	50000	-2.1	20.0
Pyridine	Ave	1.597	1.533		48000	50000	-4.0	20.0
Benzaldehyde	Ave	0.7928	0.9320		58800	50000	17.6	20.0
Aniline	Ave	2.381	2.317		48600	50000	-2.7	20.0
Phenol	QuaF	2.331	2.194		49500	50000	-1.0	20.0
Bis(2-chloroethyl)ether	QuaF	1.806	1.796		53600	50000	7.2	20.0
2-Chlorophenol	Ave	1.327	1.346		50700	50000	1.4	20.0
Decane	Ave	2.027	2.177		53700	50000	7.4	20.0
1,3-Dichlorobenzene	Ave	1.568	1.617		51600	50000	3.1	20.0
1,4-Dichlorobenzene	Ave	1.671	1.715		51300	50000	2.7	20.0
1,2-Dichlorobenzene	Ave	1.669	1.638		49100	50000	-1.9	20.0
Benzyl alcohol	Ave	0.9514	0.8911		46800	50000	-6.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.165	3.219		50900	50000	1.7	20.0
2-Methylphenol	Ave	1.365	1.405		51500	50000	3.0	20.0
Acetophenone	Ave	2.529	2.433		48100	50000	-3.8	20.0
N-Nitrosodi-n-propylamine	Ave	1.776	1.944	0.0500	54700	50000	9.5	20.0
3 & 4 Methylphenol	QuaF	1.508	1.618		57200	50000	14.3	20.0
4-Methylphenol	QuaF	1.508	1.579		56000	50000	12.0	20.0
Hexachloroethane	Ave	0.8396	0.9354		55700	50000	11.4	20.0
n,n'-Dimethylaniline	Ave	2.059	2.064		50100	50000	0.3	20.0
Nitrobenzene	Ave	0.9900	0.8926		45100	50000	-9.8	20.0
Isophorone	Ave	1.110	1.094		49300	50000	-1.4	20.0
2-Nitrophenol	Ave	0.2131	0.2040		47900	50000	-4.3	20.0
2,4-Dimethylphenol	Ave	0.3036	0.3106		51200	50000	2.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.5464	0.5095		46600	50000	-6.7	20.0
2,4-Dichlorophenol	Ave	0.3824	0.3772		49300	50000	-1.4	20.0
Benzoic acid	QuaF	0.1746	0.1673		43200	50000	-13.5	20.0
1,2,4-Trichlorobenzene	Ave	0.4141	0.4121		49700	50000	-0.5	20.0
Naphthalene	Ave	0.997	0.9835		49300	50000	-1.4	20.0
4-Chloroaniline	Ave	0.3959	0.3924		49600	50000	-0.9	20.0
Hexachlorobutadiene	Ave	0.3330	0.3151		47300	50000	-5.4	20.0
Caprolactam	Ave	0.0929	0.0931		50100	50000	0.2	20.0
4-Chloro-3-methylphenol	Ave	0.4597	0.4515		49100	50000	-1.8	20.0
2-Methylnaphthalene	Ave	0.7053	0.6971		49400	50000	-1.2	20.0
1-Methylnaphthalene	Ave	0.7543	0.7626		50500	50000	1.1	20.0
Hexachlorocyclopentadiene	QuaF	0.3879	0.4031	0.0500	45200	50000	-9.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.8157	0.7512		46000	50000	-7.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.6102	0.6005		49200	50000	-1.6	20.0
2,4,6-Trichlorophenol	Ave	0.4665	0.4343		46600	50000	-6.9	20.0
2,4,5-Trichlorophenol	Ave	0.5038	0.4746		47100	50000	-5.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-119055/2 Calibration Date: 07/08/2012 00:44

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78058.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	QuaF	1.445	1.441		45600	50000	-8.9	20.0
2-Chloronaphthalene	Ave	1.161	1.131		48700	50000	-2.7	20.0
Diphenyl ether	Ave	0.7517	0.6549		43600	50000	-12.9	20.0
2-Nitroaniline	Ave	0.5946	0.5610		47200	50000	-5.7	20.0
Dimethylnaphthalene, total	Ave	0.8854	0.8670		49000	50000	-2.1	20.0
Coumarin	Ave	0.3104	0.3445		55500	50000	11.0	20.0
Dimethyl phthalate	Ave	1.454	1.372		47200	50000	-5.7	20.0
2,6-Dinitrotoluene	Ave	0.3193	0.3237		50700	50000	1.4	20.0
Acenaphthylene	Ave	1.632	1.689		51800	50000	3.5	20.0
3-Nitroaniline	Ave	0.2896	0.3205		55300	50000	10.7	20.0
Acenaphthene	QuaF	1.088	1.081		48300	50000	-3.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.106	1.000		45200	50000	-9.5	20.0
2,4-Dinitrophenol	QuaF	0.1895	0.1756	0.0500	44900	50000	-10.3	20.0
Dibenzofuran	Ave	1.638	1.566		47800	50000	-4.4	20.0
4-Nitrophenol	Ave	0.4612	0.4786	0.0500	51900	50000	3.8	20.0
2,4-Dinitrotoluene	Ave	0.4563	0.4436		48600	50000	-2.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4258	0.3864		45400	50000	-9.3	20.0
Diethyl phthalate	Ave	1.616	1.535		47500	50000	-5.0	20.0
Fluorene	Ave	1.365	1.401		51300	50000	2.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.7350	0.7398		50300	50000	0.7	20.0
4-Nitroaniline	Ave	0.2521	0.2329		46200	50000	-7.6	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1711	0.1684		45900	50000	-8.3	20.0
N-Nitrosodiphenylamine	Ave	0.5242	0.5026		47900	50000	-4.1	20.0
1,2-Diphenylhydrazine	Ave	1.465	1.534		52400	50000	4.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2859	0.2777		48600	50000	-2.9	20.0
Hexachlorobenzene	Ave	0.3474	0.3563		51300	50000	2.5	20.0
Atrazine	Ave	0.2376	0.2213		46600	50000	-6.8	20.0
Pentachlorophenol	QuaF	0.1994	0.2358		54300	50000	8.6	20.0
Pentachloronitrobenzene	Ave	0.1807	0.1759		48700	50000	-2.7	
n-Octadecane	Ave	0.6566	0.6556		49900	50000	-0.1	20.0
Phenanthrene	Ave	1.095	1.135		51800	50000	3.7	20.0
Anthracene	Ave	1.079	1.192		55200	50000	10.4	20.0
Carbazole	Ave	0.9382	0.9235		49200	50000	-1.6	20.0
Di-n-butyl phthalate	Ave	1.489	1.570		52700	50000	5.4	20.0
Fluoranthene	Ave	1.156	1.188		51400	50000	2.8	20.0
Benzidine	Ave	0.2380	0.1470		30900	50000	-38.2*	20.0
Pyrene	Ave	1.280	1.405		54900	50000	9.7	20.0
Butyl benzyl phthalate	Ave	0.6674	0.6699		50200	50000	0.4	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1949	0.1236		317	500	-36.6*	20.0
Carbamazepine	Ave	0.4595	0.4034		43900	50000	-12.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVIS 460-119055/2 Calibration Date: 07/08/2012 00:44

Instrument ID: BNAMS4 Calib Start Date: 06/28/2012 17:45

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/28/2012 19:33

Lab File ID: u78058.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3564	0.3746		56800	50000	13.7	20.0
Benzo[a]anthracene	Ave	1.156	1.141		49400	50000	-1.3	20.0
Chrysene	Ave	1.037	1.043		50300	50000	0.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8482	0.8536		50300	50000	0.6	20.0
Di-n-octyl phthalate	Ave	1.753	1.985		56600	50000	13.3	20.0
Benzo[b]fluoranthene	Ave	1.217	1.258		51700	50000	3.4	20.0
Benzo[k]fluoranthene	Ave	1.225	1.281		52300	50000	4.6	20.0
Benzo[a]pyrene	Ave	0.9591	1.015		52900	50000	5.8	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8258	0.9025		52900	50000	5.8	20.0
Dibenz(a,h)anthracene	QuaF	0.7883	0.7908		48600	50000	-2.7	20.0
Benzo[g,h,i]perylene	Ave	0.8698	0.8264		47500	50000	-5.0	20.0
2-Fluorophenol	Ave	1.226	1.215		49600	50000	-0.9	20.0
Phenol-d5	Ave	2.118	2.259		53300	50000	6.6	20.0
Nitrobenzene-d5	Ave	0.7098	0.6918		48700	50000	-2.5	20.0
2-Fluorobiphenyl	Ave	1.374	1.264		46000	50000	-8.0	20.0
2,4,6-Tribromophenol	Ave	0.3079	0.2938		47700	50000	-4.6	20.0
Terphenyl-d14	Ave	1.013	1.056		52100	50000	4.2	20.0

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78058.d
Report Date: 08-Jul-2012 01:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78058.d
Lab Smp Id: CCVIS-1564229
Inj Date : 08-JUL-2012 00:44
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : CCVIS-1564229
Misc Info : 50 ppm bna 4672
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/8270C_11.m
Meth Date : 08-Jul-2012 01:09 wahied Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	0.959	0.959	(0.279)	117269	50.0000	49
	19 N-Nitrosodimethylamine	74	1.157	1.157	(0.336)	229340	50.0000	49
	71 Pyridine	79	1.172	1.172	(0.340)	375778	50.0000	48
$	16 2-Fluorophenol (SUR)	112	2.204	2.204	(0.640)	297783	50.0000	50
	110 Benzaldehyde	77	2.991	2.991	(0.869)	228450	50.0000	59
	73 Aniline	93	3.116	3.116	(0.905)	567891	50.0000	49
$	17 Phenol-d5 (SUR)	99	3.146	3.146	(0.914)	553721	50.0000	53
	1 Phenol	94	3.160	3.160	(0.918)	537910	50.0000	49
	20 bis(2-Chloroethyl)ether	93	3.197	3.197	(0.929)	440310	50.0000	54
	2 2-Chlorophenol	128	3.242	3.242	(0.942)	329961	50.0000	51
	113 n-decane	43	3.309	3.309	(0.961)	533652	50.0000	54
	21 1,3-Dichlorobenzene	146	3.382	3.382	(0.983)	396408	50.0000	52
*	79 1,4-Dichlorobenzene-d4	152	3.442	3.442	(1.000)	196100	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78058.d
Report Date: 08-Jul-2012 01:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.464	3.464	(1.007)	420351	50.0000	51
	74 Benzyl Alcohol	108	3.632	3.632	(1.055)	218429	50.0000	47
	23 1,2-Dichlorobenzene	146	3.618	3.618	(1.051)	401440	50.0000	49
	24 bis (2-chloroisopropyl) ether	45	3.757	3.757	(1.092)	789176	50.0000	51
	3 2-Methylphenol	108	3.778	3.778	(1.098)	344391	50.0000	51
	104 Acetophenone	105	3.895	3.895	(1.132)	596451	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	3.917	3.917	(1.138)	476590	50.0000	55
	4 4-Methylphenol	108	3.946	3.946	(1.147)	387168	50.0000	56
	123 3 & 4 Methylphenol	108	3.946	3.946	(1.147)	396636	50.0000	57
	26 Hexachloroethane	117	3.954	3.954	(1.149)	229285	50.0000	56
$	76 Nitrobenzene-d5 (SUR)	82	4.043	4.043	(0.849)	691765	50.0000	49
	27 Nitrobenzene	77	4.065	4.065	(0.854)	892584	50.0000	45
	107 N,N-Dimethylaniline	120	4.065	4.065	(1.181)	506032	50.0000	50
	28 Isophorone	82	4.323	4.323	(0.908)	1093848	50.0000	49
	5 2-Nitrophenol	139	4.389	4.389	(0.922)	203957	50.0000	48
	6 2,4-Dimethylphenol	122	4.484	4.484	(0.942)	310614	50.0000	51
	29 bis(2-Chloroethoxy)methane	93	4.556	4.556	(0.957)	509517	50.0000	47
	7 2,4-Dichlorophenol	162	4.651	4.651	(0.977)	377207	50.0000	49
	15 Benzoic Acid	122	4.708	4.708	(0.989)	167253	50.0000	43(M)
	30 1,2,4-Trichlorobenzene	180	4.716	4.716	(0.991)	412041	50.0000	50
*	80 Naphthalene-d8	136	4.760	4.760	(1.000)	799992	40.0000	
	31 Naphthalene	128	4.782	4.782	(1.004)	983448	50.0000	49
	32 4-Chloroaniline	127	4.871	4.871	(1.023)	392386	50.0000	50
	33 Hexachlorobutadiene	225	4.923	4.923	(1.034)	315107	50.0000	47
	111 Caprolactam	113	5.321	5.321	(1.118)	93053	50.0000	50
	8 4-Chloro-3-methylphenol	107	5.425	5.425	(1.140)	451506	50.0000	49
	34 2-Methylnaphthalene	142	5.491	5.491	(1.153)	697098	50.0000	49
	120 1-Methylnaphthalene	142	5.586	5.586	(1.173)	762555	50.0000	50
	35 Hexachlorocyclopentadiene	237	5.653	5.653	(0.867)	299813	50.0000	45
	129 1,2,4,5-Tetrachlorobenzene	216	5.668	5.668	(0.869)	558807	50.0000	46
	121 2-tert-Butyl-4-methylphenol	149	5.749	5.749	(1.208)	600514	50.0000	49
	9 2,4,6-Trichlorophenol	196	5.802	5.802	(0.889)	323082	50.0000	46
	10 2,4,5-Trichlorophenol	196	5.854	5.854	(0.897)	353038	50.0000	47
$	77 2-Fluorobiphenyl (SUR)	172	5.877	5.877	(0.901)	940414	50.0000	46
	102 Diphenyl	154	5.966	5.966	(0.915)	1072185	50.0000	46
	36 2-Chloronaphthalene	162	5.973	5.973	(0.916)	840982	50.0000	49
	103 Diphenyl Ether	170	6.076	6.076	(0.931)	487180	50.0000	44
	37 2-Nitroaniline	65	6.105	6.105	(0.936)	417295	50.0000	47
	125 1,3-Dimethylnaphthalene	156	6.200	6.200	(0.950)	644885	50.0000	49
	38 Dimethylphthalate	163	6.304	6.304	(0.966)	1020476	50.0000	47
	114 Coumarin	146	6.304	6.304	(1.324)	344512	50.0000	56
	40 2,6-Dinitrotoluene	165	6.362	6.362	(0.975)	240769	50.0000	51
	39 Acenaphthylene	152	6.384	6.384	(0.979)	1256477	50.0000	52
	41 3-Nitroaniline	138	6.523	6.523	(1.000)	238393	50.0000	55
*	82 Acenaphthene-d10	164	6.523	6.523	(1.000)	595083	40.0000	
	42 Acenaphthene	154	6.553	6.553	(1.005)	804109	50.0000	48
	122 2,6-Di-tert-butyl-p-cresol	205	6.581	6.581	(1.009)	743979	50.0000	45

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78058.d
Report Date: 08-Jul-2012 01:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.633	6.633	(1.017)	130608	50.0000	45
	12 4-Nitrophenol	65	6.752	6.752	(1.035)	356040	50.0000	52
	43 Dibenzofuran	168	6.730	6.730	(1.032)	1165090	50.0000	48
	44 2,4-Dinitrotoluene	165	6.760	6.760	(1.036)	329957	50.0000	49
	130 2,3,4,6-Tetrachlorophenol	232	6.871	6.871	(1.053)	287419	50.0000	45
	45 Diethylphthalate	149	7.005	7.005	(1.074)	1141749	50.0000	47
	47 Fluorene	166	7.063	7.063	(1.083)	1042084	50.0000	51
	46 4-Chlorophenyl-phenylether	204	7.078	7.078	(1.085)	550318	50.0000	50
	48 4-Nitroaniline	138	7.144	7.144	(1.095)	173208	50.0000	46
	13 4,6-Dinitro-2-methylphenol	198	7.172	7.172	(0.899)	195575	50.0000	46
	49 N-Nitrosodiphenylamine	169	7.208	7.208	(0.903)	583807	50.0000	48
	75 1,2-Diphenylhydrazine	77	7.238	7.238	(0.907)	1781897	50.0000	52
$	18 2,4,6-Tribromophenol (SUR)	330	7.305	7.305	(1.120)	218556	50.0000	48
	50 4-Bromophenyl-phenylether	248	7.550	7.550	(0.946)	322527	50.0000	48
	51 Hexachlorobenzene	284	7.608	7.608	(0.954)	413818	50.0000	51
	112 Atrazine	200	7.763	7.763	(0.973)	257061	50.0000	46
	14 Pentachlorophenol	266	7.822	7.822	(0.980)	273852	50.0000	54
	132 Pentachloronitrobenzene	237	7.829	7.829	(0.981)	204250	50.0000	49
	115 n-Octadecane	57	7.933	7.933	(0.994)	761515	50.0000	50
*	83 Phenanthrene-d10	188	7.978	7.978	(1.000)	929199	40.0000	
	52 Phenanthrene	178	8.000	8.000	(1.003)	1318753	50.0000	52
	53 Anthracene	178	8.053	8.053	(1.009)	1383938	50.0000	55
	54 Carbazole	167	8.223	8.223	(1.031)	1072597	50.0000	49
	55 Di-n-butylphthalate	149	8.591	8.591	(1.077)	1823038	50.0000	53
	56 Fluoranthene	202	9.157	9.157	(1.148)	1380364	50.0000	51
	58 Benzidine	184	9.297	9.297	(1.165)	170771	50.0000	31
	57 Pyrene	202	9.372	9.372	(0.887)	1417272	50.0000	55
$	78 Terphenyl-d14	244	9.542	9.542	(0.903)	1065089	50.0000	52
	109 2,3,7,8-TCDD (Screen)	320	10.110	10.110	(0.956)	1247	0.50000	0.32(a)
	59 Butylbenzylphthalate	149	10.036	10.036	(0.949)	675872	50.0000	50
	124 Carbamazepine	193	10.132	10.132	(0.958)	406967	50.0000	44
	60 3,3'-Dichlorobenzidine	252	10.557	10.557	(0.999)	377970	50.0000	57
	61 Benzo(a)anthracene	228	10.557	10.557	(0.999)	1151091	50.0000	49
*	81 Chrysene-d12	240	10.571	10.571	(1.000)	807138	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.636	10.636	(1.006)	861169	50.0000	50
	62 Chrysene	228	10.606	10.606	(1.003)	1052308	50.0000	50
	64 Di-n-octylphthalate	149	11.372	11.372	(0.930)	1228918	50.0000	57
	65 Benzo(b)fluoranthene	252	11.777	11.777	(0.963)	778775	50.0000	52
	66 Benzo(k)fluoranthene	252	11.814	11.814	(0.966)	793166	50.0000	52
	67 Benzo(a)pyrene	252	12.167	12.167	(0.995)	628077	50.0000	53
*	84 Perylene-d12	264	12.233	12.233	(1.000)	495165	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.575	13.575	(1.110)	558603	50.0000	53(M)
	69 Dibenz(a,h)anthracene	278	13.605	13.605	(1.112)	489440	50.0000	49
	70 Benzo(g,h,i)perylene	276	13.899	13.899	(1.136)	511516	50.0000	48

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78058.d
Report Date: 08-Jul-2012 01:09

QC Flag Legend

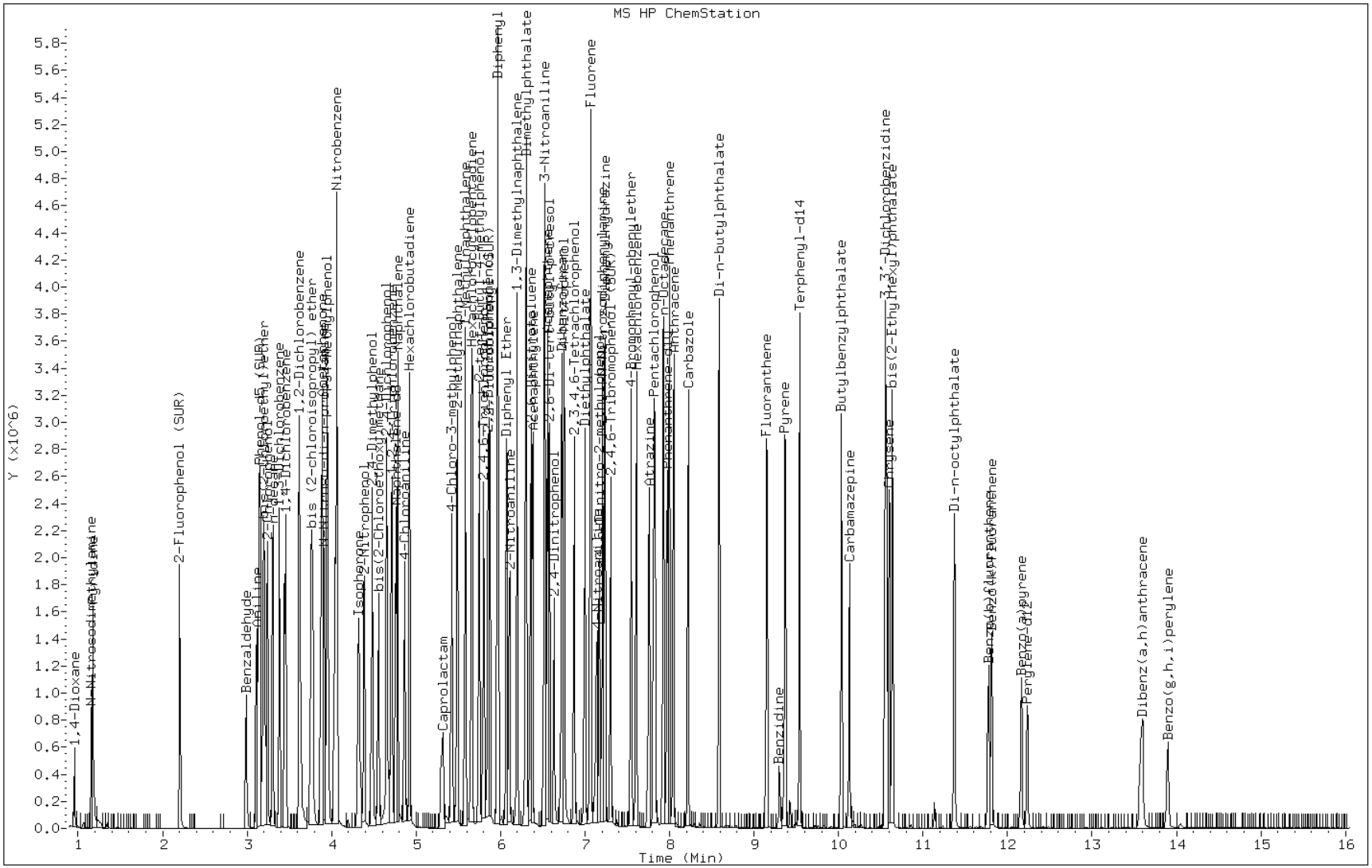
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: u78058.d

Date: 08-JUL-2012 00:44

Client ID: Instrument: BNAMS4.i

Sample Info: CCVIS-1564229 Operator: BNAMS 4



Manual Integration Report

Data File: u78058.d
Inj. Date and Time: 08-JUL-2012 00:44
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/09/2012

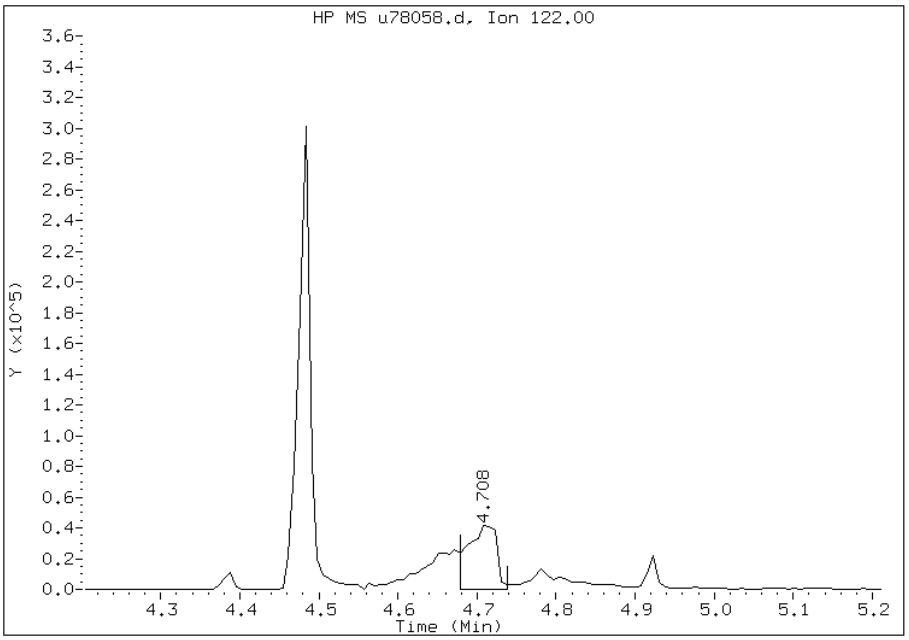
Processing Integration Results

RT: 4.71

Response: 108900

Amount: 28

Conc: 28



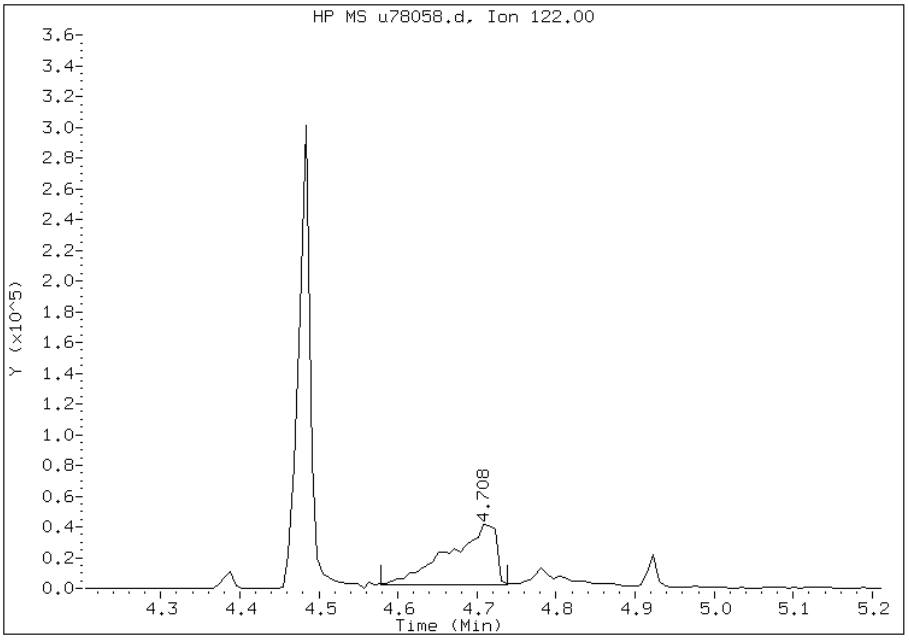
Manual Integration Results

RT: 4.71

Response: 167253

Amount: 43

Conc: 43



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u78058.d
Inj. Date and Time: 08-JUL-2012 00:44
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

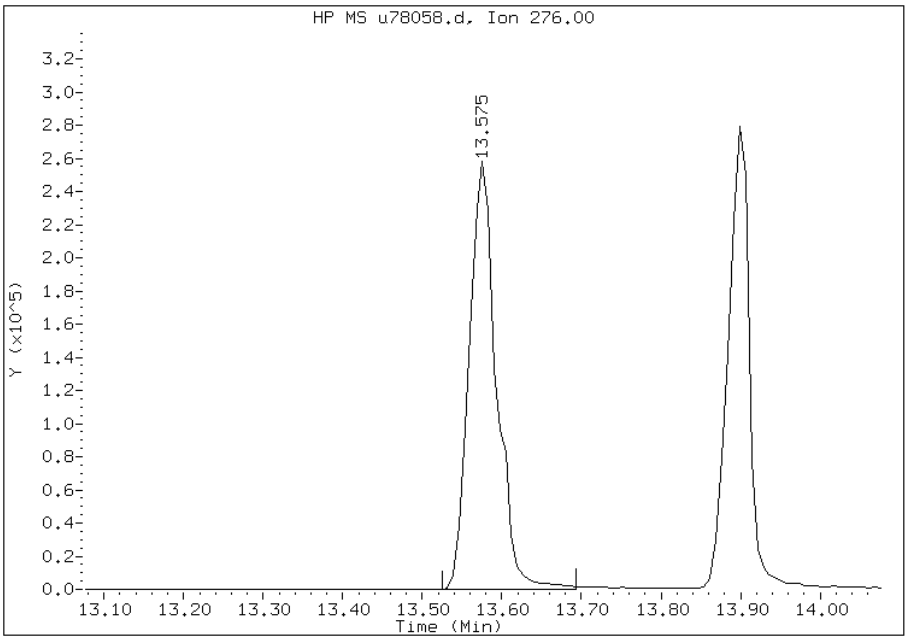
Processing Integration Results

RT: 13.58

Response: 627417

Amount: 59

Conc: 59



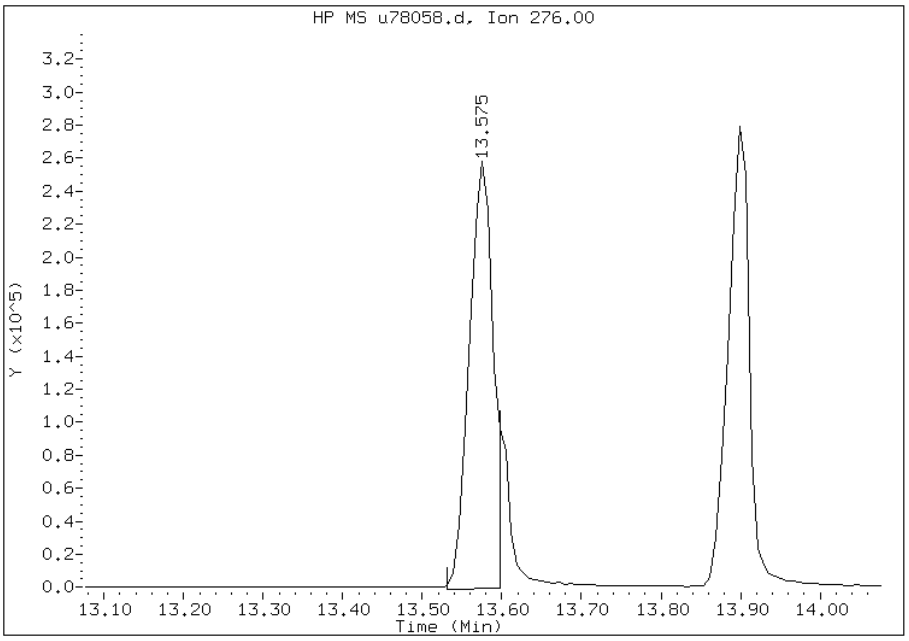
Manual Integration Results

RT: 13.58

Response: 558603

Amount: 53

Conc: 53



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31436.d
Report Date: 29-Jun-2012 07:08

TestAmerica

Data file : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31436.d
Lab Smp Id: DFTPP-1427854
Inj Date : 29-JUN-2012 04:27
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-1427854
Misc Info : bna 4642
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/29jun12.b/BNADFTPP.m
Meth Date : 25-Jun-2012 13:39 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

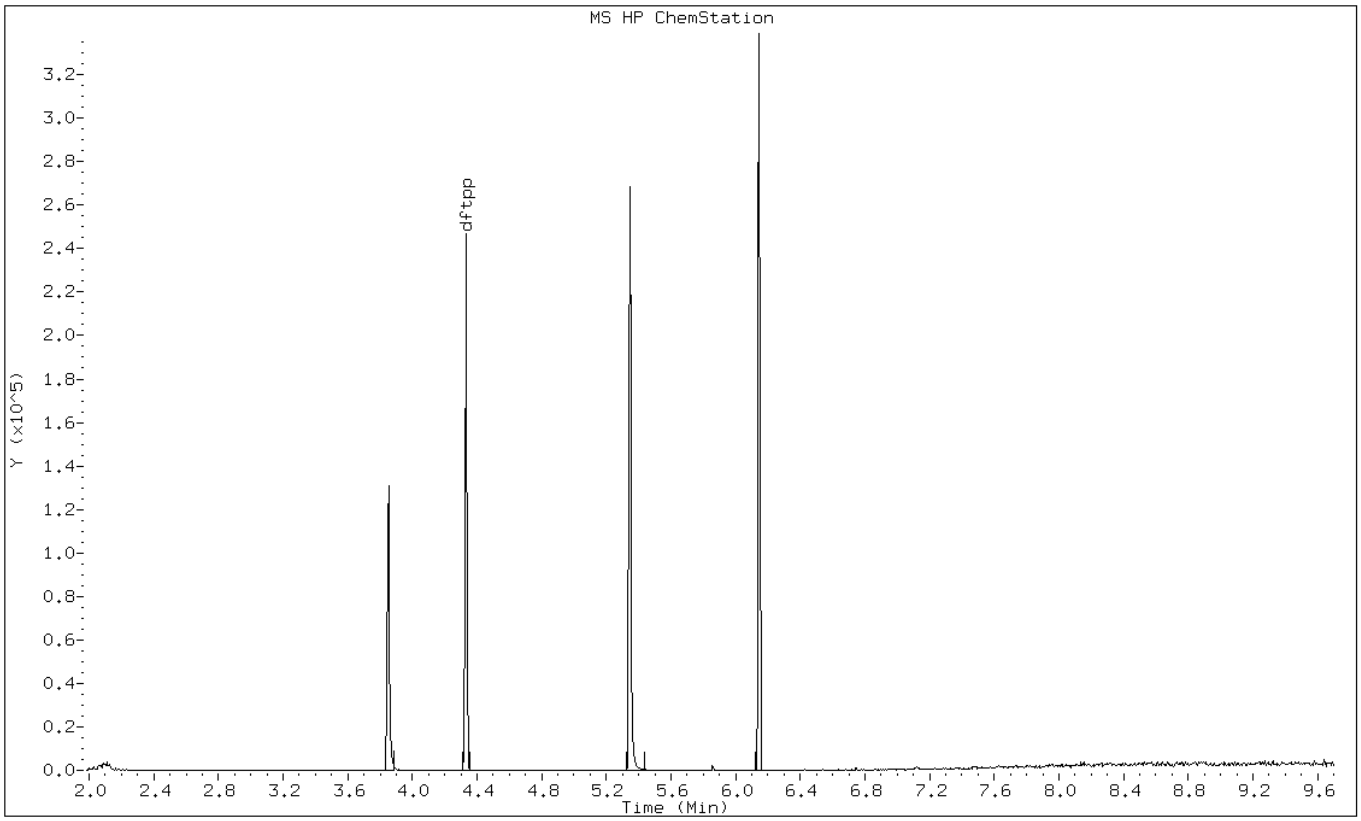
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.329	4.350	-0.021	198	21228			0.00- 100.00	100.00
4.329	4.350	-0.021	51	10288			30.00- 60.00	48.46
4.329	4.350	-0.021	68	0			0.00- 2.00	0.00
4.329	4.350	-0.021	69	11310			0.00- 0.00	53.28
4.329	4.350	-0.021	70	0			0.00- 2.00	0.00
4.329	4.350	-0.021	127	11947			40.00- 60.00	56.28
4.329	4.350	-0.021	197	0			0.00- 1.00	0.00
4.329	4.350	-0.021	199	1406			5.00- 9.00	6.62
4.329	4.350	-0.021	275	5266			10.00- 30.00	24.81
4.329	4.350	-0.021	365	738			1.00- 0.00	3.48
4.329	4.350	-0.021	441	2381			0.01- 100.00	83.11
4.329	4.350	-0.021	442	15488			40.00- 110.00	72.96
4.329	4.350	-0.021	443	2865			17.00- 23.00	18.50

Data File: p31436.d

Date: 29-JUN-2012 04:27

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNAMS3



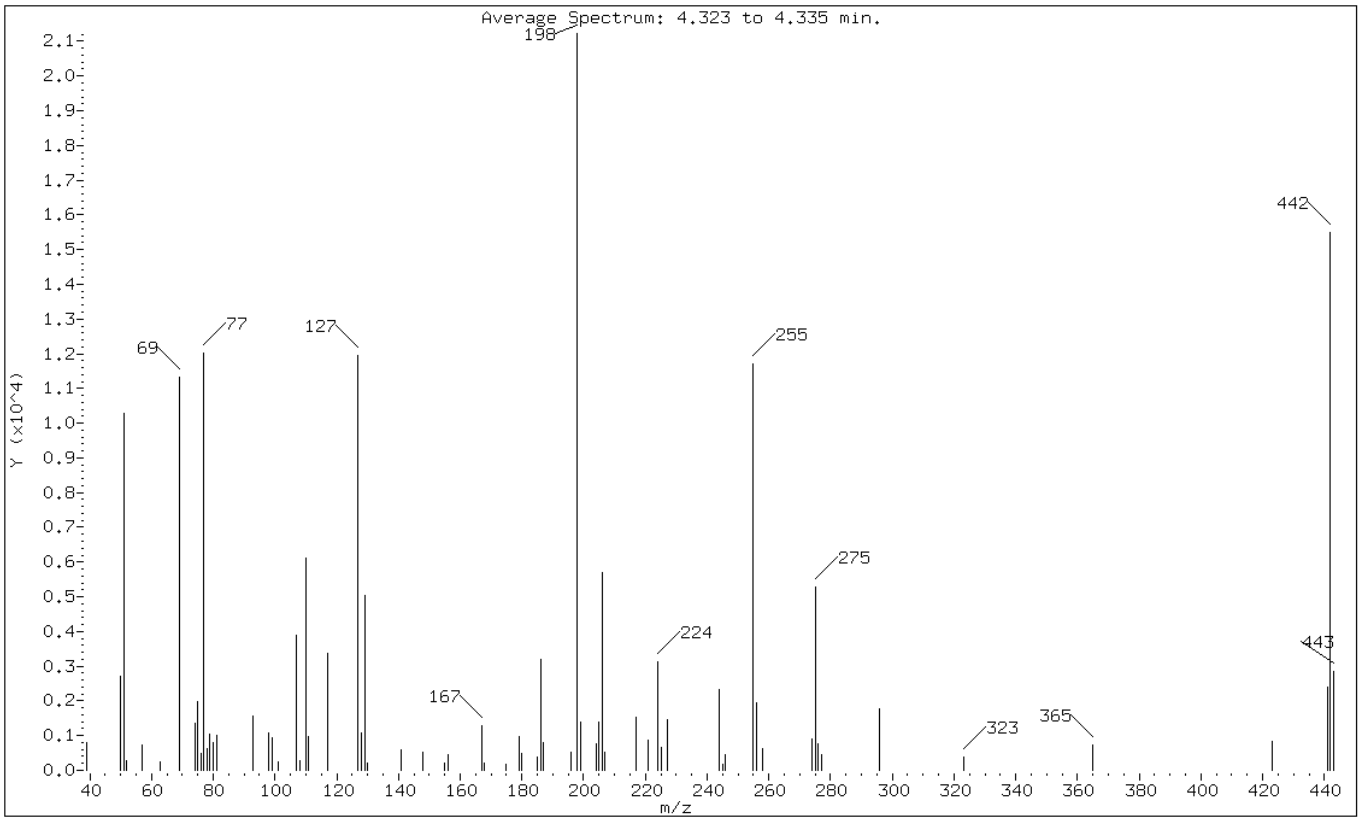
Data File: p31436.d

Date: 29-JUN-2012 04:27

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.46
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	53.28
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	56.28
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	24.81
365	Greater than 1.00% of mass 198	3.48
441	0.01 - 100.00% of mass 443	11.22 (83.11)
442	40.00 - 110.00% of mass 198	72.96
443	17.00 - 23.00% of mass 442	13.50 (18.50)

Data File: p31436.d

Date: 29-JUN-2012 04:27

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1427854

Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/06-29-12/29jun12.b/p31436.d
Spectrum: Average Spectrum: 4.323 to 4.335 min.
Location of Maximum: 198.00
Number of points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	794	101.00	238	180.00	474	246.00	451
50.00	2706	107.00	3905	185.00	371	255.00	11705
51.00	10288	108.00	279	186.00	3209	256.00	1940
52.00	262	110.00	6124	187.00	803	258.00	610
57.00	721	111.00	982	196.00	509	274.00	910
63.00	237	117.00	3376	198.00	21224	275.00	5266
69.00	11310	127.00	11947	199.00	1406	276.00	753
74.00	1348	128.00	1090	204.00	776	277.00	435
75.00	1988	129.00	5038	205.00	1380	296.00	1788
76.00	476	130.00	222	206.00	5689	323.00	374
77.00	12012	141.00	577	207.00	531	365.00	738
78.00	613	148.00	514	217.00	1520	423.00	837
79.00	1041	155.00	225	221.00	865	441.00	2381
80.00	799	156.00	468	224.00	3126	442.00	15488
81.00	1003	167.00	1289	225.00	671	443.00	2865
93.00	1550	168.00	213	227.00	1462		
98.00	1081	175.00	171	244.00	2338		
99.00	948	179.00	960	245.00	169		

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31641.d
Report Date: 06-Jul-2012 09:22

TestAmerica

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31641.d
Lab Smp Id: DFTPP-1427854
Inj Date : 06-JUL-2012 09:07
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1427854
Misc Info : bna 4642
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/BNADFTPP.m
Meth Date : 25-Jun-2012 13:39 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

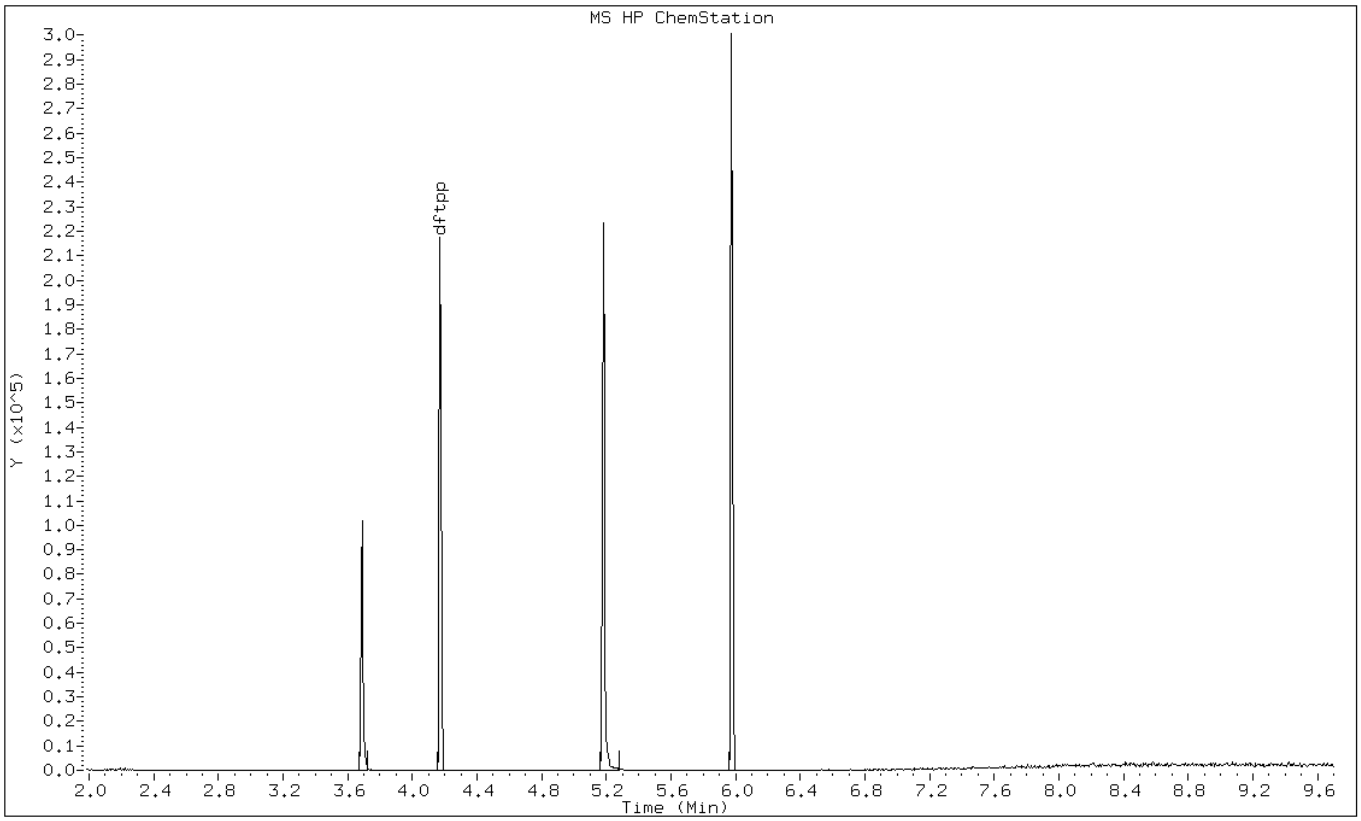
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.171	4.350	-0.179	198	17747			0.00- 100.00	100.00
4.171	4.350	-0.179	51	8645			30.00- 60.00	48.71
4.171	4.350	-0.179	68	0			0.00- 2.00	0.00
4.171	4.350	-0.179	69	9312			0.00- 0.00	52.47
4.171	4.350	-0.179	70	0			0.00- 2.00	0.00
4.171	4.350	-0.179	127	9779			40.00- 60.00	55.10
4.171	4.350	-0.179	197	0			0.00- 1.00	0.00
4.171	4.350	-0.179	199	1241			5.00- 9.00	6.99
4.171	4.350	-0.179	275	4778			10.00- 30.00	26.92
4.171	4.350	-0.179	365	671			1.00- 0.00	3.78
4.171	4.350	-0.179	441	1795			0.01- 100.00	70.72
4.171	4.350	-0.179	442	12778			40.00- 110.00	72.00
4.171	4.350	-0.179	443	2538			17.00- 23.00	19.86

Data File: p31641.d

Date: 06-JUL-2012 09:07

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNA2



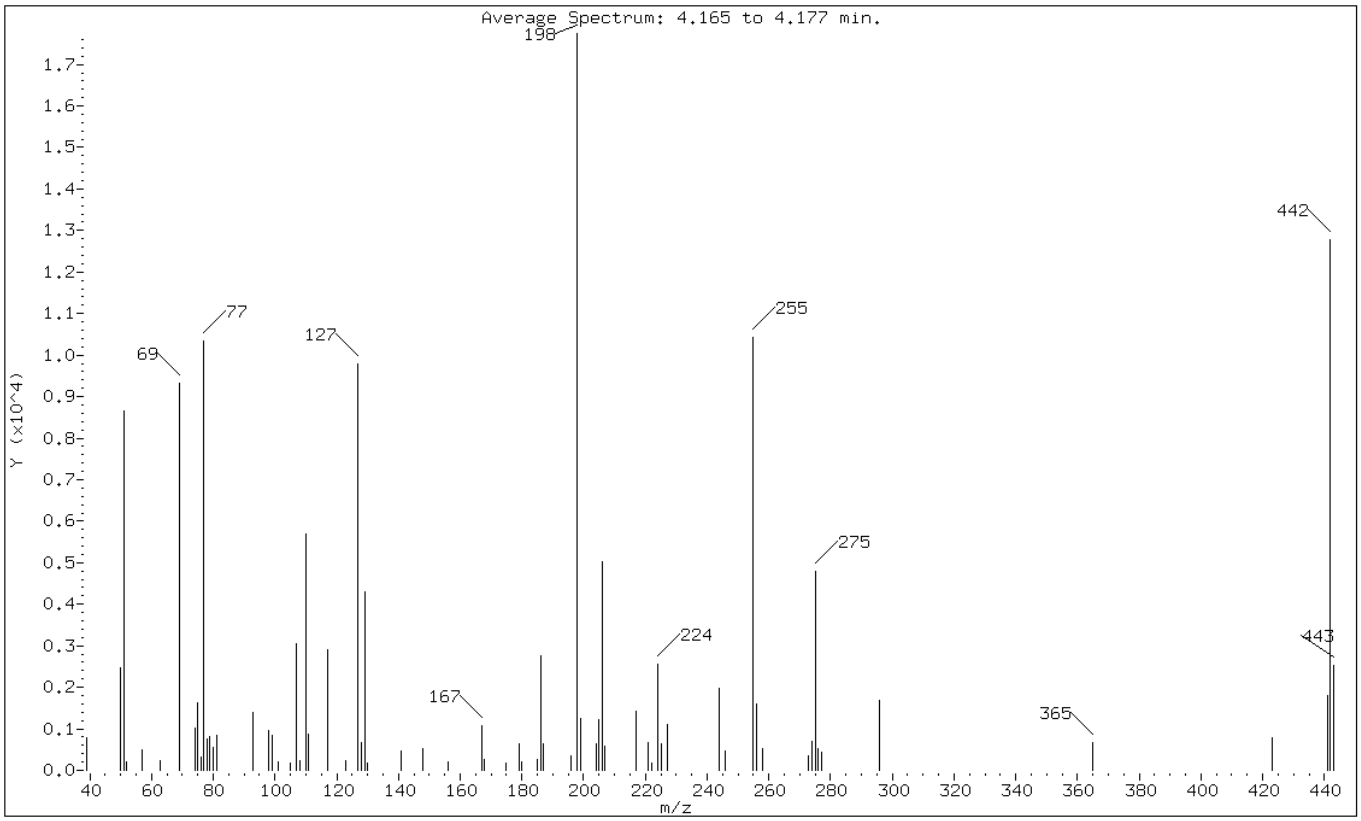
Data File: p31641.d

Date: 06-JUL-2012 09:07

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.71
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	52.47
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	55.10
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.99
275	10.00 - 30.00% of mass 198	26.92
365	Greater than 1.00% of mass 198	3.78
441	0.01 - 100.00% of mass 443	10.11 (70.72)
442	40.00 - 110.00% of mass 198	72.00
443	17.00 - 23.00% of mass 442	14.30 (19.86)

Data File: p31641.d

Date: 06-JUL-2012 09:07

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31641.d
Spectrum: Average Spectrum: 4.165 to 4.177 min.
Location of Maximum: 198.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	794	101.00	200	179.00	648	244.00	1988
50.00	2460	105.00	177	180.00	196	246.00	463
51.00	8645	107.00	3036	185.00	250	255.00	10414
52.00	207	108.00	244	186.00	2755	256.00	1605
57.00	487	110.00	5694	187.00	653	258.00	530
63.00	227	111.00	862	196.00	362	273.00	349
69.00	9312	117.00	2911	198.00	17744	274.00	711
74.00	1007	123.00	234	199.00	1241	275.00	4778
75.00	1627	127.00	9779	204.00	653	276.00	514
76.00	316	128.00	676	205.00	1215	277.00	432
77.00	10351	129.00	4304	206.00	5015	296.00	1689
78.00	757	130.00	171	207.00	581	365.00	671
79.00	809	141.00	472	217.00	1411	423.00	777
80.00	546	148.00	520	221.00	676	441.00	1795
81.00	851	156.00	209	222.00	174	442.00	12778
93.00	1380	167.00	1078	224.00	2552	443.00	2538
98.00	946	168.00	266	225.00	630		
99.00	834	175.00	184	227.00	1114		

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77813.d
Report Date: 29-Jun-2012 12:57

TestAmerica

Data file : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77813.d
Lab Smp Id: DFTPP-1427854
Inj Date : 28-JUN-2012 17:27
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1427854
Misc Info : 25ng/uL DFTPP Lot 4642
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/BNADFTPP.m
Meth Date : 24-Jun-2012 02:05 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

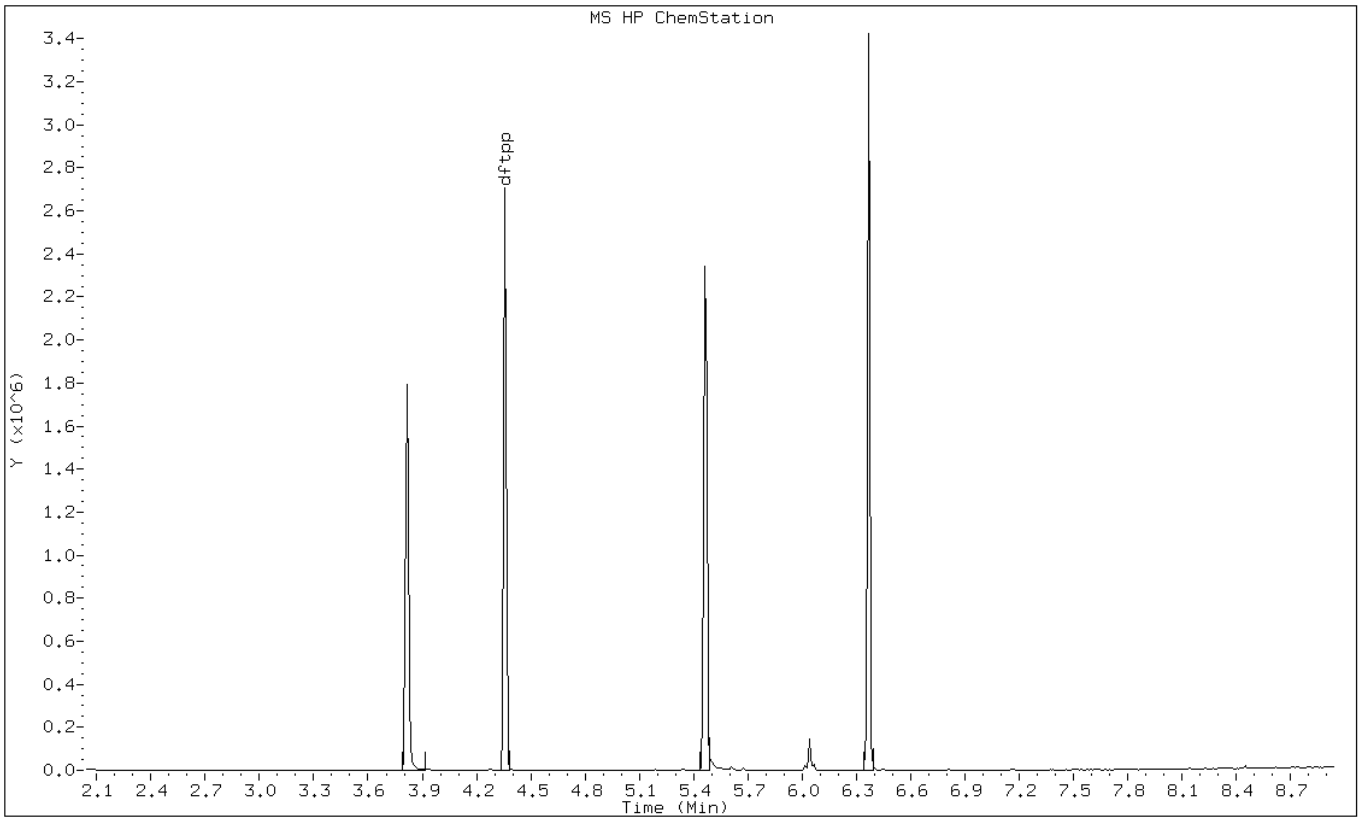
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.359	4.500	-0.141	198	186229			0.00- 100.00	100.00
4.359	4.500	-0.141	51	94426			30.00- 60.00	50.70
4.359	4.500	-0.141	68	0			0.00- 2.00	0.00
4.359	4.500	-0.141	69	127989			0.00- 0.00	68.73
4.359	4.500	-0.141	70	431			0.00- 2.00	0.34
4.359	4.500	-0.141	127	81418			40.00- 60.00	43.72
4.359	4.500	-0.141	197	0			0.00- 1.00	0.00
4.359	4.500	-0.141	199	12455			5.00- 9.00	6.69
4.359	4.500	-0.141	275	40589			10.00- 30.00	21.80
4.359	4.500	-0.141	365	6156			1.00- 0.00	3.31
4.359	4.500	-0.141	441	17910			0.01- 100.00	79.97
4.359	4.500	-0.141	442	115861			40.00- 110.00	62.21
4.359	4.500	-0.141	443	22396			17.00- 23.00	19.33

Data File: u77813.d

Date: 28-JUN-2012 17:27

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2



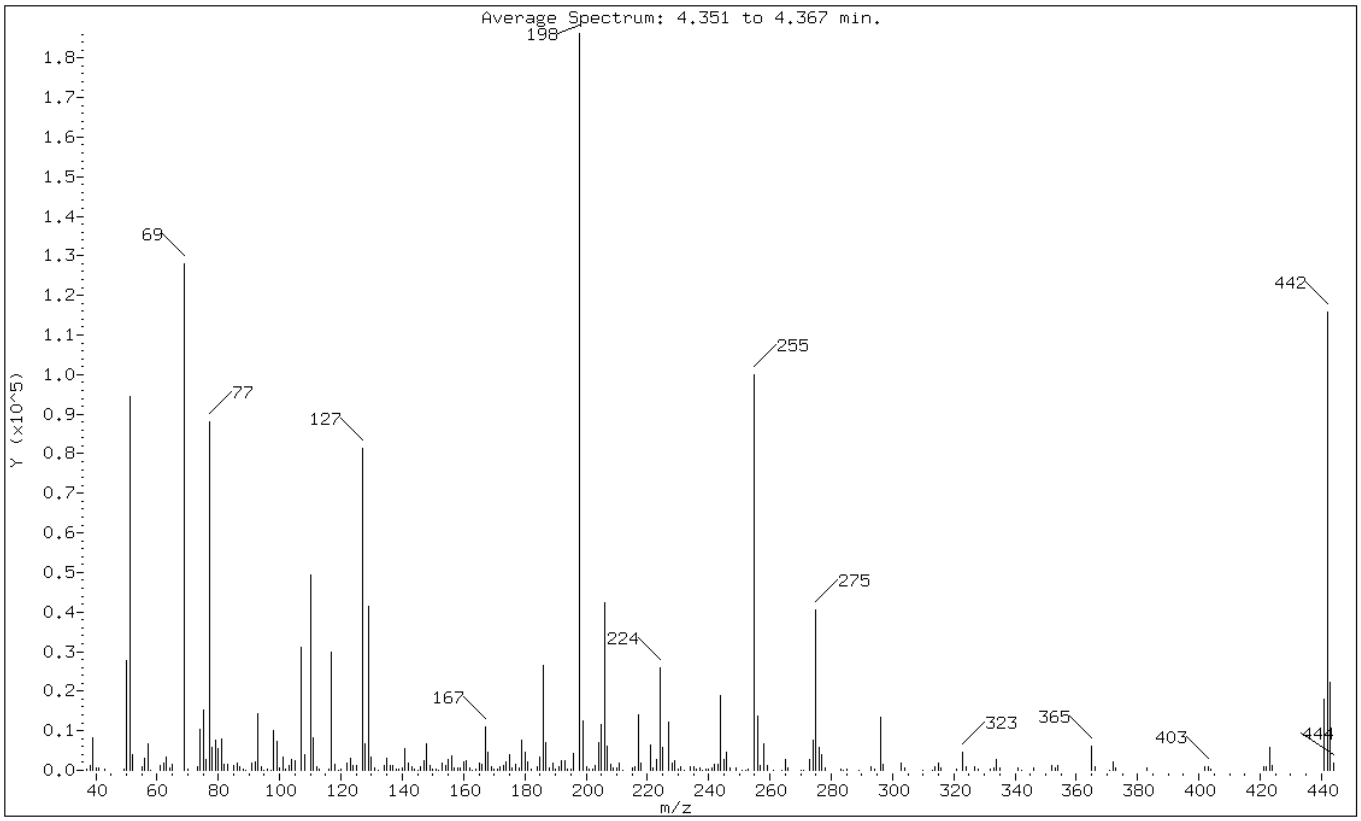
Data File: u77813.d

Date: 28-JUN-2012 17:27

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.70
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	68.73
70	Less than 2.00% of mass 69	0.23 (0.34)
127	40.00 - 60.00% of mass 198	43.72
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.69
275	10.00 - 30.00% of mass 198	21.80
365	Greater than 1.00% of mass 198	3.31
441	0.01 - 100.00% of mass 443	9.62 (79.97)
442	40.00 - 110.00% of mass 198	62.21
443	17.00 - 23.00% of mass 442	12.03 (19.33)

Data File: u77813.d

Date: 28-JUN-2012 17:27

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b/u77813.d
Spectrum: Average Spectrum: 4.351 to 4.367 min.
Location of Maximum: 198.00
Number of points: 247

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	453	120.00	189	186.00	26624	258.00	6812
38.00	1305	122.00	1707	187.00	6963	259.00	1116
39.00	8143	123.00	2952	188.00	556	261.00	137
40.00	552	124.00	1280	189.00	1678	264.00	108
41.00	536	125.00	1248	190.00	184	265.00	2733
43.00	247	127.00	81416	191.00	802	266.00	460
49.00	321	128.00	6572	192.00	2389	270.00	116
50.00	27584	129.00	41536	193.00	2506	271.00	108
51.00	94424	130.00	3475	194.00	452	273.00	2729
52.00	3914	131.00	527	195.00	293	274.00	7602
55.00	784	132.00	107	196.00	4131	275.00	40584
56.00	3083	134.00	1074	198.00	186176	276.00	5747
57.00	6831	135.00	3045	199.00	12455	277.00	4011
58.00	112	136.00	1294	200.00	818	278.00	651
61.00	1277	137.00	1348	201.00	445	283.00	311
62.00	1722	138.00	314	202.00	169	284.00	109
63.00	3365	139.00	262	203.00	1161	285.00	395
64.00	560	140.00	467	204.00	6935	289.00	116
65.00	1558	141.00	5533	205.00	11440	293.00	792
69.00	127984	142.00	1712	206.00	42224	294.00	197
70.00	431	143.00	1065	207.00	6187	296.00	13489
73.00	1050	144.00	328	208.00	1479	297.00	1626
74.00	10337	145.00	141	209.00	559	303.00	1749
75.00	15286	146.00	1059	210.00	694	304.00	485
76.00	2622	147.00	2526	211.00	1747	310.00	107
77.00	88048	148.00	6628	212.00	149	313.00	133
78.00	5692	149.00	1087	215.00	555	314.00	868
79.00	7527	150.00	250	216.00	1060	315.00	1768
80.00	5446	151.00	440	217.00	13943	316.00	614
81.00	7778	152.00	128	218.00	1683	321.00	343
82.00	1590	153.00	1785	221.00	6467	323.00	4428
83.00	1562	154.00	1208	222.00	528	324.00	884
85.00	1197	155.00	2892	223.00	2789	327.00	815
86.00	1746	156.00	3672	224.00	25944	328.00	291
87.00	877	157.00	729	225.00	5689	332.00	177
88.00	249	158.00	714	227.00	12293	333.00	492
89.00	147	159.00	706	228.00	1934	334.00	2834
91.00	1887	160.00	1989	229.00	2445	335.00	587
92.00	1991	161.00	2450	230.00	226	341.00	470
93.00	14445	162.00	721	231.00	812	342.00	113

94.00	782	163.00	101	232.00	120	346.00	741
95.00	138	164.00	221	234.00	811	352.00	1330
96.00	413	165.00	1959	235.00	765	353.00	752
97.00	101	166.00	1447	236.00	395	354.00	1209
98.00	10094	167.00	10888	237.00	635	365.00	6156
99.00	7169	168.00	4607	238.00	115	366.00	771
100.00	554	169.00	917	239.00	319	371.00	109
101.00	3396	170.00	408	240.00	194	372.00	2267
102.00	153	171.00	247	241.00	758	373.00	694
103.00	1182	172.00	787	242.00	1444	383.00	606
104.00	2830	173.00	1198	243.00	1499	402.00	960
105.00	2421	174.00	1989	244.00	18872	403.00	1002
107.00	31000	175.00	4008	245.00	2702	404.00	321
108.00	3821	176.00	695	246.00	4564	421.00	937
110.00	49248	177.00	1567	247.00	686	422.00	848
111.00	8265	178.00	721	249.00	554	423.00	5883
112.00	1000	179.00	7585	251.00	103	424.00	1110
113.00	243	180.00	4694	252.00	152	441.00	17904
116.00	272	181.00	2098	253.00	255	442.00	115856
117.00	29856	182.00	443	255.00	100080	443.00	22392
118.00	1476	184.00	862	256.00	13569	444.00	1952
119.00	141	185.00	3438	257.00	1153		

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78027.d
Report Date: 06-Jul-2012 08:28

TestAmerica

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78027.d
Lab Smp Id: DFTPP-1427854
Inj Date : 06-JUL-2012 08:12
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1427854
Misc Info : 25ng/uL DFTPP Lot 4642
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/BNADFTPP.m
Meth Date : 24-Jun-2012 02:05 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

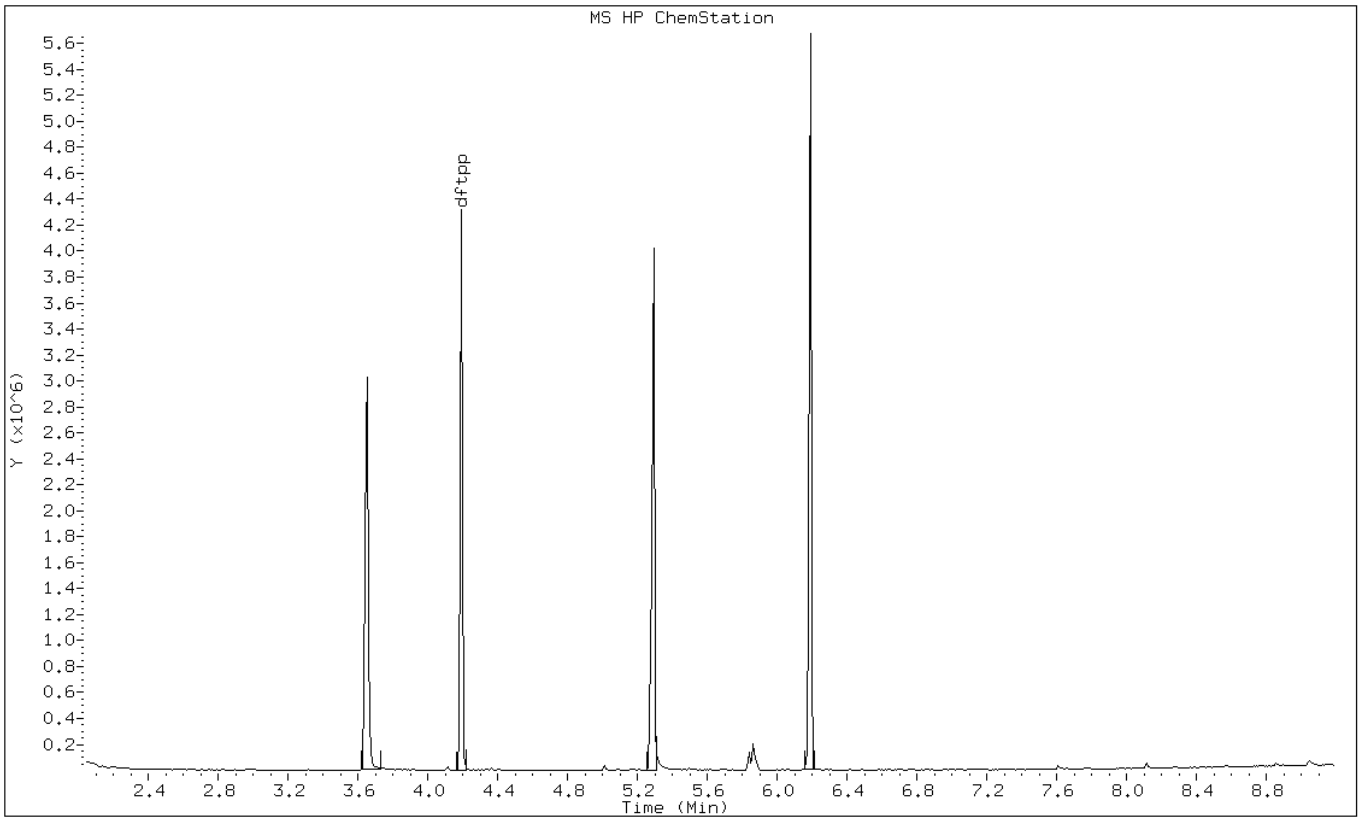
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.192	4.500	-0.308	198	314069			0.00- 100.00	100.00
4.192	4.500	-0.308	51	152370			30.00- 60.00	48.51
4.192	4.500	-0.308	68	0			0.00- 2.00	0.00
4.192	4.500	-0.308	69	208056			0.00- 0.00	66.25
4.192	4.500	-0.308	70	941			0.00- 2.00	0.45
4.192	4.500	-0.308	127	136266			40.00- 60.00	43.39
4.192	4.500	-0.308	197	0			0.00- 1.00	0.00
4.192	4.500	-0.308	199	20033			5.00- 9.00	6.38
4.192	4.500	-0.308	275	66714			10.00- 30.00	21.24
4.192	4.500	-0.308	365	9890			1.00- 0.00	3.15
4.192	4.500	-0.308	441	29746			0.01- 100.00	83.19
4.192	4.500	-0.308	442	191053			40.00- 110.00	60.83
4.192	4.500	-0.308	443	35757			17.00- 23.00	18.72

Data File: u78027.d

Date: 06-JUL-2012 08:12

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2



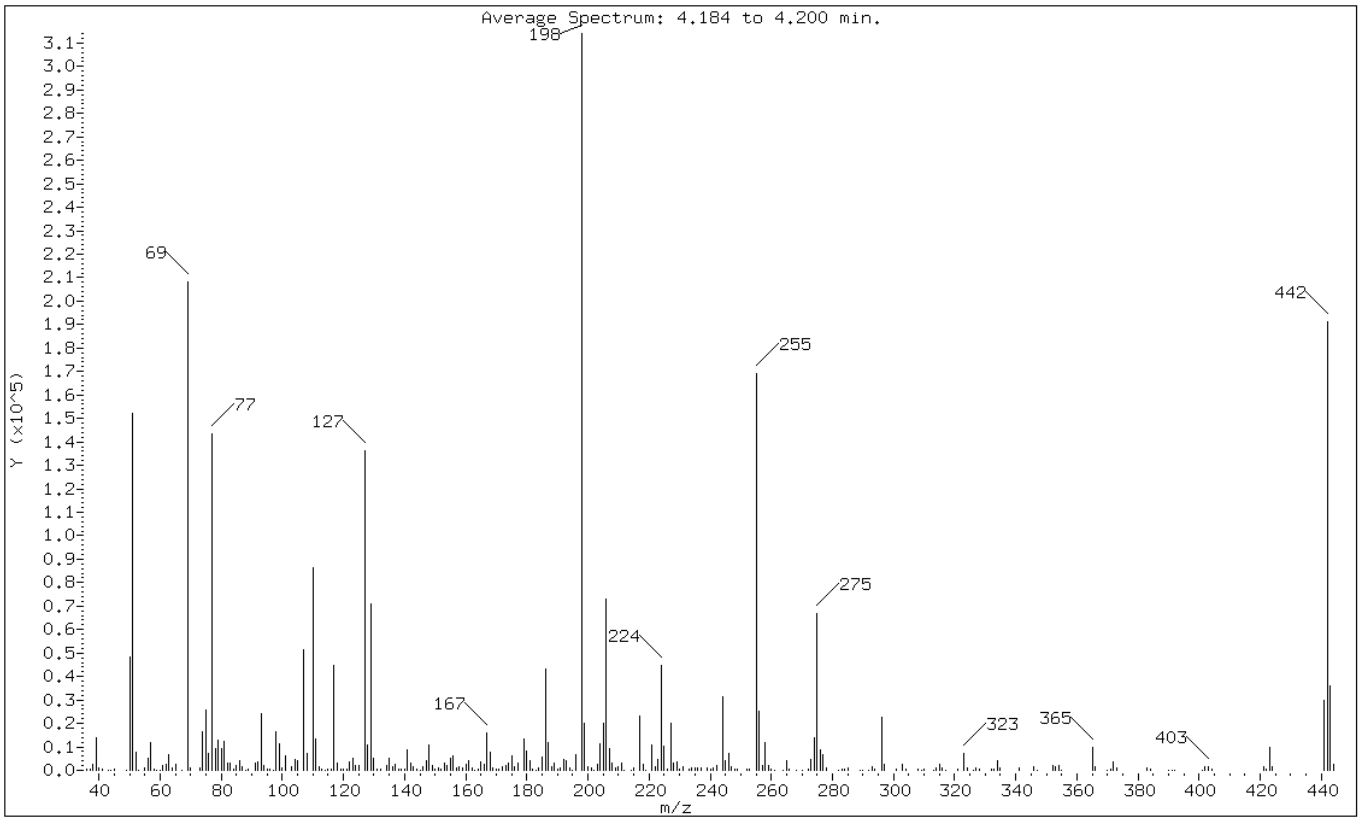
Data File: u78027.d

Date: 06-JUL-2012 08:12

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.51
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	66.25
70	Less than 2.00% of mass 69	0.30 (0.45)
127	40.00 - 60.00% of mass 198	43.39
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	21.24
365	Greater than 1.00% of mass 198	3.15
441	0.01 - 100.00% of mass 443	9.47 (83.19)
442	40.00 - 110.00% of mass 198	60.83
443	17.00 - 23.00% of mass 442	11.39 (18.72)

Data File: u78027.d

Date: 06-JUL-2012 08:12

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78027.d
Spectrum: Average Spectrum: 4.184 to 4.200 min.
Location of Maximum: 198.00
Number of points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	352	118.00	3264	190.00	625	274.00	13896
37.00	700	119.00	327	191.00	1053	275.00	66712
38.00	2322	120.00	485	192.00	4436	276.00	8925
39.00	13756	121.00	296	193.00	4205	277.00	6777
40.00	810	122.00	3734	194.00	814	278.00	913
41.00	597	123.00	5191	195.00	140	282.00	120
43.00	108	124.00	2160	196.00	6738	283.00	663
44.00	210	125.00	2047	198.00	314048	284.00	503
45.00	332	127.00	136256	199.00	20032	285.00	1084
49.00	224	128.00	11018	200.00	1492	289.00	107
50.00	48184	129.00	71112	201.00	1152	290.00	102
51.00	152320	130.00	5376	202.00	131	292.00	153
52.00	7696	131.00	649	203.00	2701	293.00	1516
53.00	216	132.00	318	204.00	11249	294.00	296
55.00	973	134.00	1868	205.00	20016	296.00	22856
56.00	5199	135.00	5025	206.00	73080	297.00	2815
57.00	11625	136.00	1726	207.00	9406	301.00	269
58.00	439	137.00	2426	208.00	2911	303.00	2468
59.00	110	138.00	501	209.00	979	304.00	638
60.00	119	139.00	521	210.00	1303	308.00	274
61.00	1908	140.00	437	211.00	3293	309.00	107
62.00	2343	141.00	8860	212.00	224	310.00	273
63.00	6613	142.00	3019	214.00	115	313.00	154
64.00	818	143.00	1746	215.00	1044	314.00	1155
65.00	2386	144.00	439	217.00	23360	315.00	2674
67.00	238	145.00	251	218.00	2561	316.00	1215
69.00	208000	146.00	1528	219.00	107	317.00	144
70.00	941	147.00	4191	221.00	10907	321.00	616
73.00	1021	148.00	10848	222.00	1400	323.00	7292
74.00	16400	149.00	1941	223.00	4667	324.00	1116
75.00	25816	150.00	391	224.00	44712	326.00	115
76.00	7102	151.00	1175	225.00	10277	327.00	1182
77.00	143552	152.00	464	226.00	392	328.00	593
78.00	9288	153.00	3194	227.00	20224	332.00	422
79.00	12797	154.00	1816	228.00	2954	333.00	607
80.00	9349	155.00	5354	229.00	3562	334.00	4052
81.00	12504	156.00	6181	230.00	539	335.00	847
82.00	3000	157.00	853	231.00	1724	341.00	920
83.00	2993	158.00	1607	233.00	377	346.00	1563
84.00	444	159.00	1127	234.00	996	347.00	210

85.00	2017	160.00	2787	235.00	1168	352.00	1976
86.00	4243	161.00	4334	236.00	1145	353.00	1475
87.00	1482	162.00	1202	237.00	1062	354.00	1937
88.00	135	163.00	214	239.00	824	355.00	175
89.00	500	164.00	312	240.00	526	365.00	9890
91.00	2957	165.00	3376	241.00	1013	366.00	1337
92.00	3486	166.00	2576	242.00	2122	370.00	132
93.00	23992	167.00	16146	244.00	31112	371.00	502
94.00	1814	168.00	7668	245.00	4181	372.00	3550
95.00	389	169.00	1072	246.00	7352	373.00	815
96.00	681	170.00	454	247.00	1509	383.00	865
97.00	221	171.00	738	248.00	380	384.00	277
98.00	16528	172.00	1666	249.00	722	390.00	214
99.00	11245	173.00	2115	252.00	374	391.00	150
100.00	901	174.00	3225	253.00	457	392.00	206
101.00	5973	175.00	6138	255.00	169152	401.00	135
103.00	1710	176.00	1312	256.00	25056	402.00	1381
104.00	4397	177.00	3151	257.00	1888	403.00	1527
105.00	3904	179.00	13468	258.00	11696	404.00	509
107.00	51272	180.00	8011	259.00	1974	421.00	1401
108.00	7265	181.00	3984	260.00	322	422.00	714
110.00	86472	182.00	585	261.00	235	423.00	9520
111.00	13134	183.00	148	264.00	227	424.00	1696
112.00	1502	184.00	1126	265.00	4315	441.00	29744
113.00	495	185.00	5872	266.00	633	442.00	191040
114.00	128	186.00	43208	268.00	124	443.00	35752
115.00	302	187.00	11729	270.00	148	444.00	2429
116.00	409	188.00	1368	272.00	444		
117.00	44464	189.00	2927	273.00	4622		

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78057.d
Report Date: 08-Jul-2012 00:41

TestAmerica

Data file : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78057.d
Lab Smp Id: DFTPP-1427854
Inj Date : 08-JUL-2012 00:08
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1427854
Misc Info : 25ng/uL DFTPP Lot 4642
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/BNADFTPP.m
Meth Date : 24-Jun-2012 02:05 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.182	4.500	-0.318	198	275544			0.00- 100.00	100.00
4.182	4.500	-0.318	51	135230			30.00- 60.00	49.08
4.182	4.500	-0.318	68	0			0.00- 2.00	0.00
4.182	4.500	-0.318	69	181757			0.00- 0.00	65.96
4.182	4.500	-0.318	70	686			0.00- 2.00	0.38
4.182	4.500	-0.318	127	120580			40.00- 60.00	43.76
4.182	4.500	-0.318	197	0			0.00- 1.00	0.00
4.182	4.500	-0.318	199	18093			5.00- 9.00	6.57
4.182	4.500	-0.318	275	61016			10.00- 30.00	22.14
4.182	4.500	-0.318	365	9483			1.00- 0.00	3.44
4.182	4.500	-0.318	441	27765			0.01- 100.00	84.10
4.182	4.500	-0.318	442	172090			40.00- 110.00	62.45
4.182	4.500	-0.318	443	33016			17.00- 23.00	19.19

Data File: u78057.d

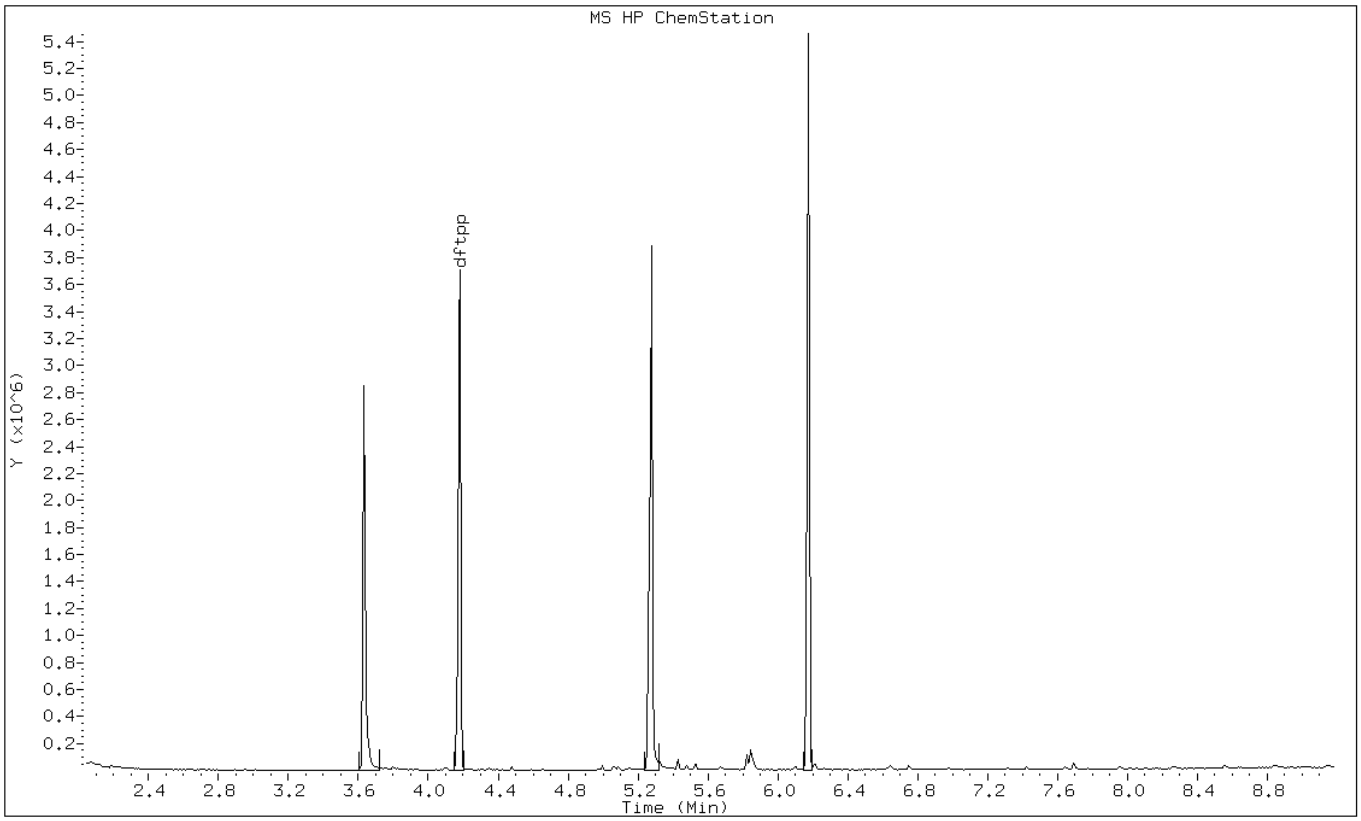
Date: 08-JUL-2012 00:08

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1427854

Operator: BNA2



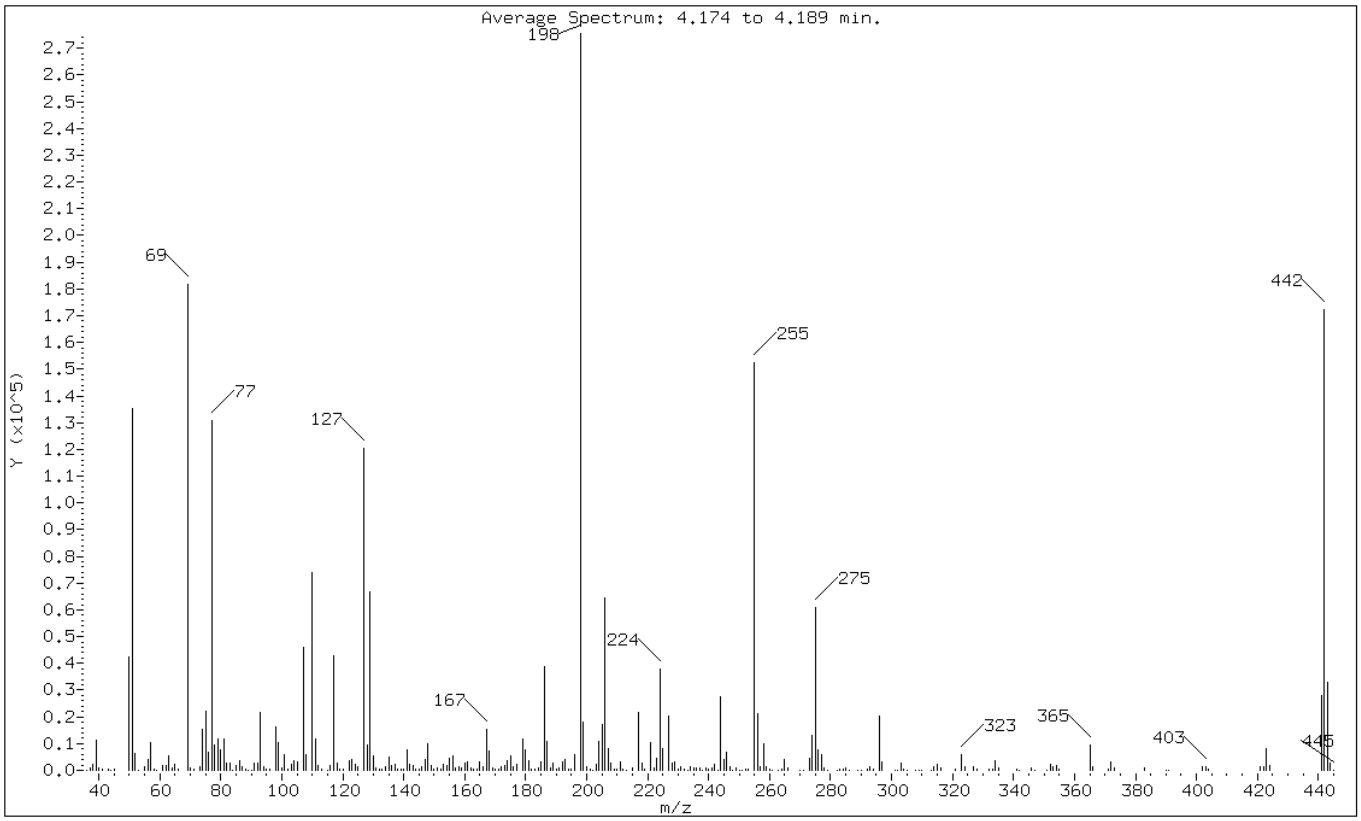
Data File: u78057.d

Date: 08-JUL-2012 00:08

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	49.08
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.96
70	Less than 2.00% of mass 69	0.25 (0.38)
127	40.00 - 60.00% of mass 198	43.76
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.57
275	10.00 - 30.00% of mass 198	22.14
365	Greater than 1.00% of mass 198	3.44
441	0.01 - 100.00% of mass 443	10.08 (84.10)
442	40.00 - 110.00% of mass 198	62.45
443	17.00 - 23.00% of mass 442	11.98 (19.19)

Data File: u78057.d

Date: 08-JUL-2012 00:08

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b/u78057.d
Spectrum: Average Spectrum: 4.174 to 4.189 min.
Location of Maximum: 198.00
Number of points: 278

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	107	120.00	407	193.00	3851	274.00	13087
37.00	987	122.00	3459	194.00	649	275.00	61016
38.00	2160	123.00	4168	195.00	452	276.00	7645
39.00	11375	124.00	2173	196.00	5993	277.00	6010
40.00	918	125.00	1554	198.00	275520	278.00	746
41.00	622	127.00	120576	199.00	18088	279.00	102
43.00	664	128.00	9693	200.00	1377	282.00	102
44.00	118	129.00	66680	201.00	594	283.00	563
45.00	436	130.00	5506	202.00	118	284.00	375
50.00	42384	131.00	1001	203.00	2302	285.00	1071
51.00	135168	132.00	459	204.00	10795	286.00	111
52.00	6325	133.00	263	205.00	17344	289.00	126
53.00	109	134.00	1418	206.00	64560	290.00	104
55.00	1290	135.00	4934	207.00	8048	292.00	281
56.00	4268	136.00	1656	208.00	2502	293.00	1381
57.00	10584	137.00	2234	209.00	521	294.00	280
58.00	517	138.00	427	210.00	605	296.00	20504
59.00	104	139.00	413	211.00	3042	297.00	3108
61.00	1921	140.00	625	212.00	471	301.00	225
62.00	2012	141.00	7841	213.00	101	302.00	105
63.00	5538	142.00	2341	215.00	892	303.00	2610
64.00	744	143.00	1816	217.00	21688	304.00	560
65.00	2448	144.00	427	218.00	2696	305.00	100
66.00	322	145.00	403	219.00	244	308.00	204
69.00	181696	146.00	1354	221.00	10513	309.00	154
70.00	686	147.00	4022	222.00	1097	310.00	122
71.00	242	148.00	9928	223.00	4551	313.00	204
73.00	1267	149.00	1714	224.00	38016	314.00	1383
74.00	15178	150.00	527	225.00	7939	315.00	2264
75.00	22248	151.00	996	227.00	20200	316.00	1066
76.00	6600	152.00	469	228.00	2612	321.00	553
77.00	130904	153.00	2183	229.00	3135	323.00	6079
78.00	9299	154.00	1665	230.00	377	324.00	1367
79.00	11659	155.00	4298	231.00	1471	327.00	1203
80.00	7835	156.00	5328	232.00	330	328.00	514
81.00	11682	157.00	955	233.00	139	332.00	298
82.00	2496	158.00	1254	234.00	1205	333.00	552
83.00	2581	159.00	794	235.00	1067	334.00	3615
84.00	109	160.00	2673	236.00	809	335.00	878
85.00	1981	161.00	3185	237.00	1074	341.00	635

86.00	3454	162.00	837	238.00	113	342.00	175
87.00	1308	163.00	275	239.00	820	346.00	1011
88.00	520	164.00	263	240.00	387	347.00	111
89.00	152	165.00	2956	241.00	1088	351.00	143
90.00	108	166.00	1237	242.00	2162	352.00	2030
91.00	2896	167.00	15188	243.00	165	353.00	1395
92.00	2669	168.00	7022	244.00	27608	354.00	1760
93.00	21624	169.00	1020	245.00	3869	355.00	245
94.00	1225	170.00	369	246.00	6624	365.00	9483
95.00	530	171.00	411	247.00	1187	366.00	1187
96.00	562	172.00	1372	248.00	167	371.00	407
98.00	16302	173.00	1607	249.00	910	372.00	3246
99.00	10304	174.00	3501	250.00	115	373.00	720
100.00	985	175.00	5342	251.00	128	383.00	717
101.00	5943	176.00	1256	252.00	333	390.00	163
102.00	404	177.00	2430	253.00	423	391.00	118
103.00	2363	179.00	11708	255.00	152192	402.00	1201
104.00	3764	180.00	7734	256.00	21288	403.00	1354
105.00	3273	181.00	3580	257.00	1564	404.00	650
107.00	46144	182.00	302	258.00	9887	421.00	1541
108.00	6083	183.00	304	259.00	1382	422.00	1266
110.00	74128	184.00	1096	260.00	254	423.00	8074
111.00	11809	185.00	3371	261.00	164	424.00	1602
112.00	1580	186.00	38760	263.00	128	441.00	27760
113.00	446	187.00	10789	264.00	599	442.00	172032
115.00	190	188.00	953	265.00	4189	443.00	33016
116.00	1652	189.00	2645	266.00	896	444.00	2688
117.00	42976	190.00	386	270.00	109	445.00	218
118.00	2598	191.00	703	271.00	132		
119.00	336	192.00	3354	273.00	4326		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118529/1-A

Matrix: Solid | Lab File ID: u78030.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118529/1-A

Matrix: Solid | Lab File ID: u78030.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43
123-91-1	1,4-Dioxane	24	U	330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118529/1-A

Matrix: Solid | Lab File ID: u78030.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	85		10-120
367-12-4	2-Fluorophenol	93		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118529/1-A

Matrix: Solid | Lab File ID: u78030.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 3270

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.93	3270	A J

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78030.d
Report Date: 08-Jul-2012 23:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78030.d
Lab Smp Id: MB 460-118529/1-A
Inj Date : 06-JUL-2012 10:12
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-118529/1-A
Misc Info : MB 460-118529/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

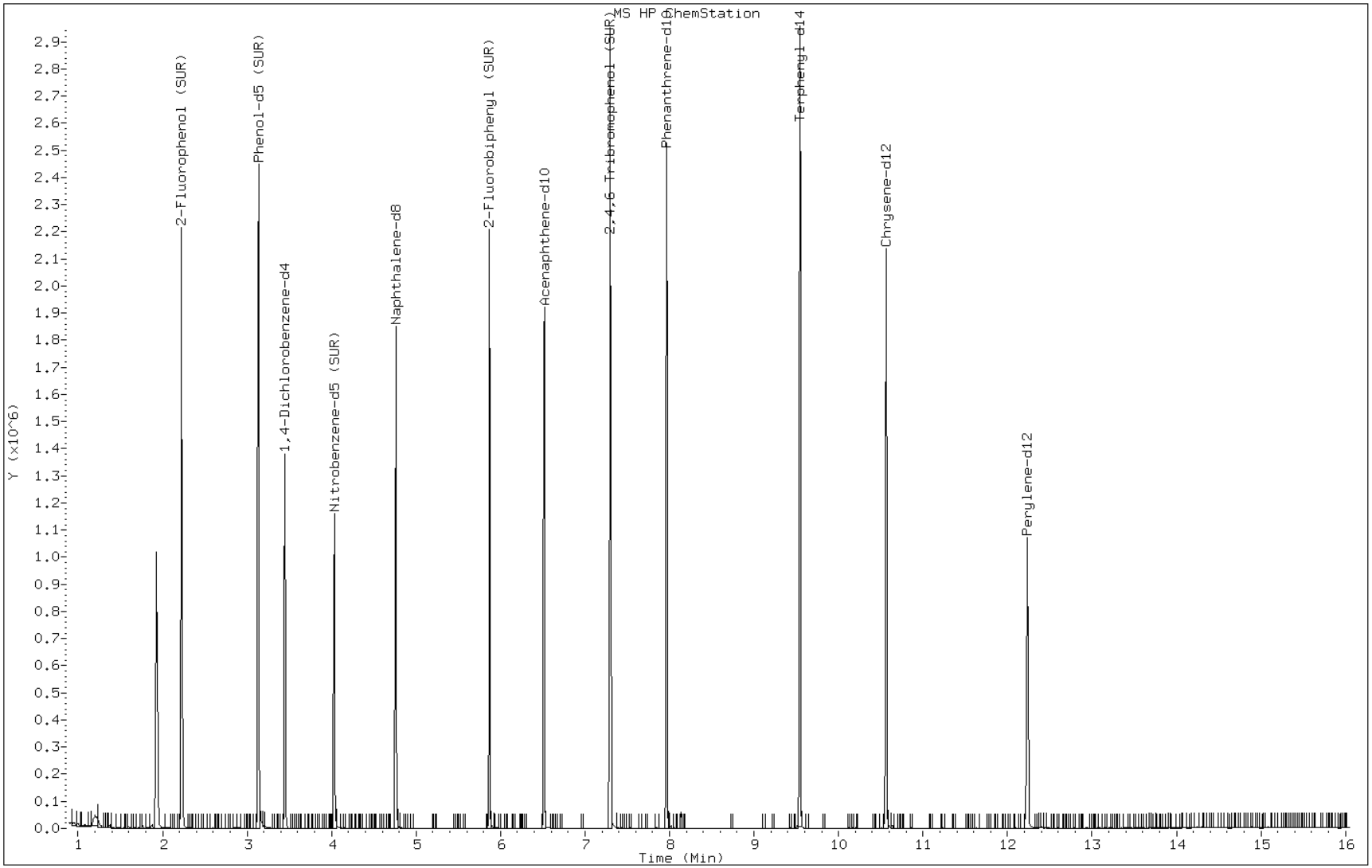
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.225	2.210	(0.645)	384813	93.1862	6200
$ 17 Phenol-d5 (SUR)	99	3.136	3.145	(0.910)	647262	90.6982	6000
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.454	(1.000)	134760	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.048	(0.848)	332236	34.3489	2300
* 80 Naphthalene-d8	136	4.759	4.765	(1.000)	545066	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.867	5.879	(0.900)	511969	35.5279	2400
* 82 Acenaphthene-d10	164	6.521	6.523	(1.000)	419428	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.299	7.310	(1.119)	273055	84.5780	5600
* 83 Phenanthrene-d10	188	7.967	7.978	(1.000)	810911	40.0000	
$ 78 Terphenyl-d14	244	9.543	9.548	(0.903)	909926	46.1783	3100
* 81 Chrysene-d12	240	10.565	10.573	(1.000)	778352	40.0000	
* 84 Perylene-d12	264	12.240	12.244	(1.000)	641625	40.0000	

Data File: u78030.d

Date: 06-JUL-2012 10:12

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-118529/1-A Operator: BNAMS 4



Data File: u78030.d

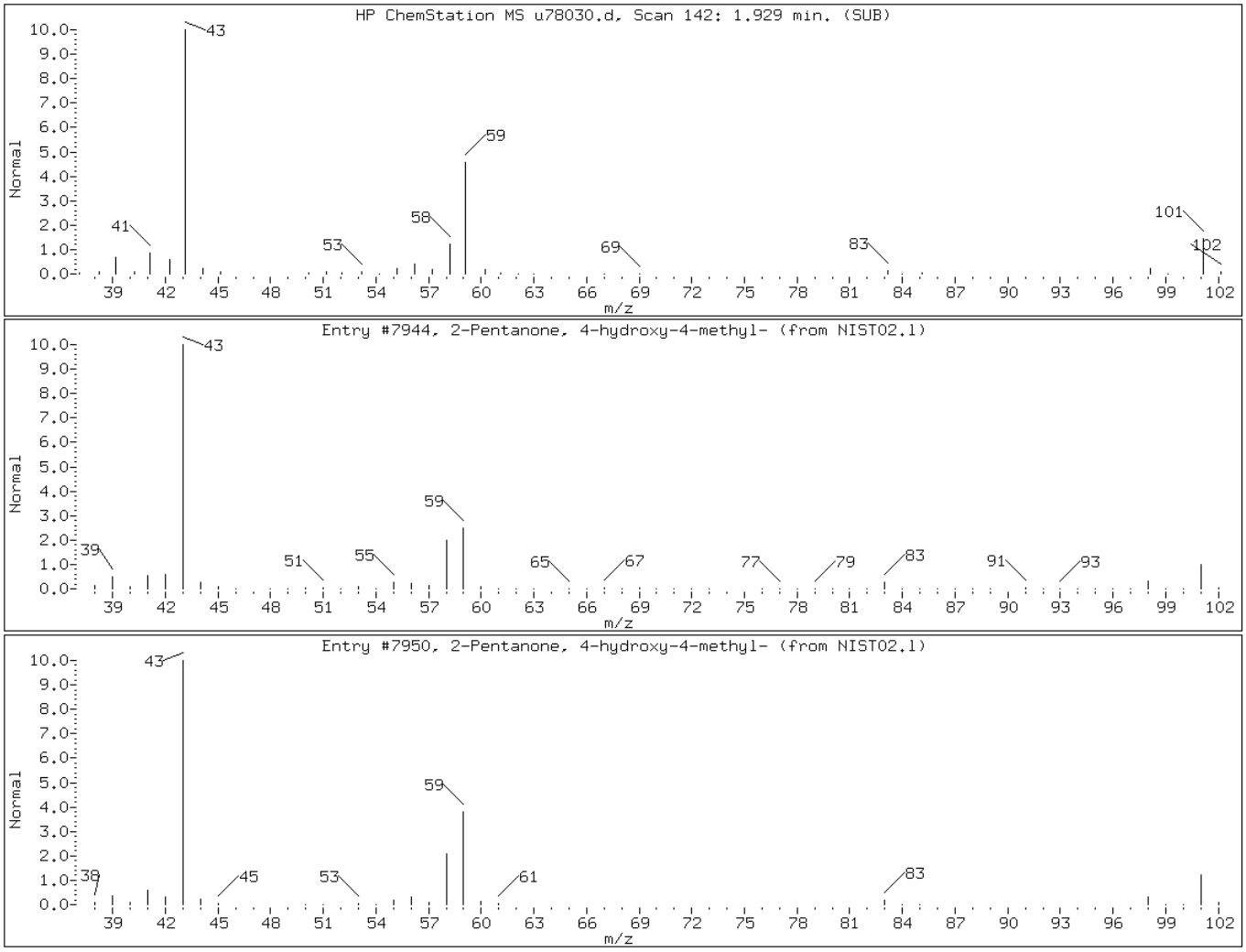
Date: 06-JUL-2012 10:12

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-118529/1-A Operator: BNAMS 4

Retention Time: 1.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118530/1-A

Matrix: Solid | Lab File ID: p31646.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118530/1-A

Matrix: Solid | Lab File ID: p31646.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43
123-91-1	1,4-Dioxane	24	U	330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118530/1-A

Matrix: Solid | Lab File ID: p31646.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	76		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118530/1-A

Matrix: Solid | Lab File ID: p31646.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 2620

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.00	2620	A J

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31646.d
Report Date: 09-Jul-2012 00:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31646.d
Lab Smp Id: MB 460-118530/1-A
Inj Date : 06-JUL-2012 11:06
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-118530/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.314	2.296	(0.635)	1581625	76.0610	5100
$ 17 Phenol-d5 (SUR)	99	3.301	3.313	(0.906)	1998893	79.3610	5300
* 79 1,4-Dichlorobenzene-d4	152	3.642	3.648	(1.000)	616672	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.288	4.300	(0.848)	901221	35.7473	2400
* 80 Naphthalene-d8	136	5.058	5.069	(1.000)	2128067	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.209	6.215	(0.905)	1464709	37.6624	2500
* 82 Acenaphthene-d10	164	6.861	6.867	(1.000)	1129345	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.649	7.655	(1.115)	336624	73.7602	4900
* 83 Phenanthrene-d10	188	8.319	8.325	(1.000)	1451569	40.0000	
$ 78 Terphenyl-d14	244	9.899	9.899	(0.908)	969480	43.7799	2900
* 81 Chrysene-d12	240	10.904	10.910	(1.000)	758308	40.0000	
* 84 Perylene-d12	264	12.543	12.549	(1.000)	586143	40.0000	

Data File: p31646.d

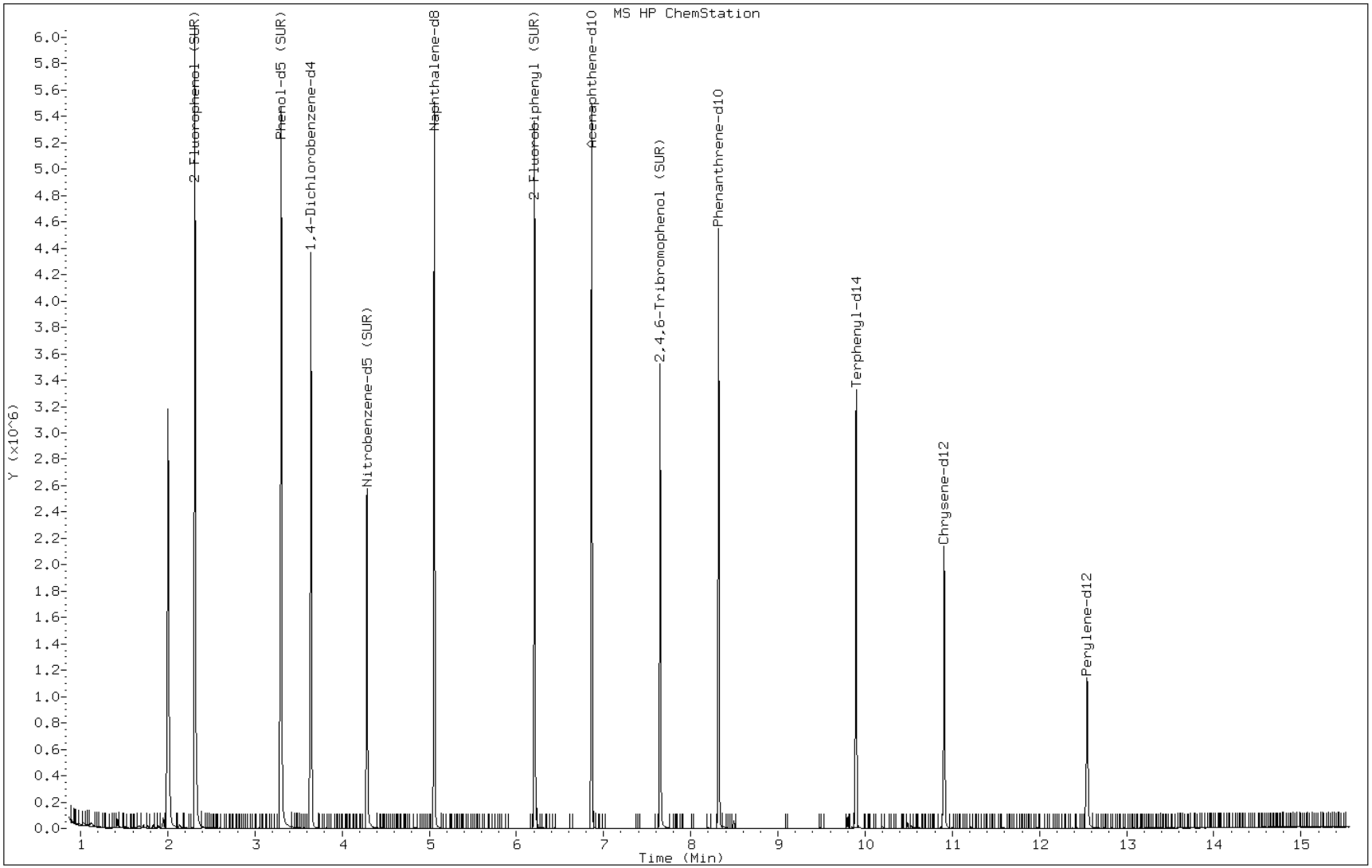
Date: 06-JUL-2012 11:06

Client ID:

Instrument: BNAMS10.i

Sample Info: MB 460-118530/1-A

Operator: BNAMS 4



Data File: p31646.d

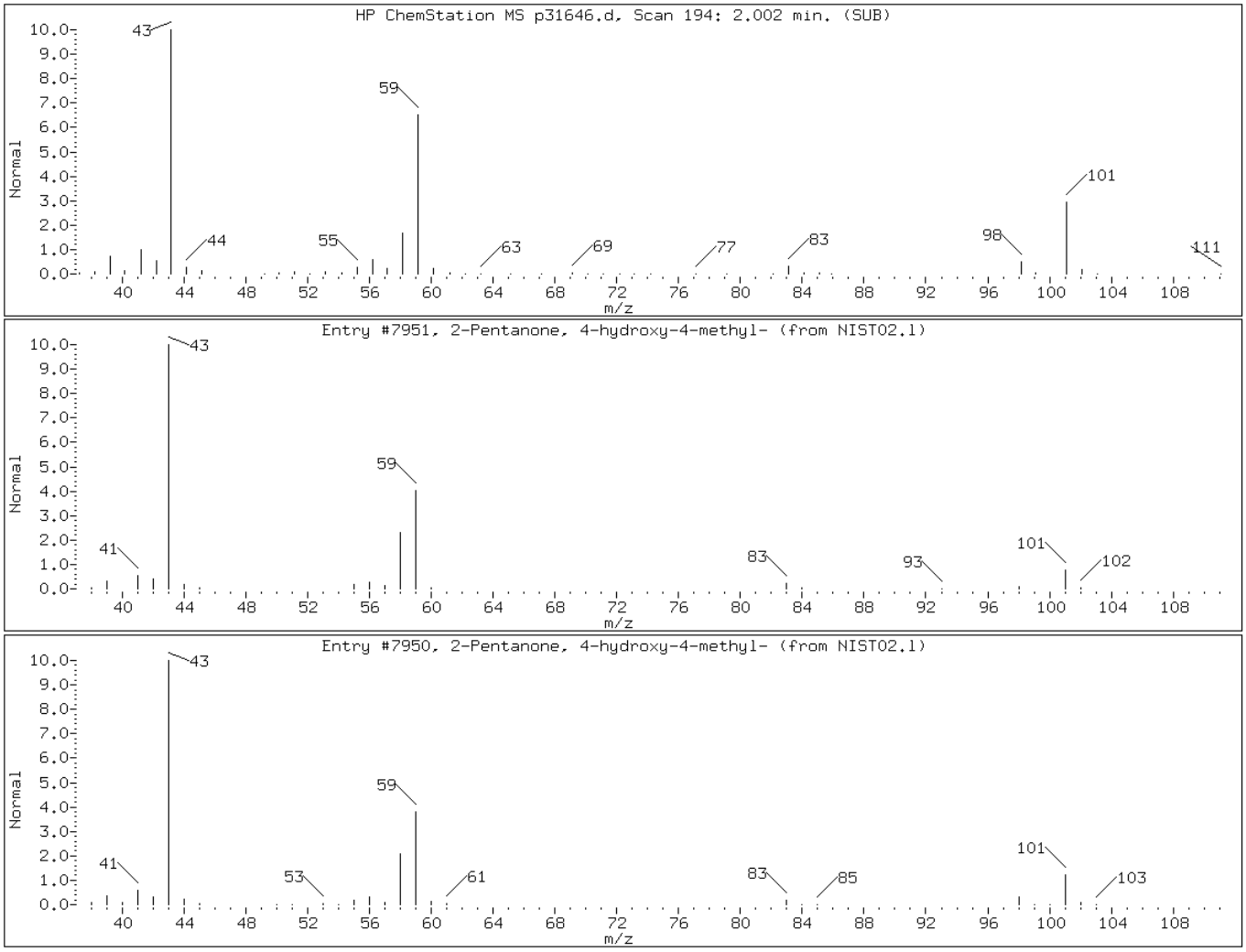
Date: 06-JUL-2012 11:06

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-118530/1-A Operator: BNAMS 4

Retention Time: 2.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	56	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118529/2-A

Matrix: Solid | Lab File ID: u78029.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 09:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5100		330	44
95-57-8	2-Chlorophenol	5550		330	44
95-48-7	2-Methylphenol	5620		330	56
106-44-5	4-Methylphenol	5240		330	65
100-52-7	Benzaldehyde	1780		330	39
98-86-2	Acetophenone	2330		330	51
111-44-4	Bis(2-chloroethyl)ether	2500		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2430		330	37
621-64-7	N-Nitrosodi-n-propylamine	2570		33	5.5
98-95-3	Nitrobenzene	2230		33	4.7
67-72-1	Hexachloroethane	2220		33	3.7
78-59-1	Isophorone	2370		330	40
88-75-5	2-Nitrophenol	5280		330	37
105-67-9	2,4-Dimethylphenol	5940		330	82
120-83-2	2,4-Dichlorophenol	5530		330	48
111-91-1	Bis(2-chloroethoxy)methane	2530		330	43
91-20-3	Naphthalene	2390		330	38
106-47-8	4-Chloroaniline	1670		330	88
87-68-3	Hexachlorobutadiene	2460		67	8.1
105-60-2	Caprolactam	1370		330	76
59-50-7	4-Chloro-3-methylphenol	5520		330	50
91-57-6	2-Methylnaphthalene	2530		330	43
118-74-1	Hexachlorobenzene	2620		33	4.5
77-47-4	Hexachlorocyclopentadiene	1780		330	39
88-06-2	2,4,6-Trichlorophenol	5580		330	39
95-95-4	2,4,5-Trichlorophenol	5760		330	43
92-52-4	Diphenyl	2530		330	44
91-58-7	2-Chloronaphthalene	2690		330	37
88-74-4	2-Nitroaniline	2670		670	140
606-20-2	2,6-Dinitrotoluene	2970		67	10
131-11-3	Dimethyl phthalate	2620		330	39
208-96-8	Acenaphthylene	2600		330	39
99-09-2	3-Nitroaniline	2030		670	120
83-32-9	Acenaphthene	2390		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118529/2-A

Matrix: Solid | Lab File ID: u78029.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 09:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4880		1000	210
51-28-5	2,4-Dinitrophenol	2330		1000	190
132-64-9	Dibenzofuran	2510		330	39
84-66-2	Diethyl phthalate	2500		330	39
86-73-7	Fluorene	2540		330	42
206-44-0	Fluoranthene	2700		330	44
84-74-2	Di-n-butyl phthalate	2520		330	41
121-14-2	2,4-Dinitrotoluene	2810		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2740		330	39
100-01-6	4-Nitroaniline	2660		670	100
534-52-1	4,6-Dinitro-2-methylphenol	3030		1000	90
101-55-3	4-Bromophenyl phenyl ether	2820		330	33
1912-24-9	Atrazine	2160		330	51
120-12-7	Anthracene	2870		330	40
86-74-8	Carbazole	2450		330	39
85-01-8	Phenanthrene	2690		330	42
87-86-5	Pentachlorophenol	4570		1000	99
129-00-0	Pyrene	2510		330	28
218-01-9	Chrysene	2420		330	39
207-08-9	Benzo[k]fluoranthene	2650		33	2.5
191-24-2	Benzo[g,h,i]perylene	2630		330	25
205-99-2	Benzo[b]fluoranthene	2500		33	2.1
50-32-8	Benzo[a]pyrene	2810		33	2.3
56-55-3	Benzo[a]anthracene	2470		33	2.3
86-30-6	N-Nitrosodiphenylamine	2580		330	33
85-68-7	Butyl benzyl phthalate	2640		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2430		330	110
117-84-0	Di-n-octyl phthalate	2560		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2640		33	6.2
53-70-3	Dibenz(a,h)anthracene	2720		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2010		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2210		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2550		330	43
123-91-1	1,4-Dioxane	1100		330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118529/2-A

Matrix: Solid | Lab File ID: u78029.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 09:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	66		40-109

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78029.d
Report Date: 08-Jul-2012 20:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78029.d
Lab Smp Id: LCS 460-118529/2-A
Inj Date : 06-JUL-2012 09:52
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-118529/2-A
Misc Info : LCS 460-118529/2-A
Comment :
Method : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
106	1,4-Dioxane	88	0.988	0.966	(0.286)	32787	16.4613	1100
19	N-Nitrosodimethylamine	74	1.179	1.163	(0.342)	112928	29.1401	1900
71	Pyridine	79	1.201	1.178	(0.348)	127249	19.6465	1300
$ 16	2-Fluorophenol (SUR)	112	2.221	2.210	(0.644)	399222	80.2957	5400
110	Benzaldehyde	77	2.999	2.996	(0.869)	86062	26.7625	1800
73	Aniline	93	3.117	3.122	(0.904)	301832	31.2516	2100
$ 17	Phenol-d5 (SUR)	99	3.146	3.145	(0.912)	654070	76.1236	5100
1	Phenol	94	3.161	3.160	(0.916)	745152	76.5713	5100
20	bis(2-Chloroethyl)ether	93	3.206	3.204	(0.929)	243786	37.4648	2500
2	2-Chlorophenol	128	3.243	3.249	(0.940)	448539	83.3131	5600
113	n-decane	43	3.310	3.316	(0.960)	212765	25.8792	1700
21	1,3-Dichlorobenzene	146	3.391	3.389	(0.983)	211421	33.2447	2200
* 79	1,4-Dichlorobenzene-d4	152	3.449	3.454	(1.000)	162250	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78029.d
Report Date: 08-Jul-2012 20:18

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	22 1,4-Dichlorobenzene	146	3.464	3.469	(1.004)	222217	32.7938	2200
	74 Benzyl Alcohol	108	3.632	3.631	(1.053)	153012	39.6515	2600
	23 1,2-Dichlorobenzene	146	3.625	3.624	(1.051)	231781	34.2307	2300
	24 bis (2-chloroisopropyl) ether	45	3.764	3.765	(1.091)	468582	36.5043	2400
	3 2-Methylphenol	108	3.771	3.780	(1.093)	466481	84.2739	5600
	104 Acetophenone	105	3.898	3.899	(1.130)	358215	34.9243	2300
	25 N-Nitroso-di-n-propylamine	70	3.912	3.922	(1.134)	278106	38.5983	2600
	4 4-Methylphenol	108	3.949	3.952	(1.145)	483450	78.5389	5200
	123 3 & 4 Methylphenol	108	3.949	3.952	(1.145)	483450	78.5389	5200
	26 Hexachloroethane	117	3.964	3.967	(1.149)	113539	33.3392	2200
$	76 Nitrobenzene-d5 (SUR)	82	4.038	4.048	(0.847)	372198	33.0956	2200
	27 Nitrobenzene	77	4.061	4.071	(0.852)	524061	33.4105	2200
	107 N,N-Dimethylaniline	120	4.068	4.071	(1.179)	273204	32.7096	2200
	28 Isophorone	82	4.334	4.322	(0.909)	625104	35.5585	2400
	5 2-Nitrophenol	139	4.392	4.389	(0.921)	267377	79.1924	5300
	6 2,4-Dimethylphenol	122	4.488	4.492	(0.941)	428807	89.1569	5900
	29 bis(2-Chloroethoxy)methane	93	4.561	4.565	(0.957)	329097	38.0180	2500
	7 2,4-Dichlorophenol	162	4.656	4.661	(0.976)	502386	82.9210	5500
	15 Benzoic Acid	122	4.716	4.713	(0.989)	167733	54.5435	3600
	30 1,2,4-Trichlorobenzene	180	4.716	4.721	(0.989)	240112	36.5940	2400
*	80 Naphthalene-d8	136	4.768	4.765	(1.000)	633752	40.0000	
	31 Naphthalene	128	4.783	4.788	(1.003)	565172	35.7792	2400
	32 4-Chloroaniline	127	4.865	4.870	(1.020)	156861	25.0086	1700
	33 Hexachlorobutadiene	225	4.932	4.930	(1.034)	194980	36.9604	2500
	111 Caprolactam	113	5.299	5.303	(1.111)	30280	20.5706	1400
	8 4-Chloro-3-methylphenol	107	5.423	5.421	(1.137)	603591	82.8657	5500
	34 2-Methylnaphthalene	142	5.490	5.496	(1.151)	423973	37.9430	2500
	120 1-Methylnaphthalene	142	5.586	5.592	(1.172)	412575	34.5224	2300
	35 Hexachlorocyclopentadiene	237	5.660	5.659	(0.868)	133245	26.7133	1800
	129 1,2,4,5-Tetrachlorobenzene	216	5.667	5.674	(0.869)	309861	33.0793	2200(R)
	9 2,4,6-Trichlorophenol	196	5.809	5.807	(0.890)	448091	83.6474	5600
	10 2,4,5-Trichlorophenol	196	5.852	5.857	(0.897)	500180	86.4490	5800
$	77 2-Fluorobiphenyl (SUR)	172	5.874	5.879	(0.900)	522219	33.0888	2200
	102 Diphenyl	154	5.971	5.974	(0.915)	685464	37.9718	2500
	36 2-Chloronaphthalene	162	5.978	5.981	(0.916)	538648	40.3837	2700
	103 Diphenyl Ether	170	6.075	6.078	(0.931)	332062	38.4643	2600
	37 2-Nitroaniline	65	6.105	6.108	(0.936)	272989	39.9765	2700
	38 Dimethylphthalate	163	6.300	6.308	(0.966)	656418	39.3069	2600
	40 2,6-Dinitrotoluene	165	6.360	6.360	(0.975)	163528	44.5909	3000
	39 Acenaphthylene	152	6.382	6.383	(0.978)	729585	38.9391	2600
	41 3-Nitroaniline	138	6.516	6.523	(0.999)	101239	30.4416	2000
*	82 Acenaphthene-d10	164	6.523	6.523	(1.000)	459362	40.0000	
	42 Acenaphthene	154	6.553	6.560	(1.005)	448627	35.8437	2400
	11 2,4-Dinitrophenol	184	6.634	6.634	(1.017)	77372	35.0041	2300
	12 4-Nitrophenol	65	6.751	6.744	(1.035)	387614	73.1888	4900
	43 Dibenzofuran	168	6.730	6.729	(1.032)	707820	37.6303	2500
	44 2,4-Dinitrotoluene	165	6.759	6.759	(1.036)	221164	42.2019	2800

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78029.d
Report Date: 08-Jul-2012 20:18

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	6.870	6.876	(1.053)	187223	38.2862	2600
	45	Diethylphthalate	149	7.003	7.001	(1.073)	695006	37.4558	2500
	47	Fluorene	166	7.062	7.067	(1.083)	597307	38.1142	2500
	46	4-Chlorophenyl-phenylether	204	7.077	7.080	(1.085)	346565	41.0604	2700
	48	4-Nitroaniline	138	7.137	7.132	(1.094)	115383	39.8570	2600
	13	4,6-Dinitro-2-methylphenol	198	7.167	7.169	(0.898)	163613	45.4303	3000
	49	N-Nitrosodiphenylamine	169	7.210	7.205	(0.904)	397378	38.6336	2600
	75	1,2-Diphenylhydrazine	77	7.231	7.235	(0.906)	939438	32.6885	2200
$	18	2,4,6-Tribromophenol (SUR)	330	7.311	7.310	(1.121)	265575	75.1098	5000
	50	4-Bromophenyl-phenylether	248	7.554	7.552	(0.947)	236917	42.2289	2800
	51	Hexachlorobenzene	284	7.613	7.611	(0.954)	268183	39.3377	2600
	112	Atrazine	200	7.760	7.758	(0.972)	151150	32.4223	2200
	14	Pentachlorophenol	266	7.820	7.818	(0.980)	299115	68.4761	4600
	115	n-Octadecane	57	7.936	7.934	(0.994)	492456	38.2227	2500
*	83	Phenanthrene-d10	188	7.980	7.978	(1.000)	784907	40.0000	
	52	Phenanthrene	178	8.002	8.000	(1.003)	867016	40.3513	2700
	53	Anthracene	178	8.047	8.053	(1.008)	912815	43.0925	2900
	54	Carbazole	167	8.224	8.223	(1.031)	676613	36.7524	2400
	55	Di-n-butylphthalate	149	8.589	8.593	(1.076)	1103396	37.7708	2500
	56	Fluoranthene	202	9.155	9.159	(1.147)	918196	40.4920	2700
	58	Benzidine	184	9.302	9.306	(1.166)	36472	7.80927	520
	57	Pyrene	202	9.369	9.372	(0.886)	870336	37.5964	2500
$	78	Terphenyl-d14	244	9.544	9.548	(0.903)	711631	38.8708	2600
	59	Butylbenzylphthalate	149	10.042	10.045	(0.950)	477482	39.5741	2600
	60	3,3'-Dichlorobenzidine	252	10.554	10.559	(0.998)	192097	30.1007	2000
	61	Benzo(a)anthracene	228	10.561	10.559	(0.999)	775215	37.1034	2500
*	81	Chrysene-d12	240	10.575	10.573	(1.000)	723168	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.647	10.645	(1.007)	559937	36.5153	2400
	62	Chrysene	228	10.603	10.602	(1.003)	679482	36.2516	2400
	64	Di-n-octylphthalate	149	11.382	11.379	(0.929)	871821	38.4342	2600
	65	Benzo(b)fluoranthene	252	11.784	11.781	(0.962)	590817	37.5189	2500
	66	Benzo(k)fluoranthene	252	11.814	11.817	(0.965)	628898	39.6782	2600
	67	Benzo(a)pyrene	252	12.173	12.171	(0.994)	523431	42.1819	2800
*	84	Perylene-d12	264	12.246	12.244	(1.000)	517542	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	13.579	13.588	(1.109)	425858	39.6599	2600(M)
	69	Dibenz(a,h)anthracene	278	13.609	13.609	(1.111)	423136	40.8256	2700
	70	Benzo(g,h,i)perylene	276	13.911	13.908	(1.136)	443152	39.3758	2600

QC Flag Legend

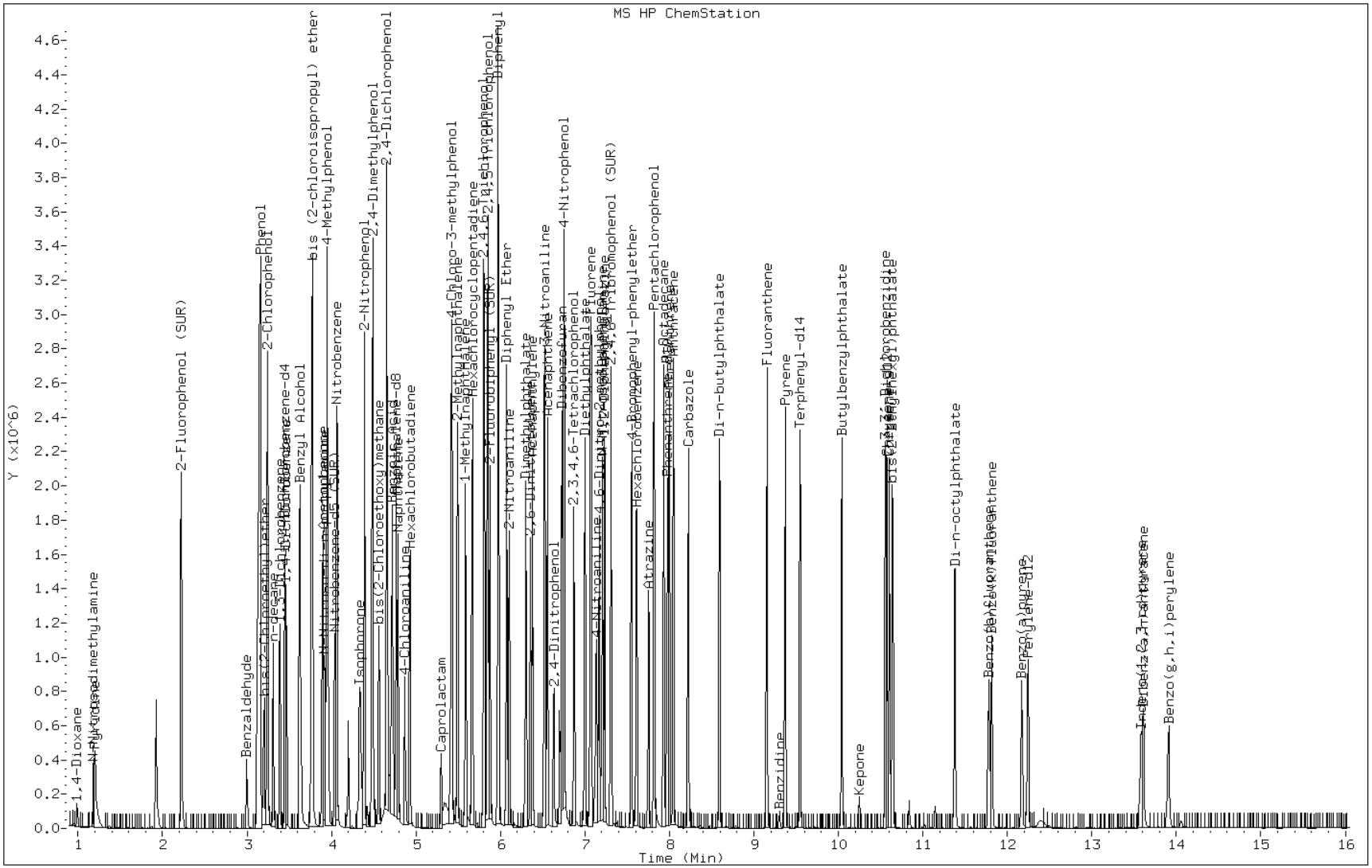
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: u78029.d

Date: 06-JUL-2012 09:52

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-118529/2-A Operator: BNAMS 4



Manual Integration Report

Data File: u78029.d
Inj. Date and Time: 06-JUL-2012 09:52
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

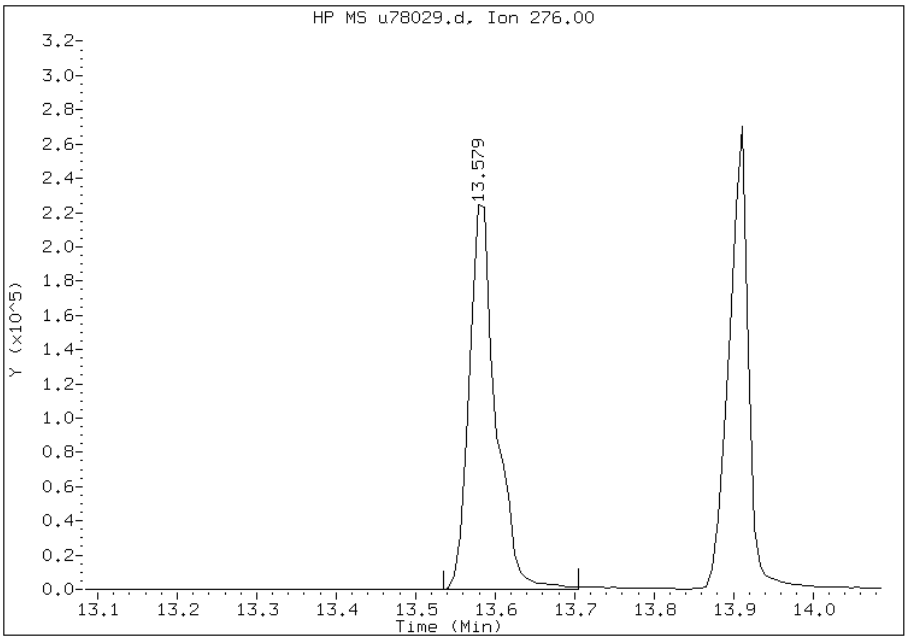
Processing Integration Results

RT: 13.58

Response: 513281

Amount: 47

Conc: 3139



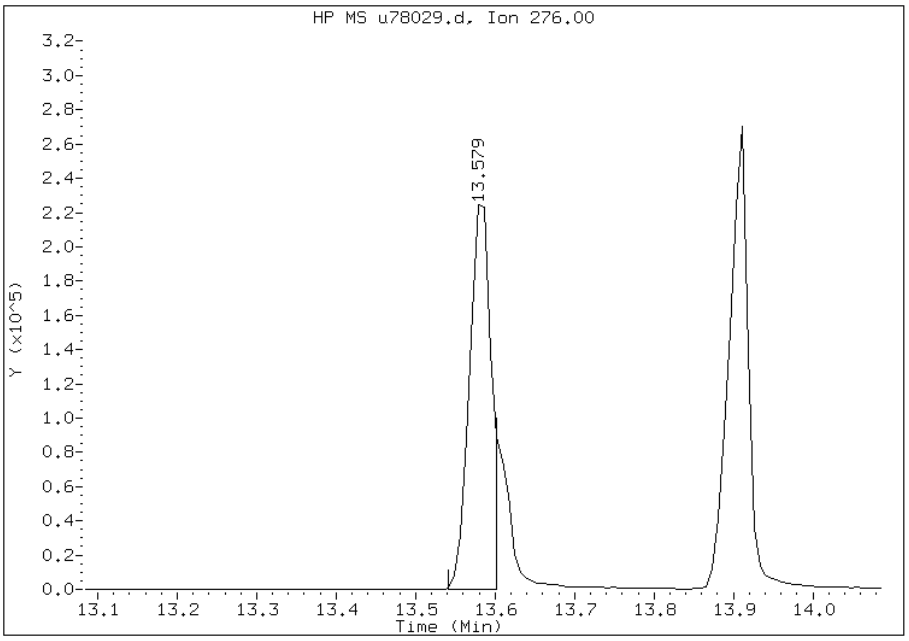
Manual Integration Results

RT: 13.58

Response: 425858

Amount: 40

Conc: 2644



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118530/2-A

Matrix: Solid | Lab File ID: p31644.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4800		330	44
95-57-8	2-Chlorophenol	4890		330	44
95-48-7	2-Methylphenol	4900		330	56
106-44-5	4-Methylphenol	5070		330	65
100-52-7	Benzaldehyde	1740		330	39
98-86-2	Acetophenone	2550		330	51
111-44-4	Bis(2-chloroethyl)ether	2380		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2640		330	37
621-64-7	N-Nitrosodi-n-propylamine	2680		33	5.5
98-95-3	Nitrobenzene	2590		33	4.7
67-72-1	Hexachloroethane	2420		33	3.7
78-59-1	Isophorone	2470		330	40
88-75-5	2-Nitrophenol	5110		330	37
105-67-9	2,4-Dimethylphenol	4980		330	82
120-83-2	2,4-Dichlorophenol	4860		330	48
111-91-1	Bis(2-chloroethoxy)methane	2660		330	43
91-20-3	Naphthalene	2640		330	38
106-47-8	4-Chloroaniline	1550		330	88
87-68-3	Hexachlorobutadiene	2460		67	8.1
105-60-2	Caprolactam	2420		330	76
59-50-7	4-Chloro-3-methylphenol	5020		330	50
91-57-6	2-Methylnaphthalene	2550		330	43
118-74-1	Hexachlorobenzene	2730		33	4.5
77-47-4	Hexachlorocyclopentadiene	2080		330	39
88-06-2	2,4,6-Trichlorophenol	5110		330	39
95-95-4	2,4,5-Trichlorophenol	5260		330	43
92-52-4	Diphenyl	2870		330	44
91-58-7	2-Chloronaphthalene	2670		330	37
88-74-4	2-Nitroaniline	2530		670	140
606-20-2	2,6-Dinitrotoluene	2700		67	10
131-11-3	Dimethyl phthalate	2660		330	39
208-96-8	Acenaphthylene	2710		330	39
99-09-2	3-Nitroaniline	1780		670	120
83-32-9	Acenaphthene	2760		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118530/2-A

Matrix: Solid | Lab File ID: p31644.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4500		1000	210
51-28-5	2,4-Dinitrophenol	2300		1000	190
132-64-9	Dibenzofuran	2700		330	39
84-66-2	Diethyl phthalate	2630		330	39
86-73-7	Fluorene	2680		330	42
206-44-0	Fluoranthene	2590		330	44
84-74-2	Di-n-butyl phthalate	2640		330	41
121-14-2	2,4-Dinitrotoluene	2660		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2690		330	39
100-01-6	4-Nitroaniline	2290		670	100
534-52-1	4,6-Dinitro-2-methylphenol	3650		1000	90
101-55-3	4-Bromophenyl phenyl ether	2790		330	33
1912-24-9	Atrazine	2130		330	51
120-12-7	Anthracene	2730		330	40
86-74-8	Carbazole	2680		330	39
85-01-8	Phenanthrene	2750		330	42
87-86-5	Pentachlorophenol	4870		1000	99
129-00-0	Pyrene	2660		330	28
218-01-9	Chrysene	2880		330	39
207-08-9	Benzo[k]fluoranthene	2820		33	2.5
191-24-2	Benzo[g,h,i]perylene	3210		330	25
205-99-2	Benzo[b]fluoranthene	2480		33	2.1
50-32-8	Benzo[a]pyrene	2780		33	2.3
56-55-3	Benzo[a]anthracene	2600		33	2.3
86-30-6	N-Nitrosodiphenylamine	2900		330	33
85-68-7	Butyl benzyl phthalate	2540		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2400		330	110
117-84-0	Di-n-octyl phthalate	2310		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3210		33	6.2
53-70-3	Dibenz(a,h)anthracene	3220		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2110		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2490		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2490		330	43
123-91-1	1,4-Dioxane	1390		330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118530/2-A

Matrix: Solid | Lab File ID: p31644.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31644.d
Report Date: 09-Jul-2012 00:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31644.d
Lab Smp Id: LCS 460-118530/2-A
Inj Date : 06-JUL-2012 10:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-118530/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.015	0.974	(0.279)	201053	20.9244	1400
	19 N-Nitrosodimethylamine	74	1.209	1.186	(0.332)	509121	35.8925	2400
	71 Pyridine	79	1.227	1.197	(0.337)	716905	29.1804	1900
$	16 2-Fluorophenol (SUR)	112	2.308	2.296	(0.634)	1547926	69.2104	4600
	110 Benzaldehyde	77	3.154	3.154	(0.866)	278082	26.1324	1700
$	17 Phenol-d5 (SUR)	99	3.313	3.313	(0.910)	1860756	68.6862	4600
	73 Aniline	93	3.283	3.289	(0.902)	831659	25.9846	1700
	1 Phenol	94	3.330	3.330	(0.914)	2059966	71.9291	4800
	20 bis(2-Chloroethyl)ether	93	3.383	3.383	(0.929)	854962	35.7500	2400
	2 2-Chlorophenol	128	3.418	3.424	(0.939)	1684793	73.3929	4900
	113 n-decane	43	3.506	3.507	(0.963)	644396	28.3226	1900
	21 1,3-Dichlorobenzene	146	3.577	3.583	(0.982)	926423	36.2404	2400
*	79 1,4-Dichlorobenzene-d4	152	3.642	3.648	(1.000)	663272	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31644.d
Report Date: 09-Jul-2012 00:06

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	22 1,4-Dichlorobenzene	146	3.665	3.665	(1.006)	949636	36.6966	2400
	74 Benzyl Alcohol	108	3.847	3.853	(1.056)	544548	40.6796	2700
	23 1,2-Dichlorobenzene	146	3.835	3.836	(1.053)	896654	36.8714	2400
	3 2-Methylphenol	108	4.194	4.200	(1.152)	1463253	73.4939	4900
	24 bis (2-chloroisopropyl) ether	45	3.994	4.006	(1.097)	947591	39.5780	2600
	104 Acetophenone	105	4.135	4.141	(1.136)	1094468	38.2680	2600
	25 N-Nitroso-di-n-propylamine	70	4.159	4.165	(1.142)	621572	40.2658	2700
	4 4-Methylphenol	108	4.194	4.200	(1.152)	1463253	76.1127	5100
	123 3 & 4 Methylphenol	108	4.194	4.200	(1.152)	1463253	75.2227	5000
	26 Hexachloroethane	117	4.206	4.212	(1.155)	373249	36.3680	2400
$	76 Nitrobenzene-d5 (SUR)	82	4.294	4.300	(0.848)	855511	34.0302	2300
	27 Nitrobenzene	77	4.317	4.329	(0.853)	1233303	38.9167	2600
	107 N,N-Dimethylaniline	120	4.323	4.329	(1.187)	1156615	37.6385	2500
	28 Isophorone	82	4.605	4.599	(0.909)	1414556	37.0799	2500
	5 2-Nitrophenol	139	4.670	4.676	(0.922)	891731	76.5957	5100
	6 2,4-Dimethylphenol	122	4.776	4.776	(0.943)	1400090	74.6596	5000
	29 bis(2-Chloroethoxy)methane	93	4.864	4.864	(0.961)	914756	39.8383	2600
	15 Benzoic Acid	122	5.005	4.999	(0.988)	544440	46.3495	3100
	7 2,4-Dichlorophenol	162	4.952	4.952	(0.978)	1192591	72.9092	4900
	30 1,2,4-Trichlorobenzene	180	5.016	5.022	(0.991)	708709	37.6902	2500
*	80 Naphthalene-d8	136	5.063	5.069	(1.000)	2122063	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.005)	2171831	39.6104	2600
	32 4-Chloroaniline	127	5.181	5.181	(1.023)	507588	23.3238	1600
	33 Hexachlorobutadiene	225	5.240	5.246	(1.035)	397530	36.9154	2500
	111 Caprolactam	113	5.598	5.598	(1.106)	167148	36.2894	2400
	8 4-Chloro-3-methylphenol	107	5.745	5.751	(1.135)	1256606	75.3010	5000
	34 2-Methylnaphthalene	142	5.821	5.822	(1.150)	1357903	38.2109	2500
	120 1-Methylnaphthalene	142	5.915	5.921	(1.168)	1303398	36.0857	2400
	35 Hexachlorocyclopentadiene	237	5.992	5.998	(0.872)	275264	31.1687	2100
	129 1,2,4,5-Tetrachlorobenzene	216	6.004	6.004	(0.874)	605262	37.3578	2500
	9 2,4,6-Trichlorophenol	196	6.139	6.145	(0.894)	762614	76.5953	5100
	10 2,4,5-Trichlorophenol	196	6.180	6.186	(0.900)	784923	78.9536	5300
$	77 2-Fluorobiphenyl (SUR)	172	6.215	6.215	(0.905)	1310992	37.4890	2500
	102 Diphenyl	154	6.309	6.309	(0.919)	1628912	42.9861	2900
	36 2-Chloronaphthalene	162	6.315	6.315	(0.920)	1189390	40.0584	2700
	103 Diphenyl Ether	170	6.415	6.421	(0.934)	873487	40.6828	2700
	37 2-Nitroaniline	65	6.444	6.450	(0.938)	356250	37.9717	2500
	38 Dimethylphthalate	163	6.650	6.650	(0.968)	1156020	39.9403	2700
	40 2,6-Dinitrotoluene	165	6.703	6.703	(0.976)	276576	40.4691	2700
	39 Acenaphthylene	152	6.720	6.726	(0.979)	1753266	40.6070	2700
	41 3-Nitroaniline	138	6.861	6.867	(0.999)	192264	26.6867	1800
*	82 Acenaphthene-d10	164	6.867	6.867	(1.000)	1015499	40.0000	
	42 Acenaphthene	154	6.897	6.903	(1.004)	1124896	41.4550	2800
	11 2,4-Dinitrophenol	184	6.985	6.985	(1.017)	114106	34.5338	2300
	12 4-Nitrophenol	65	7.091	7.091	(1.032)	381594	67.4734	4500
	44 2,4-Dinitrotoluene	165	7.102	7.108	(1.034)	333264	39.8830	2600
	43 Dibenzofuran	168	7.073	7.073	(1.030)	1496197	40.4726	2700

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31644.d
Report Date: 09-Jul-2012 00:06

								CONCENTRATIONS	
		QUANT SIG						ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE		(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	7.220	7.220	(1.051)	243632		37.3098	2500
	45 Diethylphthalate	149	7.349	7.355	(1.070)	1110493		39.3878	2600
	47 Fluorene	166	7.408	7.414	(1.079)	1222131		40.2575	2700
	46 4-Chlorophenyl-phenylether	204	7.425	7.431	(1.081)	589042		40.3028	2700
	48 4-Nitroaniline	138	7.467	7.473	(1.087)	206083		34.3665	2300
	13 4,6-Dinitro-2-methylphenol	198	7.508	7.514	(0.903)	231737		54.7875	3600
	49 N-Nitrosodiphenylamine	169	7.555	7.555	(0.908)	811809		43.5033	2900
	75 1,2-Diphenylhydrazine	77	7.584	7.584	(0.912)	1263780		36.7946	2400
$	18 2,4,6-Tribromophenol (SUR)	330	7.655	7.655	(1.115)	293299		71.4718	4800
	50 4-Bromophenyl-phenylether	248	7.901	7.902	(0.950)	309462		41.8391	2800
	51 Hexachlorobenzene	284	7.954	7.960	(0.956)	319345		40.9943	2700
	112 Atrazine	200	8.101	8.107	(0.974)	206403		31.9993	2100
	14 Pentachlorophenol	266	8.166	8.166	(0.982)	309559		73.0821	4900
	115 n-Octadecane	57	8.289	8.289	(0.996)	780792		43.9662	2900
*	83 Phenanthrene-d10	188	8.319	8.325	(1.000)	1180064		40.0000	
	52 Phenanthrene	178	8.342	8.348	(1.003)	1346054		41.2451	2700
	53 Anthracene	178	8.395	8.395	(1.009)	1339765		40.9917	2700
	54 Carbazole	167	8.571	8.571	(1.030)	1083388		40.1924	2700
	55 Di-n-butylphthalate	149	8.947	8.947	(1.076)	1378460		39.6008	2600
	56 Fluoranthene	202	9.500	9.506	(1.142)	1117852		38.8588	2600
	58 Benzidine	184	9.664	9.664	(1.162)	33159		5.31322	350
	57 Pyrene	202	9.717	9.717	(0.891)	1073602		39.9171	2700
$	78 Terphenyl-d14	244	9.899	9.899	(0.907)	663221		35.7189	2400
	59 Butylbenzylphthalate	149	10.393	10.399	(0.953)	447587		38.1492	2500
	60 3,3'-Dichlorobenzidine	252	10.898	10.898	(0.999)	192863		31.6552	2100
	61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	763748		38.9909	2600
*	81 Chrysene-d12	240	10.910	10.910	(1.000)	635830		40.0000	
	62 Chrysene	228	10.933	10.939	(1.002)	750976		43.1589	2900
	63 bis(2-Ethylhexyl)phthalate	149	10.992	10.992	(1.008)	538593		35.9822	2400
	64 Di-n-octylphthalate	149	11.715	11.715	(0.934)	871359		34.6231	2300
	65 Benzo(b)fluoranthene	252	12.097	12.097	(0.964)	619441		37.1953	2500
	66 Benzo(k)fluoranthene	252	12.126	12.126	(0.966)	745232		42.3423	2800
	67 Benzo(a)pyrene	252	12.478	12.479	(0.994)	566901		41.6725	2800
*	84 Perylene-d12	264	12.549	12.549	(1.000)	543117		40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.865	13.871	(1.105)	592939		48.2084	3200(M)
	69 Dibenz(a,h)anthracene	278	13.894	13.895	(1.107)	575645		48.3178	3200
	70 Benzo(g,h,i)perylene	276	14.182	14.182	(1.130)	593405		48.1359	3200

QC Flag Legend

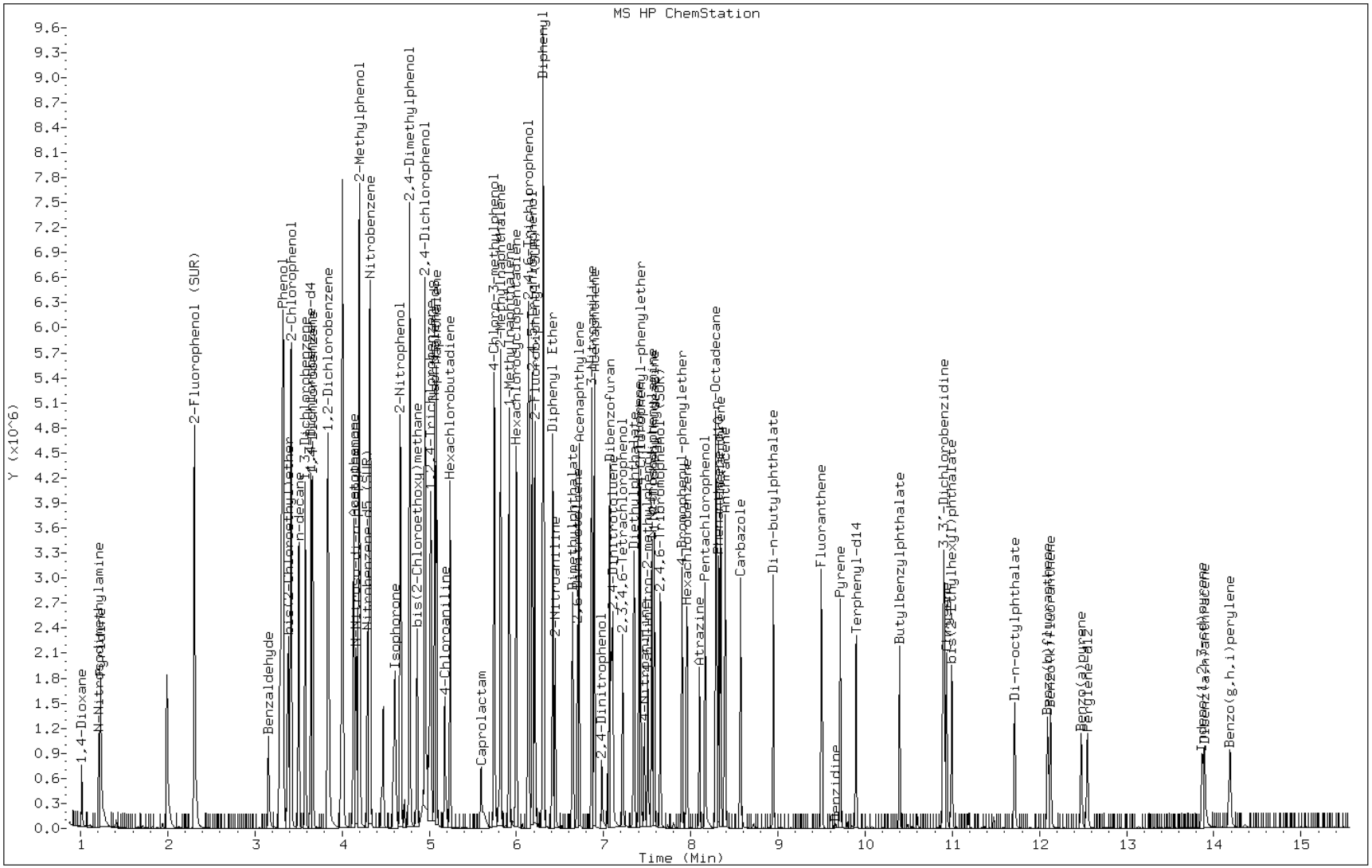
M - Compound response manually integrated.

Data File: p31644.d

Date: 06-JUL-2012 10:19

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-118530/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p31644.d
Inj. Date and Time: 06-JUL-2012 10:19
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

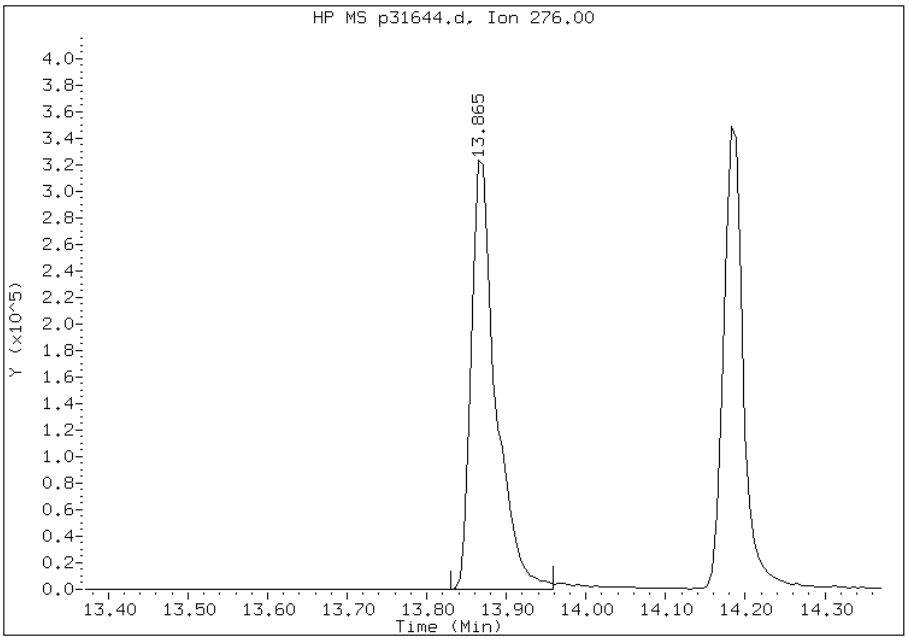
Processing Integration Results

RT: 13.87

Response: 684338

Amount: 56

Conc: 3709



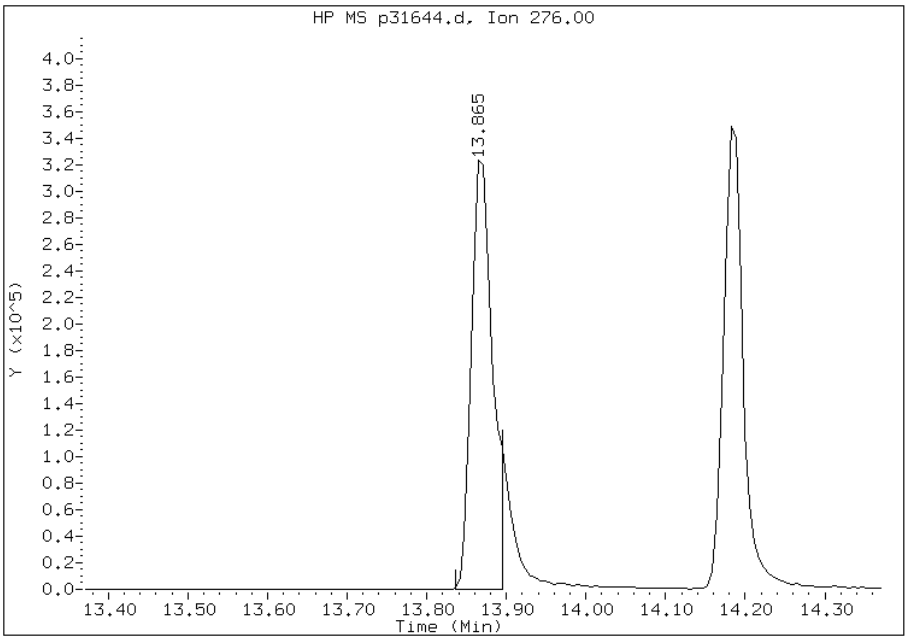
Manual Integration Results

RT: 13.87

Response: 592939

Amount: 48

Conc: 3214



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: u78050.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 17:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5840		390	52
95-57-8	2-Chlorophenol	5710		390	51
95-48-7	2-Methylphenol	6480		390	67
106-44-5	4-Methylphenol	6600		390	77
100-52-7	Benzaldehyde	2990		390	46
98-86-2	Acetophenone	2530		390	60
111-44-4	Bis(2-chloroethyl)ether	2450		39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	2430		390	43
621-64-7	N-Nitrosodi-n-propylamine	2860		39	6.5
98-95-3	Nitrobenzene	2090		39	5.6
67-72-1	Hexachloroethane	1850		39	4.3
78-59-1	Isophorone	2710		390	47
88-75-5	2-Nitrophenol	5190		390	44
105-67-9	2,4-Dimethylphenol	6620		390	96
120-83-2	2,4-Dichlorophenol	6050		390	57
111-91-1	Bis(2-chloroethoxy)methane	2700		390	50
91-20-3	Naphthalene	2200		390	45
106-47-8	4-Chloroaniline	2000		390	100
87-68-3	Hexachlorobutadiene	1920		79	9.5
105-60-2	Caprolactam	2050		390	90
59-50-7	4-Chloro-3-methylphenol	6310		390	59
91-57-6	2-Methylnaphthalene	2750		390	50
118-74-1	Hexachlorobenzene	3300		39	5.3
77-47-4	Hexachlorocyclopentadiene	849		390	46
88-06-2	2,4,6-Trichlorophenol	6410		390	46
95-95-4	2,4,5-Trichlorophenol	6580		390	50
92-52-4	Diphenyl	2870		390	52
91-58-7	2-Chloronaphthalene	2980		390	44
88-74-4	2-Nitroaniline	3620		790	160
606-20-2	2,6-Dinitrotoluene	3680		79	12
131-11-3	Dimethyl phthalate	3330		390	46
208-96-8	Acenaphthylene	3030		390	46
99-09-2	3-Nitroaniline	2810		790	140
83-32-9	Acenaphthene	3110		390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: u78050.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) | Date Analyzed: 07/06/2012 17:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7040		1200	250
51-28-5	2,4-Dinitrophenol	4360		1200	220
132-64-9	Dibenzofuran	3220		390	46
84-66-2	Diethyl phthalate	3360		390	47
86-73-7	Fluorene	3380		390	50
206-44-0	Fluoranthene	3430		390	52
84-74-2	Di-n-butyl phthalate	3580		390	48
121-14-2	2,4-Dinitrotoluene	3610		79	13
7005-72-3	4-Chlorophenyl phenyl ether	3370		390	46
100-01-6	4-Nitroaniline	3260		790	120
534-52-1	4,6-Dinitro-2-methylphenol	5330		1200	110
101-55-3	4-Bromophenyl phenyl ether	3470		390	39
1912-24-9	Atrazine	2740		390	60
120-12-7	Anthracene	3530		390	47
86-74-8	Carbazole	3240		390	46
85-01-8	Phenanthrene	3480		390	50
87-86-5	Pentachlorophenol	2000		1200	120
129-00-0	Pyrene	3840		390	33
218-01-9	Chrysene	3540		390	46
207-08-9	Benzo[k]fluoranthene	3860		39	3.0
191-24-2	Benzo[g,h,i]perylene	3810		390	29
205-99-2	Benzo[b]fluoranthene	3220		39	2.5
50-32-8	Benzo[a]pyrene	3700		39	2.8
56-55-3	Benzo[a]anthracene	3490		39	2.7
86-30-6	N-Nitrosodiphenylamine	3360		390	39
85-68-7	Butyl benzyl phthalate	3660		390	36
117-81-7	Bis(2-ethylhexyl) phthalate	3740		390	130
117-84-0	Di-n-octyl phthalate	3810		390	25
193-39-5	Indeno[1,2,3-cd]pyrene	3590		39	7.3
53-70-3	Dibenz(a,h)anthracene	3870		39	4.9
91-94-1	3,3'-Dichlorobenzidine	2770		790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	2350		390	53
58-90-2	2,3,4,6-Tetrachlorophenol	2440		390	51
123-91-1	1,4-Dioxane	1010		390	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS Lab Sample ID: 460-41730-5 MS

Matrix: Solid Lab File ID: u78050.d

Analysis Method: 8270C Date Collected: 06/25/2012 12:04

Extract. Method: 3541 Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.03(g) Date Analyzed: 07/06/2012 17:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	66		10-120
367-12-4	2-Fluorophenol	64		37-125
321-60-8	2-Fluorobiphenyl	57		40-109

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78050.d
Report Date: 08-Jul-2012 20:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78050.d
Lab Smp Id: 460-41730-E-5-J MS Client Smp ID: SF-29
Inj Date : 06-JUL-2012 17:03
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-5-J MS
Misc Info : 460-41730-E-5-J MS
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 23 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	0.995	0.966	(0.288)	22649	12.7734	1000
19	N-Nitrosodimethylamine	74	1.185	1.163	(0.343)	97861	28.3656	2200
71	Pyridine	79	1.208	1.178	(0.350)	100800	17.4818	1400
$ 16	2-Fluorophenol (SUR)	112	2.226	2.210	(0.645)	283611	64.0760	5000
110	Benzaldehyde	77	3.003	2.996	(0.870)	108579	37.9276	3000
73	Aniline	93	3.120	3.122	(0.904)	174057	20.2438	1600
$ 17	Phenol-d5 (SUR)	99	3.150	3.145	(0.912)	571460	74.7094	5900
1	Phenol	94	3.165	3.160	(0.917)	637528	74.1720	5800
20	bis(2-Chloroethyl)ether	93	3.208	3.204	(0.929)	177771	31.1666	2400
2	2-Chlorophenol	128	3.245	3.249	(0.940)	347683	72.5422	5700
113	n-decane	43	3.312	3.316	(0.959)	112893	15.4245	1200
21	1,3-Dichlorobenzene	146	3.393	3.389	(0.983)	128381	22.6761	1800(R)
* 79	1,4-Dichlorobenzene-d4	152	3.453	3.454	(1.000)	144441	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78050.d
Report Date: 08-Jul-2012 20:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.475	3.469	(1.006)	146611	24.3039	1900(R)
	74 Benzyl Alcohol	108	3.635	3.631	(1.053)	134647	39.1945	3100
	23 1,2-Dichlorobenzene	146	3.627	3.624	(1.051)	146037	24.2267	1900
	24 bis (2-chloroisopropyl) ether	45	3.768	3.765	(1.091)	351988	30.8021	2400
	3 2-Methylphenol	108	3.775	3.780	(1.093)	405220	82.2327	6500
	104 Acetophenone	105	3.900	3.899	(1.130)	293415	32.1337	2500
	25 N-Nitroso-di-n-propylamine	70	3.915	3.922	(1.134)	233181	36.3534	2900
	4 4-Methylphenol	108	3.952	3.952	(1.145)	468422	83.7781	6600
	123 3 & 4 Methylphenol	108	3.952	3.952	(1.145)	468422	83.7781	6600
	26 Hexachloroethane	117	3.967	3.967	(1.149)	71386	23.5460	1800
$	76 Nitrobenzene-d5 (SUR)	82	4.041	4.048	(0.847)	260804	24.2342	1900
	27 Nitrobenzene	77	4.063	4.071	(0.852)	397575	26.4873	2100
	107 N,N-Dimethylaniline	120	4.071	4.071	(1.179)	163732	22.0199	1700
	28 Isophorone	82	4.340	4.322	(0.910)	578556	34.3919	2700
	5 2-Nitrophenol	139	4.399	4.389	(0.922)	212824	65.8717	5200
	6 2,4-Dimethylphenol	122	4.487	4.492	(0.941)	387103	84.1081	6600
	29 bis(2-Chloroethoxy)methane	93	4.567	4.565	(0.958)	283641	34.2415	2700
	7 2,4-Dichlorophenol	162	4.656	4.661	(0.976)	445481	76.8378	6000
	15 Benzoic Acid	122	4.709	4.713	(0.987)	105306	35.9789	2800
	30 1,2,4-Trichlorobenzene	180	4.724	4.721	(0.991)	168295	26.8031	2100
*	80 Naphthalene-d8	136	4.768	4.765	(1.000)	606458	40.0000	
	31 Naphthalene	128	4.791	4.788	(1.005)	422064	27.9220	2200
	32 4-Chloroaniline	127	4.873	4.870	(1.022)	152730	25.4459	2000
	33 Hexachlorobutadiene	225	4.932	4.930	(1.034)	122813	24.3282	1900
	111 Caprolactam	113	5.301	5.303	(1.112)	36676	26.0370	2000
	8 4-Chloro-3-methylphenol	107	5.427	5.421	(1.138)	558978	80.1946	6300
	34 2-Methylnaphthalene	142	5.491	5.496	(1.152)	372876	34.8719	2700
	120 1-Methylnaphthalene	142	5.593	5.592	(1.173)	336655	29.4375	2300
	35 Hexachlorocyclopentadiene	237	5.659	5.659	(0.867)	47126	10.7848	850(R)
	129 1,2,4,5-Tetrachlorobenzene	216	5.673	5.674	(0.870)	249675	29.7838	2300(R)
	9 2,4,6-Trichlorophenol	196	5.810	5.807	(0.891)	390096	81.3716	6400
	10 2,4,5-Trichlorophenol	196	5.855	5.857	(0.898)	432959	83.6171	6600
$	77 2-Fluorobiphenyl (SUR)	172	5.878	5.879	(0.901)	399051	28.2535	2200
	102 Diphenyl	154	5.973	5.974	(0.916)	589037	36.5049	2900
	36 2-Chloronaphthalene	162	5.980	5.981	(0.917)	452294	37.8911	3000
	103 Diphenyl Ether	170	6.077	6.078	(0.932)	299322	38.7429	3000
	37 2-Nitroaniline	65	6.107	6.108	(0.936)	281266	46.0248	3600
	38 Dimethylphthalate	163	6.304	6.308	(0.966)	631838	42.2775	3300
	40 2,6-Dinitrotoluene	165	6.363	6.360	(0.975)	153219	46.6855	3700
	39 Acenaphthylene	152	6.385	6.383	(0.979)	645961	38.5240	3000
	41 3-Nitroaniline	138	6.516	6.523	(0.999)	106085	35.6441	2800
*	82 Acenaphthene-d10	164	6.524	6.523	(1.000)	411093	40.0000	
	42 Acenaphthene	154	6.561	6.560	(1.006)	445852	39.5126	3100
	11 2,4-Dinitrophenol	184	6.635	6.634	(1.017)	113567	55.4247	4400
	12 4-Nitrophenol	65	6.755	6.744	(1.035)	423738	89.4041	7000
	43 Dibenzofuran	168	6.732	6.729	(1.032)	688447	40.8979	3200
	44 2,4-Dinitrotoluene	165	6.762	6.759	(1.037)	214925	45.8267	3600

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78050.d
Report Date: 08-Jul-2012 20:52

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	6.874	6.876	(1.054)	135811	31.0337	2400(R)
	45 Diethylphthalate	149	7.008	7.001	(1.074)	708235	42.6503	3400
	47 Fluorene	166	7.068	7.067	(1.083)	602118	42.9325	3400
	46 4-Chlorophenyl-phenylether	204	7.081	7.080	(1.085)	323647	42.8474	3400
	48 4-Nitroaniline	138	7.141	7.132	(1.095)	107364	41.4416	3300
	13 4,6-Dinitro-2-methylphenol	198	7.171	7.169	(0.899)	212451	67.6888	5300
	49 N-Nitrosodiphenylamine	169	7.208	7.205	(0.903)	374904	42.6812	3400
	75 1,2-Diphenylhydrazine	77	7.236	7.235	(0.907)	899222	36.6394	2900
$	18 2,4,6-Tribromophenol (SUR)	330	7.309	7.310	(1.120)	210347	66.4754	5200
	50 4-Bromophenyl-phenylether	248	7.551	7.552	(0.946)	211293	44.1015	3500
	51 Hexachlorobenzene	284	7.610	7.611	(0.954)	244312	41.9640	3300
	112 Atrazine	200	7.759	7.758	(0.972)	138532	34.7969	2700
	14 Pentachlorophenol	266	7.819	7.818	(0.980)	88485	25.4565	2000
	115 n-Octadecane	57	7.935	7.934	(0.994)	536436	48.7559	3800
*	83 Phenanthrene-d10	188	7.979	7.978	(1.000)	670291	40.0000	
	52 Phenanthrene	178	8.002	8.000	(1.003)	810631	44.1782	3500
	53 Anthracene	178	8.047	8.053	(1.008)	811202	44.8439	3500
	54 Carbazole	167	8.224	8.223	(1.031)	647294	41.1719	3200
	55 Di-n-butylphthalate	149	8.593	8.593	(1.077)	1134179	45.4633	3600
	56 Fluoranthene	202	9.159	9.159	(1.148)	844645	43.6177	3400
	57 Pyrene	202	9.371	9.372	(0.886)	829228	48.7930	3800
$	78 Terphenyl-d14	244	9.547	9.548	(0.903)	589968	43.8957	3400
	59 Butylbenzylphthalate	149	10.041	10.045	(0.950)	411703	46.4796	3700
	60 3,3'-Dichlorobenzidine	252	10.554	10.559	(0.998)	162705	35.2253	2800
	61 Benzo(a)anthracene	228	10.561	10.559	(0.999)	679535	44.3024	3500
*	81 Chrysene-d12	240	10.575	10.573	(1.000)	530902	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.641	10.645	(1.006)	534367	47.4679	3700
	62 Chrysene	228	10.604	10.602	(1.003)	618317	44.9351	3500
	64 Di-n-octylphthalate	149	11.376	11.379	(0.929)	787636	48.3589	3800
	65 Benzo(b)fluoranthene	252	11.779	11.781	(0.962)	461779	40.8406	3200
	66 Benzo(k)fluoranthene	252	11.817	11.817	(0.965)	558470	49.0718	3900
	67 Benzo(a)pyrene	252	12.175	12.171	(0.995)	418945	47.0201	3700(R)
*	84 Perylene-d12	264	12.240	12.244	(1.000)	371608	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.585	13.588	(1.110)	356021	45.6191	3600(M)
	69 Dibenz(a,h)anthracene	278	13.608	13.609	(1.112)	371580	49.1451	3900
	70 Benzo(g,h,i)perylene	276	13.911	13.908	(1.136)	390900	48.3730	3800

QC Flag Legend

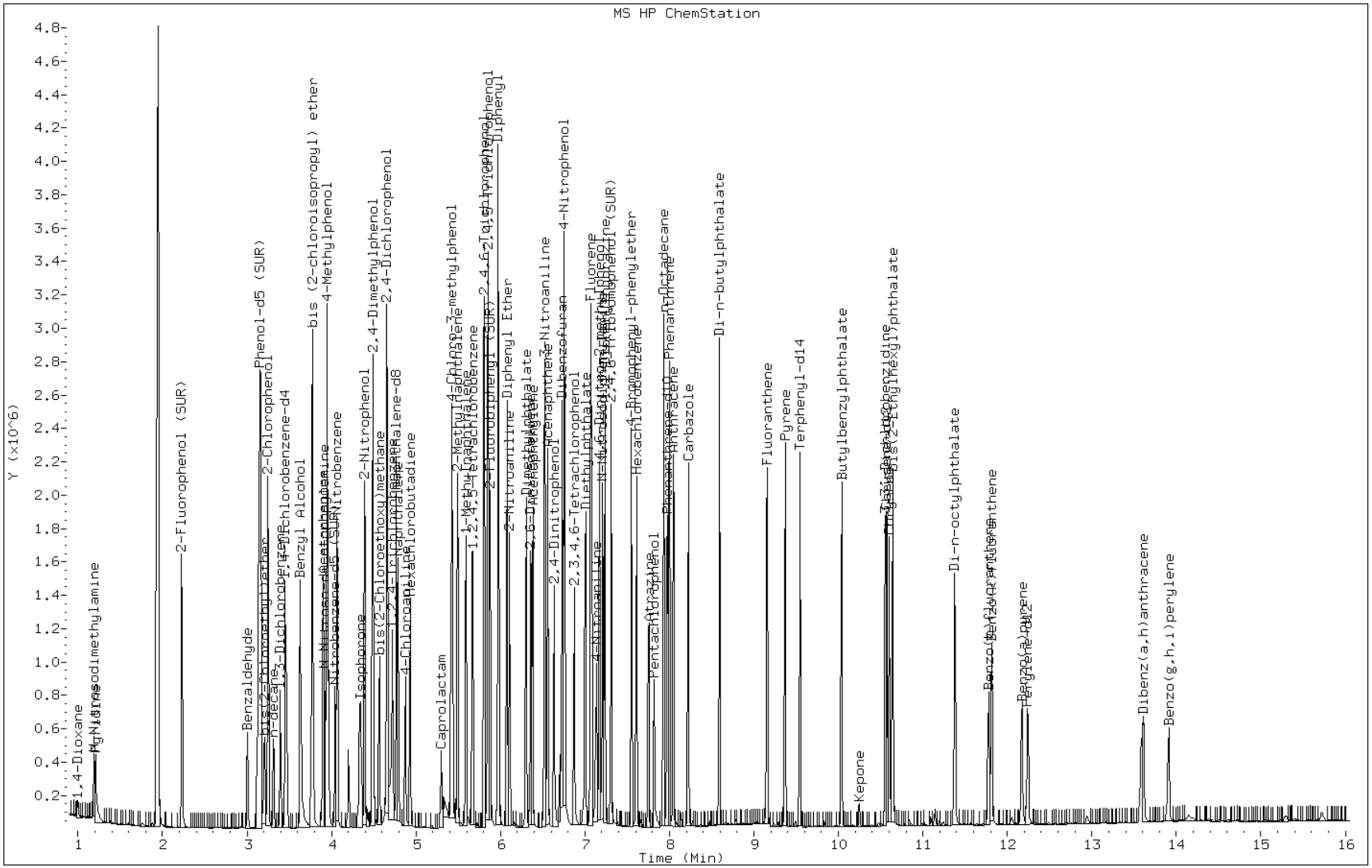
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: u78050.d

Date: 06-JUL-2012 17:03

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-J MS Operator: BNAMS 4



Manual Integration Report

Data File: u78050.d
Inj. Date and Time: 06-JUL-2012 17:03
Instrument ID: BNAMS4.i
Client ID: SF-29
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

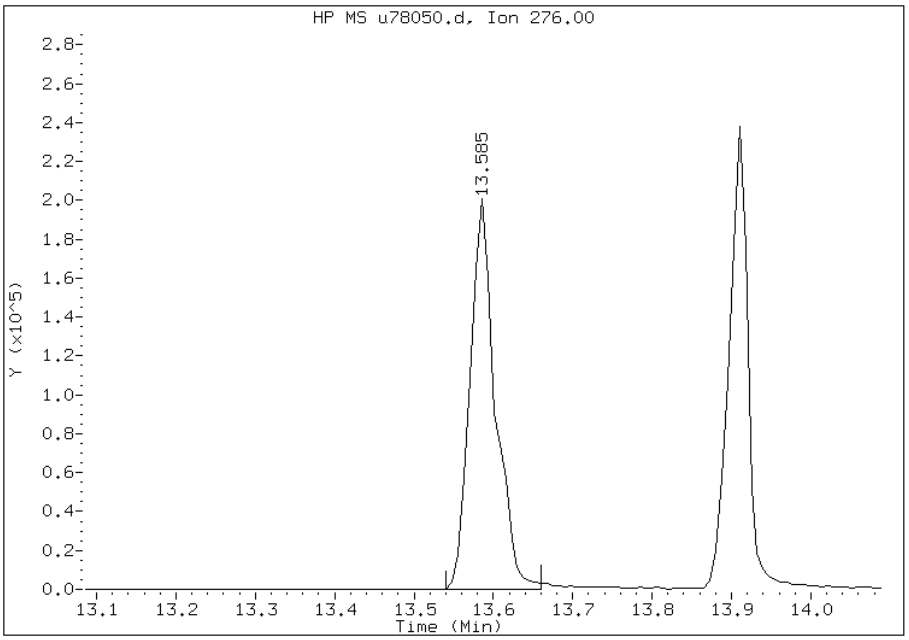
Processing Integration Results

RT: 13.59

Response: 442691

Amount: 56

Conc: 4373



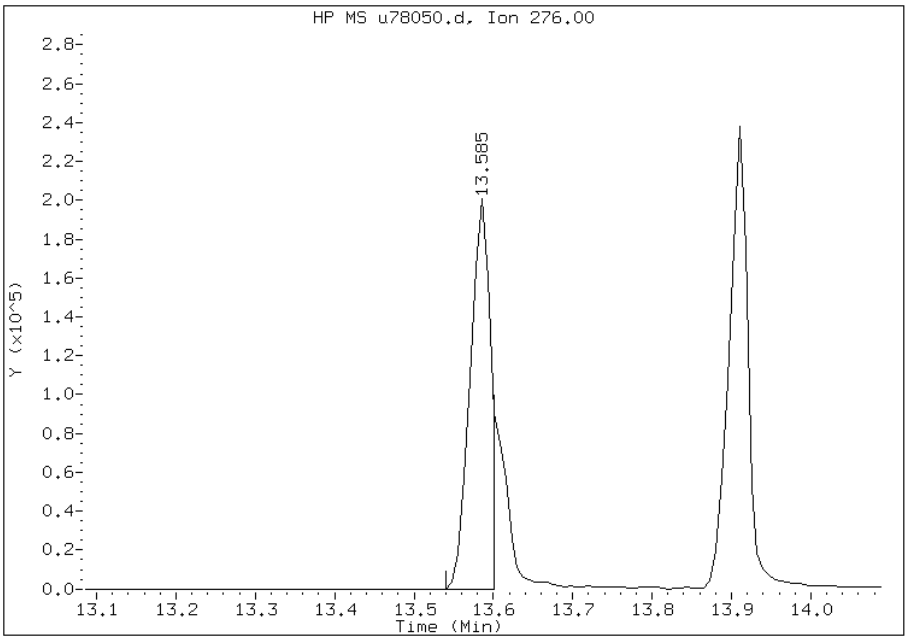
Manual Integration Results

RT: 13.59

Response: 356021

Amount: 46

Conc: 3592



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: p31663.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 17:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	13600		1700	220
95-57-8	2-Chlorophenol	13500		1700	220
95-48-7	2-Methylphenol	14000		1700	280
106-44-5	4-Methylphenol	14500		1700	330
100-52-7	Benzaldehyde	8330		1700	200
98-86-2	Acetophenone	7080		1700	260
111-44-4	Bis(2-chloroethyl)ether	6430		170	23
108-60-1	2,2'-oxybis[1-chloropropane]	7040		1700	180
621-64-7	N-Nitrosodi-n-propylamine	7680		170	28
98-95-3	Nitrobenzene	7290		170	24
67-72-1	Hexachloroethane	5760		170	19
78-59-1	Isophorone	7200		1700	200
88-75-5	2-Nitrophenol	13600		1700	190
105-67-9	2,4-Dimethylphenol	14800		1700	410
120-83-2	2,4-Dichlorophenol	13400		1700	240
111-91-1	Bis(2-chloroethoxy)methane	7380		1700	210
91-20-3	Naphthalene	6480		1700	190
106-47-8	4-Chloroaniline	4410		1700	440
87-68-3	Hexachlorobutadiene	6150		340	41
105-60-2	Caprolactam	9600		1700	380
59-50-7	4-Chloro-3-methylphenol	13500		1700	250
91-57-6	2-Methylnaphthalene	6690		1700	210
118-74-1	Hexachlorobenzene	7340		170	23
77-47-4	Hexachlorocyclopentadiene	200	U	1700	200
88-06-2	2,4,6-Trichlorophenol	14300		1700	190
95-95-4	2,4,5-Trichlorophenol	14300		1700	210
92-52-4	Diphenyl	8530		1700	220
91-58-7	2-Chloronaphthalene	7580		1700	190
88-74-4	2-Nitroaniline	7930		3400	690
606-20-2	2,6-Dinitrotoluene	7890		340	50
131-11-3	Dimethyl phthalate	8310		1700	200
208-96-8	Acenaphthylene	7490		1700	200
99-09-2	3-Nitroaniline	5890		3400	590
83-32-9	Acenaphthene	7650		1700	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: p31663.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.04(g) | Date Analyzed: 07/06/2012 17:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	12400		5000	1100
51-28-5	2,4-Dinitrophenol	5940		5000	950
132-64-9	Dibenzofuran	7380		1700	200
84-66-2	Diethyl phthalate	8050		1700	200
86-73-7	Fluorene	7070		1700	210
206-44-0	Fluoranthene	7060		1700	220
84-74-2	Di-n-butyl phthalate	8410		1700	210
121-14-2	2,4-Dinitrotoluene	8170		340	55
7005-72-3	4-Chlorophenyl phenyl ether	7130		1700	200
100-01-6	4-Nitroaniline	5370		3400	520
534-52-1	4,6-Dinitro-2-methylphenol	9720		5000	450
101-55-3	4-Bromophenyl phenyl ether	7740		1700	160
1912-24-9	Atrazine	5650		1700	260
120-12-7	Anthracene	7500		1700	200
86-74-8	Carbazole	7600		1700	200
85-01-8	Phenanthrene	8120		1700	210
87-86-5	Pentachlorophenol	12600		5000	500
129-00-0	Pyrene	6920		1700	140
218-01-9	Chrysene	7780		1700	190
207-08-9	Benzo[k]fluoranthene	6610		170	13
191-24-2	Benzo[g,h,i]perylene	12400		1700	120
205-99-2	Benzo[b]fluoranthene	5940		170	11
50-32-8	Benzo[a]pyrene	7030		170	12
56-55-3	Benzo[a]anthracene	7440		170	12
86-30-6	N-Nitrosodiphenylamine	8950		1700	160
85-68-7	Butyl benzyl phthalate	7700		1700	150
117-81-7	Bis(2-ethylhexyl) phthalate	10000		1700	550
117-84-0	Di-n-octyl phthalate	5610		1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	11800		170	31
53-70-3	Dibenz(a,h)anthracene	10600		170	21
91-94-1	3,3'-Dichlorobenzidine	1360	J	3400	580
95-94-3	1,2,4,5-Tetrachlorobenzene	6880		1700	220
58-90-2	2,3,4,6-Tetrachlorophenol	5750		1700	220
123-91-1	1,4-Dioxane	2590		1700	120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS Lab Sample ID: 460-41730-17 MS

Matrix: Solid Lab File ID: p31663.d

Analysis Method: 8270C Date Collected: 06/26/2012 11:32

Extract. Method: 3541 Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.04(g) Date Analyzed: 07/06/2012 17:47

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 60.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	94		40-109

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31663.d
Report Date: 09-Jul-2012 01:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31663.d
Lab Smp Id: 460-41730-E-17-J MS Client Smp ID: F-23
Inj Date : 06-JUL-2012 17:47
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41730-E-17-J MS
Misc Info : 460-41730-E-17-J MS
Comment   :
Method   : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 23 QC Sample: MS
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	1.004	0.974	(0.275)	77934	7.73793	2600(H)
19	N-Nitrosodimethylamine	74	1.203	1.186	(0.330)	272217	18.3085	6100
71	Pyridine	79	1.227	1.197	(0.336)	328157	12.7428	4300
$ 16	2-Fluorophenol (SUR)	112	2.308	2.296	(0.633)	941662	40.1671	13000
110	Benzaldehyde	77	3.154	3.154	(0.865)	277096	24.8422	8300
$ 17	Phenol-d5 (SUR)	99	3.313	3.313	(0.908)	1181866	41.6201	14000
73	Aniline	93	3.283	3.289	(0.900)	365390	10.8914	3600
1	Phenol	94	3.324	3.330	(0.911)	1214342	40.4520	14000
20	bis(2-Chloroethyl)ether	93	3.377	3.383	(0.926)	480680	19.1752	6400
2	2-Chlorophenol	128	3.418	3.424	(0.937)	965511	40.1254	13000
113	n-decane	43	3.507	3.507	(0.961)	535594	22.4580	7500
21	1,3-Dichlorobenzene	146	3.577	3.583	(0.981)	492572	18.3826	6200
* 79	1,4-Dichlorobenzene-d4	152	3.648	3.648	(1.000)	695244	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31663.d
Report Date: 09-Jul-2012 01:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.665	3.665	(1.005)	516690	19.0482	6400
	74 Benzyl Alcohol	108	3.853	3.853	(1.056)	321256	22.8953	7700
	23 1,2-Dichlorobenzene	146	3.836	3.836	(1.052)	481867	18.9037	6300
	3 2-Methylphenol	108	4.194	4.200	(1.150)	872526	41.8085	14000
	24 bis (2-chloroisopropyl) ether	45	4.000	4.006	(1.097)	526996	20.9988	7000(H)
	104 Acetophenone	105	4.135	4.141	(1.134)	633126	21.1192	7100
	25 N-Nitroso-di-n-propylamine	70	4.159	4.165	(1.140)	370637	22.9059	7700
	4 4-Methylphenol	108	4.194	4.200	(1.150)	872526	43.2982	14000
	123 3 & 4 Methylphenol	108	4.194	4.200	(1.150)	879342	43.1262	14000
	26 Hexachloroethane	117	4.212	4.212	(1.155)	184793	17.1775	5800
$	76 Nitrobenzene-d5 (SUR)	82	4.294	4.300	(0.848)	493983	19.4414	6500
	27 Nitrobenzene	77	4.317	4.329	(0.853)	696572	21.7474	7300
	107 N,N-Dimethylaniline	120	4.323	4.329	(1.185)	650398	20.1919	6800
	28 Isophorone	82	4.594	4.599	(0.907)	827393	21.4589	7200
	5 2-Nitrophenol	139	4.670	4.676	(0.922)	478113	40.6328	14000
	6 2,4-Dimethylphenol	122	4.776	4.776	(0.943)	839253	44.2791	15000
	29 bis(2-Chloroethoxy)methane	93	4.858	4.864	(0.959)	511023	22.0197	7400
	15 Benzoic Acid	122	4.981	4.999	(0.984)	352103	29.6579	9900
	7 2,4-Dichlorophenol	162	4.952	4.952	(0.978)	661654	40.0219	13000
	30 1,2,4-Trichlorobenzene	180	5.017	5.022	(0.991)	359512	18.9169	6300
*	80 Naphthalene-d8	136	5.064	5.069	(1.000)	2144779	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.005)	1217315	19.3164	6500
	32 4-Chloroaniline	127	5.181	5.181	(1.023)	289086	13.1429	4400
	33 Hexachlorobutadiene	225	5.246	5.246	(1.036)	199766	18.3542	6200
	111 Caprolactam	113	5.604	5.598	(1.107)	133328	28.6402	9600
	8 4-Chloro-3-methylphenol	107	5.745	5.751	(1.135)	677267	40.1548	13000
	34 2-Methylnaphthalene	142	5.822	5.822	(1.150)	716389	19.9454	6700
	120 1-Methylnaphthalene	142	5.921	5.921	(1.169)	665825	18.2387	6100
	129 1,2,4,5-Tetrachlorobenzene	216	6.004	6.004	(0.874)	291882	20.5041	6900
	9 2,4,6-Trichlorophenol	196	6.145	6.145	(0.895)	373821	42.7324	14000
	10 2,4,5-Trichlorophenol	196	6.186	6.186	(0.901)	373090	42.7124	14000
$	77 2-Fluorobiphenyl (SUR)	172	6.215	6.215	(0.905)	722409	23.5116	7900
	102 Diphenyl	154	6.309	6.309	(0.919)	846717	25.4311	8500
	36 2-Chloronaphthalene	162	6.315	6.315	(0.920)	589668	22.6034	7600
	103 Diphenyl Ether	170	6.421	6.421	(0.935)	444994	23.5887	7900
	37 2-Nitroaniline	65	6.444	6.450	(0.938)	194897	23.6432	7900
	125 1,3-Dimethylnaphthalene	156	6.538	6.544	(0.952)	35235	1.54332	520(a)
	38 Dimethylphthalate	163	6.650	6.650	(0.968)	630147	24.7790	8300
	40 2,6-Dinitrotoluene	165	6.703	6.703	(0.976)	141271	23.5266	7900
	39 Acenaphthylene	152	6.721	6.726	(0.979)	846881	22.3240	7500
	41 3-Nitroaniline	138	6.862	6.867	(0.999)	111162	17.5610	5900
*	82 Acenaphthene-d10	164	6.867	6.867	(1.000)	892244	40.0000	
	42 Acenaphthene	154	6.897	6.903	(1.004)	543720	22.8053	7600
	122 2,6-Di-tert-butyl-p-cresol	205	6.932	6.932	(1.009)	3621	0.15935	53(a)
	11 2,4-Dinitrophenol	184	6.985	6.985	(1.017)	51389	17.7011	5900
	12 4-Nitrophenol	65	7.097	7.091	(1.033)	183201	36.8685	12000
	44 2,4-Dinitrotoluene	165	7.102	7.108	(1.034)	178865	24.3624	8200

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31663.d
Report Date: 09-Jul-2012 01:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	43 Dibenzofuran	168	7.073	7.073	(1.030)	715288	22.0216	7400
	130 2,3,4,6-Tetrachlorophenol	232	7.226	7.220	(1.052)	98342	17.1405	5700(R)
	45 Diethylphthalate	149	7.349	7.355	(1.070)	594434	23.9964	8000
	47 Fluorene	166	7.408	7.414	(1.079)	562549	21.0904	7100
	46 4-Chlorophenyl-phenylether	204	7.426	7.431	(1.081)	273027	21.2613	7100
	48 4-Nitroaniline	138	7.467	7.473	(1.087)	84390	16.0170	5400
	13 4,6-Dinitro-2-methylphenol	198	7.508	7.514	(0.902)	94508	28.9937	9700
	49 N-Nitrosodiphenylamine	169	7.555	7.555	(0.908)	383854	26.6921	9000(R)
	75 1,2-Diphenylhydrazine	77	7.584	7.584	(0.911)	591287	22.3388	7500
$	18 2,4,6-Tribromophenol (SUR)	330	7.655	7.655	(1.115)	124167	34.4371	12000
	50 4-Bromophenyl-phenylether	248	7.902	7.902	(0.949)	131568	23.0820	7700
	51 Hexachlorobenzene	284	7.960	7.960	(0.956)	131325	21.8756	7300
	112 Atrazine	200	8.107	8.107	(0.974)	83775	16.8534	5600
	14 Pentachlorophenol	266	8.172	8.166	(0.982)	122898	37.6496	13000
	115 n-Octadecane	57	8.295	8.289	(0.996)	356212	26.0280	8700
*	83 Phenanthrene-d10	188	8.325	8.325	(1.000)	909404	40.0000	
	52 Phenanthrene	178	8.348	8.348	(1.003)	609340	24.2280	8100
	53 Anthracene	178	8.395	8.395	(1.008)	563661	22.3786	7500
	54 Carbazole	167	8.571	8.571	(1.030)	470846	22.6666	7600
	55 Di-n-butylphthalate	149	8.953	8.947	(1.076)	673070	25.0911	8400
	56 Fluoranthene	202	9.511	9.506	(1.143)	466864	21.0593	7100
	57 Pyrene	202	9.723	9.717	(0.891)	453682	20.6437	6900
$	78 Terphenyl-d14	244	9.899	9.899	(0.907)	286923	18.9115	6300
	59 Butylbenzylphthalate	149	10.399	10.399	(0.953)	220089	22.9577	7700
	60 3,3'-Dichlorobenzidine	252	10.904	10.898	(0.999)	23996	4.05970	1400(aR)
	61 Benzo(a)anthracene	228	10.910	10.898	(0.999)	355006	22.1805	7400
*	81 Chrysene-d12	240	10.916	10.910	(1.000)	519541	40.0000	
	62 Chrysene	228	10.939	10.939	(1.002)	330030	23.2124	7800
	63 bis(2-Ethylhexyl)phthalate	149	10.998	10.992	(1.008)	365232	29.8618	10000(R)
	64 Di-n-octylphthalate	149	11.727	11.715	(0.933)	499191	16.7174	5600
	65 Benzo(b)fluoranthene	252	12.108	12.097	(0.964)	350035	17.7146	5900
	66 Benzo(k)fluoranthene	252	12.138	12.126	(0.966)	411518	19.7063	6600
	67 Benzo(a)pyrene	252	12.496	12.479	(0.994)	338166	20.9510	7000
*	84 Perylene-d12	264	12.567	12.549	(1.000)	644407	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.924	13.871	(1.108)	515384	35.3165	12000(RH)
	69 Dibenz(a,h)anthracene	278	13.942	13.895	(1.109)	445776	31.5357	10000(R)
	70 Benzo(g,h,i)perylene	276	14.241	14.182	(1.133)	542357	37.0797	12000(RH)

QC Flag Legend

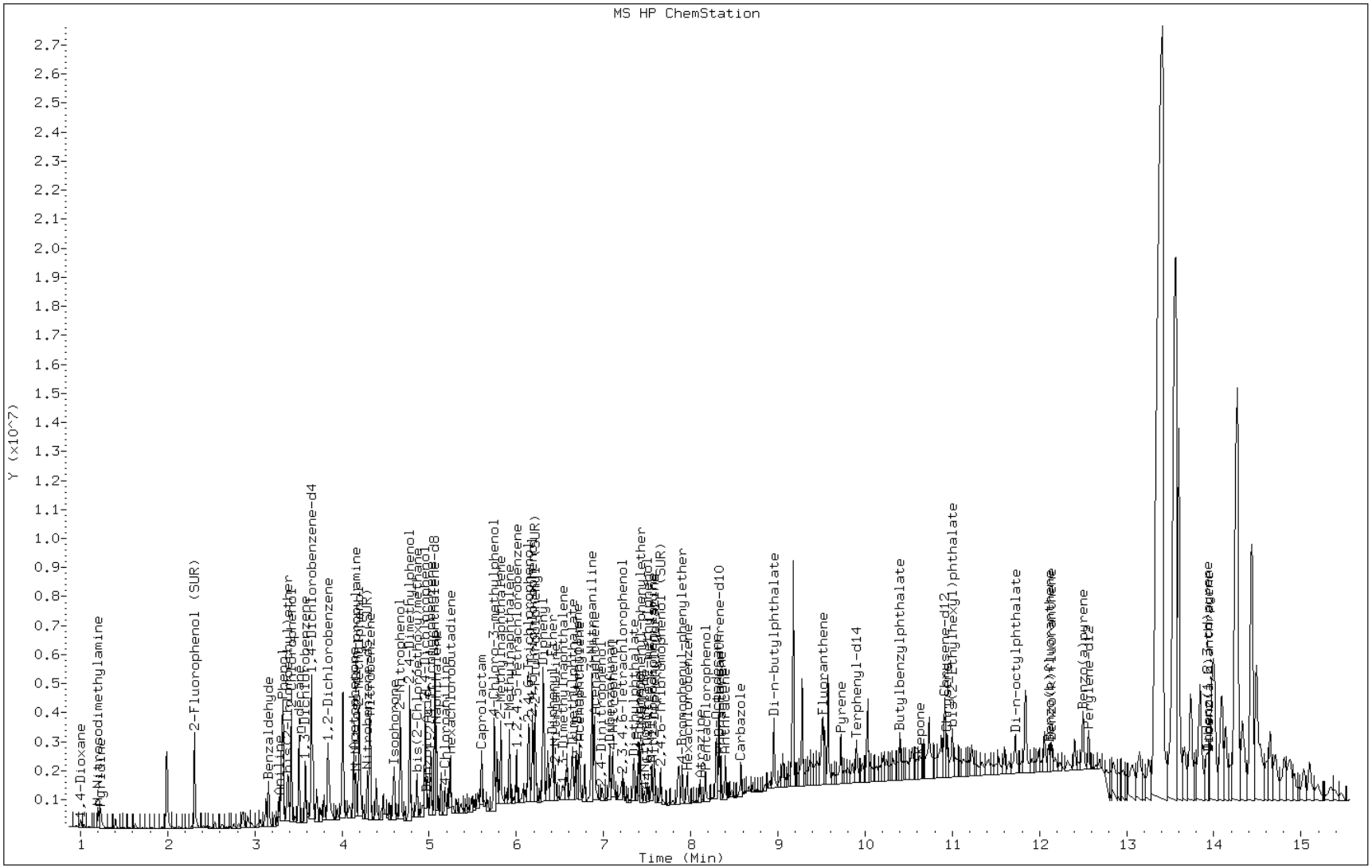
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p31663.d

Date: 06-JUL-2012 17:47

Client ID: F-23 Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-J MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: u78051.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5210		390	53
95-57-8	2-Chlorophenol	4830		390	51
95-48-7	2-Methylphenol	5520		390	67
106-44-5	4-Methylphenol	5360		390	77
100-52-7	Benzaldehyde	2670		390	46
98-86-2	Acetophenone	2070		390	60
111-44-4	Bis(2-chloroethyl)ether	2190		39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	2000		390	43
621-64-7	N-Nitrosodi-n-propylamine	2510		39	6.5
98-95-3	Nitrobenzene	2090		39	5.6
67-72-1	Hexachloroethane	1660		39	4.4
78-59-1	Isophorone	2670		390	47
88-75-5	2-Nitrophenol	4670		390	44
105-67-9	2,4-Dimethylphenol	6450		390	97
120-83-2	2,4-Dichlorophenol	5890		390	57
111-91-1	Bis(2-chloroethoxy)methane	2610		390	51
91-20-3	Naphthalene	2110		390	45
106-47-8	4-Chloroaniline	1770		390	100
87-68-3	Hexachlorobutadiene	1840		79	9.6
105-60-2	Caprolactam	2000		390	90
59-50-7	4-Chloro-3-methylphenol	6280		390	59
91-57-6	2-Methylnaphthalene	2560		390	50
118-74-1	Hexachlorobenzene	3360		39	5.3
77-47-4	Hexachlorocyclopentadiene	1060		390	46
88-06-2	2,4,6-Trichlorophenol	6410		390	46
95-95-4	2,4,5-Trichlorophenol	6550		390	51
92-52-4	Diphenyl	2850		390	52
91-58-7	2-Chloronaphthalene	2880		390	44
88-74-4	2-Nitroaniline	3560		790	160
606-20-2	2,6-Dinitrotoluene	3540		79	12
131-11-3	Dimethyl phthalate	3330		390	46
208-96-8	Acenaphthylene	3030		390	46
99-09-2	3-Nitroaniline	2610		790	140
83-32-9	Acenaphthene	2770		390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: u78051.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6510		1200	250
51-28-5	2,4-Dinitrophenol	4290		1200	220
132-64-9	Dibenzofuran	3140		390	46
84-66-2	Diethyl phthalate	3230		390	47
86-73-7	Fluorene	3200		390	50
206-44-0	Fluoranthene	3190		390	52
84-74-2	Di-n-butyl phthalate	3410		390	48
121-14-2	2,4-Dinitrotoluene	3480		79	13
7005-72-3	4-Chlorophenyl phenyl ether	3160		390	46
100-01-6	4-Nitroaniline	2790		790	120
534-52-1	4,6-Dinitro-2-methylphenol	5060		1200	110
101-55-3	4-Bromophenyl phenyl ether	3160		390	39
1912-24-9	Atrazine	2580		390	60
120-12-7	Anthracene	3220		390	48
86-74-8	Carbazole	3240		390	46
85-01-8	Phenanthrene	3350		390	50
87-86-5	Pentachlorophenol	2000		1200	120
129-00-0	Pyrene	3610		390	33
218-01-9	Chrysene	3180		390	46
207-08-9	Benzo[k]fluoranthene	3150		39	3.0
191-24-2	Benzo[g,h,i]perylene	3710		390	29
205-99-2	Benzo[b]fluoranthene	3000		39	2.5
50-32-8	Benzo[a]pyrene	3090		39	2.8
56-55-3	Benzo[a]anthracene	3150		39	2.7
86-30-6	N-Nitrosodiphenylamine	3240		390	39
85-68-7	Butyl benzyl phthalate	3480		390	36
117-81-7	Bis(2-ethylhexyl) phthalate	3360		390	130
117-84-0	Di-n-octyl phthalate	3210		390	25
193-39-5	Indeno[1,2,3-cd]pyrene	3350		39	7.3
53-70-3	Dibenz(a,h)anthracene	3490		39	4.9
91-94-1	3,3'-Dichlorobenzidine	2270		790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	2380		390	53
58-90-2	2,3,4,6-Tetrachlorophenol	2440		390	51
123-91-1	1,4-Dioxane	781		390	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: u78051.d

Analysis Method: 8270C | Date Collected: 06/25/2012 12:04

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:52

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 17:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118966 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	47		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	55		40-109

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78051.d
Report Date: 08-Jul-2012 20:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78051.d
Lab Smp Id: 460-41730-E-5-K MSD Client Smp ID: SF-29
Inj Date : 06-JUL-2012 17:23
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41730-E-5-K MSD
Misc Info : 460-41730-E-5-K MSD
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:36 croccom Quant Type: ISTD
Cal Date : 28-JUN-2012 19:33 Cal File: u77819.d
Als bottle: 24 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.002	0.966	(0.290)	19916	9.89763	780
	19 N-Nitrosodimethylamine	74	1.191	1.163	(0.345)	100850	25.7591	2000
	71 Pyridine	79	1.212	1.178	(0.351)	101339	15.4872	1200
$	16 2-Fluorophenol (SUR)	112	2.235	2.210	(0.647)	278983	55.5420	4400
	110 Benzaldehyde	77	3.007	2.996	(0.870)	109911	33.8316	2700
	73 Aniline	93	3.125	3.122	(0.904)	157440	16.1357	1300(R)
$	17 Phenol-d5 (SUR)	99	3.154	3.145	(0.913)	535126	61.6477	4900
	1 Phenol	94	3.169	3.160	(0.917)	627378	65.9756	5200
	20 bis(2-Chloroethyl)ether	93	3.206	3.204	(0.928)	178627	27.8159	2200
	2 2-Chlorophenol	128	3.250	3.249	(0.941)	333016	61.2272	4800
	113 n-decane	43	3.316	3.316	(0.960)	111368	13.4084	1000
	21 1,3-Dichlorobenzene	146	3.397	3.389	(0.983)	129913	20.2205	1600(R)
*	79 1,4-Dichlorobenzene-d4	152	3.455	3.454	(1.000)	163915	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78051.d
Report Date: 08-Jul-2012 20:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.476	3.469	(1.006)	126781	18.5197	1500(R)
	74 Benzyl Alcohol	108	3.643	3.631	(1.055)	127132	32.6103	2600
	23 1,2-Dichlorobenzene	146	3.629	3.624	(1.050)	144971	21.1926	1700(R)
	24 bis (2-chloroisopropyl) ether	45	3.769	3.765	(1.091)	328016	25.2941	2000
	3 2-Methylphenol	108	3.776	3.780	(1.093)	391195	69.9550	5500
	104 Acetophenone	105	3.902	3.899	(1.129)	272375	26.2856	2100
	25 N-Nitroso-di-n-propylamine	70	3.917	3.922	(1.134)	231158	31.7565	2500
	4 4-Methylphenol	108	3.954	3.952	(1.145)	407177	67.9296	5400
	123 3 & 4 Methylphenol	108	3.954	3.952	(1.145)	407177	67.9296	5400
	26 Hexachloroethane	117	3.969	3.967	(1.149)	72198	20.9846	1600(R)
$	76 Nitrobenzene-d5 (SUR)	82	4.041	4.048	(0.846)	250091	23.6735	1900
	27 Nitrobenzene	77	4.071	4.071	(0.853)	390696	26.5160	2100
	107 N,N-Dimethylaniline	120	4.071	4.071	(1.178)	161895	19.1862	1500(R)
	28 Isophorone	82	4.344	4.322	(0.910)	558945	33.8477	2700
	5 2-Nitrophenol	139	4.396	4.389	(0.921)	187795	59.2124	4700
	6 2,4-Dimethylphenol	122	4.491	4.492	(0.941)	369235	81.7268	6400
	29 bis(2-Chloroethoxy)methane	93	4.565	4.565	(0.956)	268717	33.0468	2600
	7 2,4-Dichlorophenol	162	4.662	4.661	(0.977)	425042	74.6840	5900
	15 Benzoic Acid	122	4.714	4.713	(0.987)	90435	31.5169	2500(M)
	30 1,2,4-Trichlorobenzene	180	4.722	4.721	(0.989)	168722	27.3739	2200
*	80 Naphthalene-d8	136	4.774	4.765	(1.000)	595320	40.0000	
	31 Naphthalene	128	4.789	4.788	(1.003)	396258	26.7053	2100
	32 4-Chloroaniline	127	4.871	4.870	(1.020)	132360	22.4647	1800
	33 Hexachlorobutadiene	225	4.931	4.930	(1.033)	115705	23.3490	1800
	111 Caprolactam	113	5.305	5.303	(1.111)	35066	25.3598	2000
	8 4-Chloro-3-methylphenol	107	5.431	5.421	(1.138)	544715	79.6105	6300
	34 2-Methylnaphthalene	142	5.497	5.496	(1.152)	340049	32.3969	2600
	120 1-Methylnaphthalene	142	5.593	5.592	(1.172)	327175	29.1438	2300
	35 Hexachlorocyclopentadiene	237	5.660	5.659	(0.867)	55077	13.4146	1000
	129 1,2,4,5-Tetrachlorobenzene	216	5.675	5.674	(0.869)	236806	30.1676	2400(R)
	9 2,4,6-Trichlorophenol	196	5.806	5.807	(0.890)	364769	81.2574	6400
	10 2,4,5-Trichlorophenol	196	5.857	5.857	(0.897)	402374	82.9893	6500
$	77 2-Fluorobiphenyl (SUR)	172	5.879	5.879	(0.901)	364213	27.5386	2200
	102 Diphenyl	154	5.976	5.974	(0.915)	545405	36.1086	2800
	36 2-Chloronaphthalene	162	5.983	5.981	(0.917)	408035	36.5054	2900
	103 Diphenyl Ether	170	6.079	6.078	(0.931)	286600	39.6162	3100
	37 2-Nitroaniline	65	6.108	6.108	(0.936)	258169	45.1152	3600
	38 Dimethylphthalate	163	6.306	6.308	(0.966)	590417	42.1896	3300
	40 2,6-Dinitrotoluene	165	6.365	6.360	(0.975)	137853	44.8569	3500
	39 Acenaphthylene	152	6.380	6.383	(0.977)	603115	38.4121	3000
	41 3-Nitroaniline	138	6.520	6.523	(0.999)	92072	33.0373	2600
*	82 Acenaphthene-d10	164	6.528	6.523	(1.000)	384943	40.0000	
	42 Acenaphthene	154	6.563	6.560	(1.005)	367261	35.0692	2800
	11 2,4-Dinitrophenol	184	6.637	6.634	(1.017)	104141	54.3803	4300
	12 4-Nitrophenol	65	6.756	6.744	(1.035)	365934	82.4530	6500
	43 Dibenzofuran	168	6.734	6.729	(1.032)	627462	39.8072	3100
	44 2,4-Dinitrotoluene	165	6.764	6.759	(1.036)	193879	44.1475	3500

Data File: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b/u78051.d
Report Date: 08-Jul-2012 20:54

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
130	2,3,4,6-Tetrachlorophenol	232	6.874	6.876	(1.053)	126752	30.9312	2400(R)
45	Diethylphthalate	149	7.007	7.001	(1.073)	637269	40.9837	3200
47	Fluorene	166	7.067	7.067	(1.083)	532069	40.5150	3200
46	4-Chlorophenyl-phenylether	204	7.082	7.080	(1.085)	283129	40.0296	3200
48	4-Nitroaniline	138	7.142	7.132	(1.094)	85646	35.3044	2800
13	4,6-Dinitro-2-methylphenol	198	7.172	7.169	(0.899)	185319	64.1165	5000
49	N-Nitrosodiphenylamine	169	7.209	7.205	(0.904)	333339	41.0714	3200
75	1,2-Diphenylhydrazine	77	7.239	7.235	(0.908)	840599	37.0687	2900
$ 18	2,4,6-Tribromophenol (SUR)	330	7.312	7.310	(1.120)	189145	63.8356	5000
50	4-Bromophenyl-phenylether	248	7.554	7.552	(0.947)	177331	40.0580	3200
51	Hexachlorobenzene	284	7.613	7.611	(0.955)	229114	42.5913	3400
112	Atrazine	200	7.760	7.758	(0.973)	120137	32.6591	2600
14	Pentachlorophenol	266	7.819	7.818	(0.981)	81374	25.3411	2000
115	n-Octadecane	57	7.930	7.934	(0.994)	449297	44.1957	3500
* 83	Phenanthrene-d10	188	7.975	7.978	(1.000)	619336	40.0000	
52	Phenanthrene	178	8.005	8.000	(1.004)	720387	42.4901	3400
53	Anthracene	178	8.049	8.053	(1.009)	682444	40.8299	3200
54	Carbazole	167	8.226	8.223	(1.032)	596293	41.0484	3200
55	Di-n-butylphthalate	149	8.594	8.593	(1.078)	996678	43.2385	3400
56	Fluoranthene	202	9.158	9.159	(1.148)	722770	40.3948	3200
57	Pyrene	202	9.373	9.372	(0.886)	722583	45.7096	3600
$ 78	Terphenyl-d14	244	9.544	9.548	(0.903)	566262	45.2946	3600
59	Butylbenzylphthalate	149	10.043	10.045	(0.950)	363782	44.1526	3500
60	3,3'-Dichlorobenzidine	252	10.553	10.559	(0.998)	126041	28.8166	2300
61	Benzo(a)anthracene	228	10.560	10.559	(0.999)	569755	39.9337	3200
* 81	Chrysene-d12	240	10.574	10.573	(1.000)	493831	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	10.640	10.645	(1.006)	445655	42.5593	3400
62	Chrysene	228	10.603	10.602	(1.003)	516343	40.3412	3200
64	Di-n-octylphthalate	149	11.376	11.379	(0.929)	653560	40.6294	3200
65	Benzo(b)fluoranthene	252	11.783	11.781	(0.962)	425108	38.0681	3000
66	Benzo(k)fluoranthene	252	11.819	11.817	(0.965)	448539	39.9058	3100
67	Benzo(a)pyrene	252	12.174	12.171	(0.994)	344522	39.1514	3100
* 84	Perylene-d12	264	12.249	12.244	(1.000)	367013	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	13.580	13.588	(1.109)	325628	42.5175	3400(M)
69	Dibenz(a,h)anthracene	278	13.610	13.609	(1.111)	326839	44.1885	3500
70	Benzo(g,h,i)perylene	276	13.910	13.908	(1.136)	374935	46.9783	3700

QC Flag Legend

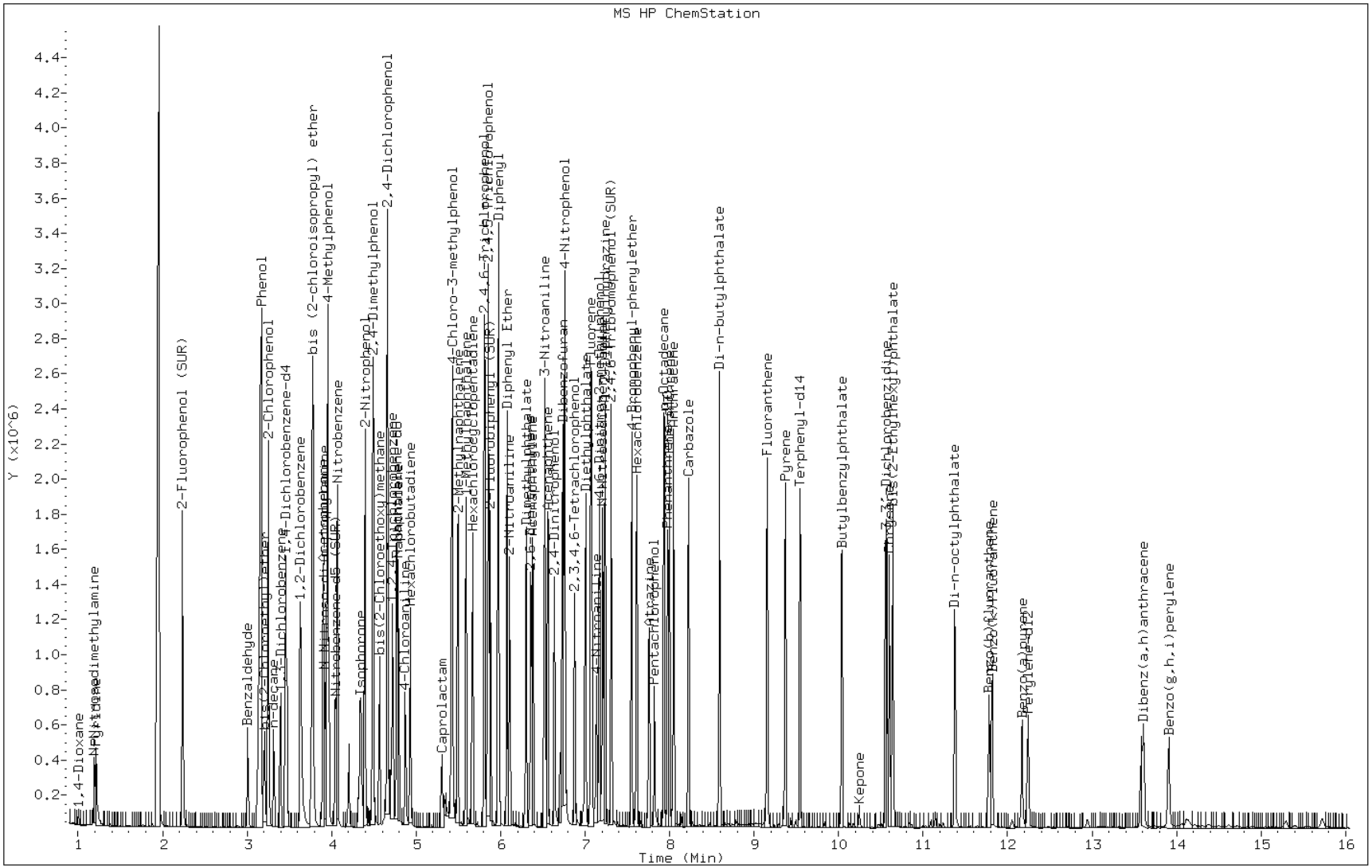
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: u78051.d

Date: 06-JUL-2012 17:23

Client ID: SF-29 Instrument: BNAMS4.i

Sample Info: 460-41730-E-5-K MSD Operator: BNAMS 4



Manual Integration Report

Data File: u78051.d
Inj. Date and Time: 06-JUL-2012 17:23
Instrument ID: BNAMS4.i
Client ID: SF-29
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/09/2012

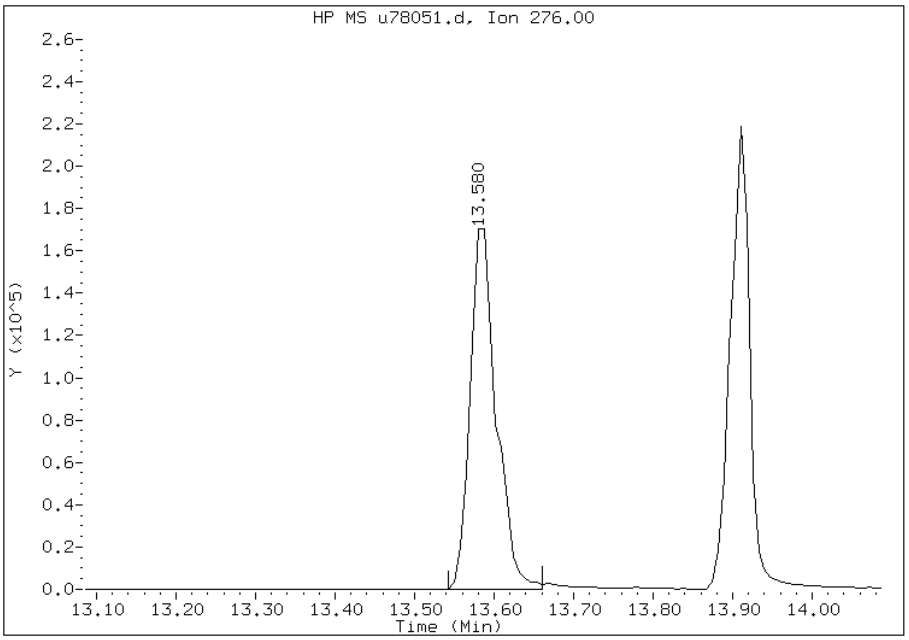
Processing Integration Results

RT: 13.58

Response: 388591

Amount: 50

Conc: 3942



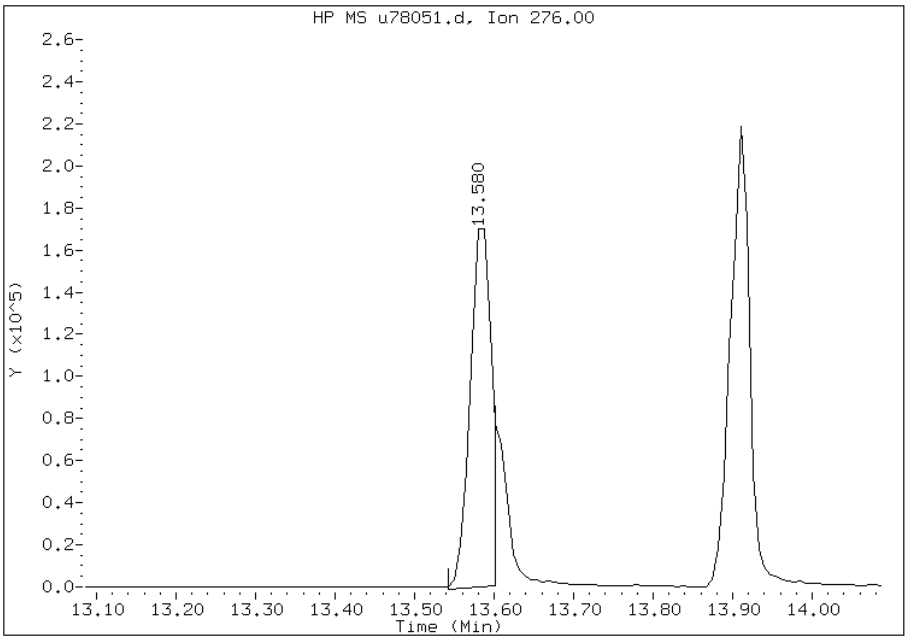
Manual Integration Results

RT: 13.58

Response: 325628

Amount: 43

Conc: 3355



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: p31664.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	13300		1700	220
95-57-8	2-Chlorophenol	13100		1700	220
95-48-7	2-Methylphenol	14000		1700	280
106-44-5	4-Methylphenol	14500		1700	330
100-52-7	Benzaldehyde	8390		1700	200
98-86-2	Acetophenone	7020		1700	260
111-44-4	Bis(2-chloroethyl)ether	6180		170	23
108-60-1	2,2'-oxybis[1-chloropropane]	6810		1700	180
621-64-7	N-Nitrosodi-n-propylamine	7430		170	28
98-95-3	Nitrobenzene	7110		170	24
67-72-1	Hexachloroethane	5490		170	19
78-59-1	Isophorone	6970		1700	200
88-75-5	2-Nitrophenol	12600		1700	190
105-67-9	2,4-Dimethylphenol	14500		1700	410
120-83-2	2,4-Dichlorophenol	12900		1700	240
111-91-1	Bis(2-chloroethoxy)methane	7110		1700	220
91-20-3	Naphthalene	6140		1700	190
106-47-8	4-Chloroaniline	4630		1700	440
87-68-3	Hexachlorobutadiene	5840		340	41
105-60-2	Caprolactam	8970		1700	380
59-50-7	4-Chloro-3-methylphenol	13400		1700	250
91-57-6	2-Methylnaphthalene	6610		1700	210
118-74-1	Hexachlorobenzene	6680		170	23
77-47-4	Hexachlorocyclopentadiene	200	U	1700	200
88-06-2	2,4,6-Trichlorophenol	13300		1700	200
95-95-4	2,4,5-Trichlorophenol	13600		1700	220
92-52-4	Diphenyl	8330		1700	220
91-58-7	2-Chloronaphthalene	7340		1700	190
88-74-4	2-Nitroaniline	7870		3400	700
606-20-2	2,6-Dinitrotoluene	7550		340	50
131-11-3	Dimethyl phthalate	8530		1700	200
208-96-8	Acenaphthylene	7380		1700	200
99-09-2	3-Nitroaniline	6290		3400	590
83-32-9	Acenaphthene	7620		1700	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: p31664.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	12900		5000	1100
51-28-5	2,4-Dinitrophenol	3180	J	5000	950
132-64-9	Dibenzofuran	7250		1700	200
84-66-2	Diethyl phthalate	8030		1700	200
86-73-7	Fluorene	7100		1700	210
206-44-0	Fluoranthene	6860		1700	220
84-74-2	Di-n-butyl phthalate	8030		1700	210
121-14-2	2,4-Dinitrotoluene	8280		340	55
7005-72-3	4-Chlorophenyl phenyl ether	6940		1700	200
100-01-6	4-Nitroaniline	5580		3400	520
534-52-1	4,6-Dinitro-2-methylphenol	5470		5000	450
101-55-3	4-Bromophenyl phenyl ether	6960		1700	170
1912-24-9	Atrazine	5540		1700	260
120-12-7	Anthracene	7160		1700	200
86-74-8	Carbazole	7010		1700	200
85-01-8	Phenanthrene	7580		1700	210
87-86-5	Pentachlorophenol	10700		5000	500
129-00-0	Pyrene	6360		1700	140
218-01-9	Chrysene	7550		1700	190
207-08-9	Benzo[k]fluoranthene	5800		170	13
191-24-2	Benzo[g,h,i]perylene	11900		1700	120
205-99-2	Benzo[b]fluoranthene	6210		170	11
50-32-8	Benzo[a]pyrene	6980		170	12
56-55-3	Benzo[a]anthracene	7010		170	12
86-30-6	N-Nitrosodiphenylamine	8690		1700	160
85-68-7	Butyl benzyl phthalate	7250		1700	150
117-81-7	Bis(2-ethylhexyl) phthalate	9700		1700	550
117-84-0	Di-n-octyl phthalate	5060		1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	11800		170	31
53-70-3	Dibenz(a,h)anthracene	10200		170	21
91-94-1	3,3'-Dichlorobenzidine	2130	J	3400	590
95-94-3	1,2,4,5-Tetrachlorobenzene	6510		1700	220
58-90-2	2,3,4,6-Tetrachlorophenol	5600		1700	220
123-91-1	1,4-Dioxane	2680		1700	120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: p31664.d

Analysis Method: 8270C | Date Collected: 06/26/2012 11:32

Extract. Method: 3541 | Date Extracted: 07/03/2012 19:53

Sample wt/vol: 15.00(g) | Date Analyzed: 07/06/2012 18:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118849 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	67		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	89		40-109

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31664.d
Report Date: 09-Jul-2012 01:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31664.d
Lab Smp Id: 460-41730-E-17-K MS
Inj Date : 06-JUL-2012 18:10
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41730-E-17-K MSD
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-29-12/06jul12.b/8270C_11.m
Meth Date : 06-Jul-2012 09:43 czhao Quant Type: ISTD
Cal Date : 29-JUN-2012 07:35 Cal File: p31442.d
Als bottle: 24 QC Sample: MSD
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	0.980	0.974	(0.269)	65076	7.98013	1100
	19 N-Nitrosodimethylamine	74	1.180	1.186	(0.324)	217321	18.0522	2400
	71 Pyridine	79	1.203	1.197	(0.330)	260197	12.4789	1700
$	16 2-Fluorophenol (SUR)	112	2.296	2.296	(0.631)	709956	37.4023	5000
	110 Benzaldehyde	77	3.148	3.154	(0.864)	225240	24.9400	3300
$	17 Phenol-d5 (SUR)	99	3.307	3.313	(0.908)	906761	39.4383	5200
	73 Aniline	93	3.277	3.289	(0.900)	294413	10.8386	1400
	1 Phenol	94	3.318	3.330	(0.911)	963072	39.6232	5300
	20 bis(2-Chloroethyl)ether	93	3.371	3.383	(0.926)	373338	18.3940	2400
	2 2-Chlorophenol	128	3.413	3.424	(0.937)	759040	38.9599	5200
	113 n-decane	43	3.501	3.507	(0.961)	401325	20.7837	2800
	21 1,3-Dichlorobenzene	146	3.577	3.583	(0.982)	373528	17.2168	2300
*	79 1,4-Dichlorobenzene-d4	152	3.642	3.648	(1.000)	562919	40.0000	

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31664.d
Report Date: 09-Jul-2012 01:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.665	3.665	(1.006)	406753	18.5202	2500
	74 Benzyl Alcohol	108	3.847	3.853	(1.056)	245905	21.6448	2900
	23 1,2-Dichlorobenzene	146	3.836	3.836	(1.053)	376525	18.2433	2400
	3 2-Methylphenol	108	4.194	4.200	(1.152)	703479	41.6321	5600
	24 bis (2-chloroisopropyl) ether	45	4.000	4.006	(1.098)	411832	20.2675	2700
	104 Acetophenone	105	4.135	4.141	(1.136)	506837	20.8808	2800
	25 N-Nitroso-di-n-propylamine	70	4.153	4.165	(1.140)	289354	22.0862	2900
	4 4-Methylphenol	108	4.194	4.200	(1.152)	703479	43.1156	5700
	123 3 & 4 Methylphenol	108	4.194	4.200	(1.152)	712096	43.1334	5800
	26 Hexachloroethane	117	4.206	4.212	(1.155)	142349	16.3426	2200
$	76 Nitrobenzene-d5 (SUR)	82	4.294	4.300	(0.848)	385871	18.3267	2400
	27 Nitrobenzene	77	4.317	4.329	(0.853)	560864	21.1313	2800
	107 N,N-Dimethylaniline	120	4.317	4.329	(1.186)	507503	19.4593	2600
	28 Isophorone	82	4.593	4.599	(0.907)	662781	20.7439	2800
	5 2-Nitrophenol	139	4.670	4.676	(0.922)	366349	37.5723	5000
	6 2,4-Dimethylphenol	122	4.776	4.776	(0.943)	677456	43.1333	5800
	29 bis(2-Chloroethoxy)methane	93	4.858	4.864	(0.959)	406812	21.1540	2800
	15 Benzoic Acid	122	4.975	4.999	(0.983)	221784	22.5438	3000
	7 2,4-Dichlorophenol	162	4.952	4.952	(0.978)	526371	38.4224	5100
	30 1,2,4-Trichlorobenzene	180	5.017	5.022	(0.991)	285931	18.1562	2400
*	80 Naphthalene-d8	136	5.064	5.069	(1.000)	1777281	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.005)	961367	18.2618	2400
	32 4-Chloroaniline	127	5.181	5.181	(1.023)	251191	13.7814	1800
	33 Hexachlorobutadiene	225	5.246	5.246	(1.036)	156713	17.3758	2300
	111 Caprolactam	113	5.598	5.598	(1.106)	102970	26.6927	3600
	8 4-Chloro-3-methylphenol	107	5.745	5.751	(1.135)	555296	39.7309	5300
	34 2-Methylnaphthalene	142	5.821	5.822	(1.150)	584985	19.6547	2600
	120 1-Methylnaphthalene	142	5.921	5.921	(1.169)	541085	17.8865	2400
	129 1,2,4,5-Tetrachlorobenzene	216	6.004	6.004	(0.874)	231591	19.3763	2600
	9 2,4,6-Trichlorophenol	196	6.145	6.145	(0.895)	291330	39.6637	5300
	10 2,4,5-Trichlorophenol	196	6.186	6.186	(0.901)	296515	40.4299	5400
$	77 2-Fluorobiphenyl (SUR)	172	6.215	6.215	(0.905)	575058	22.2908	3000
	102 Diphenyl	154	6.309	6.309	(0.919)	692532	24.7732	3300
	36 2-Chloronaphthalene	162	6.315	6.315	(0.920)	478306	21.8366	2900
	103 Diphenyl Ether	170	6.421	6.421	(0.935)	361150	22.8010	3000
	37 2-Nitroaniline	65	6.444	6.450	(0.938)	161924	23.3952	3100
	125 1,3-Dimethylnaphthalene	156	6.538	6.544	(0.952)	27806	1.45056	190(a)
	38 Dimethylphthalate	163	6.644	6.650	(0.967)	541687	25.3691	3400
	40 2,6-Dinitrotoluene	165	6.697	6.703	(0.975)	113163	22.4453	3000
	39 Acenaphthylene	152	6.720	6.726	(0.979)	698710	21.9362	2900
	41 3-Nitroaniline	138	6.861	6.867	(0.999)	99350	18.6929	2500
*	82 Acenaphthene-d10	164	6.867	6.867	(1.000)	749150	40.0000	
	42 Acenaphthene	154	6.897	6.903	(1.004)	453647	22.6617	3000
	11 2,4-Dinitrophenol	184	6.985	6.985	(1.017)	23038	9.45128	1300(a)
	12 4-Nitrophenol	65	7.102	7.091	(1.034)	159485	38.2263	5100
	44 2,4-Dinitrotoluene	165	7.102	7.108	(1.034)	151769	24.6203	3300
	43 Dibenzofuran	168	7.073	7.073	(1.030)	587827	21.5543	2900

Data File: /chem/BNAMS10.i/8270/06-29-12/06jul12.b/p31664.d
Report Date: 09-Jul-2012 01:15

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	7.226	7.220	(1.052)	80224	16.6534	2200(R)
	45 Diethylphthalate	149	7.349	7.355	(1.070)	496756	23.8836	3200
	47 Fluorene	166	7.414	7.414	(1.080)	472651	21.1048	2800
	46 4-Chlorophenyl-phenylether	204	7.426	7.431	(1.081)	222659	20.6509	2800
	48 4-Nitroaniline	138	7.467	7.473	(1.087)	73429	16.5986	2200
	13 4,6-Dinitro-2-methylphenol	198	7.508	7.514	(0.902)	49219	16.2761	2200
	49 N-Nitrosodiphenylamine	169	7.555	7.555	(0.908)	344879	25.8503	3400
	75 1,2-Diphenylhydrazine	77	7.584	7.584	(0.911)	504348	20.5388	2700
$	18 2,4,6-Tribromophenol (SUR)	330	7.655	7.655	(1.115)	98905	32.6703	4400
	50 4-Bromophenyl-phenylether	248	7.901	7.902	(0.949)	109404	20.6890	2800
	51 Hexachlorobenzene	284	7.960	7.960	(0.956)	110691	19.8750	2600
	112 Atrazine	200	8.107	8.107	(0.974)	75918	16.4627	2200
	14 Pentachlorophenol	266	8.172	8.166	(0.982)	96260	31.7866	4200
	115 n-Octadecane	57	8.295	8.289	(0.996)	309890	24.4074	3200
*	83 Phenanthrene-d10	188	8.324	8.325	(1.000)	843673	40.0000	
	52 Phenanthrene	178	8.342	8.348	(1.002)	525689	22.5305	3000
	53 Anthracene	178	8.395	8.395	(1.008)	497250	21.2801	2800
	54 Carbazole	167	8.571	8.571	(1.030)	401555	20.8370	2800
	55 Di-n-butylphthalate	149	8.953	8.947	(1.076)	594145	23.8745	3200
	56 Fluoranthene	202	9.505	9.506	(1.142)	419875	20.4153	2700
	57 Pyrene	202	9.723	9.717	(0.891)	413314	18.9052	2500
$	78 Terphenyl-d14	244	9.899	9.899	(0.907)	251655	16.6737	2200
	59 Butylbenzylphthalate	149	10.399	10.399	(0.953)	205566	21.5549	2900
	60 3,3'-Dichlorobenzidine	252	10.904	10.898	(0.999)	36516	6.32085	840(a)
	61 Benzo(a)anthracene	228	10.910	10.898	(0.999)	332010	20.8522	2800
*	81 Chrysene-d12	240	10.916	10.910	(1.000)	516838	40.0000	
	62 Chrysene	228	10.945	10.939	(1.003)	317653	22.4587	3000
	63 bis(2-Ethylhexyl)phthalate	149	10.998	10.992	(1.008)	350961	28.8451	3800
	64 Di-n-octylphthalate	149	11.726	11.715	(0.933)	480974	15.0504	2000
	65 Benzo(b)fluoranthene	252	12.108	12.097	(0.964)	390727	18.4764	2500
	66 Benzo(k)fluoranthene	252	12.138	12.126	(0.966)	385616	17.2542	2300
	67 Benzo(a)pyrene	252	12.496	12.479	(0.994)	358377	20.7462	2800
*	84 Perylene-d12	264	12.567	12.549	(1.000)	689664	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.924	13.871	(1.108)	550039	35.2178	4700(RH)
	69 Dibenz(a,h)anthracene	278	13.947	13.895	(1.110)	459441	30.3695	4000(R)
	70 Benzo(g,h,i)perylene	276	14.247	14.182	(1.134)	551745	35.2462	4700(RH)

QC Flag Legend

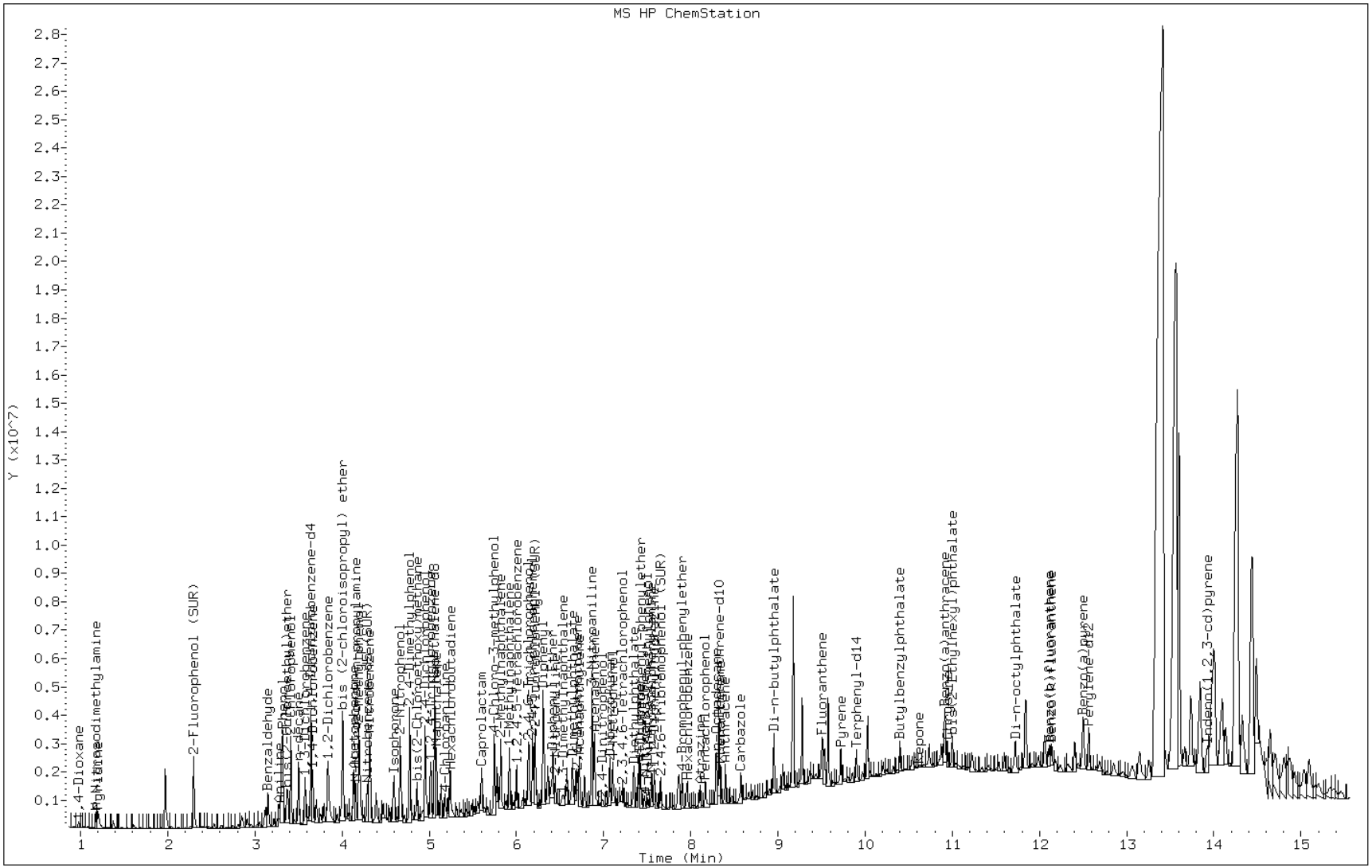
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p31664.d

Date: 06-JUL-2012 18:10

Client ID: Instrument: BNAMS10.i

Sample Info: 460-41730-E-17-K MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 06/29/2012 04:27

Analysis Batch Number: 118036 End Date: 06/29/2012 16:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-118036/1		06/29/2012 04:27	1	p31436.d	Rtx-5MS 0.25(mm)
ICIS 460-118036/2		06/29/2012 04:51	1	p31437.d	Rtx-5MS 0.25(mm)
IC 460-118036/3		06/29/2012 05:43	1	p31438.d	Rtx-5MS 0.25(mm)
IC 460-118036/4		06/29/2012 06:11	1	p31439.d	Rtx-5MS 0.25(mm)
IC 460-118036/5		06/29/2012 06:39	1	p31440.d	Rtx-5MS 0.25(mm)
IC 460-118036/6		06/29/2012 07:07	1	p31441.d	Rtx-5MS 0.25(mm)
IC 460-118036/7		06/29/2012 07:35	1	p31442.d	Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 09:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 09:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 10:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 10:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 11:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 11:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 12:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 12:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 12:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 13:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 13:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 14:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 14:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 15:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 15:44	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/29/2012 16:12	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 07/06/2012 09:07

Analysis Batch Number: 118849 End Date: 07/06/2012 19:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-118849/1		07/06/2012 09:07	1	p31641.d	Rtx-5MS 0.25(mm)
CCVIS 460-118849/2		07/06/2012 09:29	1	p31642.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 09:55	1		Rtx-5MS 0.25(mm)
LCS 460-118530/2-A		07/06/2012 10:19	1	p31644.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 10:42	1		Rtx-5MS 0.25(mm)
MB 460-118530/1-A		07/06/2012 11:06	1	p31646.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 11:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 11:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 12:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 12:41	100		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 13:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 14:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 14:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 15:02	1		Rtx-5MS 0.25(mm)
460-41730-23	FD-J	07/06/2012 15:26	1	p31657.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 15:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 16:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 16:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 17:00	1		Rtx-5MS 0.25(mm)
460-41730-17	F-23	07/06/2012 17:23	2	p31662.d	Rtx-5MS 0.25(mm)
460-41730-17 MS	F-23 MS	07/06/2012 17:47	2	p31663.d	Rtx-5MS 0.25(mm)
460-41730-17 MSD	F-23 MSD	07/06/2012 18:10	2	p31664.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 18:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 18:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 19:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/06/2012 19:45	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 06/28/2012 17:27

Analysis Batch Number: 118061 End Date: 06/28/2012 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-118061/1		06/28/2012 17:27	1	u77813.d	Rtx-5MS 0.25(mm)
ICIS 460-118061/2		06/28/2012 17:45	1	u77814.d	Rtx-5MS 0.25(mm)
IC 460-118061/3		06/28/2012 18:12	1	u77815.d	Rtx-5MS 0.25(mm)
IC 460-118061/4		06/28/2012 18:33	1	u77816.d	Rtx-5MS 0.25(mm)
IC 460-118061/5		06/28/2012 18:53	1	u77817.d	Rtx-5MS 0.25(mm)
IC 460-118061/6		06/28/2012 19:13	1	u77818.d	Rtx-5MS 0.25(mm)
IC 460-118061/7		06/28/2012 19:33	1	u77819.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 07/06/2012 08:12

Analysis Batch Number: 118966 End Date: 07/06/2012 18:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-118966/1		07/06/2012 08:12	1	u78027.d	Rtx-5MS 0.25(mm)
CCVIS 460-118966/2		07/06/2012 08:33	1	u78028.d	Rtx-5MS 0.25(mm)
LCS 460-118529/2-A		07/06/2012 09:52	1	u78029.d	Rtx-5MS 0.25(mm)
MB 460-118529/1-A		07/06/2012 10:12	1	u78030.d	Rtx-5MS 0.25(mm)
460-41730-3	SF-27	07/06/2012 10:39	1	u78031.d	Rtx-5MS 0.25(mm)
460-41730-4	SF-28	07/06/2012 10:59	1	u78032.d	Rtx-5MS 0.25(mm)
460-41730-6	SF-30	07/06/2012 11:19	1	u78033.d	Rtx-5MS 0.25(mm)
460-41730-8	SF-32	07/06/2012 11:39	1	u78034.d	Rtx-5MS 0.25(mm)
460-41730-9	SF-33	07/06/2012 11:59	1	u78035.d	Rtx-5MS 0.25(mm)
460-41730-10	FD-H	07/06/2012 12:19	1	u78036.d	Rtx-5MS 0.25(mm)
460-41730-11	F-17	07/06/2012 12:40	1	u78037.d	Rtx-5MS 0.25(mm)
460-41730-12	F-18	07/06/2012 13:00	1	u78038.d	Rtx-5MS 0.25(mm)
460-41730-15	F-21	07/06/2012 13:20	1	u78039.d	Rtx-5MS 0.25(mm)
460-41730-20	F-26	07/06/2012 13:40	1	u78040.d	Rtx-5MS 0.25(mm)
460-41730-21	F-27	07/06/2012 14:01	1	u78041.d	Rtx-5MS 0.25(mm)
460-41730-22	F-28	07/06/2012 14:21	1	u78042.d	Rtx-5MS 0.25(mm)
460-41730-1	SL-10	07/06/2012 14:41	1	u78043.d	Rtx-5MS 0.25(mm)
460-41730-2	SF-26	07/06/2012 16:02	1	u78047.d	Rtx-5MS 0.25(mm)
460-41730-18	F-24	07/06/2012 16:22	1	u78048.d	Rtx-5MS 0.25(mm)
460-41730-5	SF-29	07/06/2012 16:42	1	u78049.d	Rtx-5MS 0.25(mm)
460-41730-5 MS	SF-29 MS	07/06/2012 17:03	1	u78050.d	Rtx-5MS 0.25(mm)
460-41730-5 MSD	SF-29 MSD	07/06/2012 17:23	1	u78051.d	Rtx-5MS 0.25(mm)
460-41730-16	F-22	07/06/2012 17:43	1	u78052.d	Rtx-5MS 0.25(mm)
460-41730-7	SF-31	07/06/2012 18:24	2	u78054.d	Rtx-5MS 0.25(mm)
460-41730-13	F-19	07/06/2012 18:44	1	u78055.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 07/08/2012 00:08

Analysis Batch Number: 119055 End Date: 07/08/2012 10:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-119055/1		07/08/2012 00:08	1	u78057.d	Rtx-5MS 0.25(mm)
CCVIS 460-119055/2		07/08/2012 00:44	1	u78058.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 01:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 01:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 02:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 02:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 02:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 03:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 03:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 03:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 04:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 04:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 04:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 05:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 05:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 06:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 06:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 06:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 07:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 08:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 08:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 09:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 09:22	5		Rtx-5MS 0.25(mm)
460-41730-14	F-20	07/08/2012 09:43	2	u78084.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 10:03	5		Rtx-5MS 0.25(mm)
ZZZZZ		07/08/2012 10:23	2		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-29-12/29jun12.b

Date Generated: 06/29/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												tuning 118036
06/29/12 0427	p31436.d	1	DFTPP-1427854	—	—	0	0	1	2.0	all	4672	6 pentane → 1.319 benzene → 1.446
06/29/12 0451	p31437.d	2	ICIS-1564229	—	—	15	1	1	1.0	all	4674	
06/29/12 0543	p31438.d	3	IC-1564257	—	—	15	1	1	1.0	all	4674	6
06/29/12 0611	p31439.d	4	IC-1564256	—	—	15	1	1	1.0	all	4674	6
06/29/12 0639	p31440.d	5	IC-1564212	—	—	15	1	1	1.0	all	4674	6 8270 range good
06/29/12 0707	p31441.d	6	IC-1564209	—	—	15	1	1	1.0	all	4674	6 except on benzidine
06/29/12 0735	p31442.d	7	IC-1564202	—	—	15	1	1	1.0	all	4674	6 benzidine
06/29/12 0803	p31443.d	8	icv	29jun12	—	15	1	1	1.0	all	4683	NC
06/29/12 0846	p31444.d	9	icv	29jun12	—	15	1	1	1.0	all	4683	6 1 good compound outside 6T to 130%
06/29/12 0914	p31445.d	10	LCS 460-117678/2-A	460-117678	—	15	1	1	1.0	all	—	6
06/29/12 0942	p31446.d	11	LCS 460-117695/2-A	460-117695	—	15	1	1	1.0	all	—	6
06/29/12 1010	p31447.d	12	LCS 460-117933/2-A	460-117933	—	15	1	1	1.0	all	—	6
06/29/12 1038	p31448.d	13	MB 460-117678/1-A	460-117678	—	15	1	1	1.0	all	—	6
06/29/12 1105	p31449.d	14	MB 460-117695/1-A	460-117695	—	15	1	1	1.0	all	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-29-12/29jun12.b

Date Generated: 06/29/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/29/12 1134	p31450.d	15	MB 460-117933/1-A	460-117933	—	15	1	1	1.0	all	—	6
06/29/12 1201	p31451.d	16	460-41753-A-1-A	460-117695	06/27/12	15.0	1	1	1.0	all	—	6
06/29/12 1229	p31452.d	17	460-41817-E-1-C	460-117933	06/29/12	15.0	1	1	1.0	all	—	6
06/29/12 1257	p31453.d	18	460-41817-E-4-E	460-117933	06/29/12	15.0	1	1	1.0	all	—	6
06/29/12 1325	p31454.d	19	460-41817-E-2-C	460-117933	06/29/12	15.0	1	1	1.0	all	—	6
06/29/12 1353	p31455.d	20	460-41817-E-4-C MS	460-117933	06/29/12	15.0	1	1	1.0	all	—	6
06/29/12 1421	p31456.d	21	460-41817-E-4-D MSD	460-117933	06/29/12	15.0	1	1	1.0	all	—	6
06/29/12 1448	p31457.d	22	460-41644-A-53-D	460-117678	06/27/12	15.0	1	1	1.0	all	—	6
06/29/12 1516	p31458.d	23	460-41644-A-53-B MS	460-117678	06/27/12	15	1	1	1.0	all	—	6
06/29/12 1544	p31459.d	24	460-41639-D-2-A	460-117387	06/25/12	15.0	1	5	1.0	all	—	6 Reduced low/ND
06/29/12 1612	p31460.d	25	460-41639-D-6-A	460-117387	06/25/12	15	1	5	1.0	all	—	6 high ~~all but~~ also pa ✓ (N) 6/29/12
06/29/12 1640	p31461.d	26	460-41639-D-8-A	460-117385	06/25/12	15.0	1	5	1.0	all	—	NT outside DPTPP time

Signed: Michael Moore Read and Understood by:

Date: 6/29/12 Date: 6-29-12

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/28jun12.b

Date Generated: 06/29/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												11806 tadley
06/28/12 1727	u77813.d	96	DFTPP-1427854	—	—	0	0	1	2.0	all	4642	6 perc.-7 1.847 percent .848
06/28/12 1745	u77814.d	1	ICIS-1564229	—	—	15	1	1	1.0	all	4672	6
06/28/12 1812	u77815.d	2	IC-1564257	—	—	15	1	1	1.0	all	4672	6
06/28/12 1833	u77816.d	3	IC-1564256	—	—	15	1	1	1.0	all	4672	6
06/28/12 1853	u77817.d	4	IC-1564212	—	—	15	1	1	1.0	all	4672	6
06/28/12 1913	u77818.d	5	IC-1564209	—	—	15	1	1	1.0	all	4672	6
06/28/12 1933	u77819.d	6	IC-1564202	—	—	15	1	1	1.0	all	4672	0
06/29/12 0724	u77820.d	7	ICV	28jun12	—	15	1	1	1.0	all	4683	6 4 Semi compounds within CCV to 135%

Signed: Michael Moore Read and Understood by: [signature]

Date: 6/29/12 Date: 6-29-12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-29-12/06jul12.b

Date Generated: 07/09/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												118849
07/06/12 0907	p31641.d	1	DFTPP-1427854			0	0	1	2.0	all	4642	G P = 1.678. B = 1.776.
07/06/12 0929	p31642.d	2	CCVIS-1564229			15	1	1	1.0	all	4658	G
07/06/12 0955	p31643.d	3	LCS 460-117517/2-A	06jul12		15	1	1	1.0	all		G
07/06/12 1019	p31644.d	4	LCS 460-118530/2-A	06jul12		15	1	1	1.0	all		G
07/06/12 1042	p31645.d	5	MB 460-117517/1-A	06jul12		15	1	1	1.0	all		G
07/06/12 1106	p31646.d	6	MB 460-118530/1-A	06jul12		15	1	1	1.0	all		G
07/06/12 1129	p31647.d	7	460-41641-E-19-J	460-117517	06/26/12	15.1	1	1	1.0	all		G
07/06/12 1153	p31648.d	8	460-41641-E-19-G MS	460-117517	06/26/12	15	1	1	1.0	all		G
07/06/12 1217	p31649.d	9	460-41641-E-19-HMSD			15	1	1	1.0	all		G
07/06/12 1241	p31650.d	10	200-11371-C-2-A	460-117517	06/26/12	15.0	1	100	1.0	all		G
07/06/12 1304	p31651.d	11	460-41701-A-1-A	460-117517	06/26/12	15.0	1	1	1.0	all		G
07/06/12 1328	p31652.d	12	460-41657-B-2-D	460-117517	06/26/12	15.0	1	2	1.0	all		RR 20X
07/06/12 1351	p31653.d	13	200-11371-C-3-A	460-117517	06/26/12	15	1	5	1.0	all		RR 20X
07/06/12 1415	p31654.d	14	460-41848-E-28-C	460-118530	07/03/12	15.0	1	1	1.0	all		G

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-29-12/06jul12.b

Date Generated: 07/09/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/12 1438	p31655.d	15	200-11441-C-7-A	460-118530	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1502	p31656.d	16	200-11441-C-8-A	460-118530	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1526	p31657.d	17	460-41730-E-23-E	460-118530	07/03/12	15.1	1	1	1.0	all		G
07/06/12 1549	p31658.d	18	460-41848-E-24-D	460-118530	07/03/12	15	1	1	1.0	all		G
07/06/12 1613	p31659.d	19	460-41848-A-4-B	460-118530	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1637	p31660.d	20	460-41848-E-17-D	460-118530	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1700	p31661.d	21	460-41848-E-19-C	460-118530	07/03/12	15	1	1	1.0	all		G
07/06/12 1723	p31662.d	22	460-41730-E-17-L	460-118530	07/03/12	15.0	1	2	1.0	all		G
07/06/12 1747	p31663.d	23	460-41730-E-17-J MS	460-118530	07/03/12	15.0	1	2	1.0	all		G
07/06/12 1810	p31664.d	24	460-41730-E-17-K MS			15	1	2	1.0	all		G
07/06/12 1834	p31665.d	25	460-41844-B-6-C	460-118324	07/02/12	15	1	1	1.0	all		G
07/06/12 1858	p31666.d	26	460-41848-E-7-D	460-118530	07/03/12	15	1	1	1.0	all		G
07/06/12 1921	p31667.d	27	460-41848-E-1-D	460-118530	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1945	p31668.d	28	460-41793-A-8-A	460-118324	07/02/12	15.0	1	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-29-12/06jul12.b

Date Generated: 07/09/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/12 2009	p31669.d	29		06jul12		15	1	1	1.0	all		No use
07/06/12 2032	p31670.d	30	✓	06jul12	✓	15	1	1	1.0	all	✓	No use

Signed: W Read and Understood by: Cal Aj

Date: 7/8/12 Date: 7-9-12

07/12/2012

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b

Date Generated: 07/08/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												1189166
07/06/12 0812	u78027.d	96	DFTPP-1427854			0	0	1	2.0	all	4642	G P = 1.028, B = 0.0
07/06/12 0833	u78028.d	1	CCVIS-1564229			15	1	1	1.0	all	4658	G
07/06/12 0952	u78029.d	2	LCS 460-118529/2-A	460-118529		15	1	1	1.0	all		G
07/06/12 1012	u78030.d	3	MB 460-118529/1-A	460-118529		15	1	1	1.0	all		G
07/06/12 1039	u78031.d	4	460-41730-E-3-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1059	u78032.d	5	460-41730-E-4-E	460-118529	07/03/12	15	1	1	1.0	all		G
07/06/12 1119	u78033.d	6	460-41730-E-6-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1139	u78034.d	7	460-41730-E-8-E	460-118529	07/03/12	15	1	1	1.0	all		G
07/06/12 1159	u78035.d	8	460-41730-E-9-E	460-118529	07/03/12	15	1	1	1.0	all		G
07/06/12 1219	u78036.d	9	460-41730-E-10-E	460-118529	07/03/12	15.1	1	1	1.0	all		G
07/06/12 1240	u78037.d	10	460-41730-E-11-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1300	u78038.d	11	460-41730-E-12-E	460-118529	07/03/12	15	1	1	1.0	all		G
07/06/12 1320	u78039.d	12	460-41730-E-15-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1340	u78040.d	13	460-41730-E-20-E	460-118529	07/03/12	15	1	1	1.0	all		G

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

20x: Prepared 2x from 10x
25x: Prepared 5x from 5x
50x: Prepared 5x from 10x
100x: Prepared 10x from 10x
200x: Prepared 2x from 100x
250x: Prepared 5x from 50x
500x: Prepared 5x from 100x
1000x: Prepared 10x from 100x

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b

Date Generated: 07/08/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/12 1401	u78041.d	14	460-41730-E-21-D	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1421	u78042.d	15	460-41730-E-22-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1441	u78043.d	16	460-41730-E-1-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1501	u78044.d	17	460-41718-A-1-F	460-118520	07/03/12	15.0	1	20	1.0	all		RR5X
07/06/12 1522	u78045.d	18	460-41718-A-1-D MS	460-118520	07/03/12	15.0	1	20	1.0	all		RR5X
07/06/12 1542	u78046.d	19	460-41718-A-1-E MSD	460-118520	07/03/12	15	1	20	1.0	all		RR5X
07/06/12 1602	u78047.d	20	460-41730-E-2-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1622	u78048.d	21	460-41730-E-18-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1642	u78049.d	22	460-41730-E-5-L	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1703	u78050.d	23	460-41730-E-5-J MS	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1723	u78051.d	24	460-41730-E-5-K MSD	460-118529	07/03/12	15	1	1	1.0	all		G
07/06/12 1743	u78052.d	25	460-41730-E-16-E	460-118529	07/03/12	15.0	1	1	1.0	all		G
07/06/12 1803	u78053.d	26	460-41730-E-14-E	460-118529	07/03/12	15.0	1	10	1.0	all		RR 2X
07/06/12 1824	u78054.d	27	460-41730-E-7-E	460-118529	07/03/12	15.0	1	2	1.0	all	✓	G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/06jul12.b

Date Generated: 07/08/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/12 1844	u78055.d	28	460-41730-E-13-E	460-118529	07/03/12	15	1	1	1.0	all		
07/06/12 1904	u78056.d	29	BLK	06jul12	V	15	1	1	1.0	all		No use

Signed: W Read and Understood by: W. [signature]

Date: 7/8/12 Date: 7-9-12

07/12/2012

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b

Date Generated: 07/09/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/08/12 0008	u78057.d	96	DFTPP-1427854	—	—	0	0	1	2.0	all	4642	119055 tuning pentn. 7 i.918 Benz. 7 .612
07/08/12 0044	u78058.d	1	CCVIS-1564229	—	—	15	1	1	1.0	all	4674	no benzaldehyde benzidine
07/08/12 0120	u78059.d	2	LCS 460-118325/2-A	08jul12	—	15	1	1	1.0	all	—	
07/08/12 0140	u78060.d	3	LCS 460-118598/2-A	08jul12	—	15	1	1	1.0	all	—	
07/08/12 0200	u78061.d	4	MB 460-118325/1-A	460-118325	—	15	1	1	1.0	all	—	
07/08/12 0220	u78062.d	5	MB 460-118598/1-A	460-118598	—	15	1	1	1.0	all	—	
07/08/12 0240	u78063.d	6	200-11398-D-1-A	460-118325	07/02/12	15	1	1	1.0	all	—	
07/08/12 0301	u78064.d	7	460-41631-E-11-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	
07/08/12 0321	u78065.d	8	460-41631-D-12-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	
07/08/12 0341	u78066.d	9	460-41631-E-13-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	
07/08/12 0401	u78067.d	10	460-41733-A-1-F	460-118598	07/05/12	15	1	1	1.0	all	—	
07/08/12 0421	u78068.d	11	460-41534-E-4-B	460-116953	06/21/12	15.0	1	1	1.0	all	—	
07/08/12 0441	u78069.d	12	460-41631-E-10-E	460-118598	07/05/12	15	1	1	1.0	all	—	
07/08/12 0501	u78070.d	13	460-41779-E-1-F	460-118598	07/05/12	15.0	1	1	1.0	all	—	possible benzaldehyde int Carmen

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b

Date Generated: 07/09/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/08/12 0521	u78071.d	14	460-41861-G-2-B	460-118598	07/05/12	15.0	1	1	1.0	all	—	D
07/08/12 0541	u78072.d	15	460-41631-E-6-B	460-118598	07/05/12	15.0	1	1	1.0	all	—	E
07/08/12 0602	u78073.d	16	460-41631-D-1-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	D
07/08/12 0622	u78074.d	17	460-41631-E-3-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	E
07/08/12 0642	u78075.d	18	460-41631-D-2-E	460-118598	07/05/12	15.0	1	1	1.0	all	—	D
07/08/12 0702	u78076.d	19	460-41631-D-2-C MS	460-118598	07/05/12	15.0	1	1	1.0	all	—	E RR @ 7/9/12 Spike high
07/08/12 0722	u78077.d	20	460-41631-D-2-D MSD	460-118598	07/05/12	15	1	1	1.0	all	—	E ↓
07/08/12 0742	u78078.d	21	460-41631-D-4-C	460-118598	07/05/12	15	1	1	1.0	all	—	E
07/08/12 0802	u78079.d	22	460-41631-E-5-C	460-118598	07/05/12	15.0	1	1	1.0	all	—	E
07/08/12 0822	u78080.d	23	460-41868-D-10-E	460-118325	07/02/12	15	1	1	1.0	all	—	E Off purpose On hold
07/08/12 0842	u78081.d	24	460-41868-D-10-C MS	460-118325	↓	15.0	1	1	1.0	all	—	E
07/08/12 0902	u78082.d	25	460-41868-D-10-DMSD	460-118325	↓	15	1	1	1.0	all	—	E
07/08/12 0922	u78083.d	26	460-41861-G-3-B	460-118598	07/05/12	15	1	5	1.0	all	—	E
07/08/12 0943	u78084.d	27	460-41730-E-14-E	460-118529	07/03/12	15.0	1	2	1.0	all	—	E

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-28-12/08jul12.b

Date Generated: 07/09/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/08/12 1003	u78085.d	28	460-41861-G-1-B	460-118598	07/05/12	15.0	1	5	1.0	all	—	G
07/08/12 1023	u78086.d	29	460-41866-A-2-E	460-118598	07/05/12	15.0	1	2	1.0	all	—	G
07/08/12 1043	u78087.d	30	460-41866-E-5-D	460-118598	07/05/12	15.0	1	1	1.0	all	—	FR Zsid Lot
07/08/12 1103	u78088.d	31	460-41718-A-1-F	460-118520	07/03/12	15.0	1	1	1.0	all	—	NC

Signed: Michael Moore Read and Understood by:

Date: 7/9/12 Date: 7-10-12

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118529 Batch Start Date: 07/03/12 19:52 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00007	OP8270sp 00027	
MB 460-118529/1		3541, 8270C		15.00 g	1 mL	103	500 uL		
LCS 460-118529/2		3541, 8270C		15.00 g	1 mL	104	500 uL	0.5 mL	
460-41730-E-5 MS	SF-29	3541, 8270C	T	15.03 g	1 mL	105	500 uL	0.5 mL	
460-41730-E-5 MSD	SF-29	3541, 8270C	T	15.00 g	1 mL	106	500 uL	0.5 mL	
460-41730-E-1	SL-10	3541, 8270C	T	15.01 g	1 mL	107	500 uL		
460-41730-E-2	SF-26	3541, 8270C	T	15.03 g	1 mL	108	500 uL		
460-41730-E-3	SF-27	3541, 8270C	T	15.02 g	1 mL	67	500 uL		
460-41730-E-4	SF-28	3541, 8270C	T	15.00 g	1 mL	68	500 uL		
460-41730-E-5	SF-29	3541, 8270C	T	15.03 g	1 mL	69	500 uL		
460-41730-E-6	SF-30	3541, 8270C	T	15.03 g	1 mL	70	500 uL		
460-41730-E-7	SF-31	3541, 8270C	T	15.02 g	1 mL	71	500 uL		
460-41730-E-8	SF-32	3541, 8270C	T	15.00 g	1 mL	72	500 uL		
460-41730-E-9	SF-33	3541, 8270C	T	15.00 g	1 mL	73	500 uL		
460-41730-E-10	FD-H	3541, 8270C	T	15.05 g	1 mL	74	500 uL		
460-41730-E-11	F-17	3541, 8270C	T	15.02 g	1 mL	75	500 uL		
460-41730-E-12	F-18	3541, 8270C	T	15.00 g	1 mL	76	500 uL		
460-41730-E-13	F-19	3541, 8270C	T	15.00 g	1 mL	77	500 uL		
460-41730-E-14	F-20	3541, 8270C	T	15.01 g	1 mL	78	500 uL		
460-41730-E-15	F-21	3541, 8270C	T	15.02 g	1 mL	115	500 uL		
460-41730-E-16	F-22	3541, 8270C	T	15.01 g	1 mL	116	500 uL		
460-41730-E-18	F-24	3541, 8270C	T	15.02 g	1 mL	117	500 uL		
460-41730-E-20	F-26	3541, 8270C	T	15.00 g	1 mL	118	500 uL		
460-41730-E-21	F-27	3541, 8270C	T	15.02 g	1 mL	119	500 uL		
460-41730-E-22	F-28	3541, 8270C	T	15.04 g	1 mL	120	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118529 Batch Start Date: 07/03/12 19:52 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L08E09
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	7:52pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118530 Batch Start Date: 07/03/12 19:53 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00007	OP8270sp 00027	
MB 460-118530/1		3541, 8270C		15.00 g	1 mL	97	500 uL		
LCS 460-118530/2		3541, 8270C		15.00 g	1 mL	98	500 uL	0.5 mL	
460-41730-E-17 MS	F-23	3541, 8270C	T	15.04 g	1 mL	99	500 uL	0.5 mL	
460-41730-E-17 MSD	F-23	3541, 8270C	T	15.00 g	1 mL	100	500 uL	0.5 mL	
460-41730-E-17	F-23	3541, 8270C	T	14.99 g	1 mL	119	500 uL		
460-41730-E-23	FD-J	3541, 8270C	T	15.05 g	1 mL	120	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L08E09
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	7:53pm

Basis	Basis Description
T	Total/NA

Method 8081A

Organochlorine Pesticides (GC) by Method 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
SL-10	460-41730-1	88	89	100	95
SF-26	460-41730-2	92	91	104	97
SF-27	460-41730-3	80	80	93	87
SF-28	460-41730-4	64	63	77	71
SF-29	460-41730-5	65	67	80	74
SF-30	460-41730-6	81	81	94	86
SF-31	460-41730-7	86	99	100	93
SF-32	460-41730-8	83	85	93	85
SF-33	460-41730-9	83	83	97	89
FD-H	460-41730-10	84	84	94	85
F-17	460-41730-11	98	97	113	103
F-18	460-41730-12	86	84	105	95
F-19	460-41730-13	80	78	90	84
F-20	460-41730-14	57	71	87	89
F-21	460-41730-15	80	78	85	78
F-22	460-41730-16	77	75	84	76
F-23	460-41730-17	58 p	104	79	86
F-24	460-41730-18	92	89	103	92
F-26	460-41730-20	95	93	109	98
F-27	460-41730-21	94	92	104	93
F-28	460-41730-22	83	82	92	83
FD-J	460-41730-23	86	75	90	85
	MB 460-118074/1-A	118	113	129	118
	MB 460-118077/1-A	123	112	129	117
	LCS 460-118074/2-A	123	112	125	117
	LCS 460-118077/2-A	115	119	126	116
SF-29 MS	460-41730-5 MS	125	110	121	111
F-23 MS	460-41730-17 MS	82	94	93	93
SF-29 MSD	460-41730-5 MSD	127	112	122	114
F-23 MSD	460-41730-17 MSD	82	87	90	93

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135637.d

Lab ID: LCS 460-118074/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	145	109	58-143	
alpha-BHC	133	135	101	58-138	
beta-BHC	133	137	103	60-139	
delta-BHC	133	132	99	60-141	
gamma-BHC (Lindane)	133	135	101	58-136	
4,4'-DDD	133	154	115	63-150	
4,4'-DDE	133	153	114	58-150	
4,4'-DDT	133	151	113	57-150	
Dieldrin	133	132	99	55-128	
Endosulfan I	133	144	108	60-138	
Endosulfan II	133	137	103	59-133	
Endosulfan sulfate	133	130	98	56-133	
Endrin	133	144	108	61-150	
Endrin aldehyde	133	124	93	55-122	
Endrin ketone	133	140	105	62-139	
Heptachlor	133	165	123	58-137	
Heptachlor epoxide	133	143	107	59-136	
Methoxychlor	133	158	119	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135637.d

Lab ID: LCS 460-118074/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	129	97	58-143	
alpha-BHC	133	125	94	58-138	
beta-BHC	133	130	97	60-139	
delta-BHC	133	121	91	60-141	
gamma-BHC (Lindane)	133	123	93	58-136	
4,4'-DDD	133	154	115	63-150	
4,4'-DDE	133	142	107	58-150	
4,4'-DDT	133	137	103	57-150	
Dieldrin	133	129	97	55-128	
Endosulfan I	133	139	104	60-138	
Endosulfan II	133	135	101	59-133	
Endosulfan sulfate	133	130	98	56-133	
Endrin	133	142	106	61-150	
Endrin aldehyde	133	129	97	55-122	
Endrin ketone	133	137	103	62-139	
Heptachlor	133	125	93	58-137	
Heptachlor epoxide	133	131	98	59-136	
Methoxychlor	133	129	97	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF703628.D

Lab ID: LCS 460-118077/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	144	108	58-143	
alpha-BHC	133	147	110	58-138	
beta-BHC	133	149	112	60-139	
delta-BHC	133	142	107	60-141	
gamma-BHC (Lindane)	133	145	109	58-136	
4,4'-DDD	133	159	119	63-150	
4,4'-DDE	133	152	114	58-150	
4,4'-DDT	133	154	115	57-150	
Dieldrin	133	133	100	55-128	
Endosulfan I	133	144	108	60-138	
Endosulfan II	133	142	107	59-133	
Endosulfan sulfate	133	135	101	56-133	
Endrin	133	147	110	61-150	
Endrin aldehyde	133	135	101	55-122	
Endrin ketone	133	146	110	62-139	
Heptachlor	133	156	117	58-137	
Heptachlor epoxide	133	140	105	59-136	
Methoxychlor	133	171	128	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR703628.D

Lab ID: LCS 460-118077/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	142	106	58-143	
alpha-BHC	133	142	106	58-138	
beta-BHC	133	143	107	60-139	
delta-BHC	133	143	107	60-141	
gamma-BHC (Lindane)	133	142	107	58-136	
4,4'-DDD	133	153	115	63-150	
4,4'-DDE	133	144	108	58-150	
4,4'-DDT	133	150	113	57-150	
Dieldrin	133	129	97	55-128	
Endosulfan I	133	142	106	60-138	
Endosulfan II	133	137	103	59-133	
Endosulfan sulfate	133	134	100	56-133	
Endrin	133	140	105	61-150	
Endrin aldehyde	133	135	101	55-122	
Endrin ketone	133	147	111	62-139	
Heptachlor	133	143	107	58-137	
Heptachlor epoxide	133	140	105	59-136	
Methoxychlor	133	147	110	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135703.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	158	1.7 U	168	106	58-143	
alpha-BHC	158	1.5 U	156	99	58-138	
beta-BHC	158	1.1 U	155	99	60-139	
delta-BHC	158	1.2 U	157	99	60-141	
gamma-BHC (Lindane)	158	0.92 U	157	99	58-136	
4,4'-DDD	158	0.95 U	177	112	63-150	
4,4'-DDE	158	1.5 U	170	108	58-150	
4,4'-DDT	158	0.99 U	178	113	57-150	
Dieldrin	158	1.5 U	151	96	55-128	
Endosulfan I	158	1.7 U	164	104	60-138	
Endosulfan II	158	1.2 U	159	101	59-133	
Endosulfan sulfate	158	1.0 U	154	98	56-133	
Endrin	158	1.1 U	169	108	61-150	
Endrin aldehyde	158	2.0 U	144	91	55-122	
Endrin ketone	158	1.2 U	164	104	62-139	
Heptachlor	158	1.1 U	194	123	58-137	
Heptachlor epoxide	158	1.6 U	163	104	59-136	
Methoxychlor	158	0.89 U	187	119	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135703.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	158	1.7 U	153	97	58-143	
alpha-BHC	158	1.5 U	151	96	58-138	
beta-BHC	158	1.1 U	153	97	60-139	
delta-BHC	158	1.2 U	148	94	60-141	
gamma-BHC (Lindane)	158	0.92 U	148	94	58-136	
4,4'-DDD	158	0.95 U	185	117	63-150	
4,4'-DDE	158	1.5 U	155	98	58-150	
4,4'-DDT	158	0.99 U	167	106	57-150	
Dieldrin	158	1.5 U	147	93	55-128	
Endosulfan I	158	1.7 U	159	101	60-138	
Endosulfan II	158	1.2 U	163	104	59-133	
Endosulfan sulfate	158	1.0 U	149	94	56-133	
Endrin	158	1.1 U	166	105	61-150	
Endrin aldehyde	158	2.0 U	148	94	55-122	
Endrin ketone	158	1.2 U	157	99	62-139	
Heptachlor	158	1.1 U	150	95	58-137	
Heptachlor epoxide	158	1.6 U	154	98	59-136	
Methoxychlor	158	0.89 U	157	100	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF703629.D

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	336	3.7 U	242	72	58-143	
alpha-BHC	336	3.1 U	259	77	58-138	
beta-BHC	336	2.3 U	255	76	60-139	
delta-BHC	336	2.6 U	259	77	60-141	
gamma-BHC (Lindane)	336	2.0 U	260	77	58-136	
4,4'-DDD	336	23	301	83	63-150	
4,4'-DDE	336	100	299	72	58-150	
4,4'-DDT	336	28	278	74	57-150	
Dieldrin	336	19	236	68	55-128	
Endosulfan I	336	3.5 U	247	73	60-138	
Endosulfan II	336	2.5 U	245	73	59-133	
Endosulfan sulfate	336	3.5 J	258	77	56-133	
Endrin	336	11 J	276	82	61-150	
Endrin aldehyde	336	4.2 U	196	58	55-122	
Endrin ketone	336	9.7 J	288	84	62-139	
Heptachlor	336	2.4 U	224	67	58-137	
Heptachlor epoxide	336	3.4 U	236	70	59-136	
Methoxychlor	336	31	288	83	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR703629.D

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	336	3.7 U	243	72	58-143	
alpha-BHC	336	3.1 U	260	77	58-138	
beta-BHC	336	2.3 U	243	72	60-139	
delta-BHC	336	2.6 U	246	73	60-141	
gamma-BHC (Lindane)	336	2.0 U	256	76	58-136	
4,4'-DDD	336	38	243	61	63-150	F
4,4'-DDE	336	57	256	45	58-150	F
4,4'-DDT	336	24	224	60	57-150	
Dieldrin	336	8.4 J	212	57	55-128	
Endosulfan I	336	3.5 U	237	70	60-138	
Endosulfan II	336	2.5 U	223	66	59-133	
Endosulfan sulfate	336	2.2 U	237	69	56-133	
Endrin	336	2.4 U	239	68	61-150	
Endrin aldehyde	336	4.2 U	188	56	55-122	
Endrin ketone	336	6.3 J	263	76	62-139	
Heptachlor	336	2.4 U	242	72	58-137	
Heptachlor epoxide	336	3.4 U	254	76	59-136	
Methoxychlor	336	9.3 J	227	58	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135704.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	158	170	108	2	30	58-143	
alpha-BHC	158	158	100	1	30	58-138	
beta-BHC	158	159	101	2	30	60-139	
delta-BHC	158	158	100	1	30	60-141	
gamma-BHC (Lindane)	158	158	100	1	30	58-136	
4,4'-DDD	158	179	114	1	30	63-150	
4,4'-DDE	158	174	110	2	30	58-150	
4,4'-DDT	158	180	114	1	30	57-150	
Dieldrin	158	153	97	2	30	55-128	
Endosulfan I	158	167	106	2	30	60-138	
Endosulfan II	158	162	103	2	30	59-133	
Endosulfan sulfate	158	155	98	1	30	56-133	
Endrin	158	171	109	1	30	61-150	
Endrin aldehyde	158	145	92	1	30	55-122	
Endrin ketone	158	166	105	1	30	62-139	
Heptachlor	158	198	126	2	30	58-137	
Heptachlor epoxide	158	166	105	2	30	59-136	
Methoxychlor	158	189	120	1	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135704.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	158	156	99	2	30	58-143	
alpha-BHC	158	154	97	2	30	58-138	
beta-BHC	158	155	98	1	30	60-139	
delta-BHC	158	151	96	2	30	60-141	
gamma-BHC (Lindane)	158	152	96	2	30	58-136	
4,4'-DDD	158	187	118	1	30	63-150	
4,4'-DDE	158	161	102	4	30	58-150	
4,4'-DDT	158	167	106	0	30	57-150	
Dieldrin	158	150	95	2	30	55-128	
Endosulfan I	158	162	103	2	30	60-138	
Endosulfan II	158	163	104	0	30	59-133	
Endosulfan sulfate	158	151	96	2	30	56-133	
Endrin	158	168	107	1	30	61-150	
Endrin aldehyde	158	148	94	0	30	55-122	
Endrin ketone	158	160	101	2	30	62-139	
Heptachlor	158	153	97	2	30	58-137	
Heptachlor epoxide	158	156	99	2	30	59-136	
Methoxychlor	158	161	102	2	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WF703630.D

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	336	234	70	3	30	58-143	
alpha-BHC	336	243	72	6	30	58-138	
beta-BHC	336	242	72	1	30	60-139	
delta-BHC	336	250	74	2	30	60-141	
gamma-BHC (Lindane)	336	246	73	4	30	58-136	
4,4'-DDD	336	295	81	2	30	63-150	
4,4'-DDE	336	291	70	3	30	58-150	
4,4'-DDT	336	263	70	5	30	57-150	
Dieldrin	336	230	66	3	30	55-128	
Endosulfan I	336	243	72	2	30	60-138	
Endosulfan II	336	238	71	3	30	59-133	
Endosulfan sulfate	336	253	75	2	30	56-133	
Endrin	336	269	80	3	30	61-150	
Endrin aldehyde	336	191	57	3	30	55-122	
Endrin ketone	336	283	82	2	30	62-139	
Heptachlor	336	211	63	6	30	58-137	
Heptachlor epoxide	336	232	69	2	30	59-136	
Methoxychlor	336	290	83	1	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR703630.D

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	336	239	71	2	30	58-143	
alpha-BHC	336	260	77	0	30	58-138	
beta-BHC	336	246	73	3	30	60-139	
delta-BHC	336	250	74	3	30	60-141	
gamma-BHC (Lindane)	336	256	76	2	30	58-136	
4,4'-DDD	336	253	64	4	30	63-150	
4,4'-DDE	336	265	48	3	30	58-150	F
4,4'-DDT	336	218	58	3	30	57-150	
Dieldrin	336	209	56	1	30	55-128	
Endosulfan I	336	233	69	2	30	60-138	
Endosulfan II	336	220	65	2	30	59-133	
Endosulfan sulfate	336	234	68	1	30	56-133	
Endrin	336	233	66	3	30	61-150	
Endrin aldehyde	336	185	55	2	30	55-122	
Endrin ketone	336	258	74	2	30	62-139	
Heptachlor	336	229	68	6	30	58-137	
Heptachlor epoxide	336	250	74	2	30	59-136	
Methoxychlor	336	225	58	1	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: MB 460-118074/1-A

Matrix: Solid Date Extracted: 06/29/2012 15:51

Lab File ID:(1) xr135660.d Lab File ID:(2) xf135660.d

Date Analyzed:(1) 07/02/2012 17:04 Date Analyzed:(2) 07/02/2012 17:04

Instrument ID:(1) PESTGC1 Instrument ID:(2) PESTGC1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-118074/2-A	07/02/2012 11:47	07/02/2012 11:47
SL-10	460-41730-1	07/02/2012 12:28	07/02/2012 12:28
SF-26	460-41730-2	07/02/2012 12:42	07/02/2012 12:42
SF-27	460-41730-3	07/02/2012 12:56	07/02/2012 12:56
SF-28	460-41730-4	07/02/2012 13:10	07/02/2012 13:10
SF-29	460-41730-5	07/02/2012 13:23	07/02/2012 13:23
SF-30	460-41730-6	07/02/2012 13:37	07/02/2012 13:37
SF-31	460-41730-7	07/02/2012 13:51	07/02/2012 13:51
SF-32	460-41730-8	07/02/2012 14:05	07/02/2012 14:05
SF-33	460-41730-9	07/02/2012 14:19	07/02/2012 14:19
FD-H	460-41730-10	07/02/2012 14:32	07/02/2012 14:32
F-17	460-41730-11	07/02/2012 14:46	07/02/2012 14:46
F-18	460-41730-12	07/02/2012 15:00	07/02/2012 15:00
F-19	460-41730-13	07/02/2012 15:14	07/02/2012 15:14
F-20	460-41730-14	07/02/2012 15:28	07/02/2012 15:28
F-21	460-41730-15	07/02/2012 15:41	07/02/2012 15:41
F-22	460-41730-16	07/02/2012 15:55	07/02/2012 15:55
F-24	460-41730-18	07/02/2012 16:09	07/02/2012 16:09
F-26	460-41730-20	07/02/2012 16:23	07/02/2012 16:23
F-27	460-41730-21	07/02/2012 16:37	07/02/2012 16:37
F-28	460-41730-22	07/02/2012 16:50	07/02/2012 16:50
SF-29 MS	460-41730-5 MS	07/03/2012 08:56	07/03/2012 08:56
SF-29 MSD	460-41730-5 MSD	07/03/2012 09:10	07/03/2012 09:10

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: MB 460-118077/1-A

Matrix: Solid Date Extracted: 06/29/2012 16:02

Lab File ID:(1) WR703650.D Lab File ID:(2) WF703650.D

Date Analyzed:(1) 07/02/2012 14:43 Date Analyzed:(2) 07/02/2012 14:43

Instrument ID:(1) PESTGC4 Instrument ID:(2) PESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-118077/2-A	07/02/2012 09:38	07/02/2012 09:38
F-23 MS	460-41730-17 MS	07/02/2012 09:51	07/02/2012 09:51
F-23 MSD	460-41730-17 MSD	07/02/2012 10:05	07/02/2012 10:05
F-23	460-41730-17	07/02/2012 10:19	07/02/2012 10:19
FD-J	460-41730-23	07/02/2012 10:33	07/02/2012 10:33

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118973/1 Date Analyzed: 07/02/2012 11:17

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf135635.d Heated Purge: (Y/N) N

Calibration ID: 16246

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.27	10.31	
UPPER LIMIT				2.32	10.41	
LOWER LIMIT				2.22	10.21	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118973/1		07/02/2012 11:17	xf135635.d	2.27	10.31	
LCS 460-118074/2-A		07/02/2012 11:47	xf135637.d	2.27	10.31	
460-41730-1	SL-10	07/02/2012 12:28	xf135640.d	2.27	10.31	
460-41730-2	SF-26	07/02/2012 12:42	xf135641.d	2.27	10.31	
460-41730-3	SF-27	07/02/2012 12:56	xf135642.d	2.27	10.31	
460-41730-4	SF-28	07/02/2012 13:10	xf135643.d	2.27	10.31	
460-41730-5	SF-29	07/02/2012 13:23	xf135644.d	2.27	10.31	
460-41730-6	SF-30	07/02/2012 13:37	xf135645.d	2.27	10.31	
460-41730-7	SF-31	07/02/2012 13:51	xf135646.d	2.27	10.31	
460-41730-8	SF-32	07/02/2012 14:05	xf135647.d	2.27	10.31	
460-41730-9	SF-33	07/02/2012 14:19	xf135648.d	2.27	10.31	
460-41730-10	FD-H	07/02/2012 14:32	xf135649.d	2.27	10.31	
460-41730-11	F-17	07/02/2012 14:46	xf135650.d	2.27	10.31	
460-41730-12	F-18	07/02/2012 15:00	xf135651.d	2.27	10.31	
460-41730-13	F-19	07/02/2012 15:14	xf135652.d	2.27	10.31	
460-41730-14	F-20	07/02/2012 15:28	xf135653.d	2.27	10.31	
460-41730-15	F-21	07/02/2012 15:41	xf135654.d	2.28	10.31	
460-41730-16	F-22	07/02/2012 15:55	xf135655.d	2.27	10.31	
460-41730-18	F-24	07/02/2012 16:09	xf135656.d	2.27	10.31	
460-41730-20	F-26	07/02/2012 16:23	xf135657.d	2.27	10.31	
460-41730-21	F-27	07/02/2012 16:37	xf135658.d	2.27	10.31	
460-41730-22	F-28	07/02/2012 16:50	xf135659.d	2.27	10.31	
MB 460-118074/1-A		07/02/2012 17:04	xf135660.d	2.28	10.31	
CCV 460-118973/28		07/02/2012 17:32	xf135662.d	2.27	10.31	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118973/1 Date Analyzed: 07/02/2012 11:17

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr135635.d Heated Purge: (Y/N) N

Calibration ID: 16245

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.88	9.33	
UPPER LIMIT				1.93	9.43	
LOWER LIMIT				1.83	9.23	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118973/1		07/02/2012 11:17	xr135635.d	1.88	9.33	
LCS 460-118074/2-A		07/02/2012 11:47	xr135637.d	1.88	9.33	
460-41730-1	SL-10	07/02/2012 12:28	xr135640.d	1.88	9.33	
460-41730-2	SF-26	07/02/2012 12:42	xr135641.d	1.88	9.33	
460-41730-3	SF-27	07/02/2012 12:56	xr135642.d	1.88	9.33	
460-41730-4	SF-28	07/02/2012 13:10	xr135643.d	1.88	9.33	
460-41730-5	SF-29	07/02/2012 13:23	xr135644.d	1.88	9.33	
460-41730-6	SF-30	07/02/2012 13:37	xr135645.d	1.88	9.33	
460-41730-7	SF-31	07/02/2012 13:51	xr135646.d	1.88	9.33	
460-41730-8	SF-32	07/02/2012 14:05	xr135647.d	1.88	9.33	
460-41730-9	SF-33	07/02/2012 14:19	xr135648.d	1.88	9.33	
460-41730-10	FD-H	07/02/2012 14:32	xr135649.d	1.88	9.33	
460-41730-11	F-17	07/02/2012 14:46	xr135650.d	1.88	9.33	
460-41730-12	F-18	07/02/2012 15:00	xr135651.d	1.88	9.33	
460-41730-13	F-19	07/02/2012 15:14	xr135652.d	1.88	9.33	
460-41730-14	F-20	07/02/2012 15:28	xr135653.d	1.88	9.33	
460-41730-15	F-21	07/02/2012 15:41	xr135654.d	1.88	9.33	
460-41730-16	F-22	07/02/2012 15:55	xr135655.d	1.88	9.33	
460-41730-18	F-24	07/02/2012 16:09	xr135656.d	1.88	9.33	
460-41730-20	F-26	07/02/2012 16:23	xr135657.d	1.88	9.33	
460-41730-21	F-27	07/02/2012 16:37	xr135658.d	1.87	9.33	
460-41730-22	F-28	07/02/2012 16:50	xr135659.d	1.88	9.33	
MB 460-118074/1-A		07/02/2012 17:04	xr135660.d	1.88	9.33	
CCV 460-118973/28		07/02/2012 17:32	xr135662.d	1.88	9.33	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118507/1 Date Analyzed: 07/03/2012 08:28

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf135701.d Heated Purge: (Y/N) N

Calibration ID: 16246

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.27	10.31	
UPPER LIMIT				2.32	10.41	
LOWER LIMIT				2.22	10.21	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118507/1		07/03/2012 08:28	xf135701.d	2.27	10.31	
460-41730-5 MS	SF-29 MS	07/03/2012 08:56	xf135703.d	2.28	10.31	
460-41730-5 MSD	SF-29 MSD	07/03/2012 09:10	xf135704.d	2.28	10.31	
CCV 460-118507/23		07/03/2012 13:31	xf135723.d	2.28	10.31	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118507/1 Date Analyzed: 07/03/2012 08:28

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr135701.d Heated Purge: (Y/N) N

Calibration ID: 16245

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.88	9.33	
UPPER LIMIT				1.93	9.43	
LOWER LIMIT				1.83	9.23	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118507/1		07/03/2012 08:28	xr135701.d	1.88	9.33	
460-41730-5 MS	SF-29 MS	07/03/2012 08:56	xr135703.d	1.88	9.32	
460-41730-5 MSD	SF-29 MSD	07/03/2012 09:10	xr135704.d	1.88	9.33	
CCV 460-118507/23		07/03/2012 13:31	xr135723.d	1.88	9.33	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118612/2 Date Analyzed: 07/02/2012 09:10

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WF703626.D Heated Purge: (Y/N) N

Calibration ID: 16285

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.45	9.94	
UPPER LIMIT				2.50	10.04	
LOWER LIMIT				2.40	9.84	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118612/2		07/02/2012 09:10	WF703626.D	2.45	9.94	
LCS 460-118077/2-A		07/02/2012 09:38	WF703628.D	2.43	9.93	
460-41730-17 MS	F-23 MS	07/02/2012 09:51	WF703629.D	2.43	9.93	
460-41730-17 MSD	F-23 MSD	07/02/2012 10:05	WF703630.D	2.43	9.93	
460-41730-17	F-23	07/02/2012 10:19	WF703631.D	2.43	9.93	
460-41730-23	FD-J	07/02/2012 10:33	WF703632.D	2.43	9.93	
MB 460-118077/1-A		07/02/2012 14:43	WF703650.D	2.43	9.93	
CCV 460-118612/28		07/02/2012 15:11	WF703652.D	2.43	9.93	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118612/2 Date Analyzed: 07/02/2012 09:10

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR703626.D Heated Purge: (Y/N) N

Calibration ID: 16286

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.99	9.01	
UPPER LIMIT				2.04	9.11	
LOWER LIMIT				1.94	8.91	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118612/2		07/02/2012 09:10	WR703626.D	1.99	9.01	
LCS 460-118077/2-A		07/02/2012 09:38	WR703628.D	1.99	9.01	
460-41730-17 MS	F-23 MS	07/02/2012 09:51	WR703629.D	1.99	9.01	
460-41730-17 MSD	F-23 MSD	07/02/2012 10:05	WR703630.D	1.99	9.01	
460-41730-17	F-23	07/02/2012 10:19	WR703631.D	1.99	9.01	
460-41730-23	FD-J	07/02/2012 10:33	WR703632.D	1.99	9.01	
MB 460-118077/1-A		07/02/2012 14:43	WR703650.D	1.99	9.01	
CCV 460-118612/28		07/02/2012 15:11	WR703652.D	1.99	9.01	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS Lab Sample ID: 460-41730-5 MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 07/03/2012 08:56 Date Analyzed (2): 07/03/2012 08:56

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.21	2.31	151		0.0
	2		2.77	2.72	2.82	156		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	148		0.0
	2		3.11	3.06	3.16	157		
beta-BHC	1		2.55	2.50	2.60	153		0.0
	2		3.20	3.15	3.25	155		
delta-BHC	1		2.68	2.63	2.73	148		0.0
	2		3.57	3.52	3.62	157		
Heptachlor	1		2.85	2.80	2.90	150		0.0
	2		3.68	3.63	3.73	194		
Aldrin	1		3.11	3.06	3.16	153		0.0
	2		4.46	4.41	4.51	168		
Heptachlor epoxide	1		3.91	3.83	3.97	154		0.0
	2		6.00	5.92	6.06	163		
4,4'-DDE	1		4.72	4.64	4.78	155		0.0
	2		7.17	7.10	7.24	170		
Endosulfan I	1		4.82	4.74	4.88	159		0.0
	2		6.98	6.91	7.05	164		
Dieldrin	1		5.41	5.34	5.48	147		0.0
	2		7.45	7.38	7.52	151		
Endrin	1		6.00	5.93	6.07	166		0.0
	2		7.82	7.75	7.89	169		
4,4'-DDD	1		6.20	6.12	6.26	185		0.0
	2		7.93	7.86	8.00	177		
Endosulfan II	1		6.55	6.47	6.61	163		0.0
	2		8.07	8.00	8.14	159		
4,4'-DDT	1		6.86	6.79	6.93	167		0.0
	2		8.30	8.23	8.37	178		
Endrin aldehyde	1		7.36	7.29	7.43	148		0.0
	2		8.46	8.39	8.53	144		
Methoxychlor	1		7.64	7.57	7.71	157		0.0
	2		9.10	9.03	9.17	187		
Endosulfan sulfate	1		7.87	7.80	7.94	149		0.0
	2		8.79	8.72	8.86	154		
Endrin ketone	1		8.18	8.11	8.25	157		0.0
	2		9.39	9.32	9.46	164		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD Lab Sample ID: 460-41730-5 MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 07/03/2012 09:10 Date Analyzed (2): 07/03/2012 09:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.21	2.31	154		0.0
	2		2.77	2.72	2.82	158		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	152		0.0
	2		3.11	3.06	3.16	158		
beta-BHC	1		2.55	2.50	2.60	155		0.0
	2		3.20	3.15	3.25	159		
delta-BHC	1		2.68	2.63	2.73	151		0.0
	2		3.57	3.52	3.62	158		
Heptachlor	1		2.85	2.80	2.90	153		0.0
	2		3.68	3.63	3.73	198		
Aldrin	1		3.11	3.06	3.16	156		0.0
	2		4.46	4.41	4.51	170		
Heptachlor epoxide	1		3.90	3.83	3.97	156		0.0
	2		5.99	5.92	6.06	166		
4,4'-DDE	1		4.71	4.64	4.78	161		0.0
	2		7.17	7.10	7.24	174		
Endosulfan I	1		4.81	4.74	4.88	162		0.0
	2		6.98	6.91	7.05	167		
Dieldrin	1		5.41	5.34	5.48	150		0.0
	2		7.45	7.38	7.52	153		
Endrin	1		6.00	5.93	6.07	168		0.0
	2		7.82	7.75	7.89	171		
4,4'-DDD	1		6.19	6.12	6.26	187		0.0
	2		7.93	7.86	8.00	179		
Endosulfan II	1		6.54	6.47	6.61	163		0.0
	2		8.07	8.00	8.14	162		
4,4'-DDT	1		6.86	6.79	6.93	167		0.0
	2		8.29	8.23	8.37	180		
Endrin aldehyde	1		7.36	7.29	7.43	148		0.0
	2		8.46	8.39	8.53	145		
Methoxychlor	1		7.64	7.57	7.71	161		0.0
	2		9.10	9.03	9.17	189		
Endosulfan sulfate	1		7.87	7.80	7.94	151		0.0
	2		8.79	8.72	8.86	155		
Endrin ketone	1		8.18	8.11	8.25	160		0.0
	2		9.39	9.32	9.46	166		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 Lab Sample ID: 460-41730-14

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 07/02/2012 15:28 Date Analyzed (2): 07/02/2012 15:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dieldrin	1		5.42	5.34	5.48	9.0		28.1
	2		7.45	7.38	7.52	6.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 Lab Sample ID: 460-41730-17

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 07/02/2012 10:19 Date Analyzed (2): 07/02/2012 10:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.27	6.21	6.35	57		58.4
	2		7.18	7.11	7.25	100		
Dieldrin	1		6.62	6.56	6.70	8.4		79.2
	2		7.33	7.31	7.45	19		
4,4'-DDD	1		6.90	6.84	6.98	38		48.9
	2		7.81	7.75	7.89	23		
4,4'-DDT	1		7.17	7.13	7.27	24		15.9
	2		8.18	8.11	8.25	28		
Methoxychlor	1		7.74	7.63	7.77	9.3		108.1
	2		8.71	8.66	8.80	31		
Endrin ketone	1		8.26	8.20	8.34	6.3		41.7
	2		8.97	8.87	9.01	9.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS Lab Sample ID: 460-41730-17 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 07/02/2012 09:51 Date Analyzed (2): 07/02/2012 09:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.58	2.54	2.64	260		0.2
	2		3.57	3.52	3.62	259		
gamma-BHC (Lindane)	1		3.12	3.08	3.18	256		1.4
	2		4.28	4.23	4.33	260		
beta-BHC	1		3.28	3.24	3.34	243		4.8
	2		4.43	4.38	4.48	255		
delta-BHC	1		3.61	3.56	3.66	246		5.3
	2		5.02	4.97	5.07	259		
Heptachlor	1		4.00	3.96	4.06	242		7.9
	2		5.17	5.13	5.23	224		
Aldrin	1		4.56	4.52	4.62	243		0.5
	2		5.87	5.82	5.92	242		
Heptachlor epoxide	1		5.72	5.65	5.79	254		7.4
	2		6.67	6.60	6.74	236		
4,4'-DDE	1		6.28	6.21	6.35	256		15.3
	2		7.17	7.11	7.25	299		
Endosulfan I	1		6.36	6.29	6.43	237		4.2
	2		7.09	7.02	7.16	247		
Dieldrin	1		6.63	6.56	6.70	212		10.8
	2		7.38	7.31	7.45	236		
Endrin	1		6.86	6.79	6.93	239		14.2
	2		7.73	7.66	7.80	276		
4,4'-DDD	1		6.91	6.84	6.98	243		21.2
	2		7.81	7.75	7.89	301		
Endosulfan II	1		7.08	7.01	7.15	223		9.2
	2		7.96	7.89	8.03	245		
4,4'-DDT	1		7.19	7.13	7.27	224		21.5
	2		8.17	8.11	8.25	278		
Endrin aldehyde	1		7.51	7.44	7.58	188		4.3
	2		8.32	8.25	8.39	196		
Methoxychlor	1		7.70	7.63	7.77	227		23.9
	2		8.73	8.66	8.80	288		
Endosulfan sulfate	1		7.97	7.90	8.04	237		8.6
	2		8.55	8.48	8.62	258		
Endrin ketone	1		8.27	8.20	8.34	263		8.8
	2		8.93	8.87	9.01	288		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD Lab Sample ID: 460-41730-17 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 07/02/2012 10:05 Date Analyzed (2): 07/02/2012 10:05

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.58	2.54	2.64	260		6.7
	2		3.56	3.52	3.62	243		
gamma-BHC (Lindane)	1		3.12	3.08	3.18	256		3.9
	2		4.28	4.23	4.33	246		
beta-BHC	1		3.28	3.24	3.34	246		1.9
	2		4.42	4.38	4.48	242		
delta-BHC	1		3.61	3.56	3.66	250		0.2
	2		5.01	4.97	5.07	250		
Heptachlor	1		4.00	3.96	4.06	229		8.5
	2		5.17	5.13	5.23	211		
Aldrin	1		4.56	4.52	4.62	239		2.2
	2		5.86	5.82	5.92	234		
Heptachlor epoxide	1		5.72	5.65	5.79	250		7.1
	2		6.67	6.60	6.74	232		
4,4'-DDE	1		6.28	6.21	6.35	265		9.6
	2		7.17	7.11	7.25	291		
Endosulfan I	1		6.36	6.29	6.43	233		4.2
	2		7.09	7.02	7.16	243		
Dieldrin	1		6.62	6.56	6.70	209		9.6
	2		7.38	7.31	7.45	230		
Endrin	1		6.86	6.79	6.93	233		14.5
	2		7.73	7.66	7.80	269		
4,4'-DDD	1		6.91	6.84	6.98	253		15.5
	2		7.81	7.75	7.89	295		
Endosulfan II	1		7.08	7.01	7.15	220		7.9
	2		7.96	7.89	8.03	238		
4,4'-DDT	1		7.19	7.13	7.27	218		18.8
	2		8.17	8.11	8.25	263		
Endrin aldehyde	1		7.50	7.44	7.58	185		3.3
	2		8.31	8.25	8.39	191		
Methoxychlor	1		7.70	7.63	7.77	225		25.2
	2		8.73	8.66	8.80	290		
Endosulfan sulfate	1		7.97	7.90	8.04	234		7.9
	2		8.55	8.48	8.62	253		
Endrin ketone	1		8.27	8.20	8.34	258		9.1
	2		8.93	8.87	9.01	283		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118074/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 07/02/2012 11:47 Date Analyzed (2): 07/02/2012 11:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.26	2.21	2.31	125		7.4
	2		2.77	2.72	2.82	135		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	123		8.9
	2		3.11	3.06	3.16	135		
beta-BHC	1		2.55	2.50	2.60	130		5.1
	2		3.19	3.14	3.24	137		
delta-BHC	1		2.68	2.63	2.73	121		8.6
	2		3.57	3.52	3.62	132		
Heptachlor	1		2.85	2.80	2.90	125		27.6
	2		3.68	3.63	3.73	165		
Aldrin	1		3.11	3.06	3.16	129		11.7
	2		4.46	4.41	4.51	145		
Heptachlor epoxide	1		3.90	3.83	3.97	131		8.8
	2		5.99	5.92	6.06	143		
4,4'-DDE	1		4.71	4.64	4.78	142		7.0
	2		7.17	7.10	7.24	153		
Endosulfan I	1		4.81	4.74	4.88	139		3.7
	2		6.98	6.91	7.05	144		
Dieldrin	1		5.41	5.34	5.48	129		2.5
	2		7.45	7.38	7.52	132		
Endrin	1		6.00	5.93	6.07	142		1.8
	2		7.82	7.75	7.89	144		
4,4'-DDD	1		6.20	6.13	6.27	154		0.2
	2		7.93	7.86	8.00	154		
Endosulfan II	1		6.54	6.47	6.61	135		1.9
	2		8.07	8.00	8.14	137		
4,4'-DDT	1		6.86	6.79	6.93	137		9.5
	2		8.30	8.23	8.37	151		
Endrin aldehyde	1		7.36	7.29	7.43	129		3.9
	2		8.46	8.39	8.53	124		
Methoxychlor	1		7.65	7.58	7.72	129		19.9
	2		9.10	9.03	9.17	158		
Endosulfan sulfate	1		7.87	7.80	7.94	130		0.1
	2		8.79	8.72	8.86	130		
Endrin ketone	1		8.18	8.11	8.25	137		2.5
	2		9.39	9.32	9.46	140		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118077/2-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 07/02/2012 09:38 Date Analyzed (2): 07/02/2012 09:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.59	2.54	2.64	142		3.5
	2		3.57	3.52	3.62	147		
gamma-BHC (Lindane)	1		3.13	3.08	3.18	142		2.2
	2		4.28	4.23	4.33	145		
beta-BHC	1		3.28	3.24	3.34	143		4.4
	2		4.43	4.38	4.48	149		
delta-BHC	1		3.61	3.56	3.66	143		0.4
	2		5.02	4.97	5.07	142		
Heptachlor	1		4.01	3.96	4.06	143		9.3
	2		5.18	5.13	5.23	156		
Aldrin	1		4.57	4.52	4.62	142		1.5
	2		5.87	5.82	5.92	144		
Heptachlor epoxide	1		5.72	5.65	5.79	140		0.1
	2		6.67	6.60	6.74	140		
4,4'-DDE	1		6.28	6.21	6.35	144		5.2
	2		7.18	7.11	7.25	152		
Endosulfan I	1		6.36	6.29	6.43	142		1.4
	2		7.09	7.02	7.16	144		
Dieldrin	1		6.63	6.56	6.70	129		2.5
	2		7.38	7.31	7.45	133		
Endrin	1		6.86	6.79	6.93	140		4.5
	2		7.73	7.66	7.80	147		
4,4'-DDD	1		6.91	6.84	6.98	153		3.6
	2		7.82	7.75	7.89	159		
Endosulfan II	1		7.08	7.01	7.15	137		3.6
	2		7.96	7.89	8.03	142		
4,4'-DDT	1		7.20	7.13	7.27	150		2.4
	2		8.18	8.11	8.25	154		
Endrin aldehyde	1		7.51	7.44	7.58	135		0.2
	2		8.32	8.25	8.39	135		
Methoxychlor	1		7.71	7.63	7.77	147		15.1
	2		8.73	8.66	8.80	171		
Endosulfan sulfate	1		7.97	7.90	8.04	134		0.7
	2		8.55	8.48	8.62	135		
Endrin ketone	1		8.27	8.20	8.34	147		0.9
	2		8.94	8.87	9.01	146		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 Lab Sample ID: 460-41730-1

Matrix: Solid Lab File ID: xf135640.d

Analysis Method: 8081A Date Collected: 06/25/2012 08:35

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 12:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

Data File: xf135640.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135640.d
Lab Smp Id: 460-41730-E-1-D Client Smp ID: SL-10
Inj Date : 02-JUL-2012 12:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-1-D
Misc Info : 460-41730-E-1-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	13.93597	% Moisture

Cpnd Variable Local Compound Variable

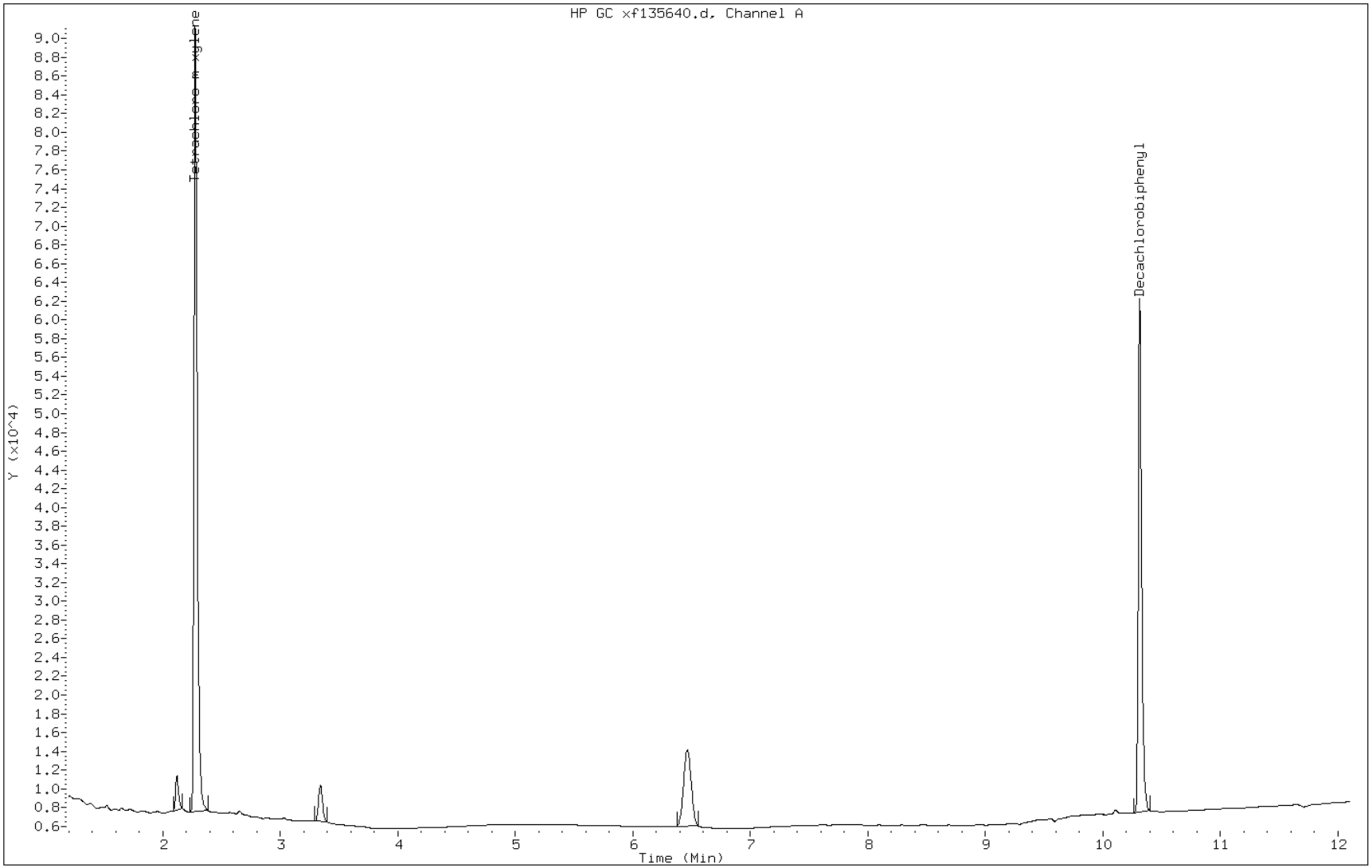
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	155362	44.4953	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	109257	47.2862	37	80.00- 120.00	100.00

Data File: xf135640.d

Date: 02-JUL-2012 12:28

Client ID: SL-10 Instrument: PESTGC1.i

Sample Info: 460-41730-E-1-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Matrix: Solid | Lab File ID: xr135640.d

Analysis Method: 8081A | Date Collected: 06/25/2012 08:35

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 12:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.4	U	7.8	1.4
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-54-8	4,4'-DDD	0.93	U	7.8	0.93
72-55-9	4,4'-DDE	1.5	U	7.8	1.5
50-29-3	4,4'-DDT	0.98	U	7.8	0.98
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.6	U	7.8	1.6
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.8	1.9
53494-70-5	Endrin ketone	1.1	U	7.8	1.1
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.87	U	7.8	0.87
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-150
2051-24-3	DCB Decachlorobiphenyl	100		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135640.d
Lab Smp Id: 460-41730-E-1-D Client Smp ID: SL-10
Inj Date : 02-JUL-2012 12:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-1-D
Misc Info : 460-41730-E-1-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	13.93597	% Moisture

Cpnd Variable Local Compound Variable

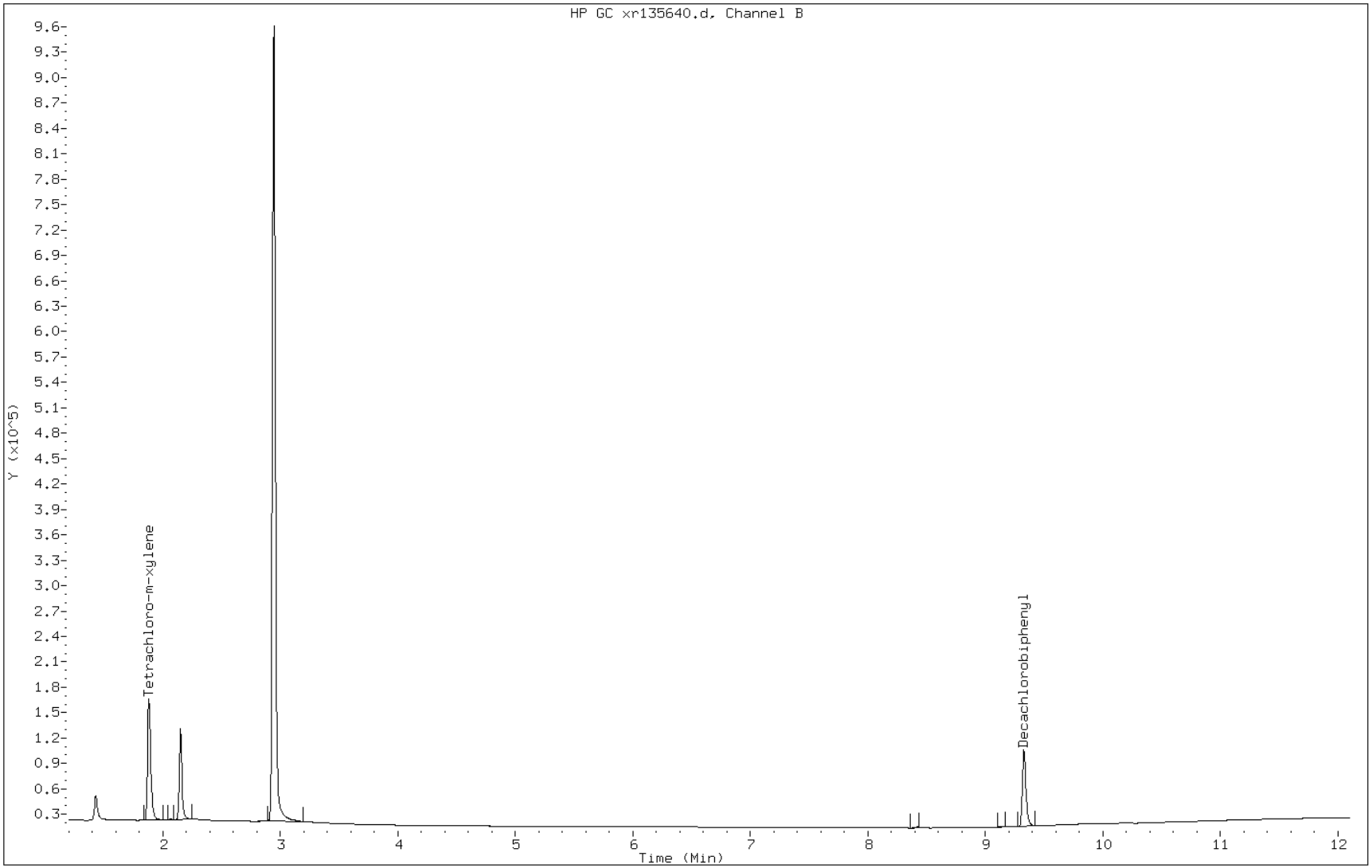
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	267443	44.0643	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	189568	50.1029	39	80.00- 120.00	100.00

Data File: xr135640.d

Date: 02-JUL-2012 12:28

Client ID: SL-10 Instrument: PESTGC1.i

Sample Info: 460-41730-E-1-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 Lab Sample ID: 460-41730-2

Matrix: Solid Lab File ID: xf135641.d

Analysis Method: 8081A Date Collected: 06/25/2012 09:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) Date Analyzed: 07/02/2012 12:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		40-150
2051-24-3	DCB Decachlorobiphenyl	97		53-150

Data File: xf135641.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135641.d
Lab Smp Id: 460-41730-E-2-D Client Smp ID: SF-26
Inj Date : 02-JUL-2012 12:42
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-2-D
Misc Info : 460-41730-E-2-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	19.09449	% Moisture

Cpnd Variable Local Compound Variable

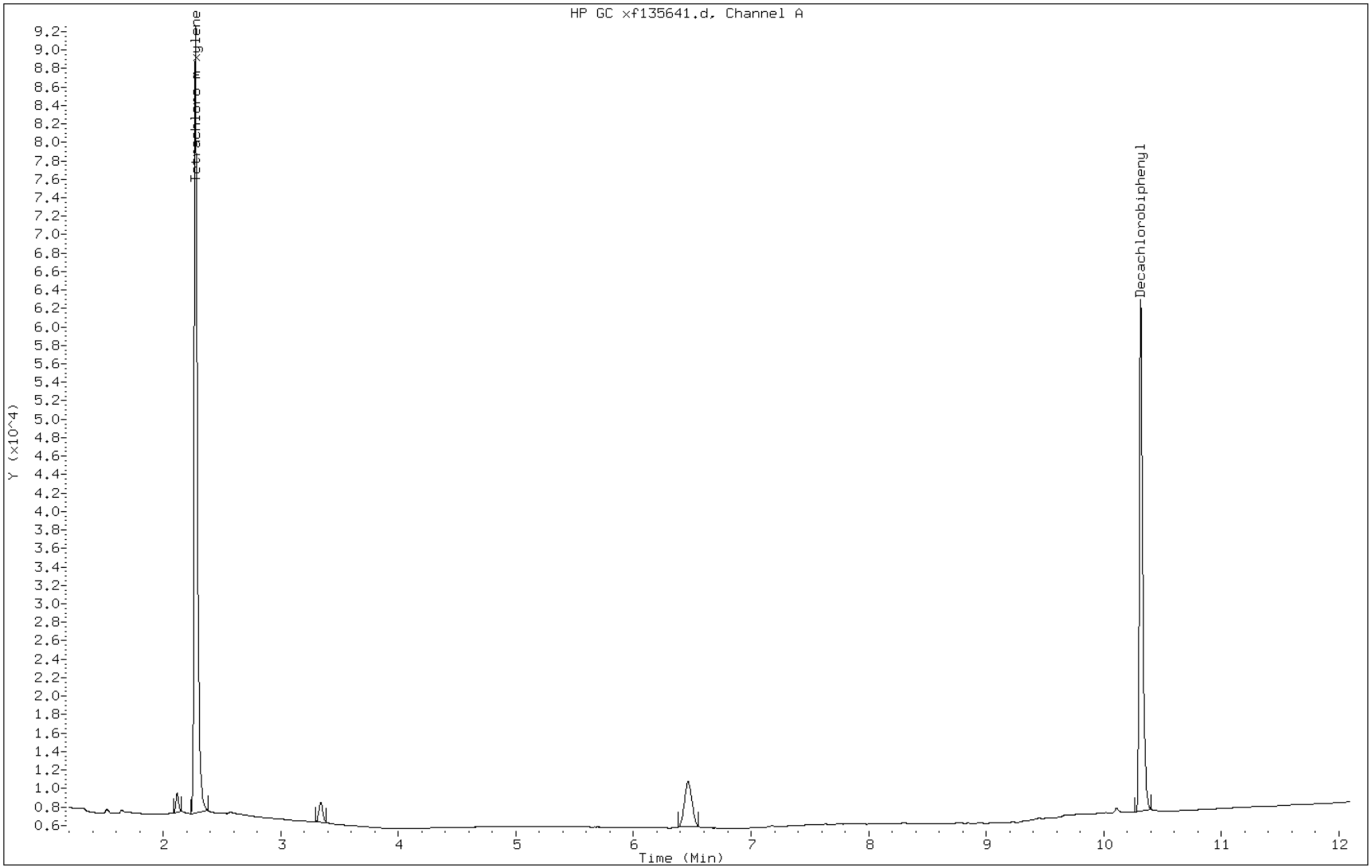
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	159324	45.6300	37	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	111718	48.3513	40	80.00- 120.00	100.00

Data File: xf135641.d

Date: 02-JUL-2012 12:42

Client ID: SF-26 Instrument: PESTGC1.i

Sample Info: 460-41730-E-2-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Matrix: Solid | Lab File ID: xr135641.d

Analysis Method: 8081A | Date Collected: 06/25/2012 09:55

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 12:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.8	U	8.3	1.8
319-84-6	alpha-BHC	1.5	U	8.3	1.5
319-85-7	beta-BHC	1.1	U	8.3	1.1
319-86-8	delta-BHC	1.3	U	8.3	1.3
58-89-9	gamma-BHC (Lindane)	0.96	U	8.3	0.96
57-74-9	Chlordane	18	U	83	18
72-54-8	4,4'-DDD	0.99	U	8.3	0.99
72-55-9	4,4'-DDE	1.6	U	8.3	1.6
50-29-3	4,4'-DDT	1.0	U	8.3	1.0
60-57-1	Dieldrin	1.6	U	8.3	1.6
959-98-8	Endosulfan I	1.7	U	8.3	1.7
33213-65-9	Endosulfan II	1.2	U	8.3	1.2
1031-07-8	Endosulfan sulfate	1.1	U	8.3	1.1
72-20-8	Endrin	1.2	U	8.3	1.2
7421-93-4	Endrin aldehyde	2.1	U	8.3	2.1
53494-70-5	Endrin ketone	1.2	U	8.3	1.2
76-44-8	Heptachlor	1.2	U	8.3	1.2
1024-57-3	Heptachlor epoxide	1.7	U	8.3	1.7
72-43-5	Methoxychlor	0.92	U	8.3	0.92
8001-35-2	Toxaphene	17	U	83	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135641.d
Lab Smp Id: 460-41730-E-2-D Client Smp ID: SF-26
Inj Date : 02-JUL-2012 12:42
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-2-D
Misc Info : 460-41730-E-2-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	19.09449	% Moisture

Cpnd Variable Local Compound Variable

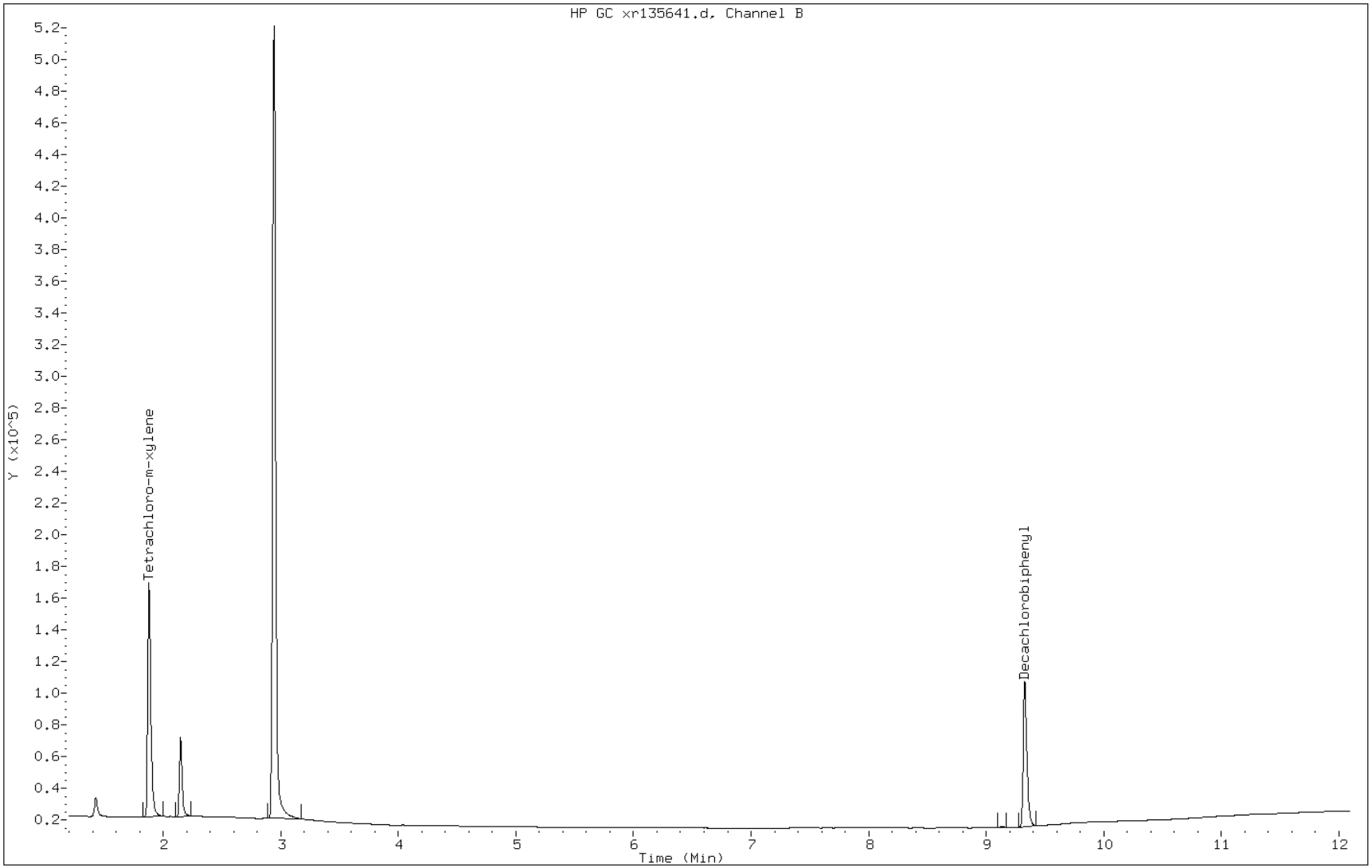
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	278236	45.8426	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	196427	51.9157	43	80.00- 120.00	100.00

Data File: xr135641.d

Date: 02-JUL-2012 12:42

Client ID: SF-26 Instrument: PESTGC1.i

Sample Info: 460-41730-E-2-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: xf135642.d

Analysis Method: 8081A Date Collected: 06/25/2012 10:50

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) Date Analyzed: 07/02/2012 12:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-150
2051-24-3	DCB Decachlorobiphenyl	87		53-150

Data File: xf135642.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135642.d
Lab Smp Id: 460-41730-E-3-D Client Smp ID: SF-27
Inj Date : 02-JUL-2012 12:56
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-3-D
Misc Info : 460-41730-E-3-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	14.01152	% Moisture

Cpnd Variable Local Compound Variable

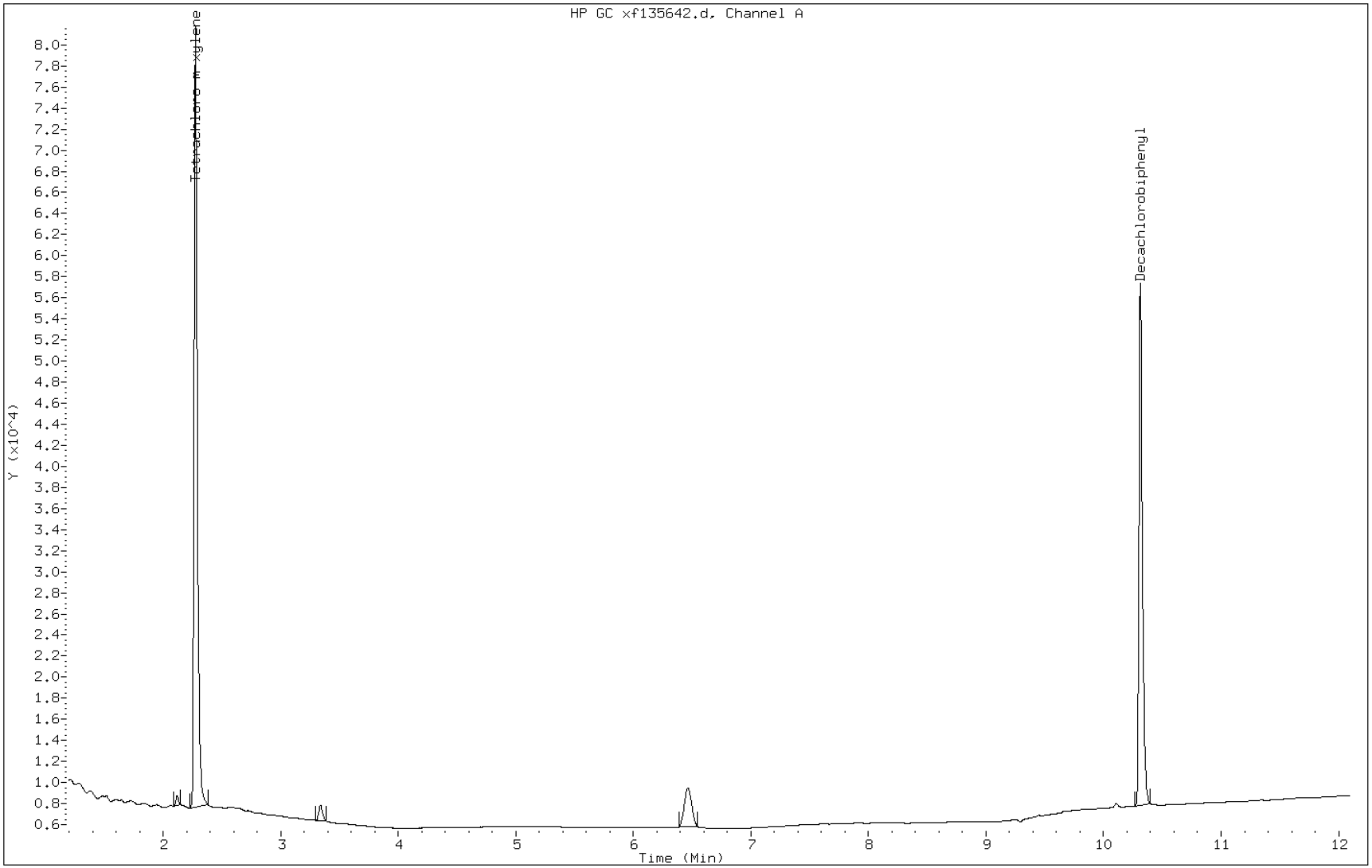
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	139012	39.8127	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	100213	43.3720	34	80.00- 120.00	100.00

Data File: xf135642.d

Date: 02-JUL-2012 12:56

Client ID: SF-27 Instrument: PESTGC1.i

Sample Info: 460-41730-E-3-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Matrix: Solid | Lab File ID: xr135642.d

Analysis Method: 8081A | Date Collected: 06/25/2012 10:50

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) | Date Analyzed: 07/02/2012 12:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.4	U	7.8	1.4
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-54-8	4,4'-DDD	0.93	U	7.8	0.93
72-55-9	4,4'-DDE	1.5	U	7.8	1.5
50-29-3	4,4'-DDT	0.97	U	7.8	0.97
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.6	U	7.8	1.6
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.8	1.9
53494-70-5	Endrin ketone	1.1	U	7.8	1.1
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.87	U	7.8	0.87
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135642.d
Lab Smp Id: 460-41730-E-3-D Client Smp ID: SF-27
Inj Date : 02-JUL-2012 12:56
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-3-D
Misc Info : 460-41730-E-3-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	14.01152	% Moisture

Cpnd Variable Local Compound Variable

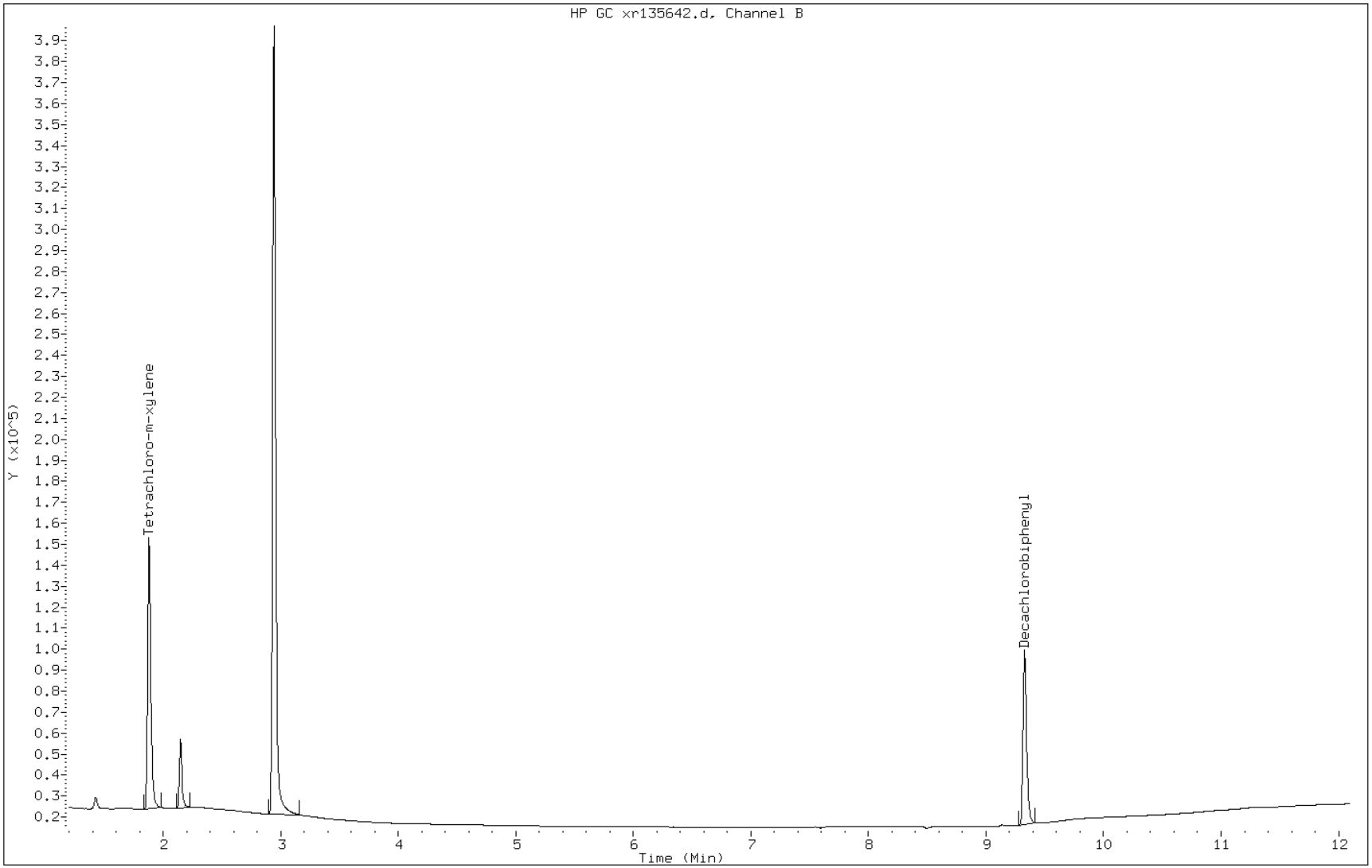
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	241384	39.7708	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	176446	46.6348	36	80.00- 120.00	100.00

Data File: xr135642.d

Date: 02-JUL-2012 12:56

Client ID: SF-27 Instrument: PESTGC1.i

Sample Info: 460-41730-E-3-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 Lab Sample ID: 460-41730-4

Matrix: Solid Lab File ID: xf135643.d

Analysis Method: 8081A Date Collected: 06/25/2012 11:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.04(g) Date Analyzed: 07/02/2012 13:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		40-150
2051-24-3	DCB Decachlorobiphenyl	71		53-150

Data File: xf135643.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135643.d
Lab Smp Id: 460-41730-E-4-D Client Smp ID: SF-28
Inj Date : 02-JUL-2012 13:10
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-4-D
Misc Info : 460-41730-E-4-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	10.40268	% Moisture

Cpnd Variable Local Compound Variable

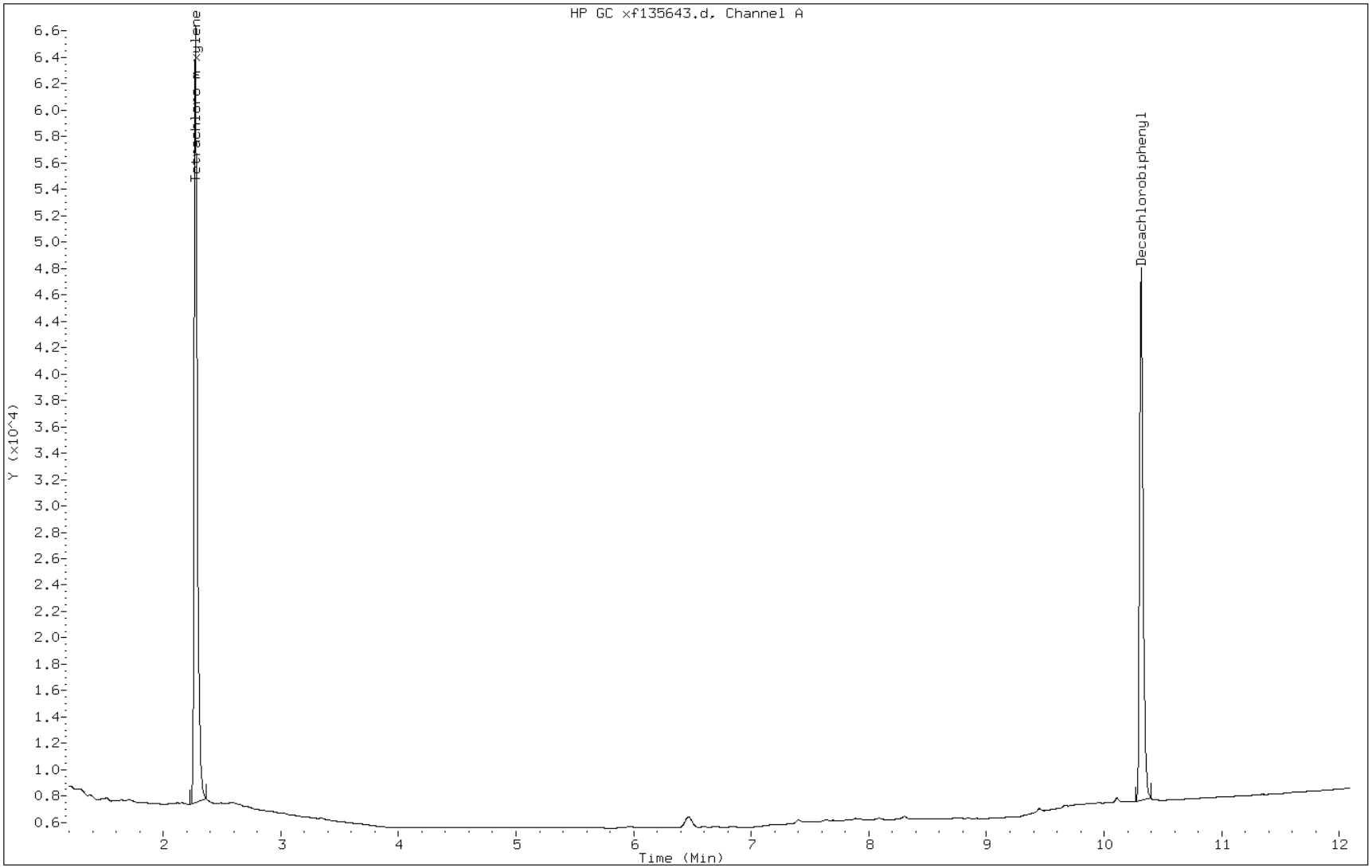
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	110125	31.5395	23	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	82275	35.6085	26	80.00- 120.00	100.00

Data File: xf135643.d

Date: 02-JUL-2012 13:10

Client ID: SF-28 Instrument: PESTGC1.i

Sample Info: 460-41730-E-4-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Matrix: Solid | Lab File ID: xr135643.d

Analysis Method: 8081A | Date Collected: 06/25/2012 11:30

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.04(g) | Date Analyzed: 07/02/2012 13:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.5	1.6
319-84-6	alpha-BHC	1.4	U	7.5	1.4
319-85-7	beta-BHC	1.0	U	7.5	1.0
319-86-8	delta-BHC	1.1	U	7.5	1.1
58-89-9	gamma-BHC (Lindane)	0.87	U	7.5	0.87
57-74-9	Chlordane	16	U	75	16
72-54-8	4,4'-DDD	0.89	U	7.5	0.89
72-55-9	4,4'-DDE	1.4	U	7.5	1.4
50-29-3	4,4'-DDT	0.94	U	7.5	0.94
60-57-1	Dieldrin	1.4	U	7.5	1.4
959-98-8	Endosulfan I	1.6	U	7.5	1.6
33213-65-9	Endosulfan II	1.1	U	7.5	1.1
1031-07-8	Endosulfan sulfate	0.96	U	7.5	0.96
72-20-8	Endrin	1.0	U	7.5	1.0
7421-93-4	Endrin aldehyde	1.9	U	7.5	1.9
53494-70-5	Endrin ketone	1.1	U	7.5	1.1
76-44-8	Heptachlor	1.1	U	7.5	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.5	1.5
72-43-5	Methoxychlor	0.83	U	7.5	0.83
8001-35-2	Toxaphene	16	U	75	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		40-150
2051-24-3	DCB Decachlorobiphenyl	77		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135643.d
Lab Smp Id: 460-41730-E-4-D Client Smp ID: SF-28
Inj Date : 02-JUL-2012 13:10
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-4-D
Misc Info : 460-41730-E-4-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	10.40268	% Moisture

Cpnd Variable Local Compound Variable

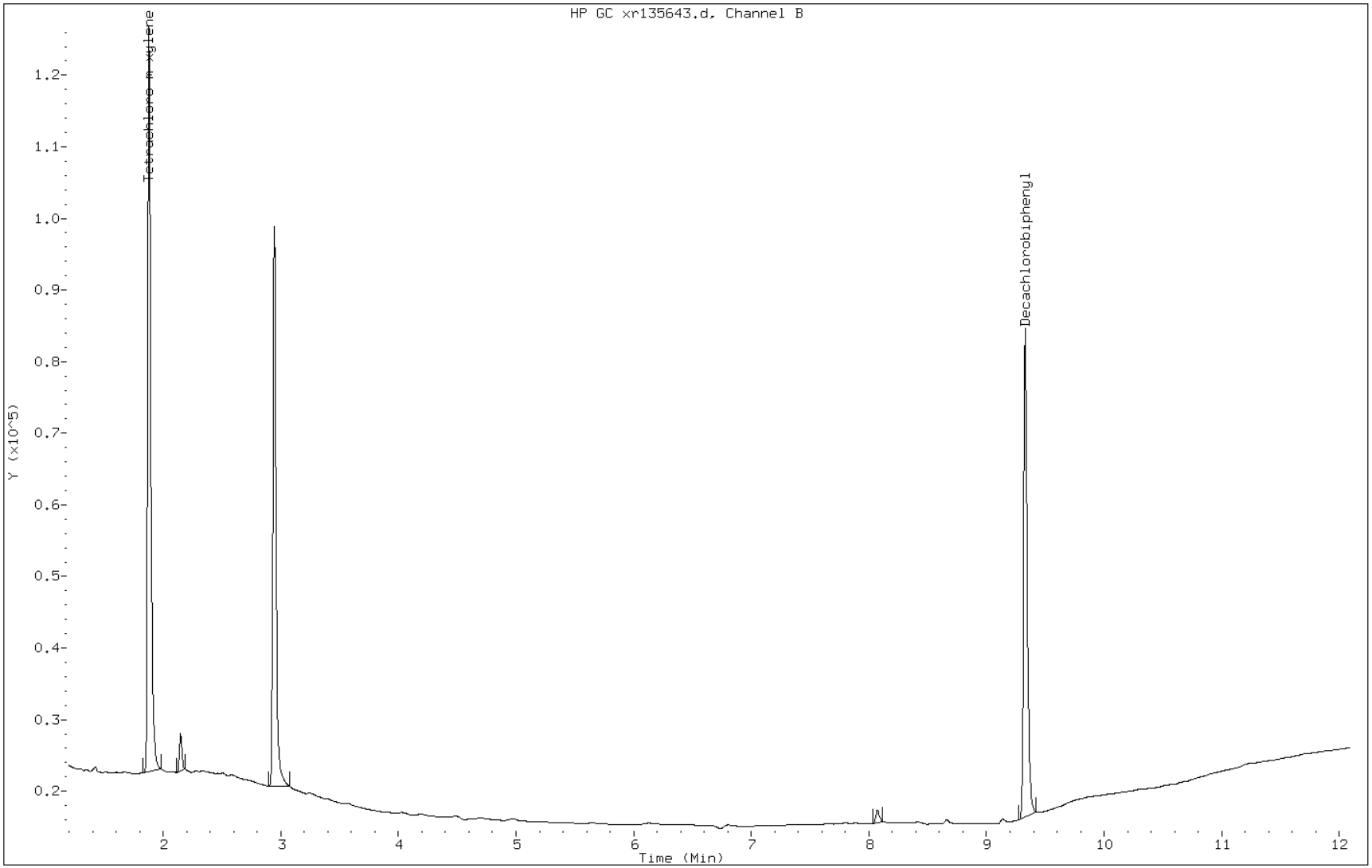
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	193763	31.9247	24	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	146129	38.6220	29	80.00- 120.00	100.00

Data File: xr135643.d

Date: 02-JUL-2012 13:10

Client ID: SF-28 Instrument: PESTGC1.i

Sample Info: 460-41730-E-4-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 Lab Sample ID: 460-41730-5

Matrix: Solid Lab File ID: xf135644.d

Analysis Method: 8081A Date Collected: 06/25/2012 12:04

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) Date Analyzed: 07/02/2012 13:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		40-150
2051-24-3	DCB Decachlorobiphenyl	74		53-150

Data File: xf135644.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135644.d
Lab Smp Id: 460-41730-E-5-I Client Smp ID: SF-29
Inj Date : 02-JUL-2012 13:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-I
Misc Info : 460-41730-E-5-I
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

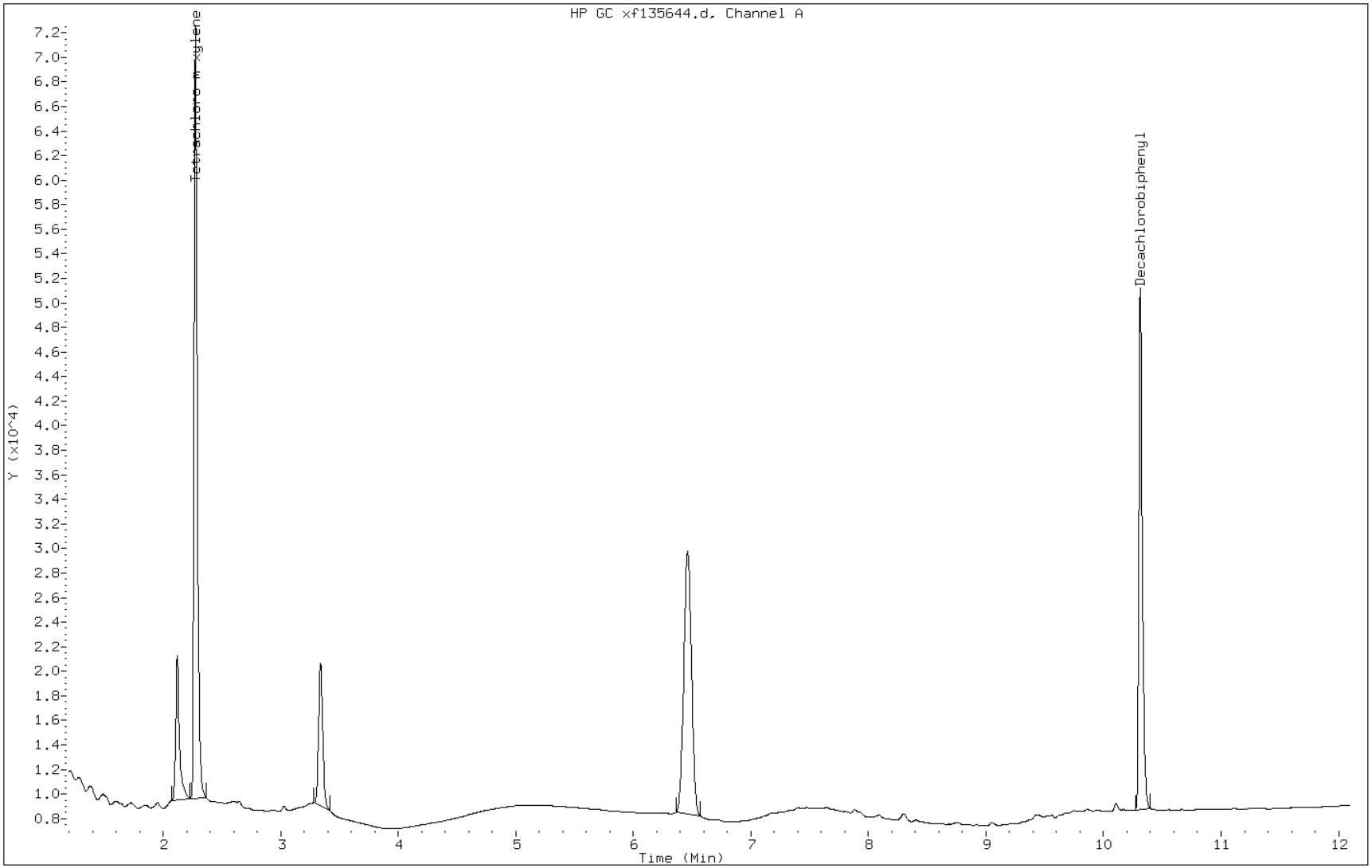
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	116850	33.4655	26	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	85699	37.0904	29	80.00- 120.00	100.00

Data File: xf135644.d

Date: 02-JUL-2012 13:23

Client ID: SF-29 Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-I Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: xr135644.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) | Date Analyzed: 07/02/2012 13:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.9	1.7
319-84-6	alpha-BHC	1.5	U	7.9	1.5
319-85-7	beta-BHC	1.1	U	7.9	1.1
319-86-8	delta-BHC	1.2	U	7.9	1.2
58-89-9	gamma-BHC (Lindane)	0.92	U	7.9	0.92
57-74-9	Chlordane	17	U	79	17
72-54-8	4,4'-DDD	0.95	U	7.9	0.95
72-55-9	4,4'-DDE	1.5	U	7.9	1.5
50-29-3	4,4'-DDT	0.99	U	7.9	0.99
60-57-1	Dieldrin	1.5	U	7.9	1.5
959-98-8	Endosulfan I	1.7	U	7.9	1.7
33213-65-9	Endosulfan II	1.2	U	7.9	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.9	1.0
72-20-8	Endrin	1.1	U	7.9	1.1
7421-93-4	Endrin aldehyde	2.0	U	7.9	2.0
53494-70-5	Endrin ketone	1.2	U	7.9	1.2
76-44-8	Heptachlor	1.1	U	7.9	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.9	1.6
72-43-5	Methoxychlor	0.89	U	7.9	0.89
8001-35-2	Toxaphene	17	U	79	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		40-150
2051-24-3	DCB Decachlorobiphenyl	80		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135644.d
Lab Smp Id: 460-41730-E-5-I Client Smp ID: SF-29
Inj Date : 02-JUL-2012 13:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-I
Misc Info : 460-41730-E-5-I
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

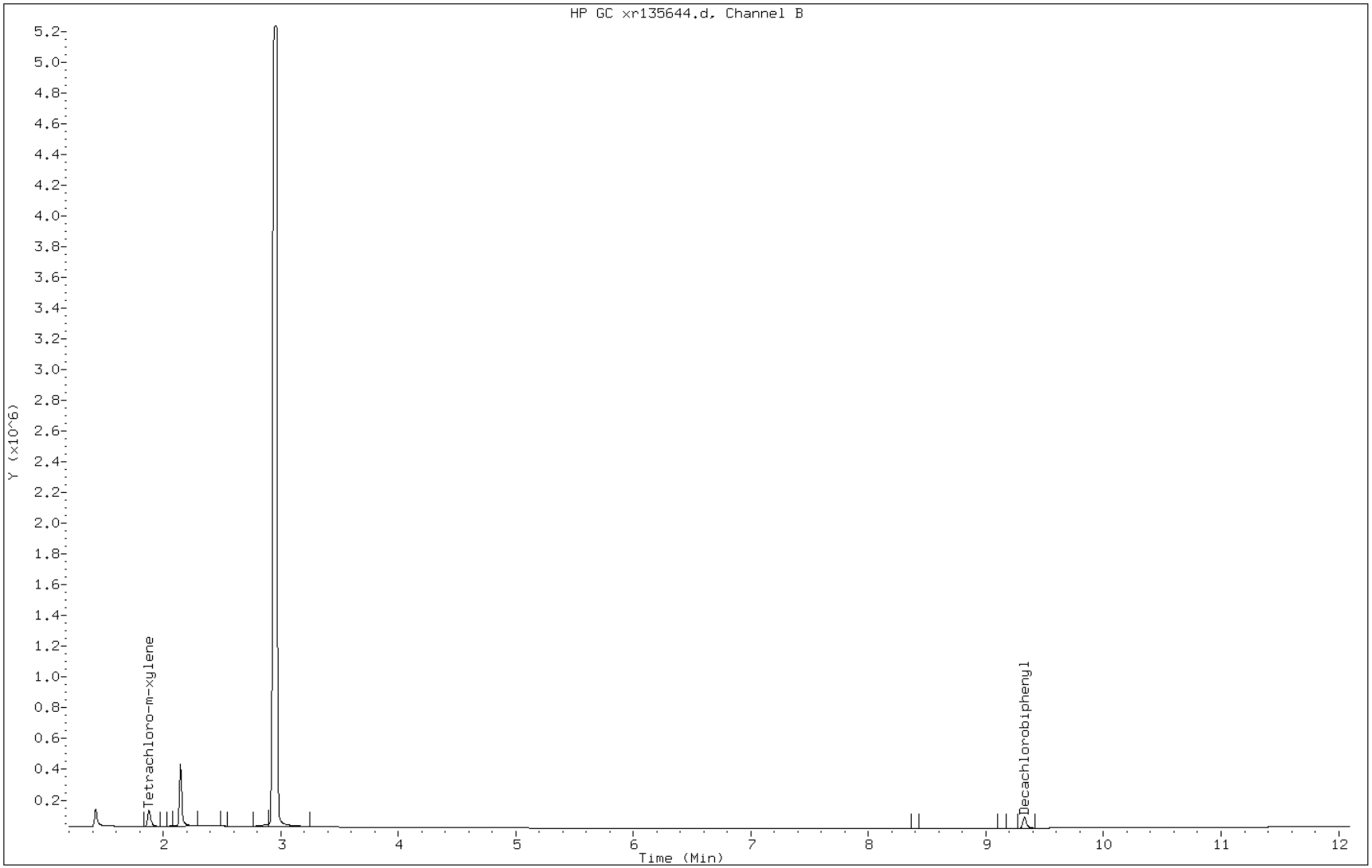
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	196353	32.3514	25	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	150821	39.8621	31	80.00- 120.00	100.00

Data File: xr135644.d

Date: 02-JUL-2012 13:23

Client ID: SF-29 Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-I Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 Lab Sample ID: 460-41730-6

Matrix: Solid Lab File ID: xf135645.d

Analysis Method: 8081A Date Collected: 06/25/2012 13:45

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 13:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-150
2051-24-3	DCB Decachlorobiphenyl	86		53-150

Data File: xf135645.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135645.d
Lab Smp Id: 460-41730-E-6-D Client Smp ID: SF-30
Inj Date : 02-JUL-2012 13:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-6-D
Misc Info : 460-41730-E-6-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	12.38616	% Moisture

Cpnd Variable Local Compound Variable

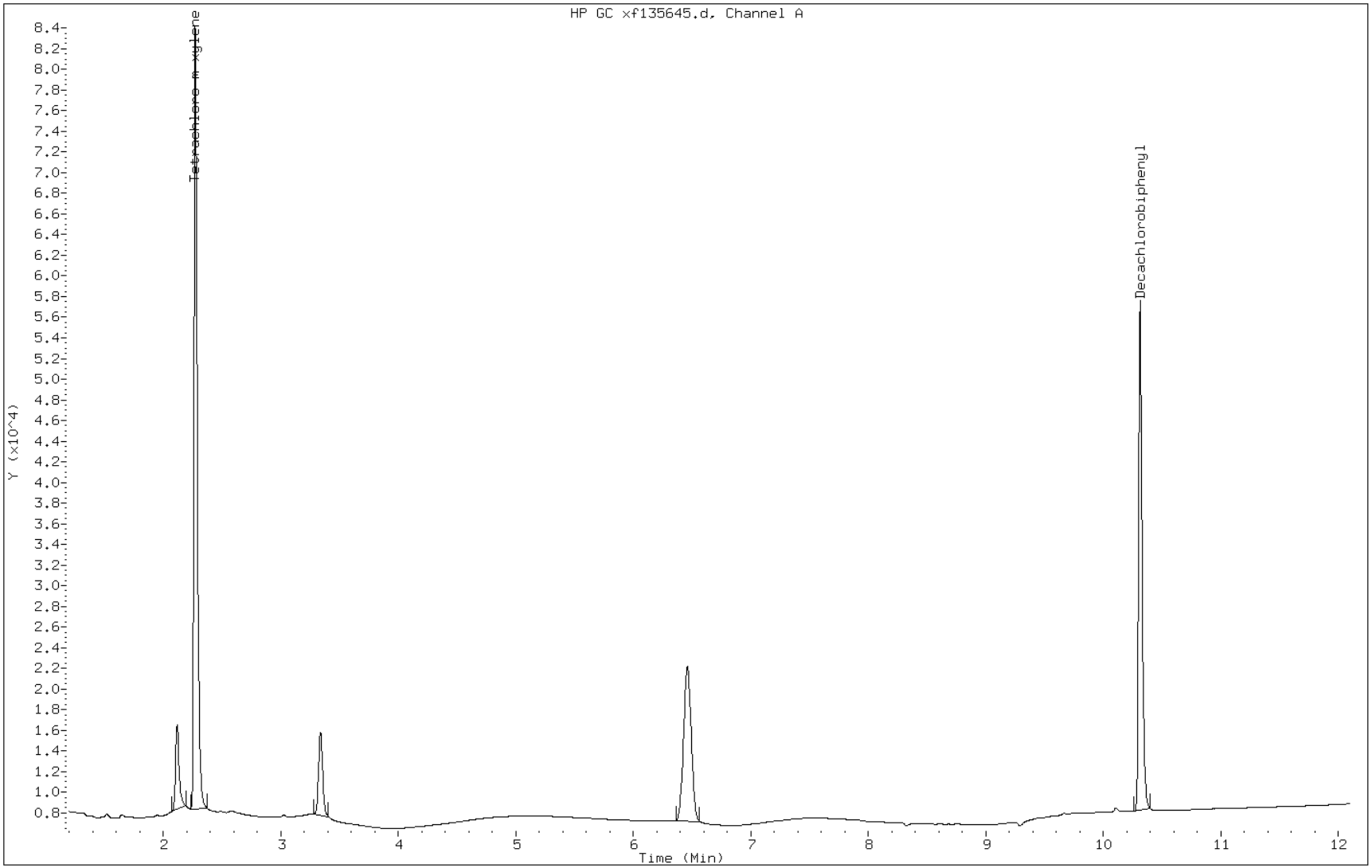
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	141368	40.4874	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	99610	43.1110	33	80.00- 120.00	100.00

Data File: xf135645.d

Date: 02-JUL-2012 13:37

Client ID: SF-30 Instrument: PESTGC1.i

Sample Info: 460-41730-E-6-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: xr135645.d

Analysis Method: 8081A | Date Collected: 06/25/2012 13:45

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 13:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.89	U	7.6	0.89
57-74-9	Chlordane	17	U	76	17
72-54-8	4,4'-DDD	0.91	U	7.6	0.91
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.96	U	7.6	0.96
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.2	U	7.6	1.2
1031-07-8	Endosulfan sulfate	0.98	U	7.6	0.98
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.86	U	7.6	0.86
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-150
2051-24-3	DCB Decachlorobiphenyl	94		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135645.d
Lab Smp Id: 460-41730-E-6-D Client Smp ID: SF-30
Inj Date : 02-JUL-2012 13:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-6-D
Misc Info : 460-41730-E-6-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	12.38616	% Moisture

Cpnd Variable Local Compound Variable

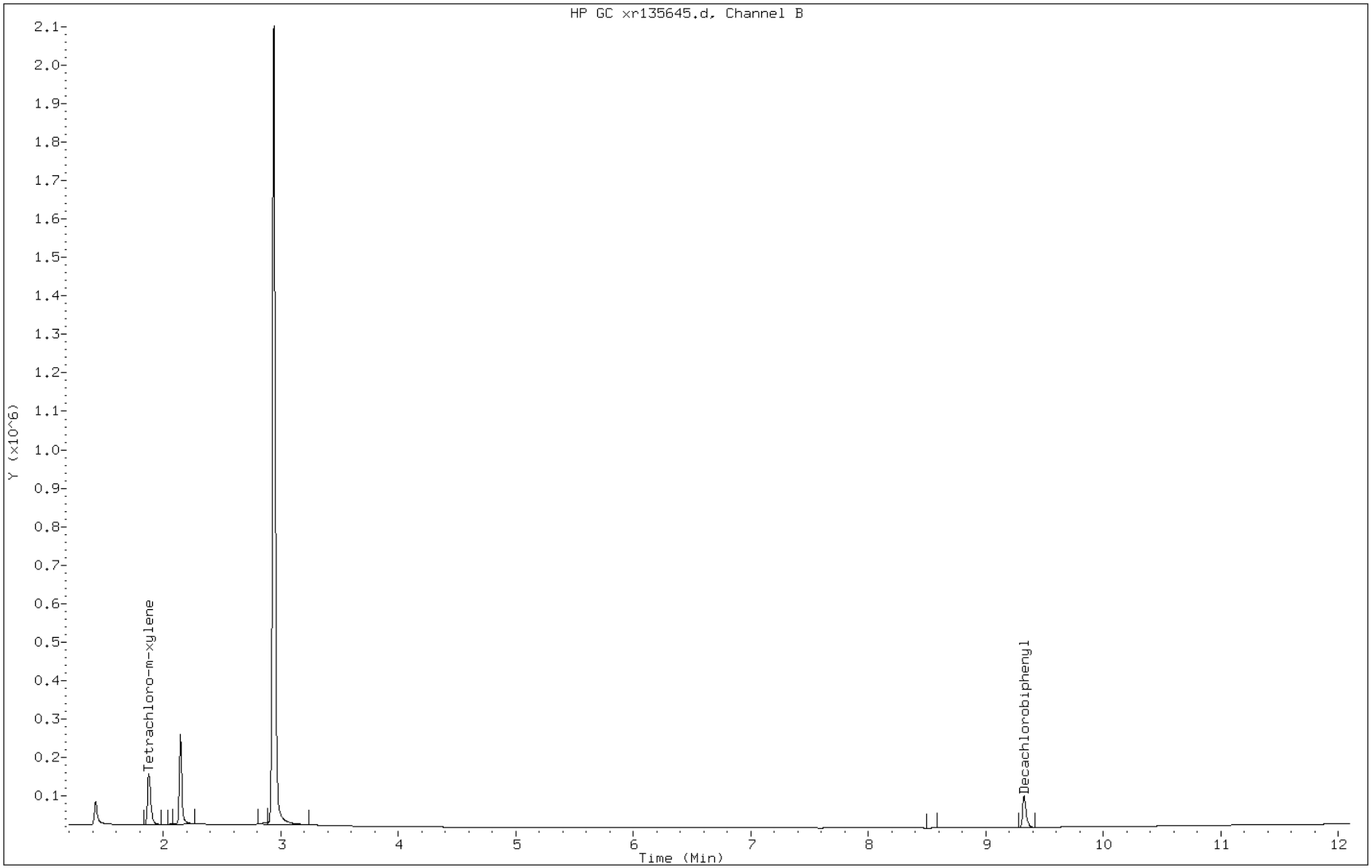
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	247167	40.7236	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	177052	46.7949	36	80.00- 120.00	100.00

Data File: xr135645.d

Date: 02-JUL-2012 13:37

Client ID: SF-30 Instrument: PESTGC1.i

Sample Info: 460-41730-E-6-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 Lab Sample ID: 460-41730-7

Matrix: Solid Lab File ID: xf135646.d

Analysis Method: 8081A Date Collected: 06/26/2012 08:40

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) Date Analyzed: 07/02/2012 13:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

Data File: xf135646.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135646.d
Lab Smp Id: 460-41730-E-7-D Client Smp ID: SF-31
Inj Date : 02-JUL-2012 13:51
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-7-D
Misc Info : 460-41730-E-7-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	14.31335	% Moisture

Cpnd Variable Local Compound Variable

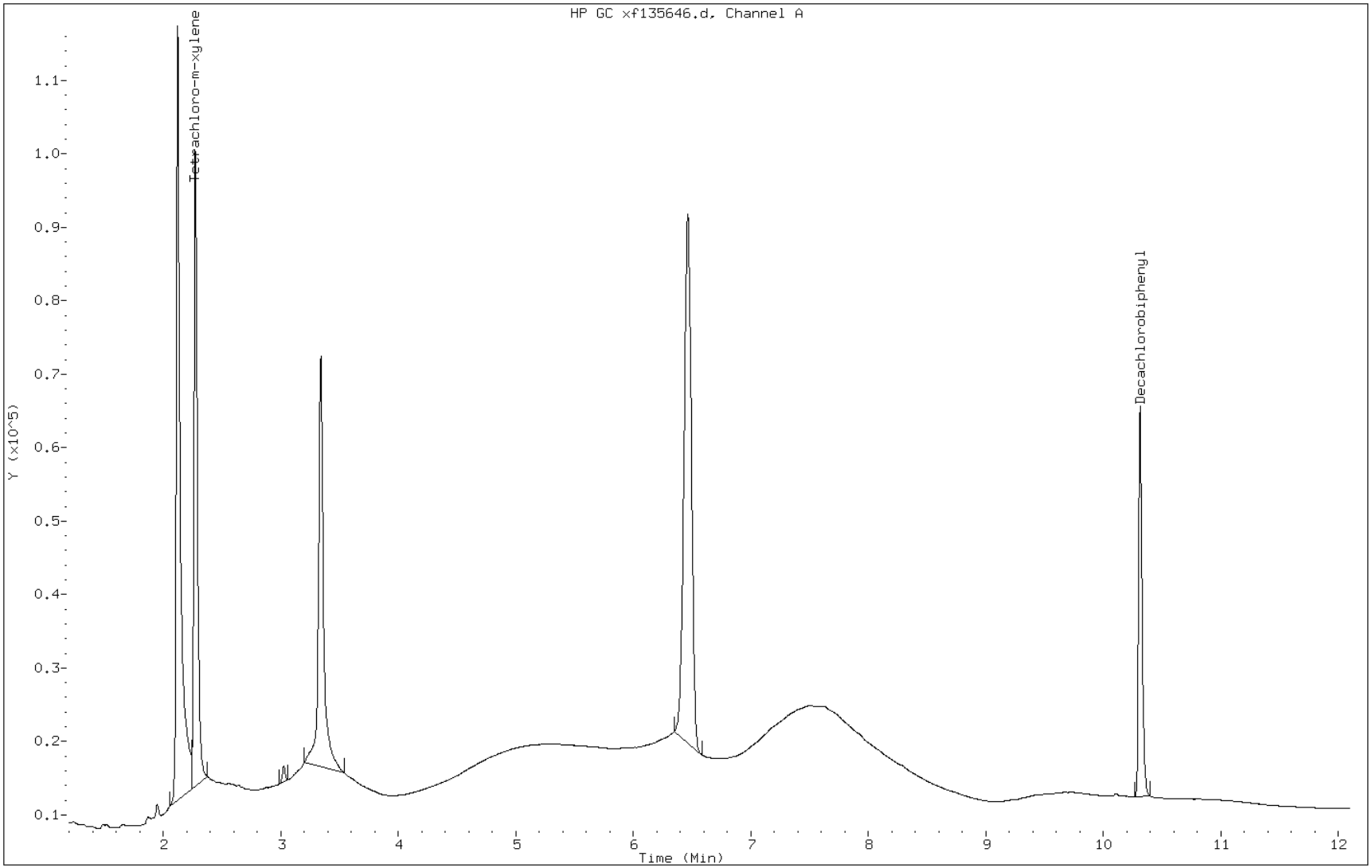
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	172490	49.4007	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	107342	46.4574	36	80.00- 120.00	100.00

Data File: xf135646.d

Date: 02-JUL-2012 13:51

Client ID: SF-31 Instrument: PESTGC1.i

Sample Info: 460-41730-E-7-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: xr135646.d

Analysis Method: 8081A | Date Collected: 06/26/2012 08:40

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) | Date Analyzed: 07/02/2012 13:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.4	U	7.8	1.4
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-54-8	4,4'-DDD	0.93	U	7.8	0.93
72-55-9	4,4'-DDE	1.5	U	7.8	1.5
50-29-3	4,4'-DDT	0.98	U	7.8	0.98
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.6	U	7.8	1.6
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.8	1.9
53494-70-5	Endrin ketone	1.2	U	7.8	1.2
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.87	U	7.8	0.87
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		40-150
2051-24-3	DCB Decachlorobiphenyl	100		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135646.d
Lab Smp Id: 460-41730-E-7-D Client Smp ID: SF-31
Inj Date : 02-JUL-2012 13:51
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-7-D
Misc Info : 460-41730-E-7-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	14.31335	% Moisture

Cpnd Variable Local Compound Variable

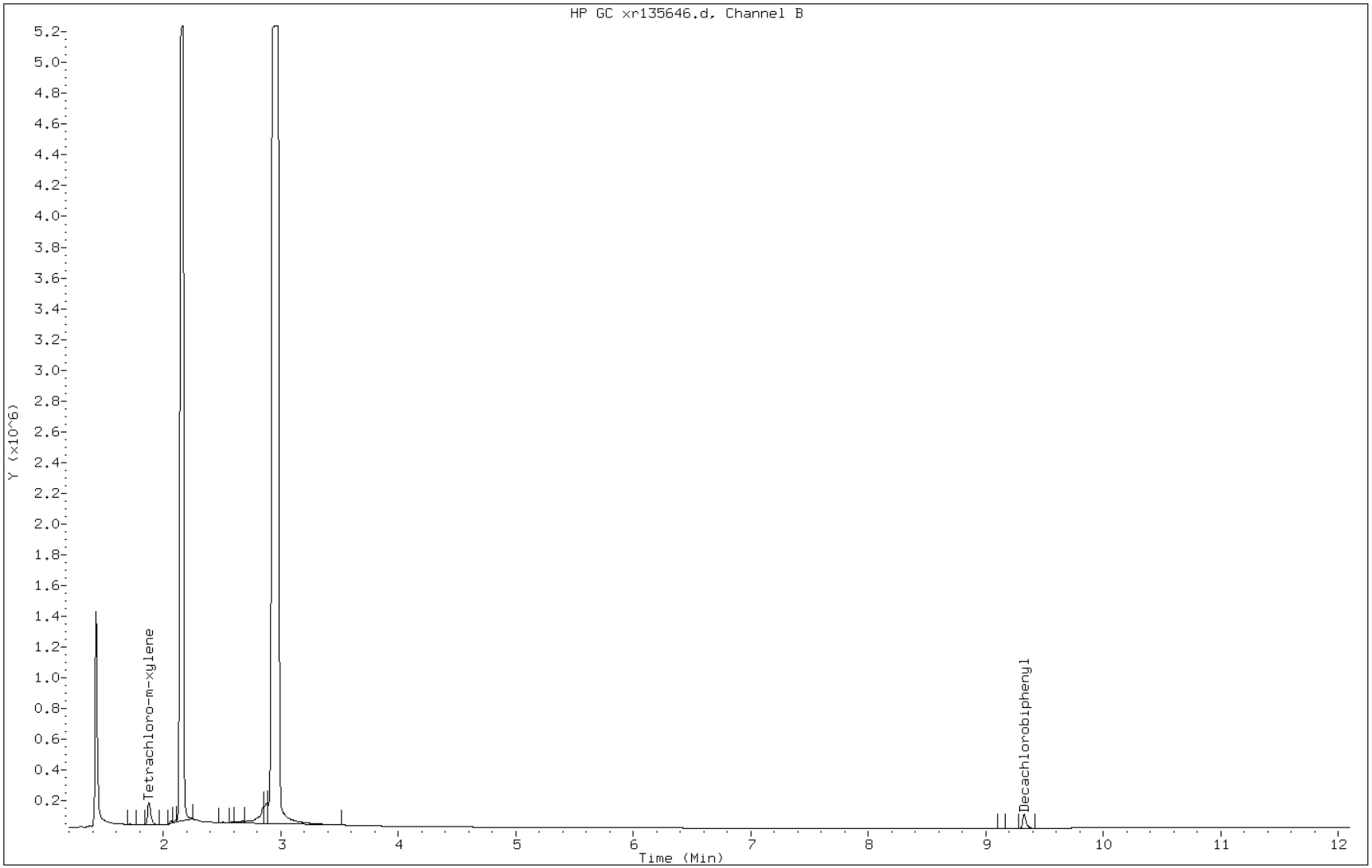
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	261439	43.0751	33	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	188514	49.8243	39	80.00- 120.00	100.00

Data File: xr135646.d

Date: 02-JUL-2012 13:51

Client ID: SF-31 Instrument: PESTGC1.i

Sample Info: 460-41730-E-7-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 Lab Sample ID: 460-41730-8

Matrix: Solid Lab File ID: xf135647.d

Analysis Method: 8081A Date Collected: 06/26/2012 09:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) Date Analyzed: 07/02/2012 14:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 29.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-150
2051-24-3	DCB Decachlorobiphenyl	85		53-150

Data File: xf135647.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135647.d
Lab Smp Id: 460-41730-E-8-D Client Smp ID: SF-32
Inj Date : 02-JUL-2012 14:05
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-8-D
Misc Info : 460-41730-E-8-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	29.37626	% Moisture

Cpnd Variable Local Compound Variable

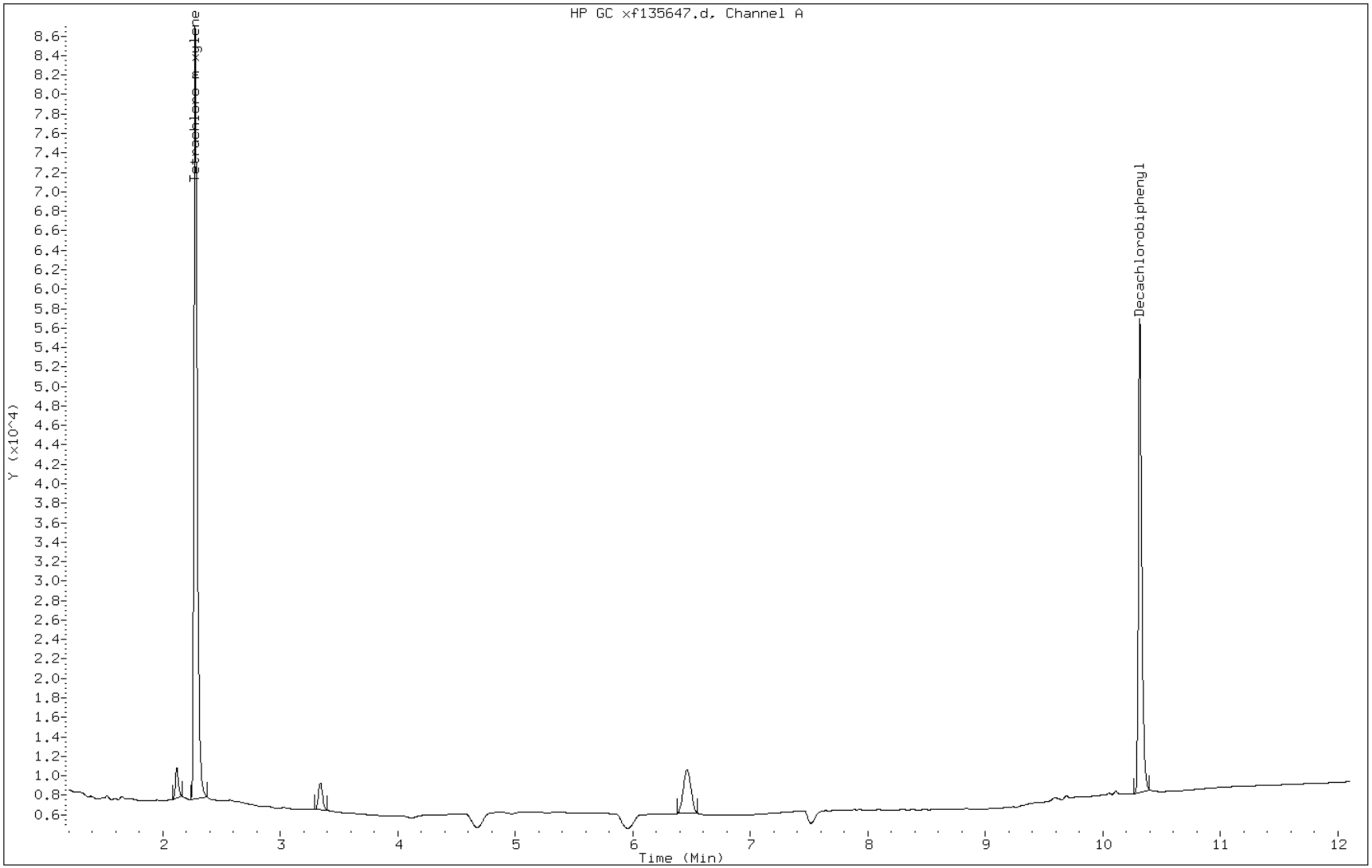
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	147673	42.2932	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	97691	42.2805	40	80.00- 120.00	100.00

Data File: xf135647.d

Date: 02-JUL-2012 14:05

Client ID: SF-32 Instrument: PESTGC1.i

Sample Info: 460-41730-E-8-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Matrix: Solid | Lab File ID: xr135647.d

Analysis Method: 8081A | Date Collected: 06/26/2012 09:30

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) | Date Analyzed: 07/02/2012 14:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 29.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.1	U	9.5	2.1
319-84-6	alpha-BHC	1.8	U	9.5	1.8
319-85-7	beta-BHC	1.3	U	9.5	1.3
319-86-8	delta-BHC	1.4	U	9.5	1.4
58-89-9	gamma-BHC (Lindane)	1.1	U	9.5	1.1
57-74-9	Chlordane	21	U	95	21
72-54-8	4,4'-DDD	1.1	U	9.5	1.1
72-55-9	4,4'-DDE	1.8	U	9.5	1.8
50-29-3	4,4'-DDT	1.2	U	9.5	1.2
60-57-1	Dieldrin	1.8	U	9.5	1.8
959-98-8	Endosulfan I	2.0	U	9.5	2.0
33213-65-9	Endosulfan II	1.4	U	9.5	1.4
1031-07-8	Endosulfan sulfate	1.2	U	9.5	1.2
72-20-8	Endrin	1.3	U	9.5	1.3
7421-93-4	Endrin aldehyde	2.4	U	9.5	2.4
53494-70-5	Endrin ketone	1.4	U	9.5	1.4
76-44-8	Heptachlor	1.4	U	9.5	1.4
1024-57-3	Heptachlor epoxide	1.9	U	9.5	1.9
72-43-5	Methoxychlor	1.1	U	9.5	1.1
8001-35-2	Toxaphene	20	U	95	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135647.d
Lab Smp Id: 460-41730-E-8-D Client Smp ID: SF-32
Inj Date : 02-JUL-2012 14:05
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-8-D
Misc Info : 460-41730-E-8-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	29.37626	% Moisture

Cpnd Variable Local Compound Variable

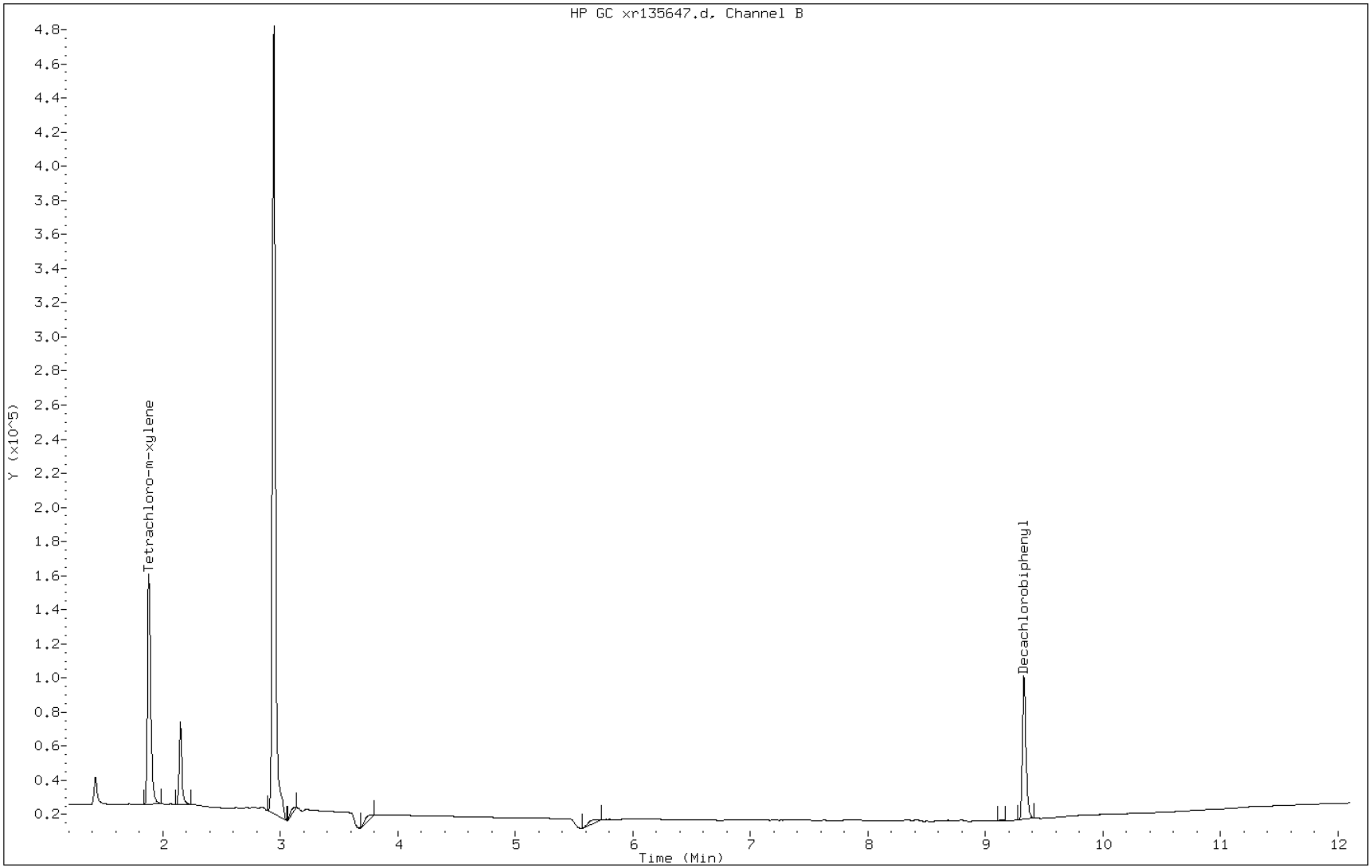
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	251465	41.4318	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	176609	46.6778	44	80.00- 120.00	100.00

Data File: xr135647.d

Date: 02-JUL-2012 14:05

Client ID: SF-32 Instrument: PESTGC1.i

Sample Info: 460-41730-E-8-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 Lab Sample ID: 460-41730-9

Matrix: Solid Lab File ID: xf135648.d

Analysis Method: 8081A Date Collected: 06/26/2012 10:15

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 14:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-150
2051-24-3	DCB Decachlorobiphenyl	89		53-150

Data File: xf135648.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135648.d
Lab Smp Id: 460-41730-E-9-D Client Smp ID: SF-33
Inj Date : 02-JUL-2012 14:19
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-9-D
Misc Info : 460-41730-E-9-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	11.59696	% Moisture

Cpnd Variable Local Compound Variable

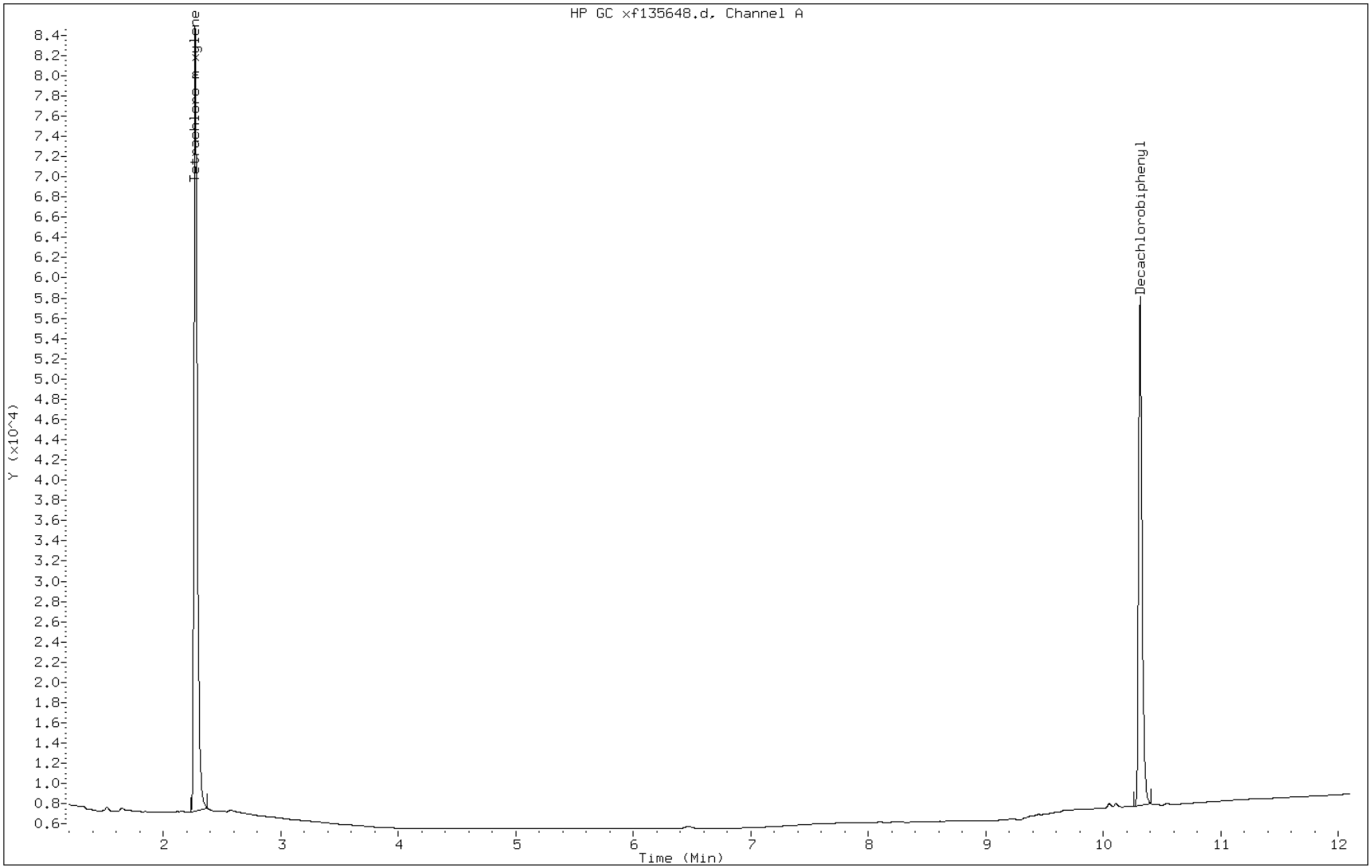
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	145184	41.5803	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	102368	44.3047	33	80.00- 120.00	100.00

Data File: xf135648.d

Date: 02-JUL-2012 14:19

Client ID: SF-33 Instrument: PESTGC1.i

Sample Info: 460-41730-E-9-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: xr135648.d

Analysis Method: 8081A | Date Collected: 06/26/2012 10:15

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 14:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.88	U	7.6	0.88
57-74-9	Chlordane	16	U	76	16
72-54-8	4,4'-DDD	0.90	U	7.6	0.90
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.95	U	7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.97	U	7.6	0.97
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-150
2051-24-3	DCB Decachlorobiphenyl	97		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135648.d
Lab Smp Id: 460-41730-E-9-D Client Smp ID: SF-33
Inj Date : 02-JUL-2012 14:19
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-9-D
Misc Info : 460-41730-E-9-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	11.59696	% Moisture

Cpnd Variable Local Compound Variable

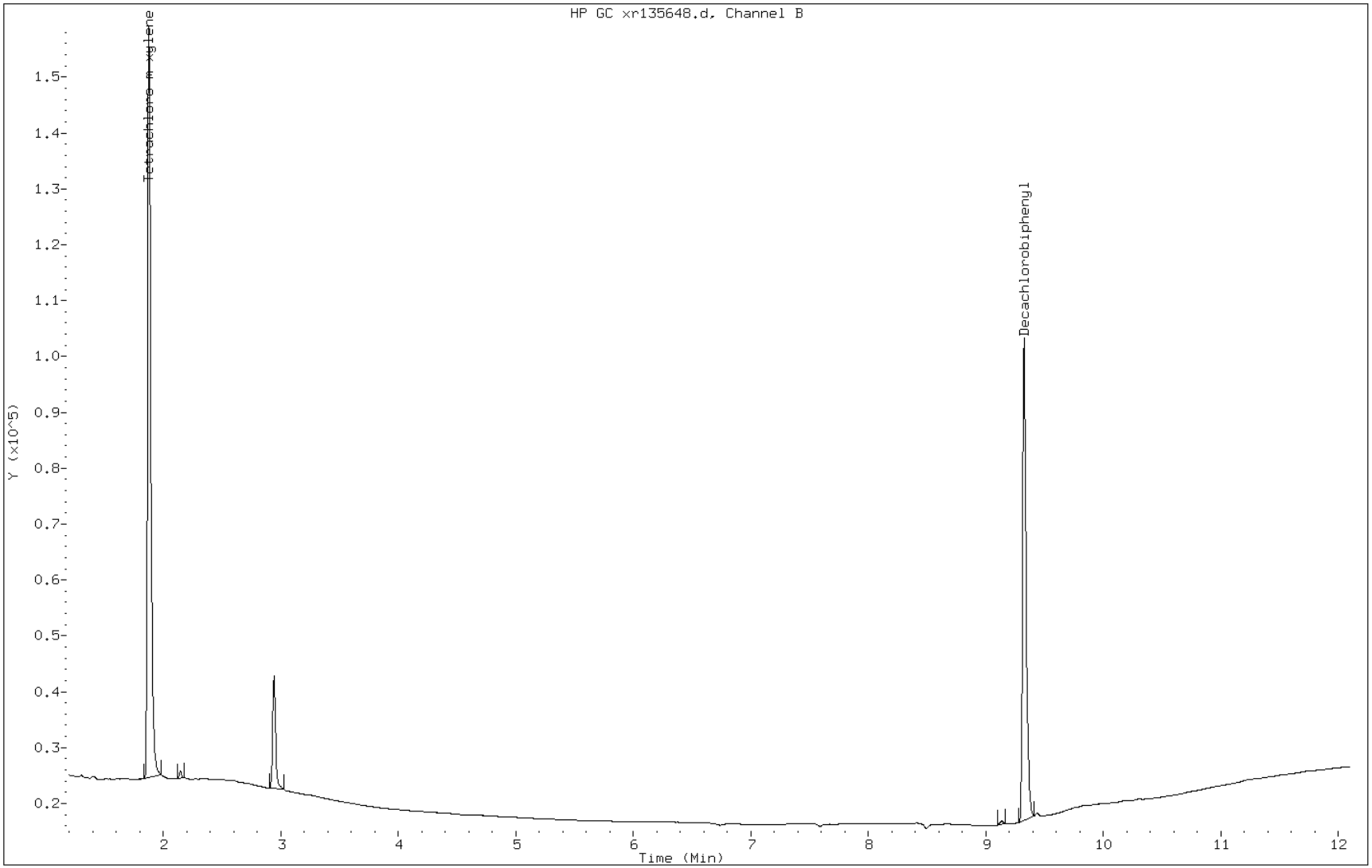
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	252049	41.5280	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	182990	48.3643	36	80.00- 120.00	100.00

Data File: xr135648.d

Date: 02-JUL-2012 14:19

Client ID: SF-33 Instrument: PESTGC1.i

Sample Info: 460-41730-E-9-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H Lab Sample ID: 460-41730-10

Matrix: Solid Lab File ID: xf135649.d

Analysis Method: 8081A Date Collected: 06/25/2012 00:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 14:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-150
2051-24-3	DCB Decachlorobiphenyl	85		53-150

Data File: xf135649.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135649.d
Lab Smp Id: 460-41730-E-10-D Client Smp ID: FD-H
Inj Date : 02-JUL-2012 14:32
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-10-D
Misc Info : 460-41730-E-10-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	14.64355	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	147099	42.1288	33	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	98661	42.7003	33	80.00- 120.00	100.00

Data File: xf135649.d

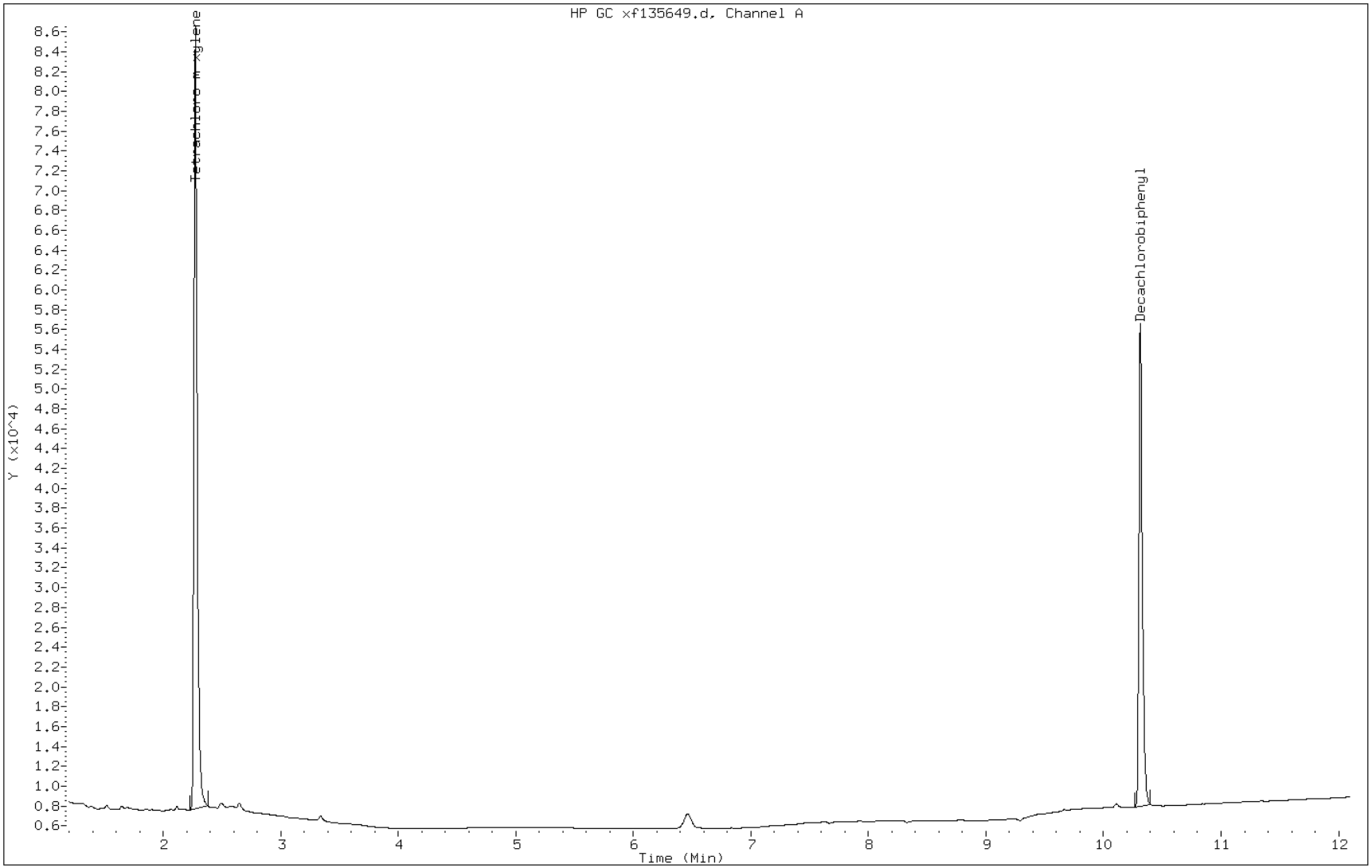
Date: 02-JUL-2012 14:32

Client ID: FD-H

Instrument: PESTGC1.i

Sample Info: 460-41730-E-10-D

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: xr135649.d

Analysis Method: 8081A | Date Collected: 06/25/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 14:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.5	U	7.8	1.5
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-54-8	4,4'-DDD	0.94	U	7.8	0.94
72-55-9	4,4'-DDE	1.5	U	7.8	1.5
50-29-3	4,4'-DDT	0.98	U	7.8	0.98
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.7	U	7.8	1.7
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	2.0	U	7.8	2.0
53494-70-5	Endrin ketone	1.2	U	7.8	1.2
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.88	U	7.8	0.88
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-150
2051-24-3	DCB Decachlorobiphenyl	94		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135649.d
Lab Smp Id: 460-41730-E-10-D Client Smp ID: FD-H
Inj Date : 02-JUL-2012 14:32
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-10-D
Misc Info : 460-41730-E-10-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	14.64355	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.877	1.880	-0.003	253986	41.8471	33	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	177711	46.9691	37	80.00- 120.00	100.00

Data File: xr135649.d

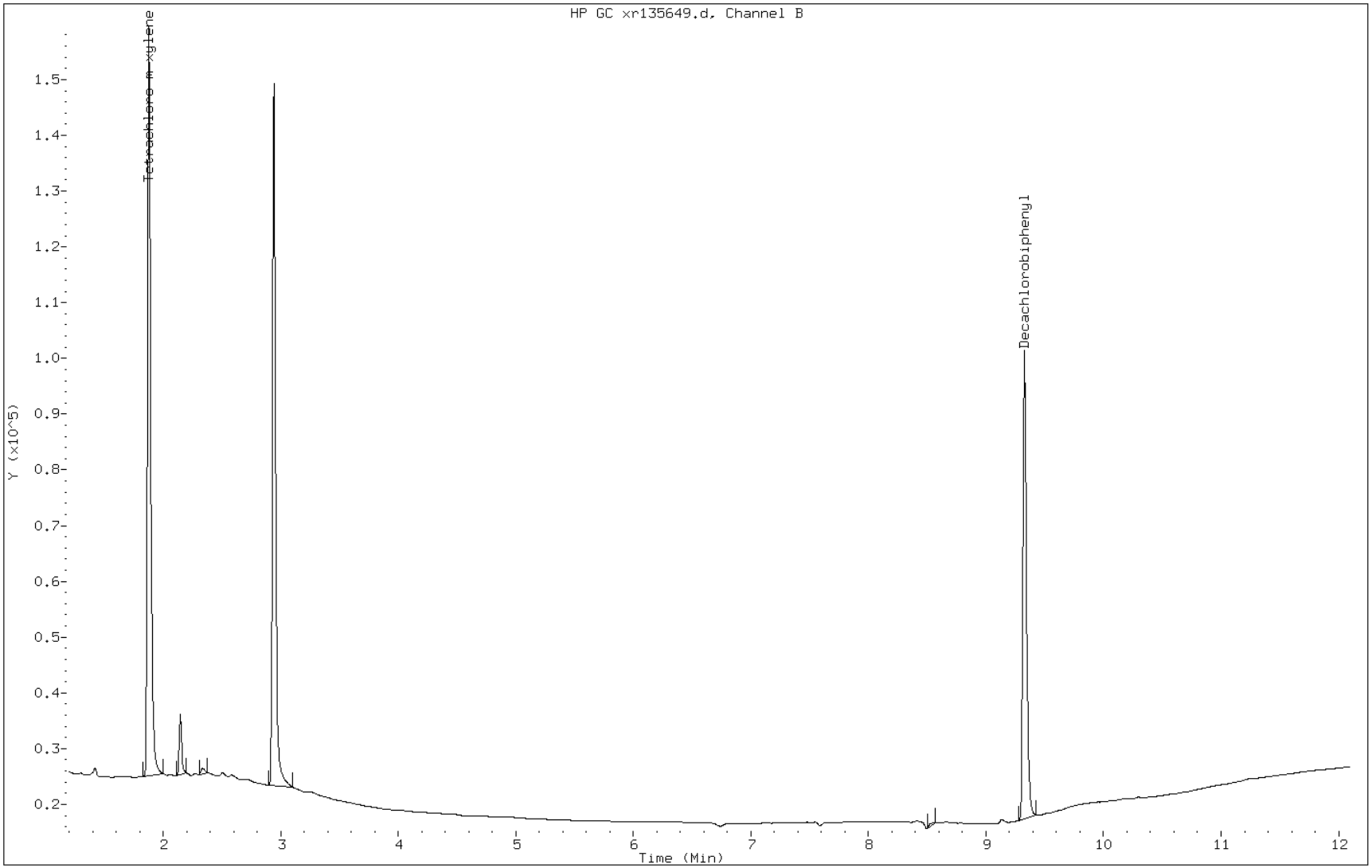
Date: 02-JUL-2012 14:32

Client ID: FD-H

Instrument: PESTGC1.i

Sample Info: 460-41730-E-10-D

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 Lab Sample ID: 460-41730-11

Matrix: Solid Lab File ID: xf135650.d

Analysis Method: 8081A Date Collected: 06/25/2012 10:38

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 14:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		40-150
2051-24-3	DCB Decachlorobiphenyl	103		53-150

Data File: xf135650.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135650.d
Lab Smp Id: 460-41730-E-11-D Client Smp ID: F-17
Inj Date : 02-JUL-2012 14:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-11-D
Misc Info : 460-41730-E-11-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	6.62021	% Moisture

Cpnd Variable Local Compound Variable

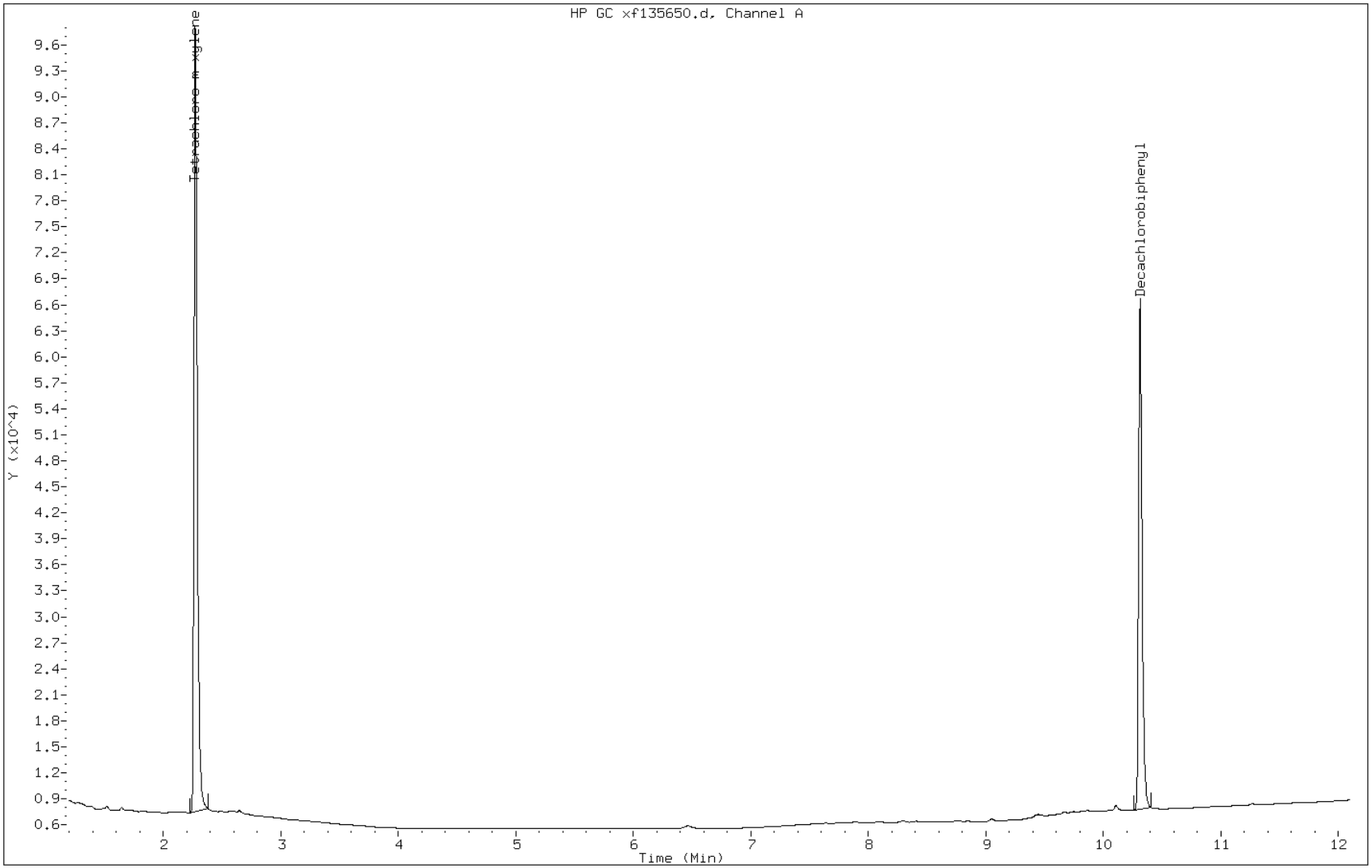
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	169982	48.6824	35	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	119062	51.5298	37	80.00- 120.00	100.00

Data File: xf135650.d

Date: 02-JUL-2012 14:46

Client ID: F-17 Instrument: PESTGC1.i

Sample Info: 460-41730-E-11-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Matrix: Solid | Lab File ID: xr135650.d

Analysis Method: 8081A | Date Collected: 06/25/2012 10:38

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 14:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.2	1.6
319-84-6	alpha-BHC	1.3	U	7.2	1.3
319-85-7	beta-BHC	0.97	U	7.2	0.97
319-86-8	delta-BHC	1.1	U	7.2	1.1
58-89-9	gamma-BHC (Lindane)	0.84	U	7.2	0.84
57-74-9	Chlordane	16	U	72	16
72-54-8	4,4'-DDD	0.86	U	7.2	0.86
72-55-9	4,4'-DDE	1.4	U	7.2	1.4
50-29-3	4,4'-DDT	0.90	U	7.2	0.90
60-57-1	Dieldrin	1.4	U	7.2	1.4
959-98-8	Endosulfan I	1.5	U	7.2	1.5
33213-65-9	Endosulfan II	1.1	U	7.2	1.1
1031-07-8	Endosulfan sulfate	0.92	U	7.2	0.92
72-20-8	Endrin	1.0	U	7.2	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.2	1.8
53494-70-5	Endrin ketone	1.1	U	7.2	1.1
76-44-8	Heptachlor	1.0	U	7.2	1.0
1024-57-3	Heptachlor epoxide	1.4	U	7.2	1.4
72-43-5	Methoxychlor	0.80	U	7.2	0.80
8001-35-2	Toxaphene	15	U	72	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-150
2051-24-3	DCB Decachlorobiphenyl	113		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135650.d
Lab Smp Id: 460-41730-E-11-D Client Smp ID: F-17
Inj Date : 02-JUL-2012 14:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-11-D
Misc Info : 460-41730-E-11-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	6.62021	% Moisture

Cpnd Variable Local Compound Variable

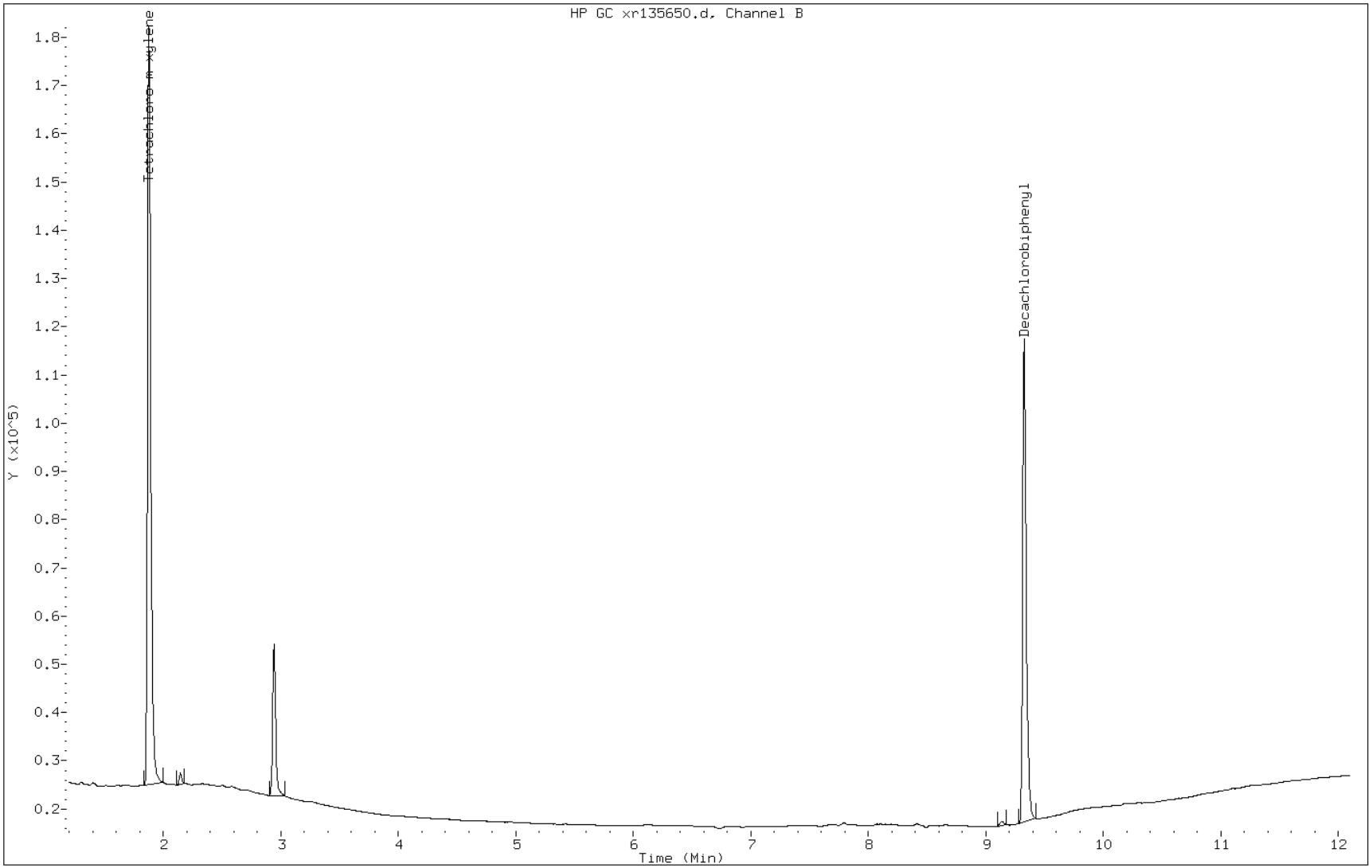
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	296019	48.7726	35	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	213526	56.4350	40	80.00- 120.00	100.00

Data File: xr135650.d

Date: 02-JUL-2012 14:46

Client ID: F-17 Instrument: PESTGC1.i

Sample Info: 460-41730-E-11-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 Lab Sample ID: 460-41730-12

Matrix: Solid Lab File ID: xf135651.d

Analysis Method: 8081A Date Collected: 06/25/2012 12:50

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 15:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

Data File: xf135651.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135651.d
Lab Smp Id: 460-41730-E-12-D Client Smp ID: F-18
Inj Date : 02-JUL-2012 15:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-12-D
Misc Info : 460-41730-E-12-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	8.90909	% Moisture

Cpnd Variable Local Compound Variable

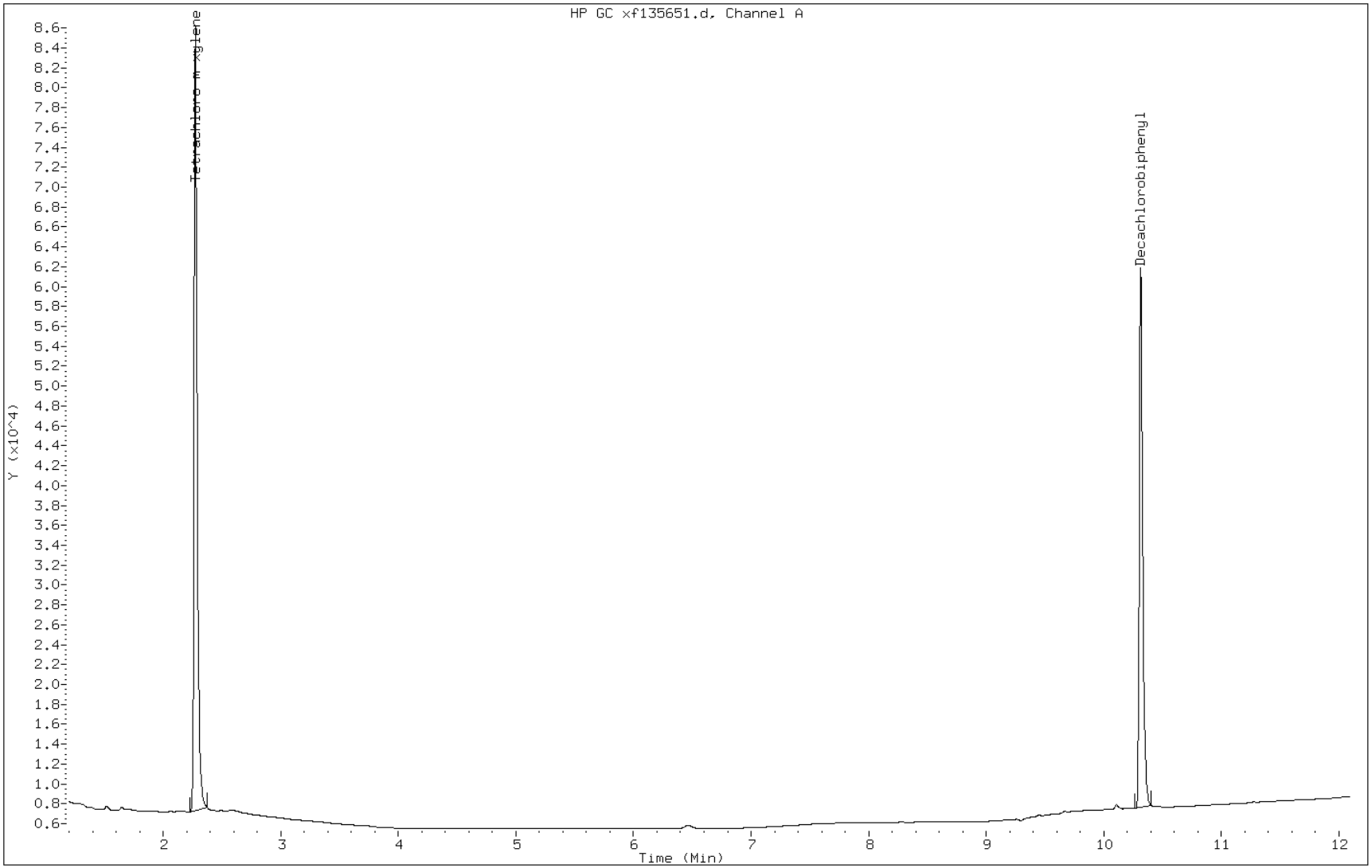
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	147029	42.1087	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	110158	47.6762	35	80.00- 120.00	100.00

Data File: xf135651.d

Date: 02-JUL-2012 15:00

Client ID: F-18 Instrument: PESTGC1.i

Sample Info: 460-41730-E-12-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: xr135651.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:50

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 15:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.4	1.6
319-84-6	alpha-BHC	1.4	U	7.4	1.4
319-85-7	beta-BHC	1.0	U	7.4	1.0
319-86-8	delta-BHC	1.1	U	7.4	1.1
58-89-9	gamma-BHC (Lindane)	0.86	U	7.4	0.86
57-74-9	Chlordane	16	U	74	16
72-54-8	4,4'-DDD	0.88	U	7.4	0.88
72-55-9	4,4'-DDE	1.4	U	7.4	1.4
50-29-3	4,4'-DDT	0.92	U	7.4	0.92
60-57-1	Dieldrin	1.4	U	7.4	1.4
959-98-8	Endosulfan I	1.5	U	7.4	1.5
33213-65-9	Endosulfan II	1.1	U	7.4	1.1
1031-07-8	Endosulfan sulfate	0.94	U	7.4	0.94
72-20-8	Endrin	1.0	U	7.4	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.4	1.8
53494-70-5	Endrin ketone	1.1	U	7.4	1.1
76-44-8	Heptachlor	1.1	U	7.4	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.4	1.5
72-43-5	Methoxychlor	0.82	U	7.4	0.82
8001-35-2	Toxaphene	15	U	74	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		40-150
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135651.d
Lab Smp Id: 460-41730-E-12-D Client Smp ID: F-18
Inj Date : 02-JUL-2012 15:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-12-D
Misc Info : 460-41730-E-12-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	8.90909	% Moisture

Cpnd Variable Local Compound Variable

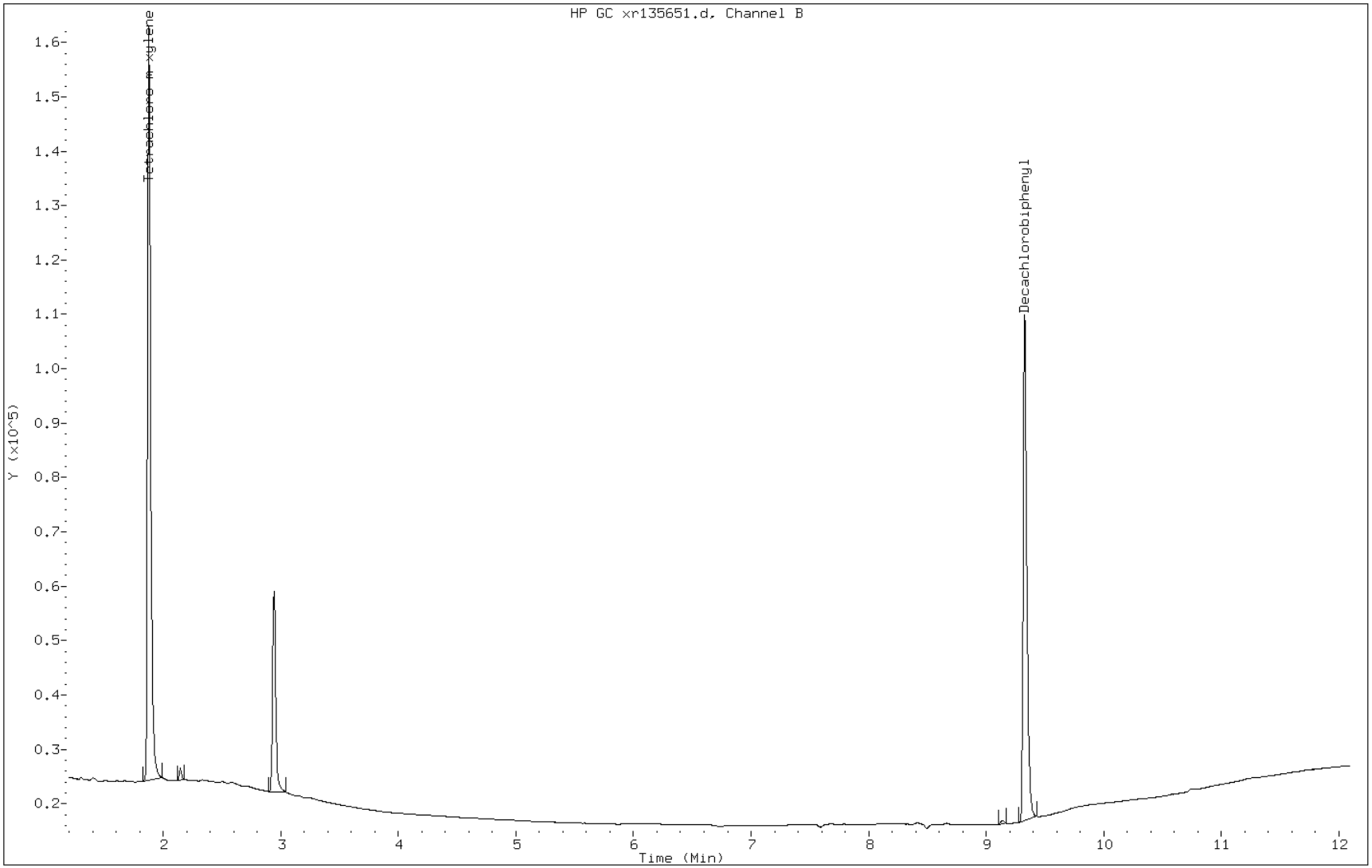
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.877	1.880	-0.003	261780	43.1313	32	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	198483	52.4591	38	80.00- 120.00	100.00

Data File: xr135651.d

Date: 02-JUL-2012 15:00

Client ID: F-18 Instrument: PESTGC1.i

Sample Info: 460-41730-E-12-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Matrix: Solid Lab File ID: xf135652.d

Analysis Method: 8081A Date Collected: 06/25/2012 12:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) Date Analyzed: 07/02/2012 15:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

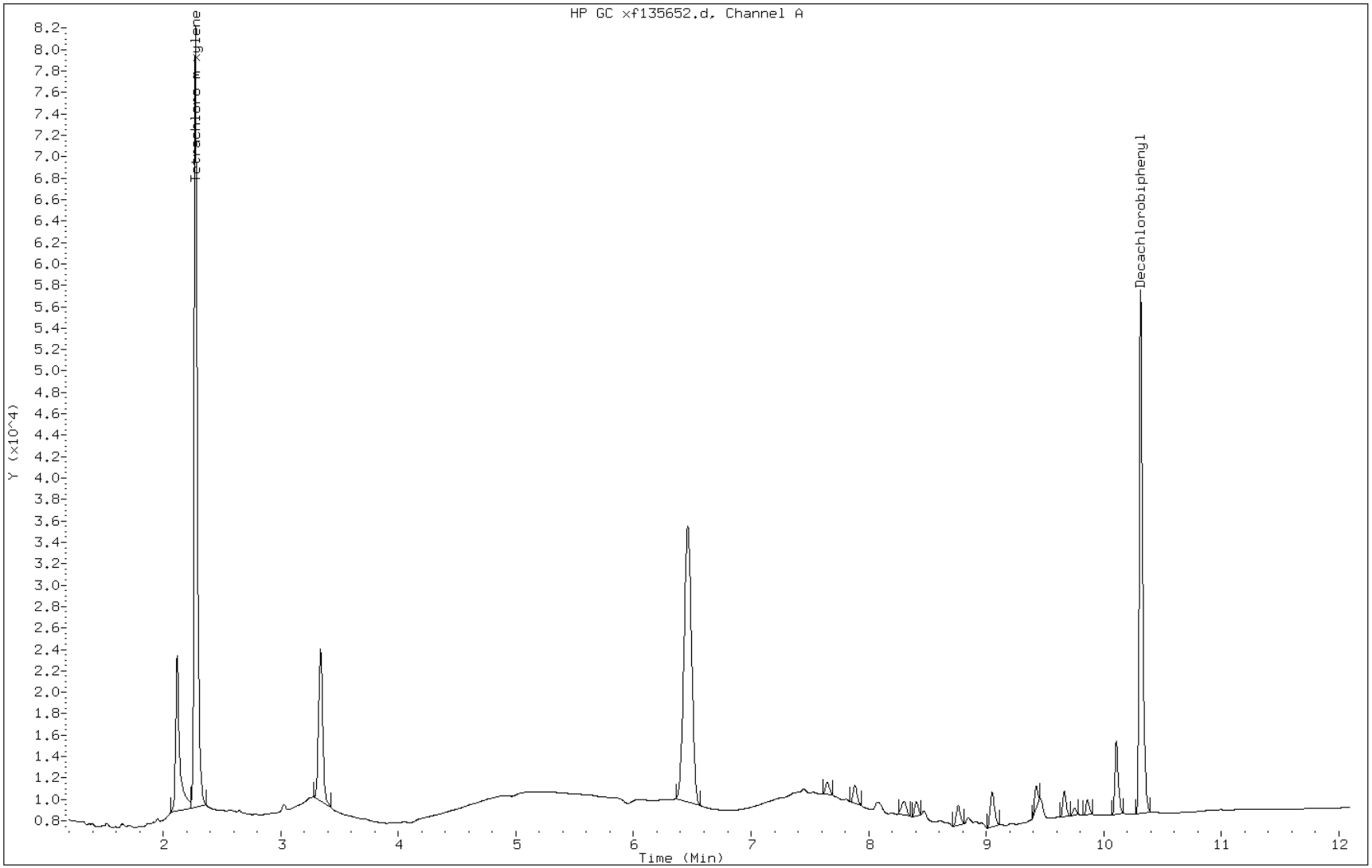
CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-150
2051-24-3	DCB Decachlorobiphenyl	84		53-150

Data File: xf135652.d

Date: 02-JUL-2012 15:14

Client ID: F-19 Instrument: PESTGC1.i

Sample Info: 460-41730-E-13-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Matrix: Solid | Lab File ID: xr135652.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:55

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 15:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.8	1.7
319-84-6	alpha-BHC	1.4	U	7.8	1.4
319-85-7	beta-BHC	1.1	U	7.8	1.1
319-86-8	delta-BHC	1.2	U	7.8	1.2
58-89-9	gamma-BHC (Lindane)	0.91	U	7.8	0.91
57-74-9	Chlordane	17	U	78	17
72-54-8	4,4'-DDD	0.93	U	7.8	0.93
72-55-9	4,4'-DDE	1.5	U	7.8	1.5
50-29-3	4,4'-DDT	0.98	U	7.8	0.98
60-57-1	Dieldrin	1.5	U	7.8	1.5
959-98-8	Endosulfan I	1.6	U	7.8	1.6
33213-65-9	Endosulfan II	1.2	U	7.8	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.8	1.0
72-20-8	Endrin	1.1	U	7.8	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.8	1.9
53494-70-5	Endrin ketone	1.1	U	7.8	1.1
76-44-8	Heptachlor	1.1	U	7.8	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.8	1.6
72-43-5	Methoxychlor	0.87	U	7.8	0.87
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-150
2051-24-3	DCB Decachlorobiphenyl	90		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135652.d
Lab Smp Id: 460-41730-E-13-D Client Smp ID: F-19
Inj Date : 02-JUL-2012 15:14
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-13-D
Misc Info : 460-41730-E-13-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	14.15771	% Moisture

Cpnd Variable Local Compound Variable

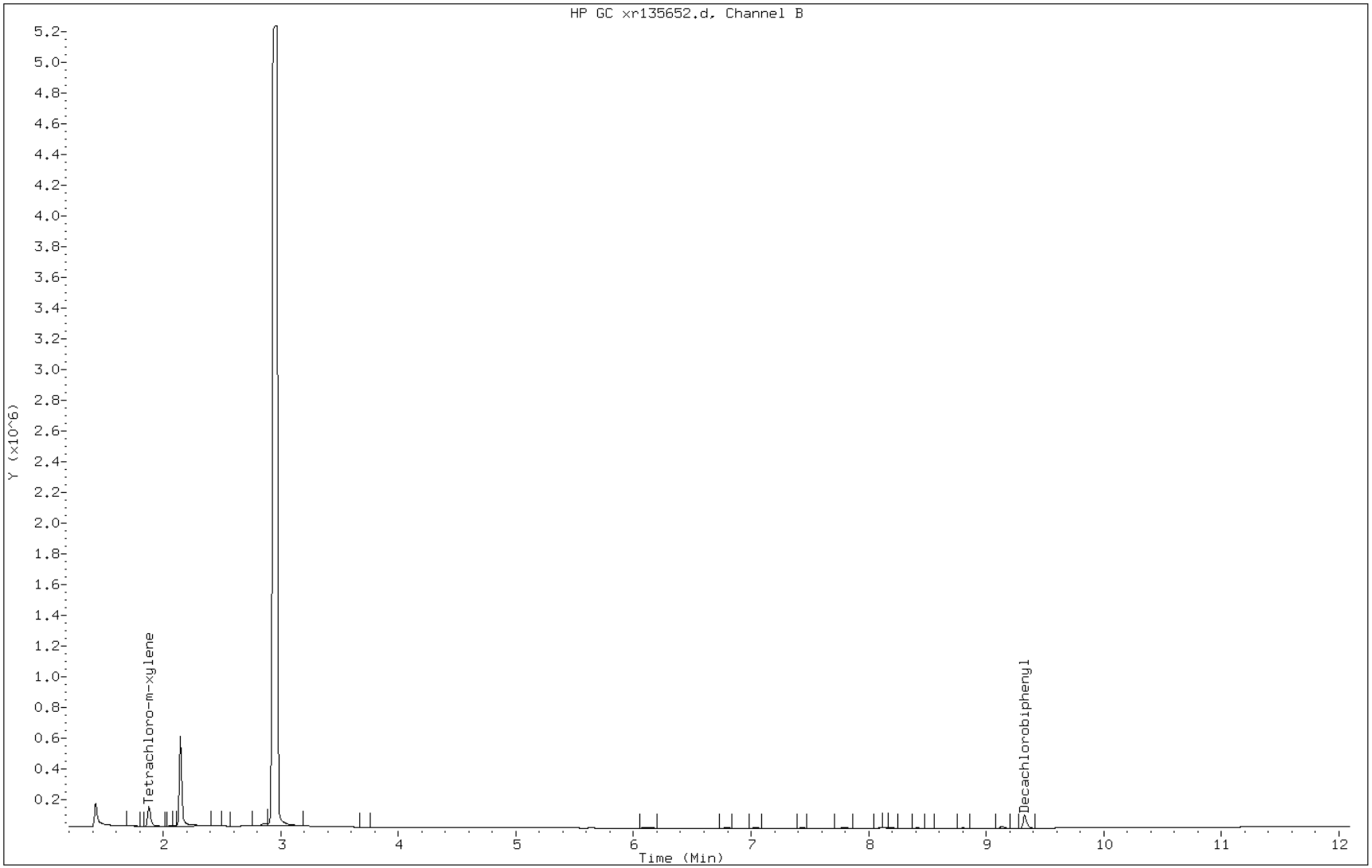
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	241446	39.7812	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	170672	45.1090	35	80.00- 120.00	100.00

Data File: xr135652.d

Date: 02-JUL-2012 15:14

Client ID: F-19 Instrument: PESTGC1.i

Sample Info: 460-41730-E-13-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 Lab Sample ID: 460-41730-14

Matrix: Solid Lab File ID: xf135653.d

Analysis Method: 8081A Date Collected: 06/25/2012 13:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) Date Analyzed: 07/02/2012 15:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-150
2051-24-3	DCB Decachlorobiphenyl	89		53-150

Data File: xf135653.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135653.d
Lab Smp Id: 460-41730-E-14-D Client Smp ID: F-20
Inj Date : 02-JUL-2012 15:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-14-D
Misc Info : 460-41730-E-14-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	15.56886	% Moisture

Cpnd Variable Local Compound Variable

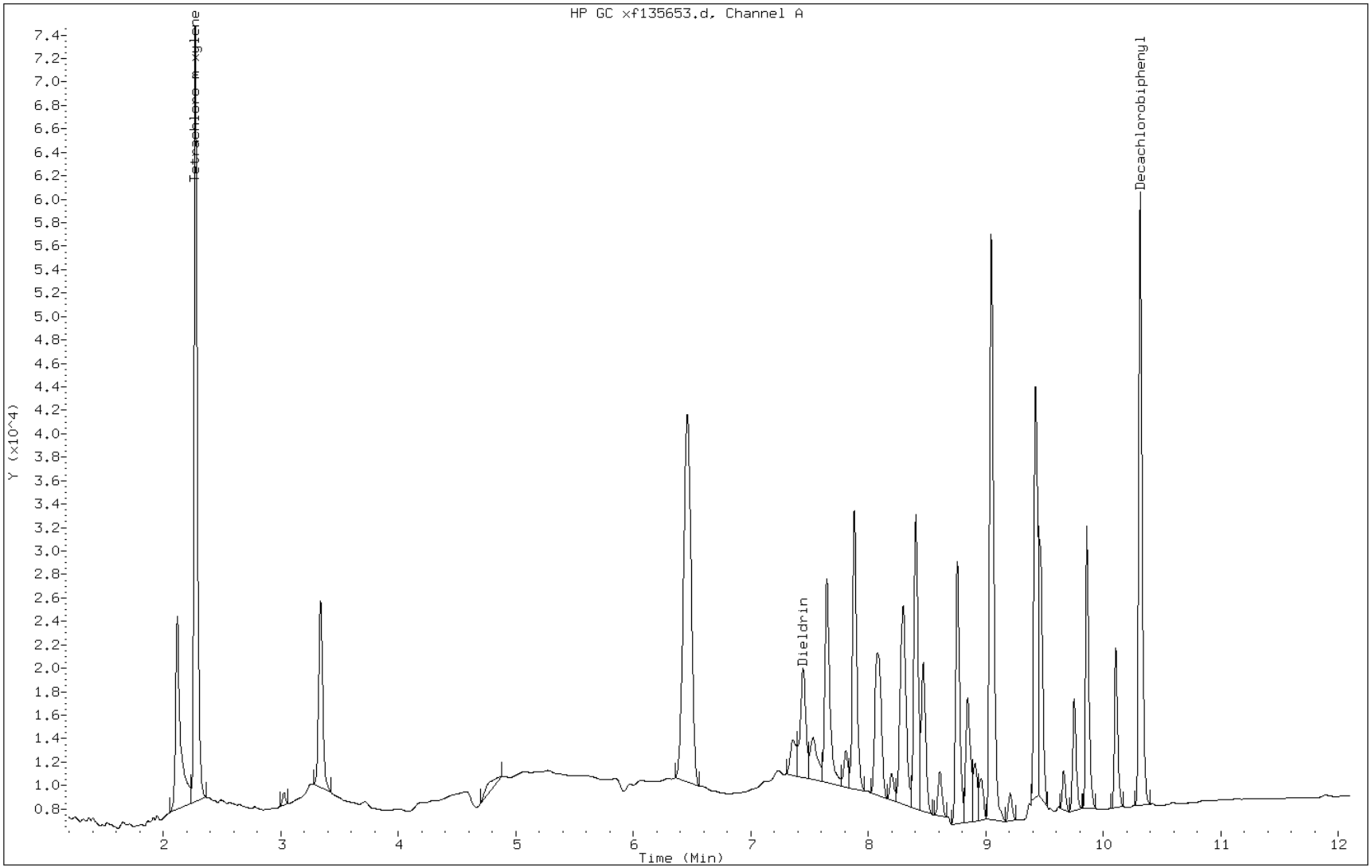
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	123340	35.3243	28	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	30391	8.63364	6.8	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	102423	44.3285	35	80.00- 120.00	100.00

Data File: xf135653.d

Date: 02-JUL-2012 15:28

Client ID: F-20 Instrument: PESTGC1.i

Sample Info: 460-41730-E-14-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Matrix: Solid | Lab File ID: xr135653.d

Analysis Method: 8081A | Date Collected: 06/25/2012 13:00

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) | Date Analyzed: 07/02/2012 15:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.9	1.7
319-84-6	alpha-BHC	1.5	U	7.9	1.5
319-85-7	beta-BHC	1.1	U	7.9	1.1
319-86-8	delta-BHC	1.2	U	7.9	1.2
58-89-9	gamma-BHC (Lindane)	0.92	U	7.9	0.92
57-74-9	Chlordane	17	U	79	17
72-54-8	4,4'-DDD	0.95	U	7.9	0.95
72-55-9	4,4'-DDE	1.5	U	7.9	1.5
50-29-3	4,4'-DDT	0.99	U	7.9	0.99
60-57-1	Dieldrin	9.0		7.9	1.5
959-98-8	Endosulfan I	1.7	U	7.9	1.7
33213-65-9	Endosulfan II	1.2	U	7.9	1.2
1031-07-8	Endosulfan sulfate	1.0	U	7.9	1.0
72-20-8	Endrin	1.1	U	7.9	1.1
7421-93-4	Endrin aldehyde	2.0	U	7.9	2.0
53494-70-5	Endrin ketone	1.2	U	7.9	1.2
76-44-8	Heptachlor	1.1	U	7.9	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.9	1.6
72-43-5	Methoxychlor	0.89	U	7.9	0.89
8001-35-2	Toxaphene	17	U	79	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		40-150
2051-24-3	DCB Decachlorobiphenyl	87		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135653.d
Lab Smp Id: 460-41730-E-14-D Client Smp ID: F-20
Inj Date : 02-JUL-2012 15:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-14-D
Misc Info : 460-41730-E-14-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	15.56886	% Moisture

Cpnd Variable Local Compound Variable

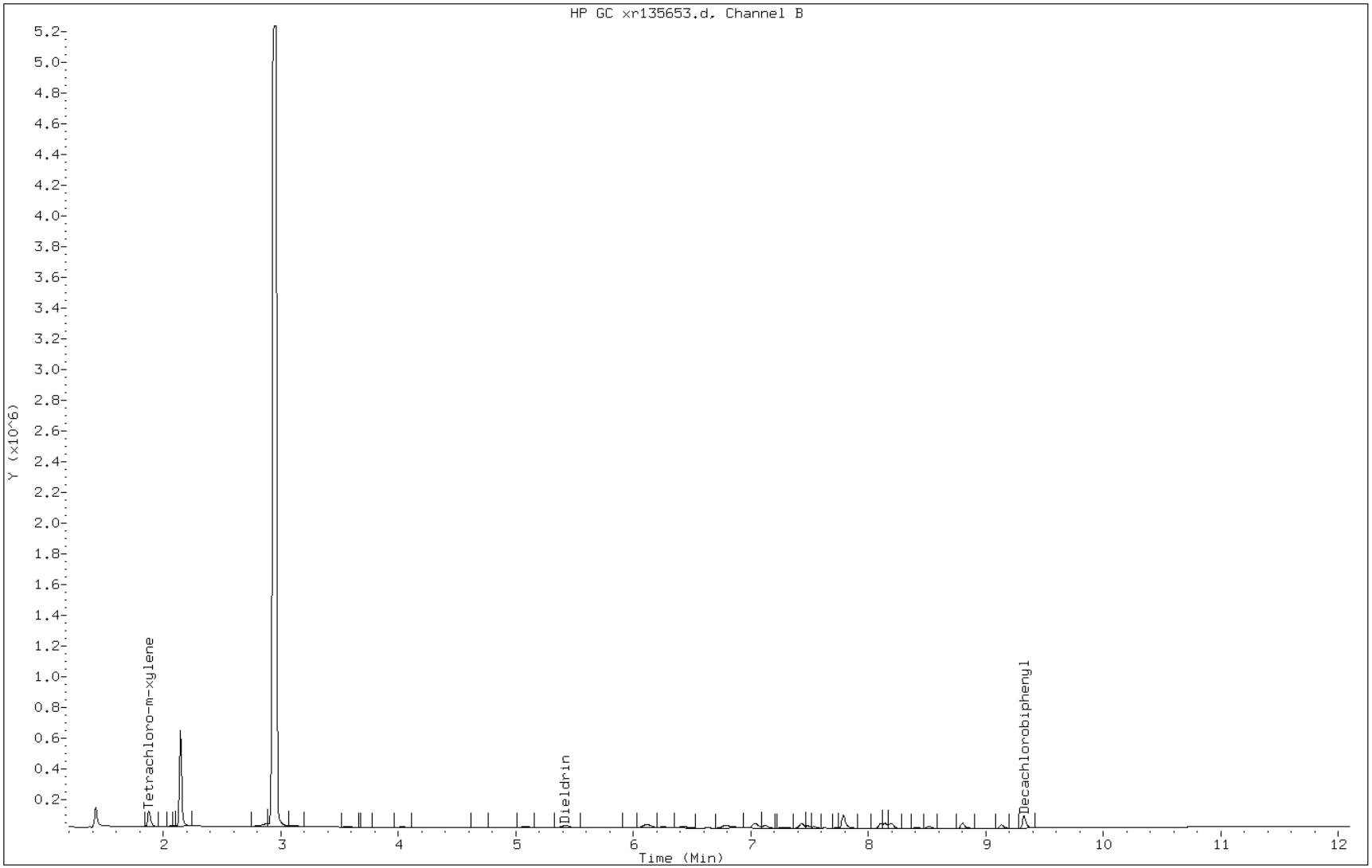
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	172325	28.3925	22	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.423	5.410	0.013	75954	11.4520	9.0	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	163751	43.2795	34	80.00- 120.00	100.00

Data File: xr135653.d

Date: 02-JUL-2012 15:28

Client ID: F-20 Instrument: PESTGC1.i

Sample Info: 460-41730-E-14-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 Lab Sample ID: 460-41730-15

Matrix: Solid Lab File ID: xf135654.d

Analysis Method: 8081A Date Collected: 06/26/2012 09:20

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.04(g) Date Analyzed: 07/02/2012 15:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-150
2051-24-3	DCB Decachlorobiphenyl	78		53-150

Data File: xf135654.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135654.d
Lab Smp Id: 460-41730-E-15-D Client Smp ID: F-21
Inj Date : 02-JUL-2012 15:41
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-15-D
Misc Info : 460-41730-E-15-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	11.53846	% Moisture

Cpnd Variable Local Compound Variable

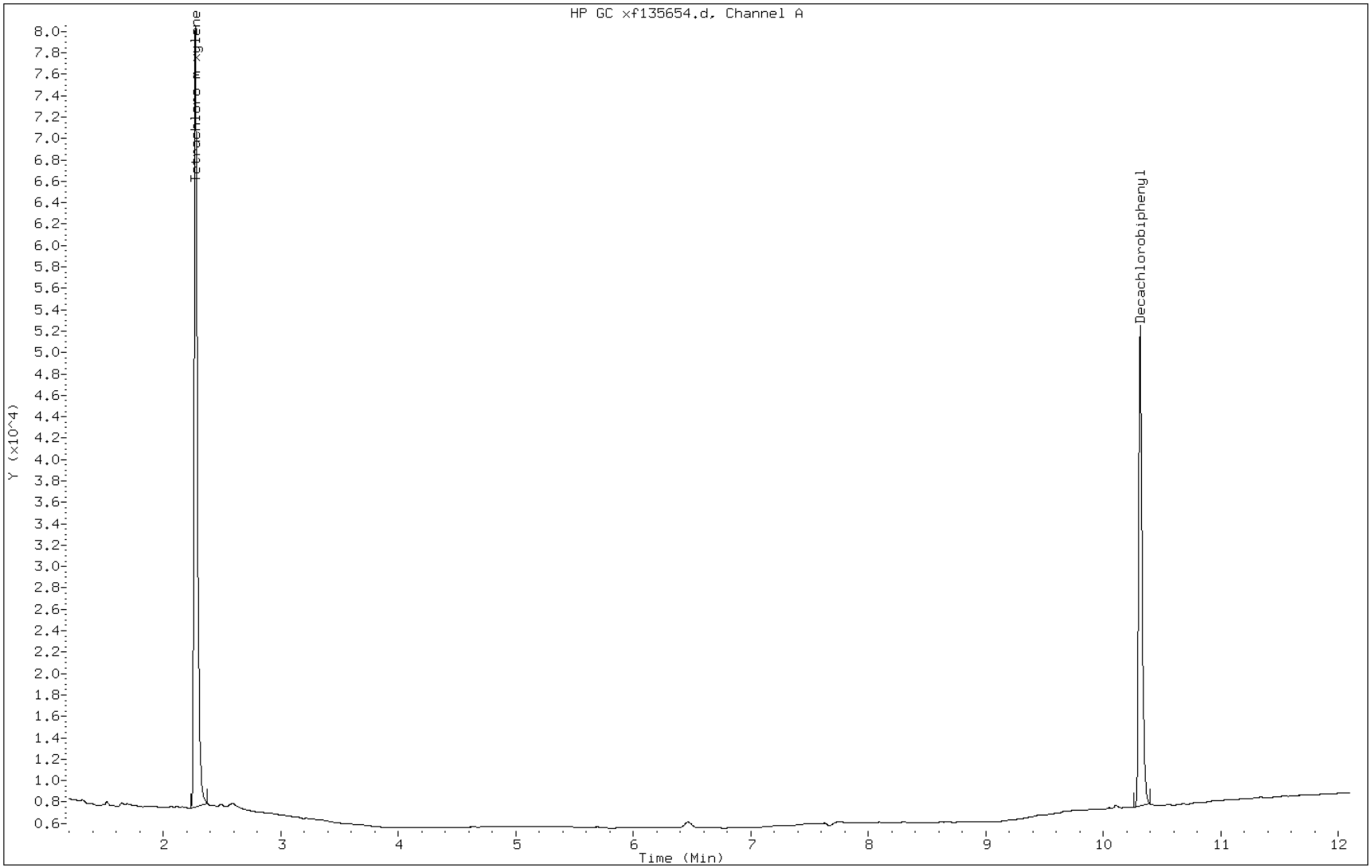
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.273	0.004	136891	39.2052	29	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	90211	39.0432	29	80.00- 120.00	100.00

Data File: xf135654.d

Date: 02-JUL-2012 15:41

Client ID: F-21 Instrument: PESTGC1.i

Sample Info: 460-41730-E-15-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: xr135654.d

Analysis Method: 8081A | Date Collected: 06/26/2012 09:20

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.04(g) | Date Analyzed: 07/02/2012 15:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.1	U	7.6	1.1
58-89-9	gamma-BHC (Lindane)	0.88	U	7.6	0.88
57-74-9	Chlordane	16	U	76	16
72-54-8	4,4'-DDD	0.90	U	7.6	0.90
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.95	U	7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.97	U	7.6	0.97
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-150
2051-24-3	DCB Decachlorobiphenyl	85		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135654.d
Lab Smp Id: 460-41730-E-15-D Client Smp ID: F-21
Inj Date : 02-JUL-2012 15:41
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-15-D
Misc Info : 460-41730-E-15-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	11.53846	% Moisture

Cpnd Variable Local Compound Variable

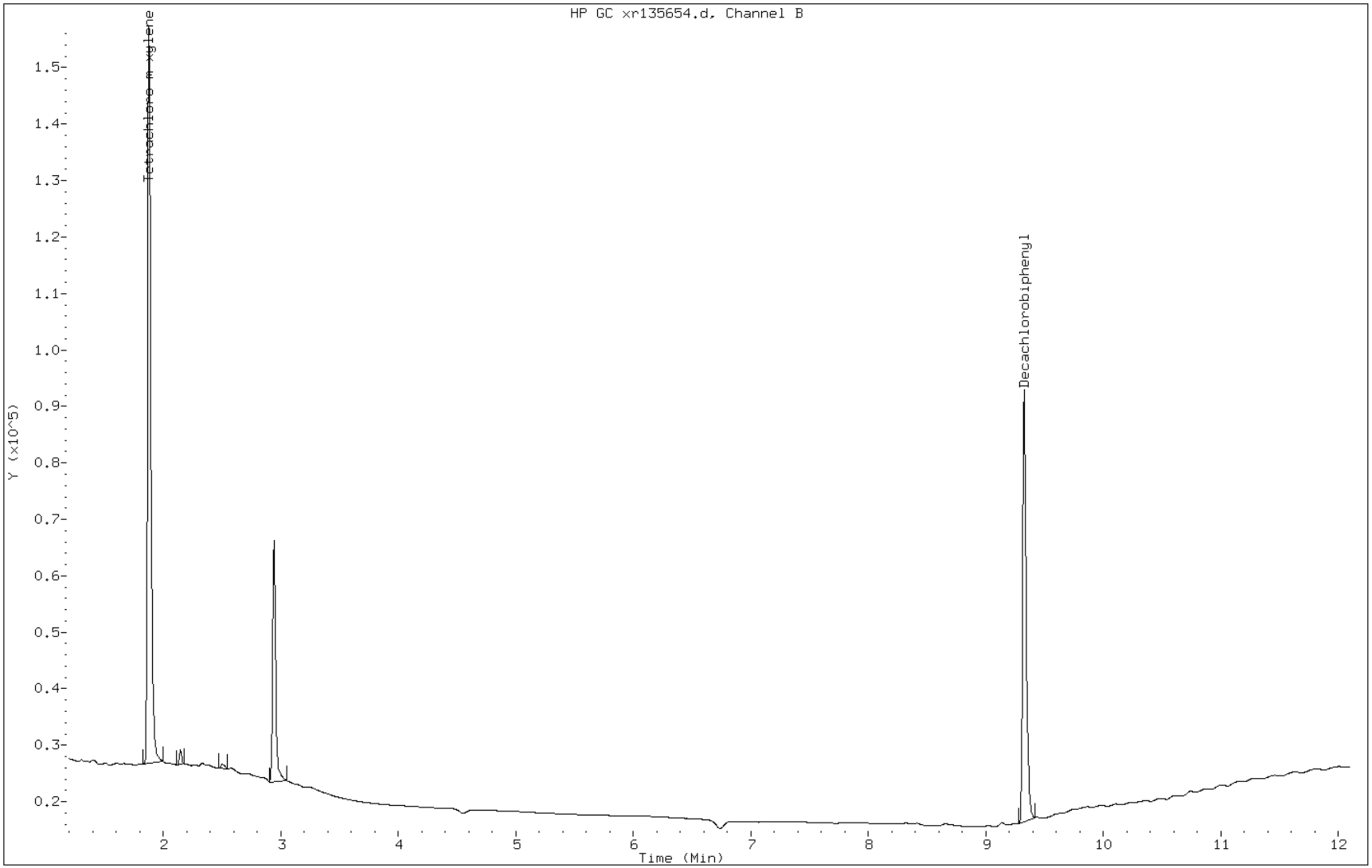
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	243592	40.1346	30	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	161176	42.5989	32	80.00- 120.00	100.00

Data File: xr135654.d

Date: 02-JUL-2012 15:41

Client ID: F-21 Instrument: PESTGC1.i

Sample Info: 460-41730-E-15-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 Lab Sample ID: 460-41730-16

Matrix: Solid Lab File ID: xf135655.d

Analysis Method: 8081A Date Collected: 06/26/2012 11:24

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) Date Analyzed: 07/02/2012 15:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

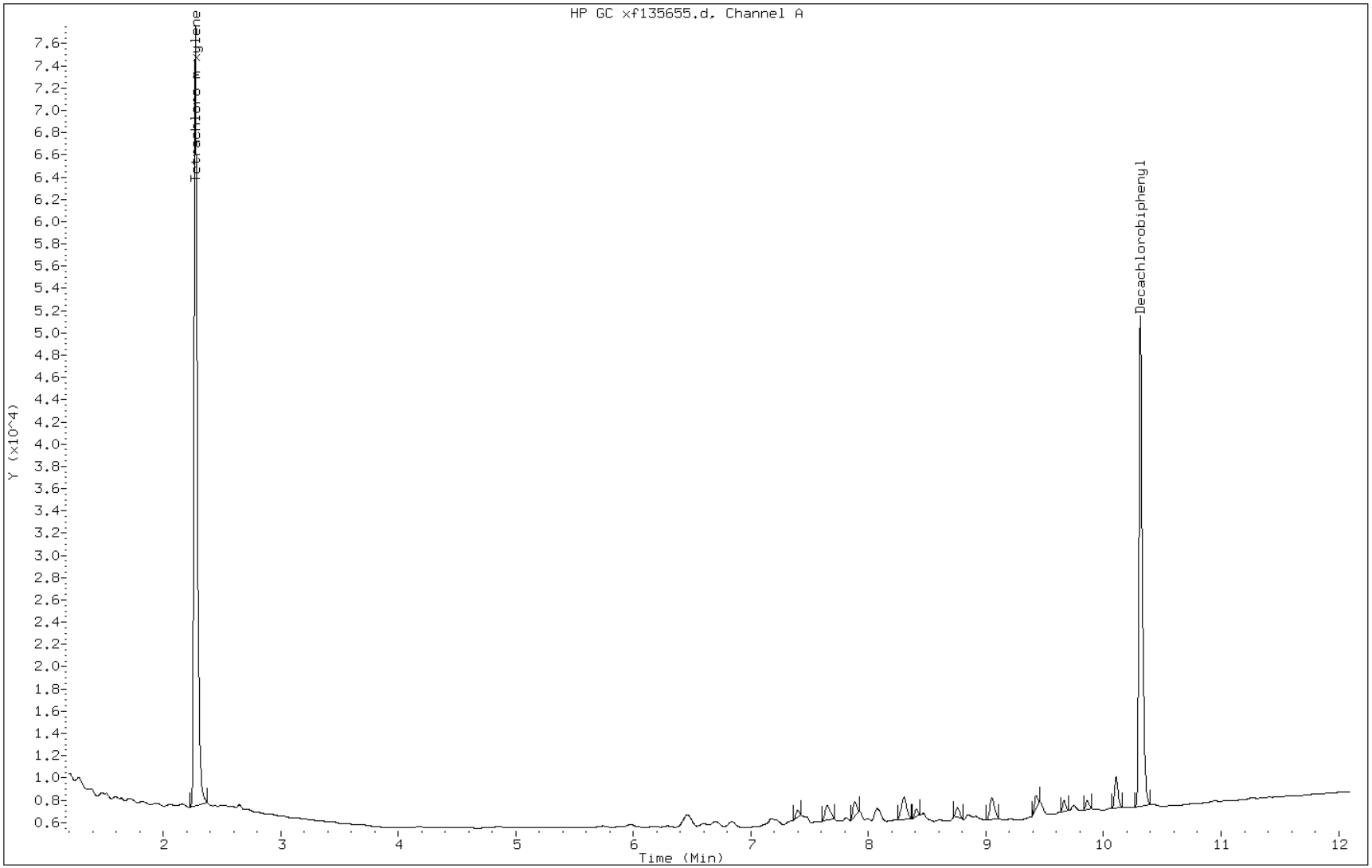
CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-150
2051-24-3	DCB Decachlorobiphenyl	76		53-150

Data File: xf135655.d

Date: 02-JUL-2012 15:55

Client ID: F-22 Instrument: PESTGC1.i

Sample Info: 460-41730-E-16-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Matrix: Solid | Lab File ID: xr135655.d

Analysis Method: 8081A | Date Collected: 06/26/2012 11:24

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) | Date Analyzed: 07/02/2012 15:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.2	1.6
319-84-6	alpha-BHC	1.3	U	7.2	1.3
319-85-7	beta-BHC	0.98	U	7.2	0.98
319-86-8	delta-BHC	1.1	U	7.2	1.1
58-89-9	gamma-BHC (Lindane)	0.84	U	7.2	0.84
57-74-9	Chlordane	16	U	72	16
72-54-8	4,4'-DDD	0.86	U	7.2	0.86
72-55-9	4,4'-DDE	1.4	U	7.2	1.4
50-29-3	4,4'-DDT	0.90	U	7.2	0.90
60-57-1	Dieldrin	1.4	U	7.2	1.4
959-98-8	Endosulfan I	1.5	U	7.2	1.5
33213-65-9	Endosulfan II	1.1	U	7.2	1.1
1031-07-8	Endosulfan sulfate	0.93	U	7.2	0.93
72-20-8	Endrin	1.0	U	7.2	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.2	1.8
53494-70-5	Endrin ketone	1.1	U	7.2	1.1
76-44-8	Heptachlor	1.0	U	7.2	1.0
1024-57-3	Heptachlor epoxide	1.5	U	7.2	1.5
72-43-5	Methoxychlor	0.81	U	7.2	0.81
8001-35-2	Toxaphene	15	U	72	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-150
2051-24-3	DCB Decachlorobiphenyl	84		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135655.d
Lab Smp Id: 460-41730-E-16-D Client Smp ID: F-22
Inj Date : 02-JUL-2012 15:55
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-16-D
Misc Info : 460-41730-E-16-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	7.29783	% Moisture

Cpnd Variable Local Compound Variable

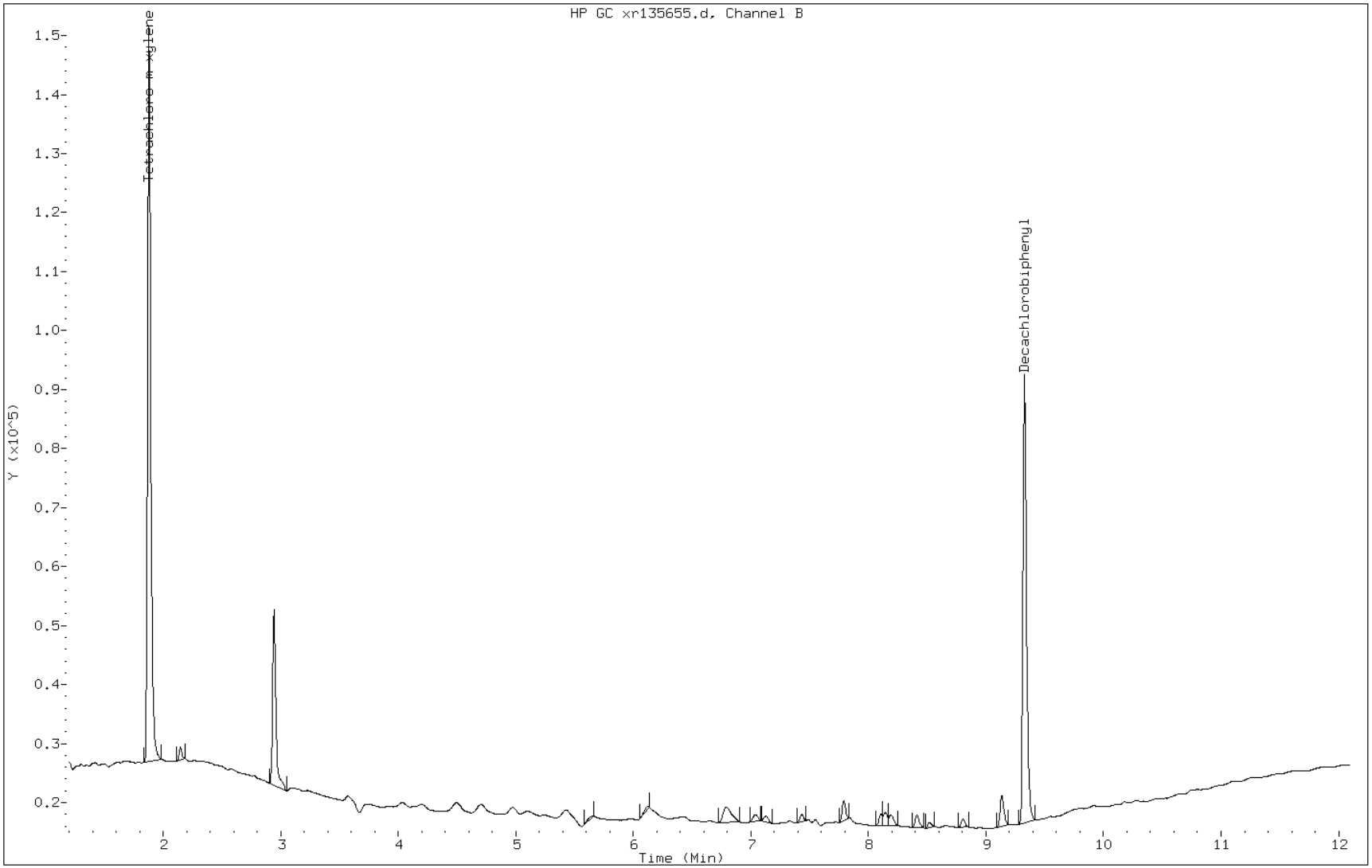
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	232182	38.2547	27	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	158531	41.8998	30	80.00- 120.00	100.00

Data File: xr135655.d

Date: 02-JUL-2012 15:55

Client ID: F-22 Instrument: PESTGC1.i

Sample Info: 460-41730-E-16-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 Lab Sample ID: 460-41730-17

Matrix: Solid Lab File ID: WF703631.D

Analysis Method: 8081A Date Collected: 06/26/2012 11:32

Extraction Method: 3541 Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.05(g) Date Analyzed: 07/02/2012 10:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	23	p	17	2.0
50-29-3	4,4'-DDT	28		17	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	86		53-150

Data File: WF703631.D
Report Date: 05-Jul-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703631.D
Lab Smp Id: 460-41730-E-17-I Client Smp ID: F-23
Inj Date : 02-JUL-2012 10:19
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-I
Misc Info : 460-41730-E-17-I
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.430	2.433	-0.003	120927	52.0768	87	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.873	6.867	0.006	176885	85.2020	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.180	7.177	0.003	122020	62.1643	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.330	7.383	-0.053	23577	11.5582	19	80.00- 120.00	100.00(M)
14 Endrin					CAS #: 72-20-8		
7.770	7.727	0.043	11783	6.69717	11	80.00- 120.00	100.00

Data File: WF703631.D
Report Date: 05-Jul-2012 08:46

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
	7 4,4'-DDD					CAS #: 72-54-8		
	7.810	7.817	-0.007	20245	13.6925	23	80.00- 120.00	100.00
	9 4,4'-DDT					CAS #: 50-29-3		
	8.183	8.177	0.006	25428	16.6258	28	80.00- 120.00	100.00
	13 Endosulfan sulfate					CAS #: 1031-07-8		
	8.587	8.547	0.040	3007	2.05986	3.4	80.00- 120.00	100.00
	19 Methoxychlor					CAS #: 72-43-5		
	8.710	8.733	-0.023	10515	18.5349	31	80.00- 120.00	100.00(M)
	16 Endrin ketone					CAS #: 53494-70-5		
	8.967	8.937	0.030	9586	5.78328	9.7	80.00- 120.00	100.00(M)
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.927	9.930	-0.003	75829	42.9538	72	80.00- 120.00	100.00

QC Flag Legend

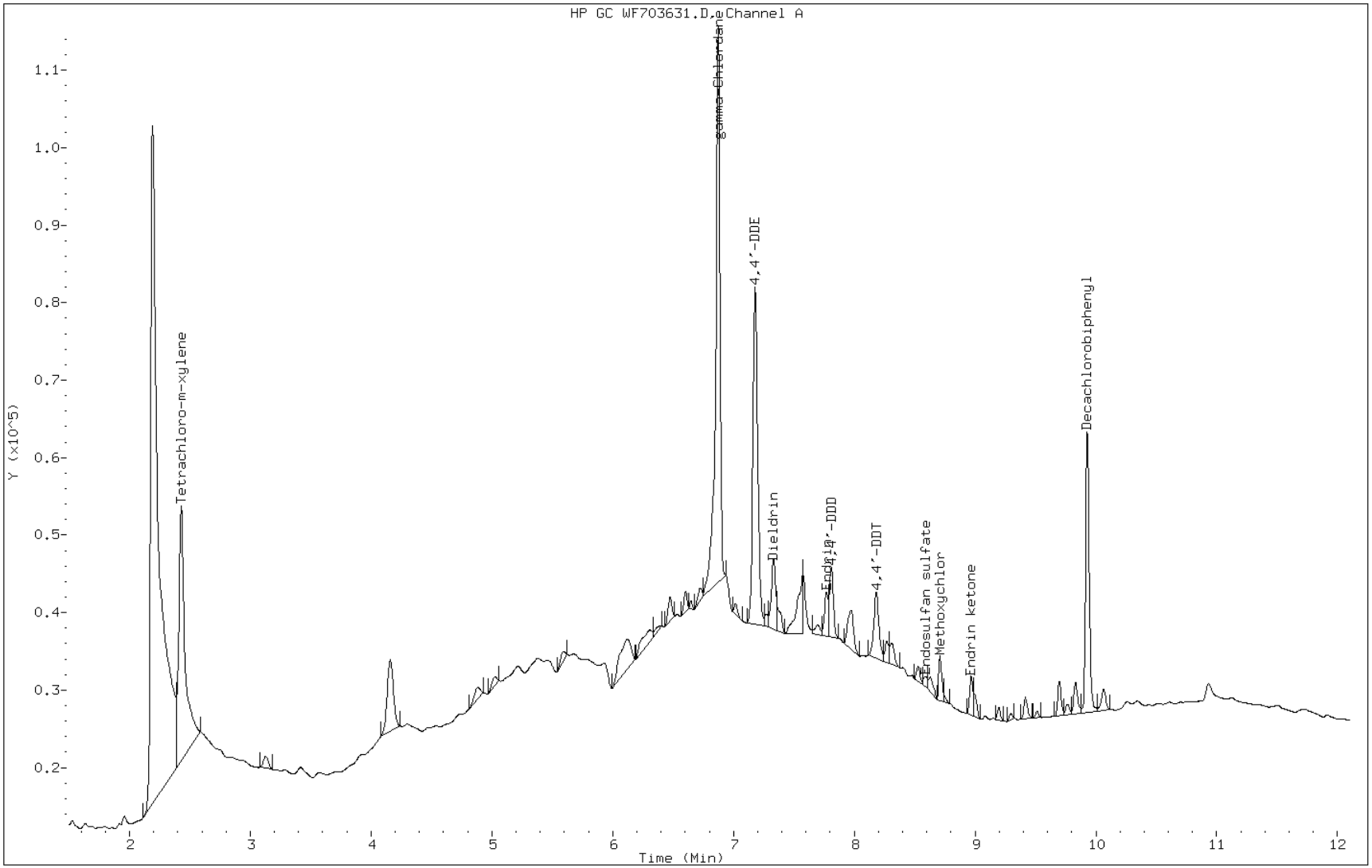
M - Compound response manually integrated.

Data File: WF703631.D

Date: 02-JUL-2012 10:19

Client ID: F-23 Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-I Operator:



Manual Integration Report

Data File: WF703631.D
Inj. Date and Time: 02-JUL-2012 10:19
Instrument ID: PESTGC4.i
Client ID: F-23
Compound: 10 Dieldrin
CAS #: 60-57-1
Report Date: 07/05/2012

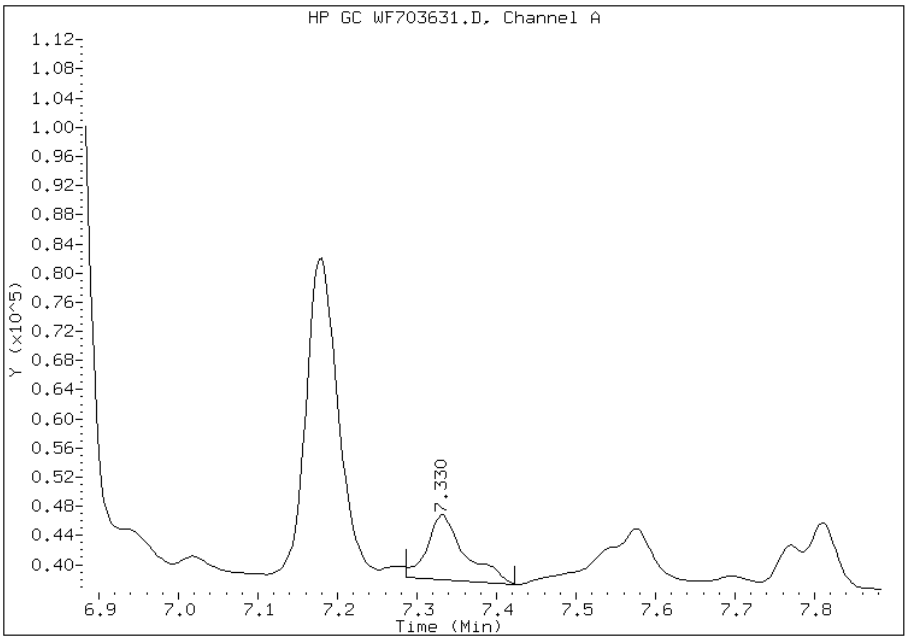
Processing Integration Results

RT: 7.33

Response: 29643

Amount: 14.53

Conc: 24.35



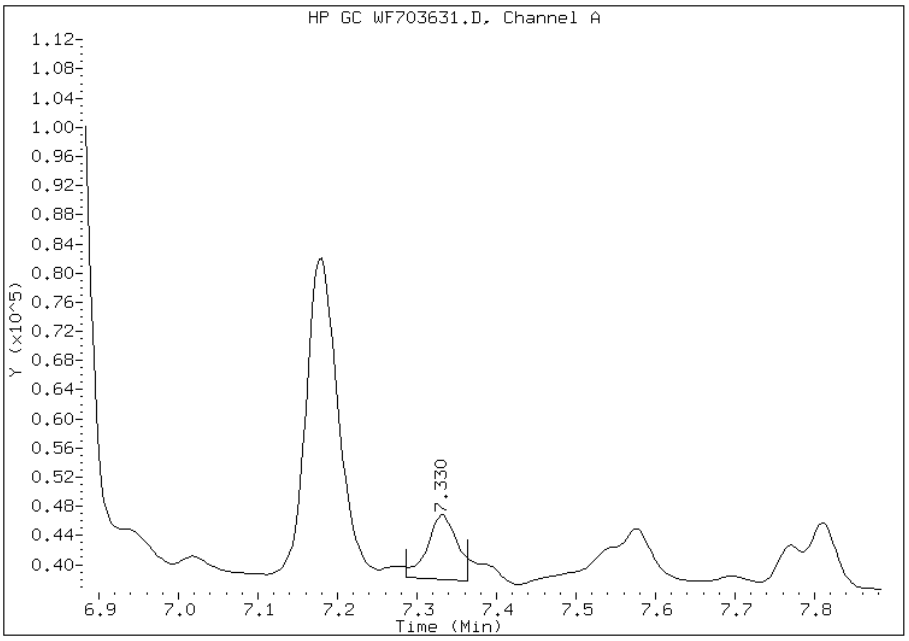
Manual Integration Results

RT: 7.33

Response: 23577

Amount: 11.56

Conc: 19.37



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: WF703631.D
Inj. Date and Time: 02-JUL-2012 10:19
Instrument ID: PESTGC4.i
Client ID: F-23
Compound: 16 Endrin ketone
CAS #: 53494-70-5
Report Date: 07/05/2012

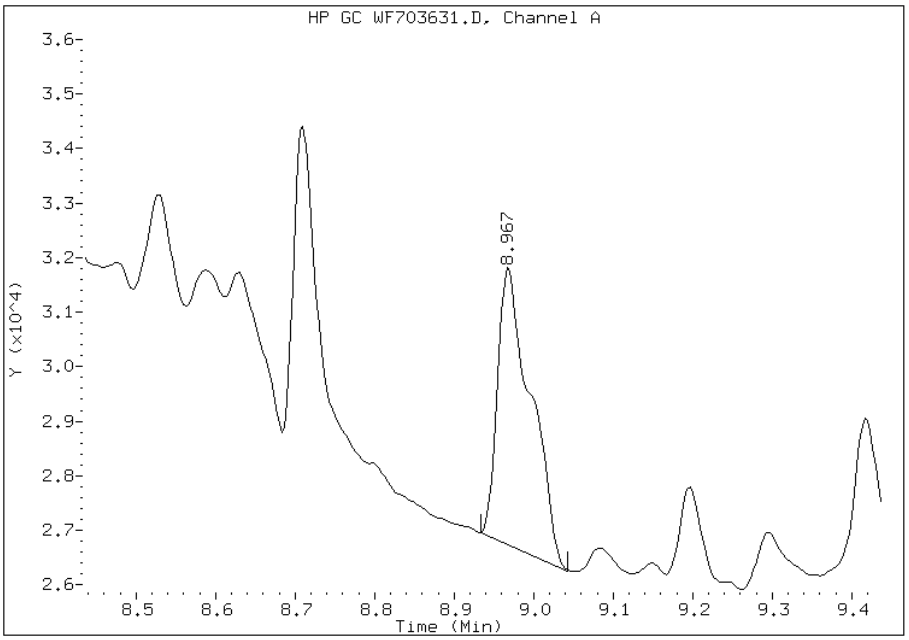
Processing Integration Results

RT: 8.97

Response: 14770

Amount: 8.91

Conc: 14.93



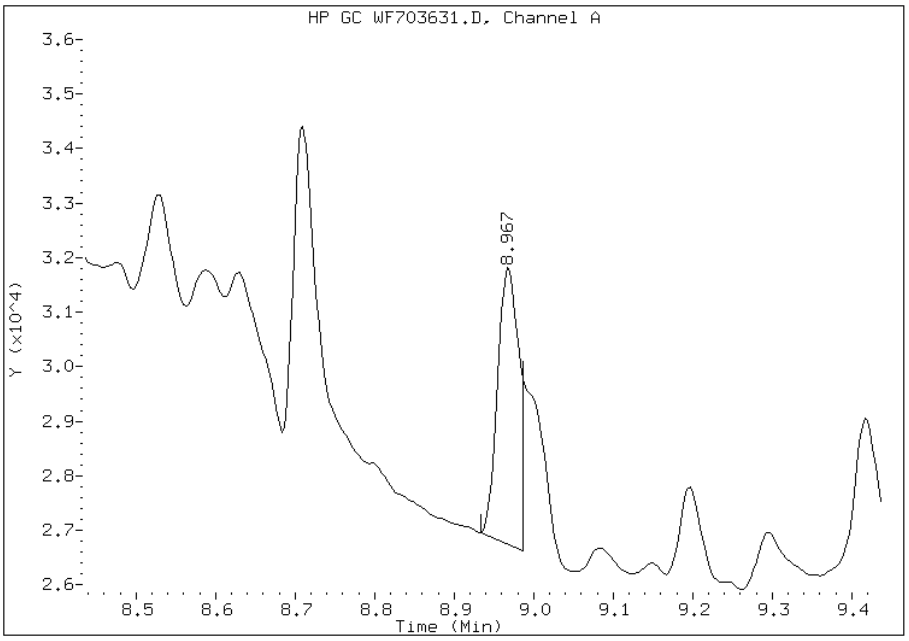
Manual Integration Results

RT: 8.97

Response: 9586

Amount: 5.78

Conc: 9.69



Manually Integrated By: selbyc
Manual Integration Reason:

Manual Integration Report

Data File: WF703631.D
Inj. Date and Time: 02-JUL-2012 10:19
Instrument ID: PESTGC4.i
Client ID: F-23
Compound: 19 Methoxychlor
CAS #: 72-43-5
Report Date: 07/05/2012

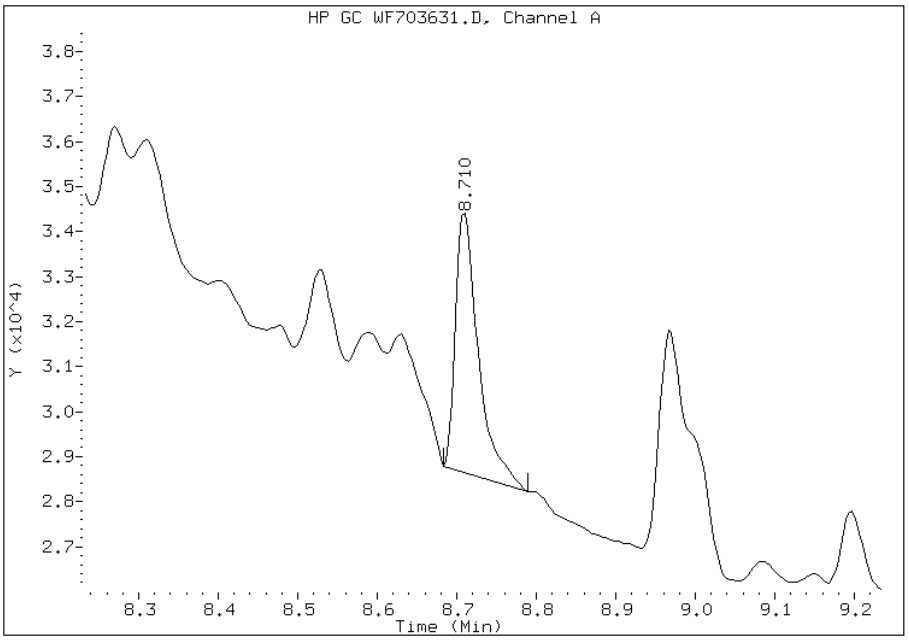
Processing Integration Results

RT: 8.71

Response: 11584

Amount: 20.42

Conc: 34.21



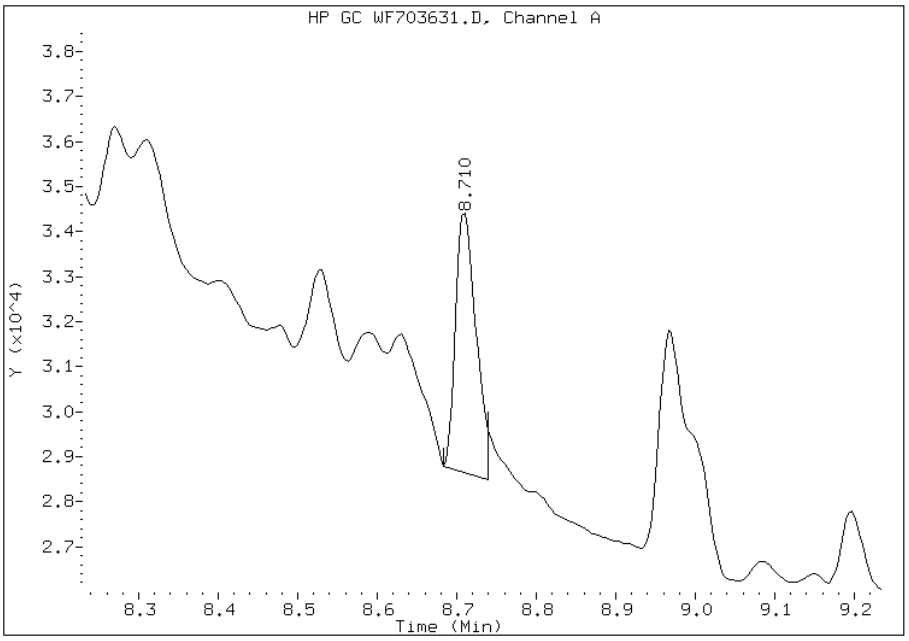
Manual Integration Results

RT: 8.71

Response: 10515

Amount: 18.53

Conc: 31.06



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: WR703631.D

Analysis Method: 8081A | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 10:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	3.7	U	17	3.7
319-84-6	alpha-BHC	3.1	U	17	3.1
319-85-7	beta-BHC	2.3	U	17	2.3
319-86-8	delta-BHC	2.6	U	17	2.6
58-89-9	gamma-BHC (Lindane)	2.0	U	17	2.0
57-74-9	Chlordane	36	U	170	36
72-55-9	4,4'-DDE	57	p	17	3.3
60-57-1	Dieldrin	8.4	J p	17	3.2
959-98-8	Endosulfan I	3.5	U	17	3.5
33213-65-9	Endosulfan II	2.5	U	17	2.5
1031-07-8	Endosulfan sulfate	2.2	U	17	2.2
72-20-8	Endrin	2.4	U	17	2.4
7421-93-4	Endrin aldehyde	4.2	U	17	4.2
53494-70-5	Endrin ketone	6.3	J p	17	2.5
76-44-8	Heptachlor	2.4	U	17	2.4
1024-57-3	Heptachlor epoxide	3.4	U	17	3.4
72-43-5	Methoxychlor	9.3	J p	17	1.9
8001-35-2	Toxaphene	35	U	170	35

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	58	p	40-150
2051-24-3	DCB Decachlorobiphenyl	79		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703631.D
Lab Smp Id: 460-41730-E-17-I Client Smp ID: F-23
Inj Date : 02-JUL-2012 10:19
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-I
Misc Info : 460-41730-E-17-I
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.990	1.990	0.000	59263	29.0036	48	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.273	6.283	-0.010	56010	34.0614	57	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.617	6.627	-0.010	10300	5.00165	8.4	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.903	6.913	-0.010	30245	22.5435	38	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.170	7.197	-0.027	21059	14.1764	24	80.00- 120.00	100.00

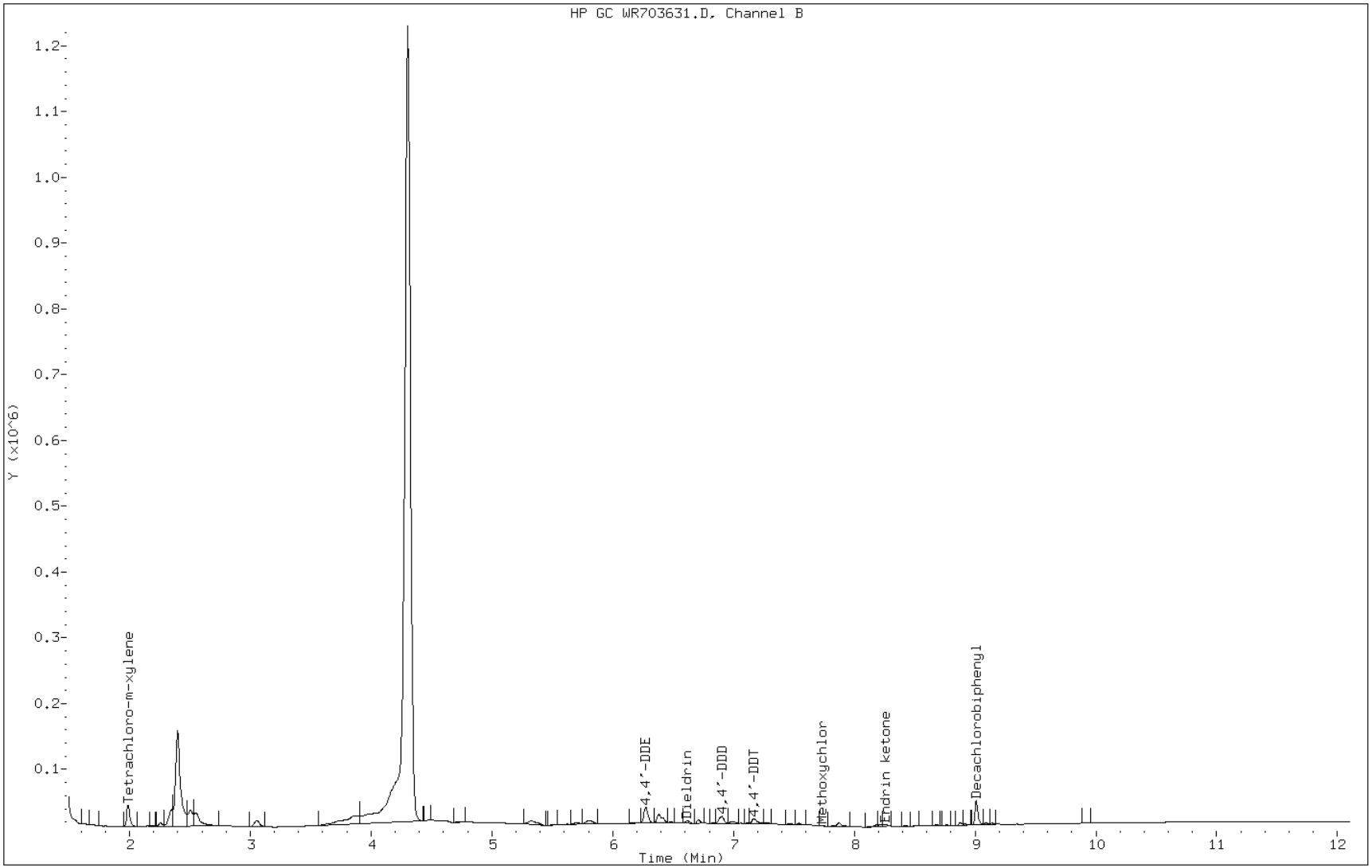
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
19 Methoxychlor					CAS #: 72-43-5		
7.737	7.703	0.034	3488	5.53005	9.3	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.257	8.270	-0.013	6800	3.78863	6.3	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.010	9.013	-0.003	62256	39.5470	66	80.00- 120.00	100.00

Data File: WR703631.D

Date: 02-JUL-2012 10:19

Client ID: F-23 Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-I Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 Lab Sample ID: 460-41730-18

Matrix: Solid Lab File ID: xf135656.d

Analysis Method: 8081A Date Collected: 06/26/2012 13:10

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) Date Analyzed: 07/02/2012 16:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-150
2051-24-3	DCB Decachlorobiphenyl	92		53-150

Data File: xf135656.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135656.d
Lab Smp Id: 460-41730-E-18-D Client Smp ID: F-24
Inj Date : 02-JUL-2012 16:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-18-D
Misc Info : 460-41730-E-18-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	9.36255	% Moisture

Cpnd Variable Local Compound Variable

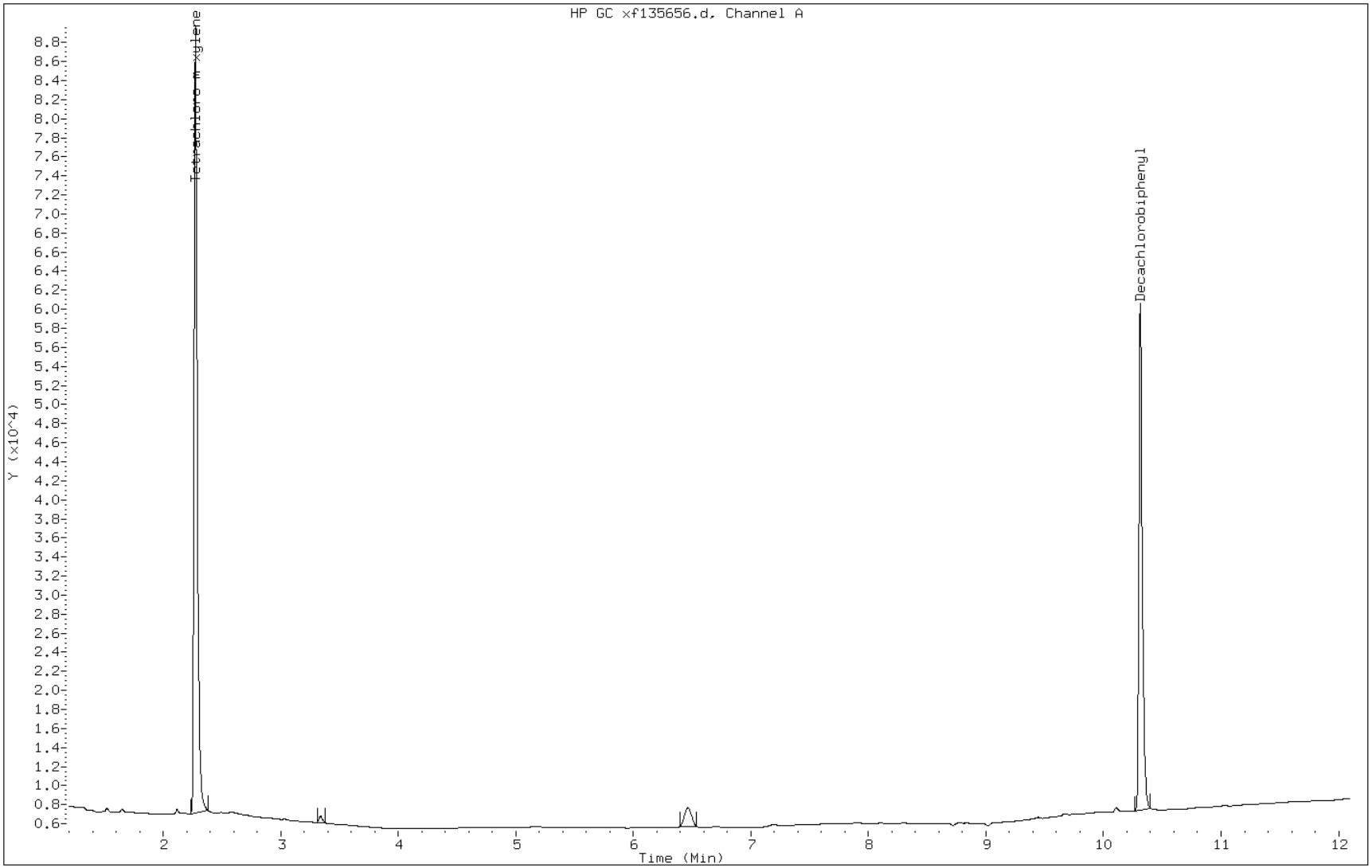
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	154880	44.3572	32	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	106837	46.2389	34	80.00- 120.00	100.00

Data File: xf135656.d

Date: 02-JUL-2012 16:09

Client ID: F-24 Instrument: PESTGC1.i

Sample Info: 460-41730-E-18-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Matrix: Solid | Lab File ID: xr135656.d

Analysis Method: 8081A | Date Collected: 06/26/2012 13:10

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.03(g) | Date Analyzed: 07/02/2012 16:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.4	1.6
319-84-6	alpha-BHC	1.4	U	7.4	1.4
319-85-7	beta-BHC	1.0	U	7.4	1.0
319-86-8	delta-BHC	1.1	U	7.4	1.1
58-89-9	gamma-BHC (Lindane)	0.86	U	7.4	0.86
57-74-9	Chlordane	16	U	74	16
72-54-8	4,4'-DDD	0.88	U	7.4	0.88
72-55-9	4,4'-DDE	1.4	U	7.4	1.4
50-29-3	4,4'-DDT	0.92	U	7.4	0.92
60-57-1	Dieldrin	1.4	U	7.4	1.4
959-98-8	Endosulfan I	1.6	U	7.4	1.6
33213-65-9	Endosulfan II	1.1	U	7.4	1.1
1031-07-8	Endosulfan sulfate	0.95	U	7.4	0.95
72-20-8	Endrin	1.0	U	7.4	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.4	1.8
53494-70-5	Endrin ketone	1.1	U	7.4	1.1
76-44-8	Heptachlor	1.1	U	7.4	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.4	1.5
72-43-5	Methoxychlor	0.83	U	7.4	0.83
8001-35-2	Toxaphene	15	U	74	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-150
2051-24-3	DCB Decachlorobiphenyl	103		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135656.d
Lab Smp Id: 460-41730-E-18-D Client Smp ID: F-24
Inj Date : 02-JUL-2012 16:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-18-D
Misc Info : 460-41730-E-18-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	9.36255	% Moisture

Cpnd Variable Local Compound Variable

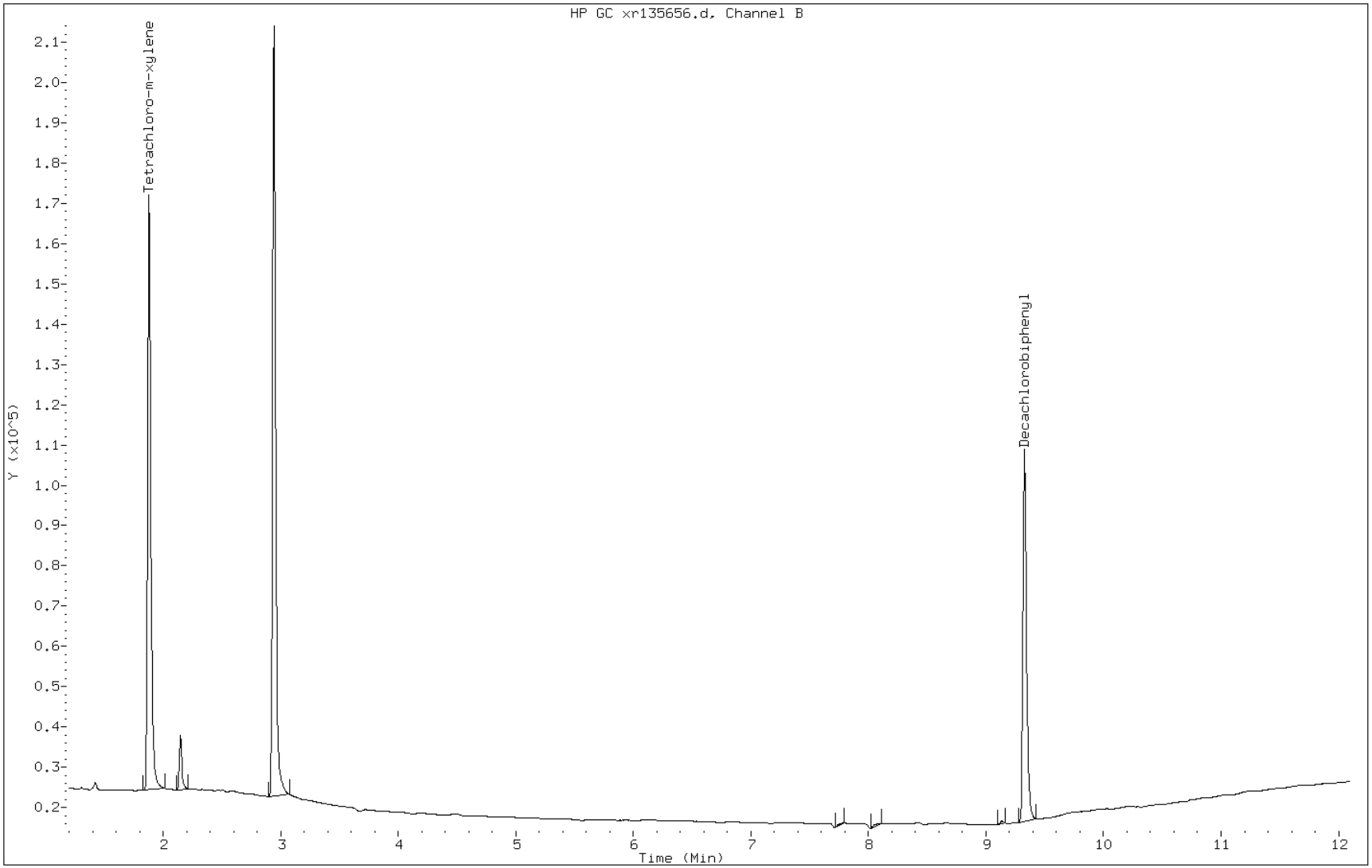
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	279253	46.0102	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	194515	51.4104	38	80.00- 120.00	100.00

Data File: xr135656.d

Date: 02-JUL-2012 16:09

Client ID: F-24 Instrument: PESTGC1.i

Sample Info: 460-41730-E-18-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 Lab Sample ID: 460-41730-20

Matrix: Solid Lab File ID: xf135657.d

Analysis Method: 8081A Date Collected: 06/26/2012 13:22

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 16:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

Data File: xf135657.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135657.d
Lab Smp Id: 460-41730-E-20-D Client Smp ID: F-26
Inj Date : 02-JUL-2012 16:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-20-D
Misc Info : 460-41730-E-20-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	11.92308	% Moisture

Cpnd Variable Local Compound Variable

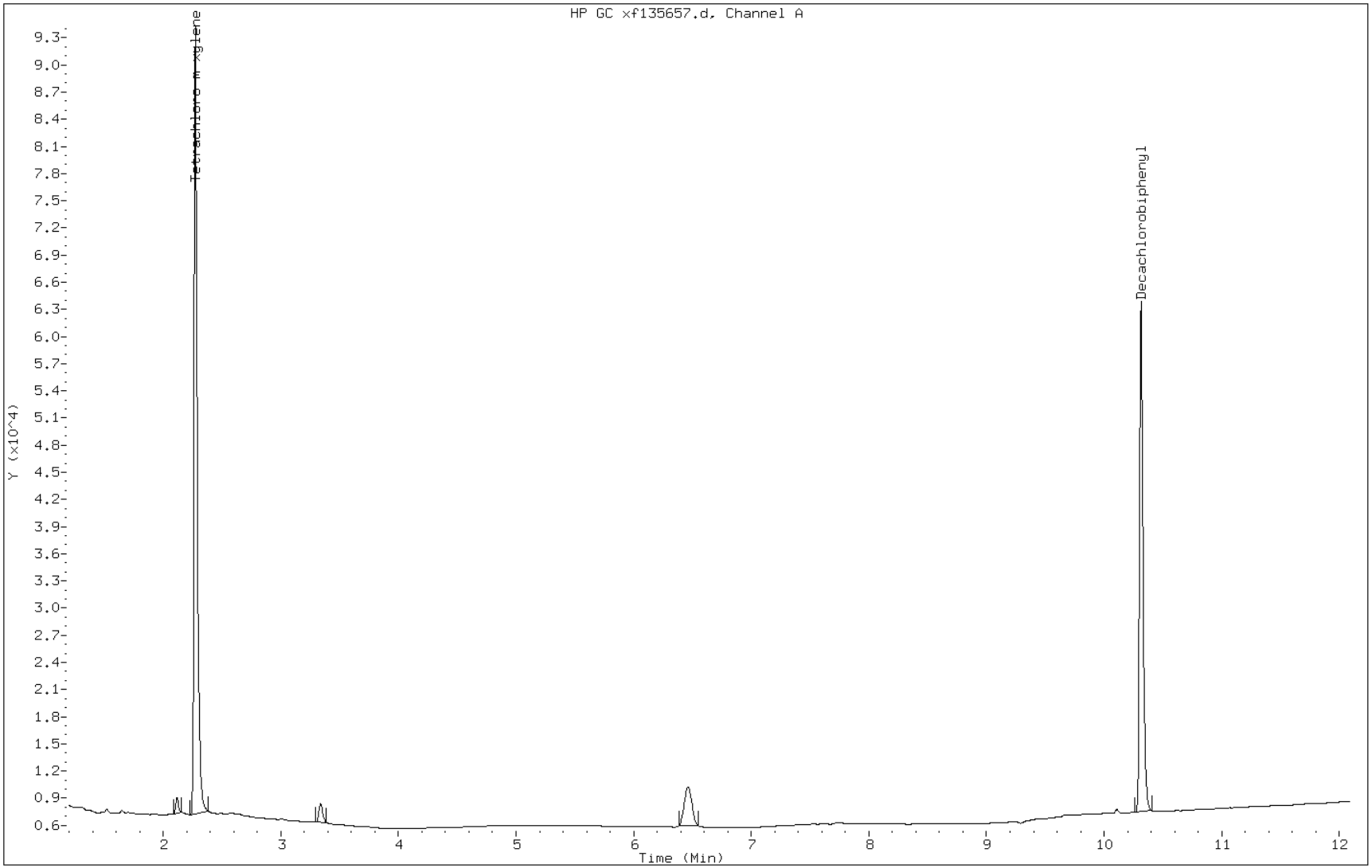
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	161807	46.3411	35	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	113248	49.0135	37	80.00- 120.00	100.00

Data File: xf135657.d

Date: 02-JUL-2012 16:23

Client ID: F-26 Instrument: PESTGC1.i

Sample Info: 460-41730-E-20-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Matrix: Solid | Lab File ID: xr135657.d

Analysis Method: 8081A | Date Collected: 06/26/2012 13:22

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 16:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.88	U	7.6	0.88
57-74-9	Chlordane	16	U	76	16
72-54-8	4,4'-DDD	0.91	U	7.6	0.91
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.95	U	7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.98	U	7.6	0.98
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	109		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135657.d
Lab Smp Id: 460-41730-E-20-D Client Smp ID: F-26
Inj Date : 02-JUL-2012 16:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-20-D
Misc Info : 460-41730-E-20-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	11.92308	% Moisture

Cpnd Variable Local Compound Variable

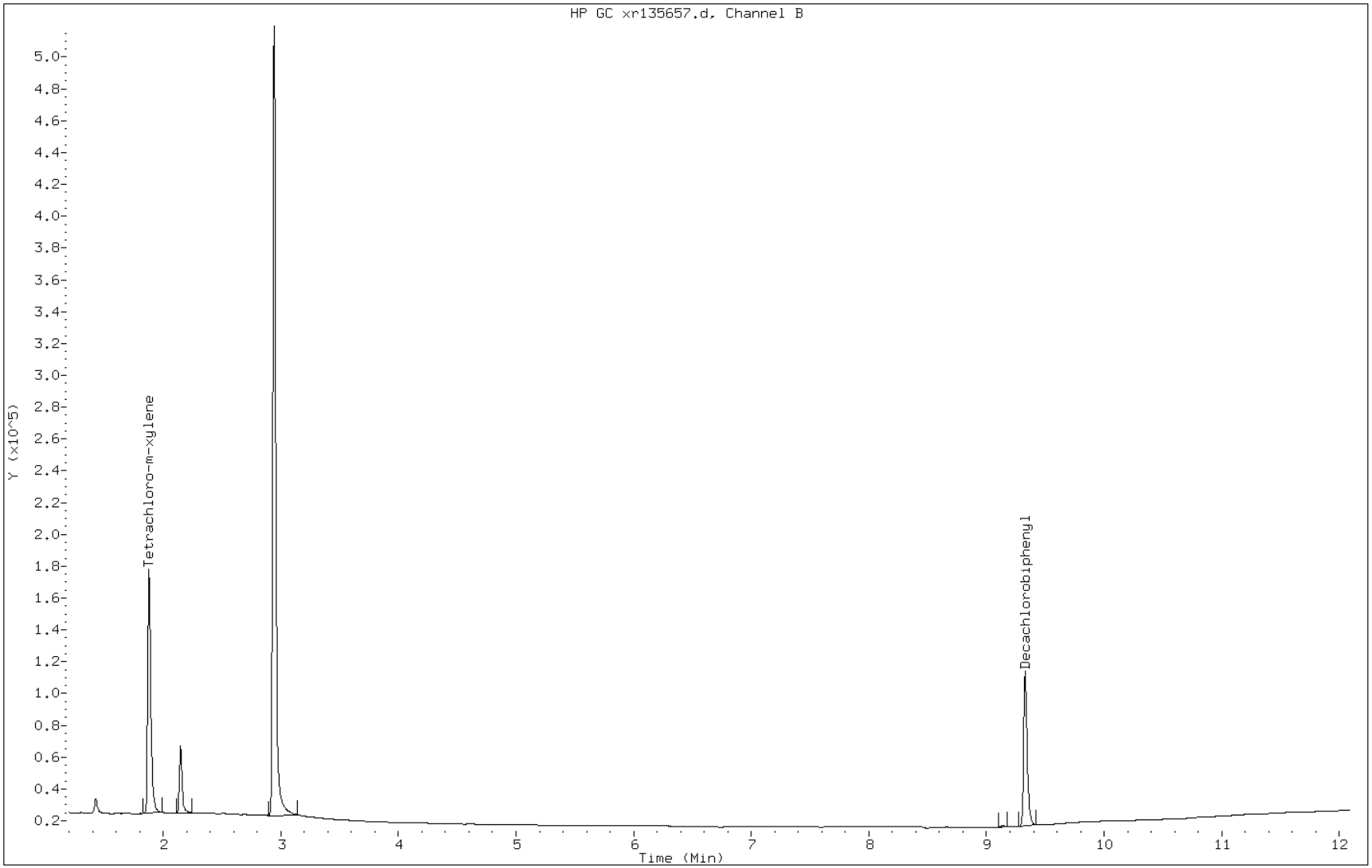
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	288854	47.5920	36	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	205437	54.2971	41	80.00- 120.00	100.00

Data File: xr135657.d

Date: 02-JUL-2012 16:23

Client ID: F-26 Instrument: PESTGC1.i

Sample Info: 460-41730-E-20-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 Lab Sample ID: 460-41730-21

Matrix: Solid Lab File ID: xf135658.d

Analysis Method: 8081A Date Collected: 06/26/2012 13:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) Date Analyzed: 07/02/2012 16:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

Data File: xf135658.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135658.d
Lab Smp Id: 460-41730-E-21-C Client Smp ID: F-27
Inj Date : 02-JUL-2012 16:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-21-C
Misc Info : 460-41730-E-21-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	11.67608	% Moisture

Cpnd Variable Local Compound Variable

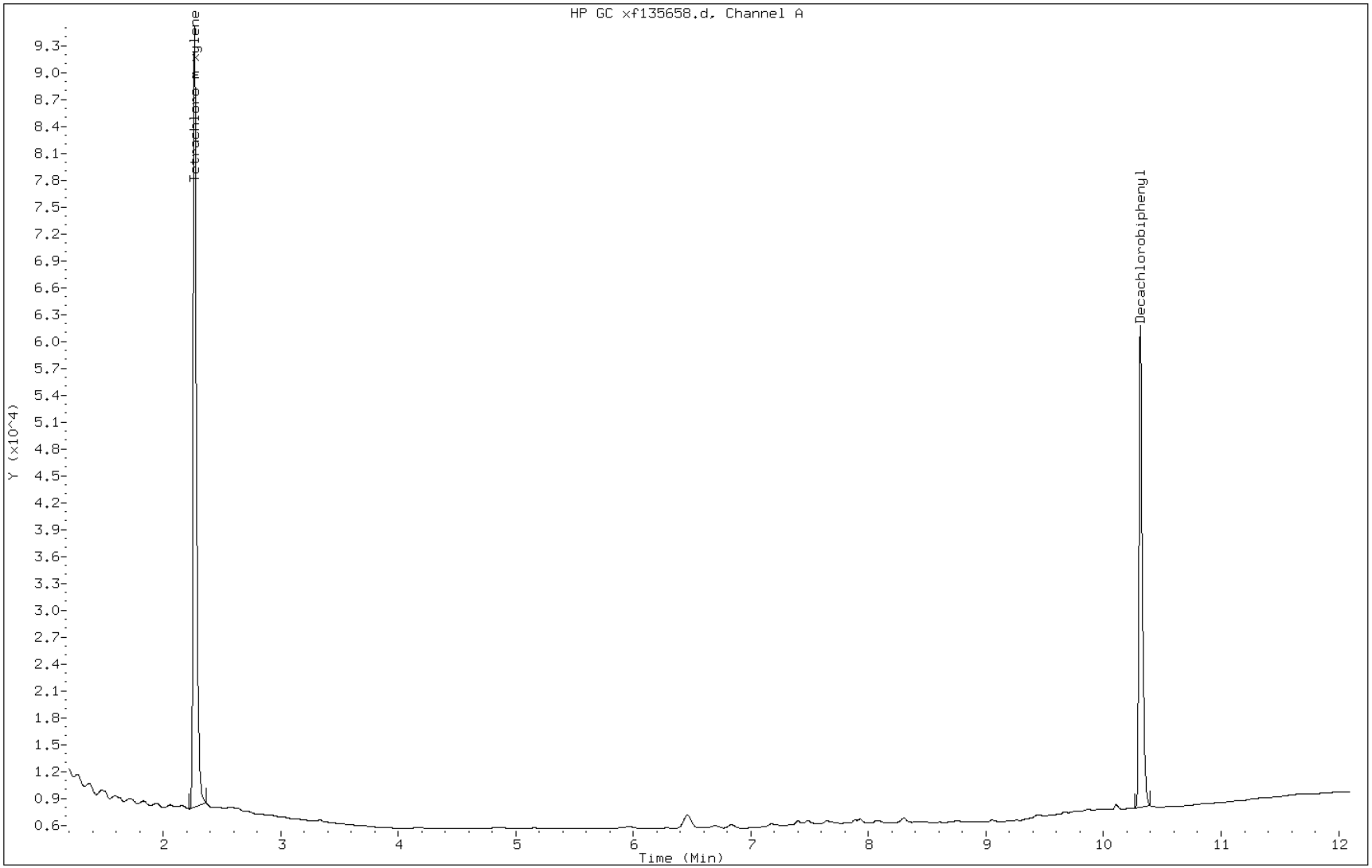
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.267	2.273	-0.006	161073	46.1309	35	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	107926	46.7102	35	80.00- 120.00	100.00

Data File: xf135658.d

Date: 02-JUL-2012 16:37

Client ID: F-27 Instrument: PESTGC1.i

Sample Info: 460-41730-E-21-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Matrix: Solid | Lab File ID: xr135658.d

Analysis Method: 8081A | Date Collected: 06/26/2012 13:55

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 16:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.6	1.7
319-84-6	alpha-BHC	1.4	U	7.6	1.4
319-85-7	beta-BHC	1.0	U	7.6	1.0
319-86-8	delta-BHC	1.2	U	7.6	1.2
58-89-9	gamma-BHC (Lindane)	0.88	U	7.6	0.88
57-74-9	Chlordane	16	U	76	16
72-54-8	4,4'-DDD	0.90	U	7.6	0.90
72-55-9	4,4'-DDE	1.5	U	7.6	1.5
50-29-3	4,4'-DDT	0.95	U	7.6	0.95
60-57-1	Dieldrin	1.5	U	7.6	1.5
959-98-8	Endosulfan I	1.6	U	7.6	1.6
33213-65-9	Endosulfan II	1.1	U	7.6	1.1
1031-07-8	Endosulfan sulfate	0.97	U	7.6	0.97
72-20-8	Endrin	1.1	U	7.6	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.6	1.9
53494-70-5	Endrin ketone	1.1	U	7.6	1.1
76-44-8	Heptachlor	1.1	U	7.6	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.6	1.5
72-43-5	Methoxychlor	0.85	U	7.6	0.85
8001-35-2	Toxaphene	16	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135658.d
Lab Smp Id: 460-41730-E-21-C Client Smp ID: F-27
Inj Date : 02-JUL-2012 16:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-21-C
Misc Info : 460-41730-E-21-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	11.67608	% Moisture

Cpnd Variable Local Compound Variable

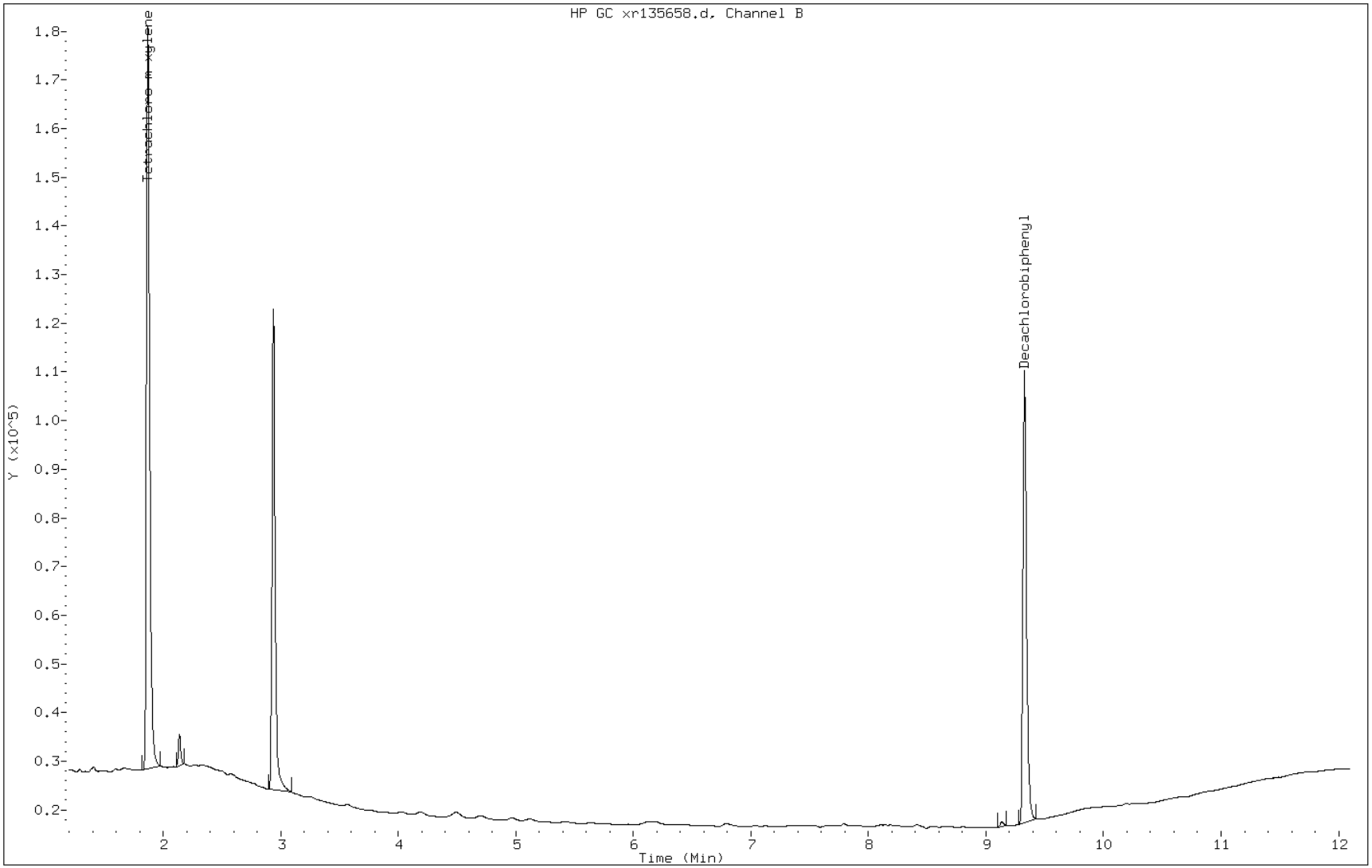
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.870	1.880	-0.010	284736	46.9136	35	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	197380	52.1676	39	80.00- 120.00	100.00

Data File: xr135658.d

Date: 02-JUL-2012 16:37

Client ID: F-27 Instrument: PESTGC1.i

Sample Info: 460-41730-E-21-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 Lab Sample ID: 460-41730-22

Matrix: Solid Lab File ID: xf135659.d

Analysis Method: 8081A Date Collected: 06/26/2012 14:20

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 16:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-150
2051-24-3	DCB Decachlorobiphenyl	83		53-150

Data File: xf135659.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135659.d
Lab Smp Id: 460-41730-E-22-D Client Smp ID: F-28
Inj Date : 02-JUL-2012 16:50
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-22-D
Misc Info : 460-41730-E-22-D
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	10.42048	% Moisture

Cpnd Variable Local Compound Variable

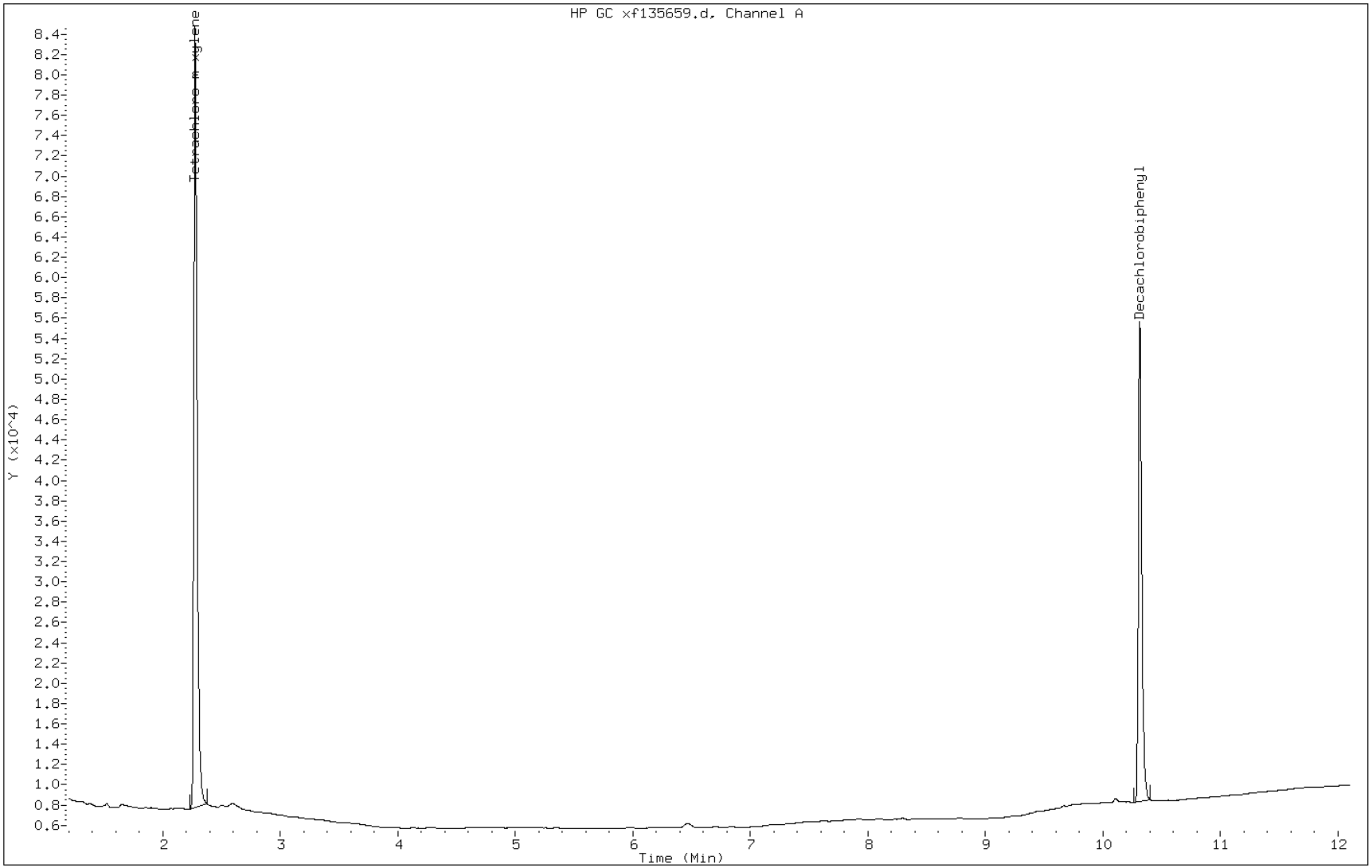
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	143452	41.0843	30	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	95931	41.5188	31	80.00- 120.00	100.00

Data File: xf135659.d

Date: 02-JUL-2012 16:50

Client ID: F-28 Instrument: PESTGC1.i

Sample Info: 460-41730-E-22-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Matrix: Solid | Lab File ID: xr135659.d

Analysis Method: 8081A | Date Collected: 06/26/2012 14:20

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 16:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.5	1.6
319-84-6	alpha-BHC	1.4	U	7.5	1.4
319-85-7	beta-BHC	1.0	U	7.5	1.0
319-86-8	delta-BHC	1.1	U	7.5	1.1
58-89-9	gamma-BHC (Lindane)	0.87	U	7.5	0.87
57-74-9	Chlordane	16	U	75	16
72-54-8	4,4'-DDD	0.89	U	7.5	0.89
72-55-9	4,4'-DDE	1.5	U	7.5	1.5
50-29-3	4,4'-DDT	0.94	U	7.5	0.94
60-57-1	Dieldrin	1.4	U	7.5	1.4
959-98-8	Endosulfan I	1.6	U	7.5	1.6
33213-65-9	Endosulfan II	1.1	U	7.5	1.1
1031-07-8	Endosulfan sulfate	0.96	U	7.5	0.96
72-20-8	Endrin	1.0	U	7.5	1.0
7421-93-4	Endrin aldehyde	1.9	U	7.5	1.9
53494-70-5	Endrin ketone	1.1	U	7.5	1.1
76-44-8	Heptachlor	1.1	U	7.5	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.5	1.5
72-43-5	Methoxychlor	0.84	U	7.5	0.84
8001-35-2	Toxaphene	16	U	75	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-150
2051-24-3	DCB Decachlorobiphenyl	92		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135659.d
Lab Smp Id: 460-41730-E-22-D Client Smp ID: F-28
Inj Date : 02-JUL-2012 16:50
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-22-D
Misc Info : 460-41730-E-22-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	10.42048	% Moisture

Cpnd Variable Local Compound Variable

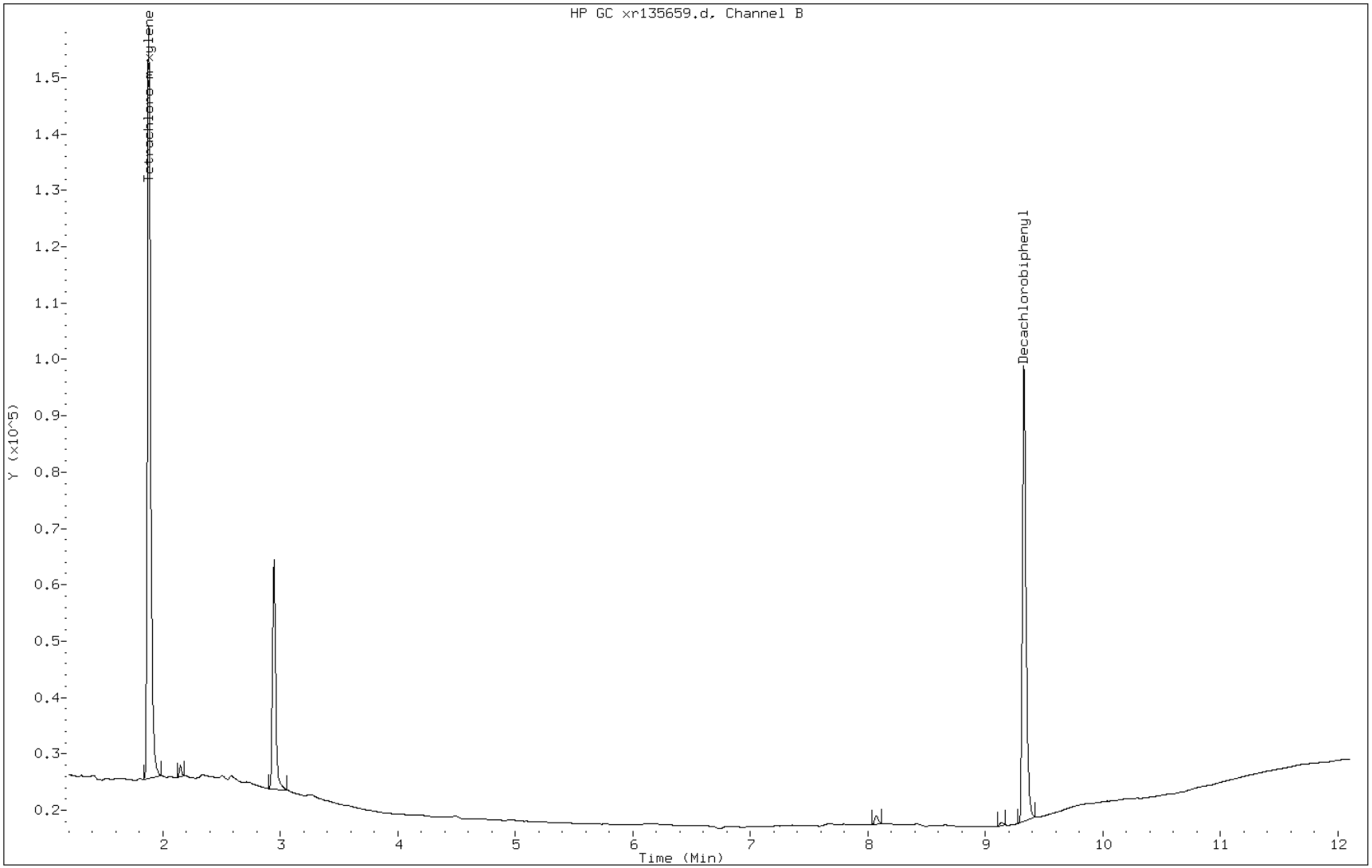
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.877	1.880	-0.003	252063	41.5303	31	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	173302	45.8038	34	80.00- 120.00	100.00

Data File: xr135659.d

Date: 02-JUL-2012 16:50

Client ID: F-28 Instrument: PESTGC1.i

Sample Info: 460-41730-E-22-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J Lab Sample ID: 460-41730-23

Matrix: Solid Lab File ID: WF703632.D

Analysis Method: 8081A Date Collected: 06/26/2012 00:00

Extraction Method: 3541 Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 10:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-150
2051-24-3	DCB Decachlorobiphenyl	85		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703632.D
Lab Smp Id: 460-41730-E-23-D Client Smp ID: FD-J
Inj Date : 02-JUL-2012 10:33
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-23-D
Misc Info : 460-41730-E-23-D
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	10.09346	% Moisture

Cpnd Variable Local Compound Variable

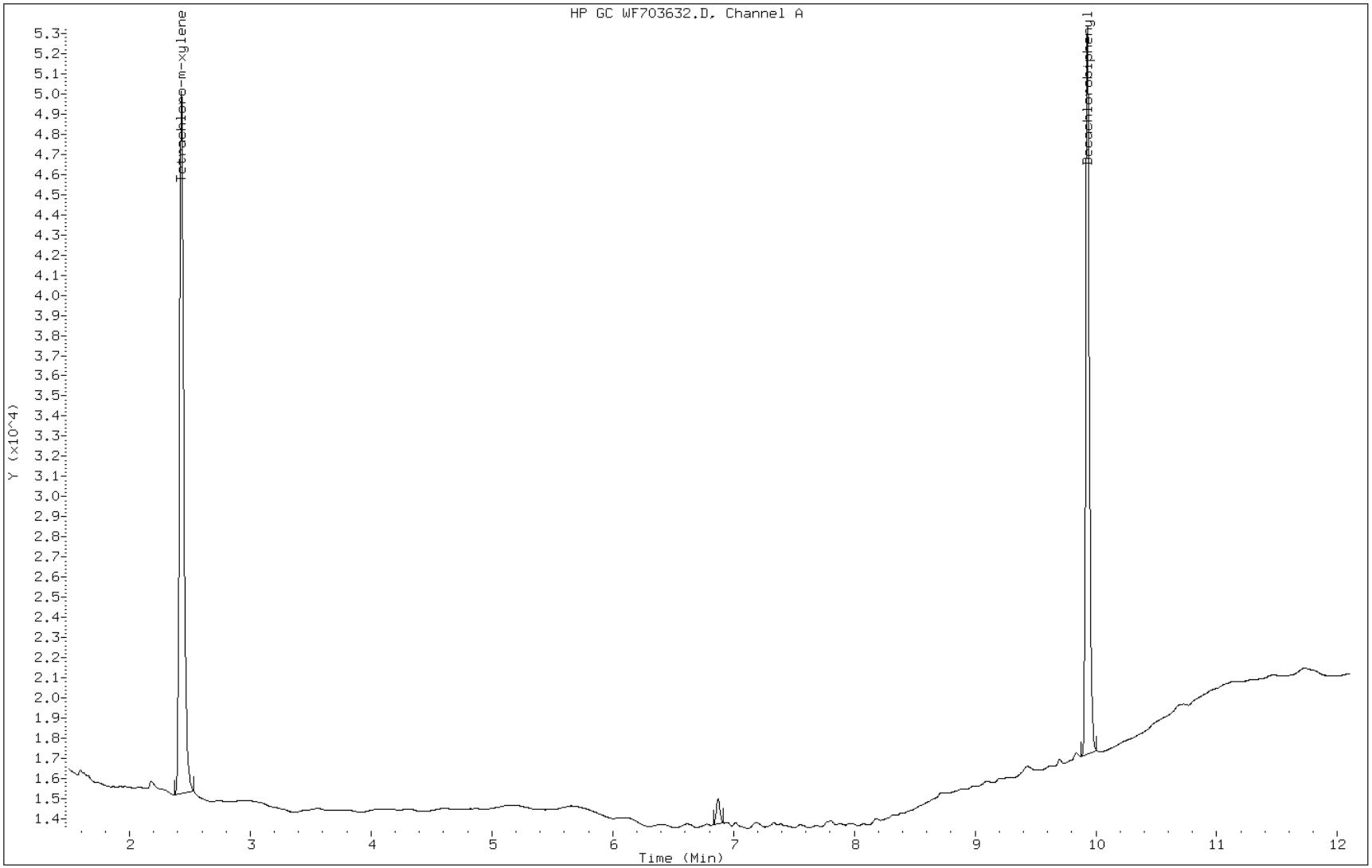
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.430	2.433	-0.003	87155	37.5330	28	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.930	9.930	0.000	74682	42.3041	31	80.00- 120.00	100.00

Data File: WF703632.D

Date: 02-JUL-2012 10:33

Client ID: FD-J Instrument: PESTGC4.i

Sample Info: 460-41730-E-23-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J | Lab Sample ID: 460-41730-23

Matrix: Solid | Lab File ID: WR703632.D

Analysis Method: 8081A | Date Collected: 06/26/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 10:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.4	1.6
319-84-6	alpha-BHC	1.4	U	7.4	1.4
319-85-7	beta-BHC	1.0	U	7.4	1.0
319-86-8	delta-BHC	1.1	U	7.4	1.1
58-89-9	gamma-BHC (Lindane)	0.87	U	7.4	0.87
57-74-9	Chlordane	16	U	74	16
72-54-8	4,4'-DDD	0.89	U	7.4	0.89
72-55-9	4,4'-DDE	1.4	U	7.4	1.4
50-29-3	4,4'-DDT	0.93	U	7.4	0.93
60-57-1	Dieldrin	1.4	U	7.4	1.4
959-98-8	Endosulfan I	1.6	U	7.4	1.6
33213-65-9	Endosulfan II	1.1	U	7.4	1.1
1031-07-8	Endosulfan sulfate	0.96	U	7.4	0.96
72-20-8	Endrin	1.0	U	7.4	1.0
7421-93-4	Endrin aldehyde	1.9	U	7.4	1.9
53494-70-5	Endrin ketone	1.1	U	7.4	1.1
76-44-8	Heptachlor	1.1	U	7.4	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.4	1.5
72-43-5	Methoxychlor	0.83	U	7.4	0.83
8001-35-2	Toxaphene	16	U	74	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		40-150
2051-24-3	DCB Decachlorobiphenyl	90		53-150

Data File: WR703632.D
Report Date: 05-Jul-2012 08:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703632.D
Lab Smp Id: 460-41730-E-23-D Client Smp ID: FD-J
Inj Date : 02-JUL-2012 10:33
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-23-D
Misc Info : 460-41730-E-23-D
Comment   :
Method   : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	10.09346	% Moisture

Cpnd Variable Local Compound Variable

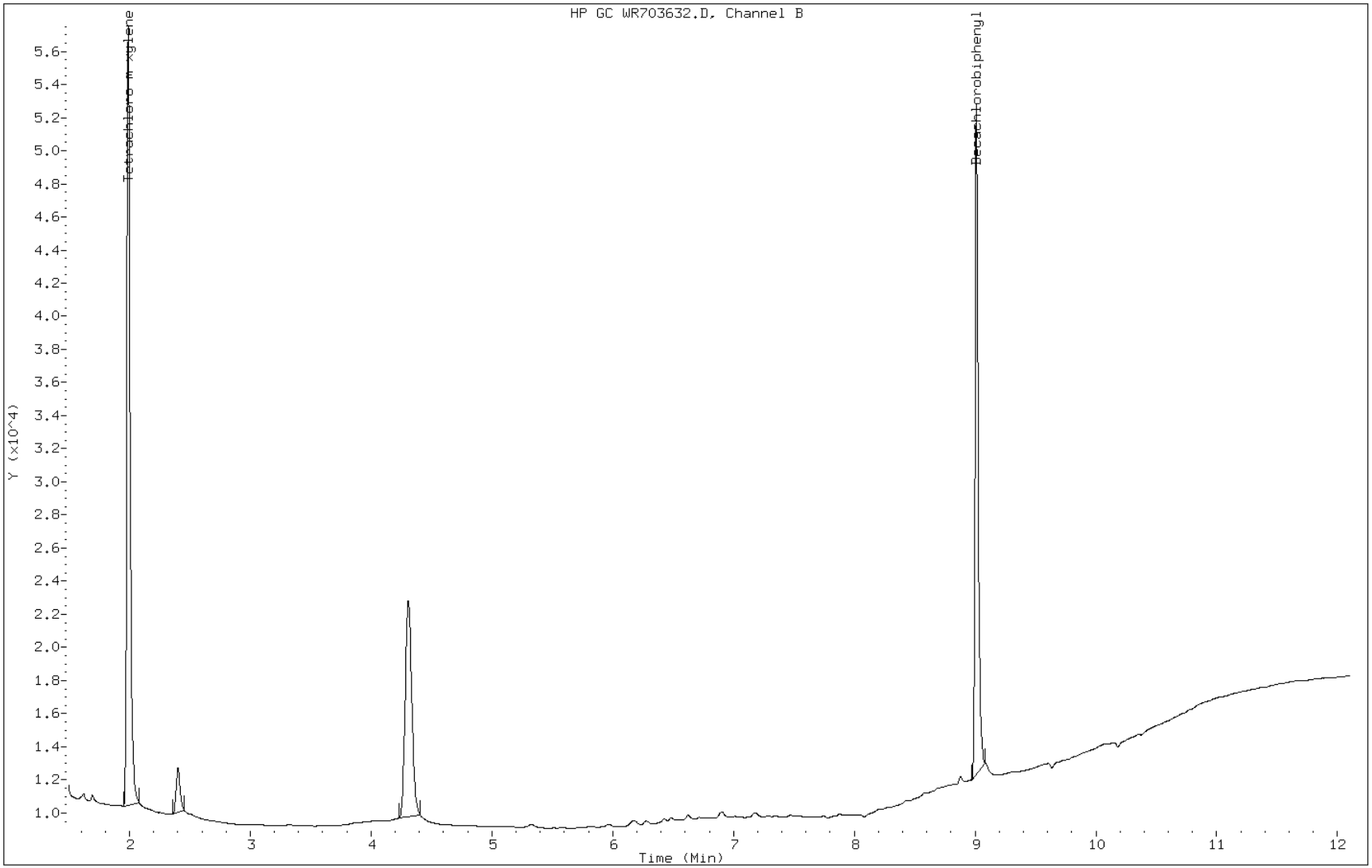
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.990	1.990	0.000	88169	43.1503	32	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.010	9.013	-0.003	70460	44.7588	33	80.00- 120.00	100.00

Data File: WR703632.D

Date: 02-JUL-2012 10:33

Client ID: FD-J Instrument: PESTGC4.i

Sample Info: 460-41730-E-23-D Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xf135561.d
Level 2	IC 460-117973/6	xf135562.d
Level 3	IC 460-117973/4	xf135560.d
Level 4	IC 460-117973/7	xf135563.d
Level 5	IC 460-117973/8	xf135564.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.770	2.770	2.770	2.770	2.770						2.720 - 2.820	2.770
gamma-BHC (Lindane)	3.110	3.110	3.110	3.110	3.110						3.060 - 3.160	3.110
beta-BHC	3.197	3.197	3.197	3.197	3.197						3.147 - 3.247	3.197
delta-BHC	3.570	3.570	3.570	3.570	3.570						3.520 - 3.620	3.570
Heptachlor	3.680	3.680	3.680	3.680	3.680						3.630 - 3.730	3.680
Aldrin	4.467	4.463	4.467	4.463	4.467						4.417 - 4.517	4.465
Heptachlor epoxide	6.003	6.000	6.000	6.000	6.000						5.930 - 6.070	6.001
gamma-Chlordane	6.483	6.483	6.483	6.483	6.483						6.413 - 6.553	6.483
alpha-Chlordane	6.843	6.843	6.843	6.840	6.843						6.773 - 6.913	6.843
Endosulfan I	6.987	6.987	6.987	6.987	6.983						6.917 - 7.057	6.986
4,4'-DDE	7.180	7.177	7.177	7.177	7.177						7.107 - 7.247	7.177
Dieldrin	7.453	7.453	7.450	7.450	7.450						7.380 - 7.520	7.451
Endrin	7.827	7.827	7.827	7.827	7.827						7.757 - 7.897	7.827
4,4'-DDD	7.937	7.933	7.933	7.933	7.933						7.863 - 8.003	7.934
Endosulfan II	8.070	8.070	8.070	8.067	8.070						8.000 - 8.140	8.069
4,4'-DDT	8.300	8.300	8.297	8.297	8.297						8.227 - 8.367	8.298
Endrin aldehyde	8.467	8.463	8.463	8.463	8.463						8.393 - 8.533	8.464
Endosulfan sulfate	8.793	8.793	8.793	8.793	8.793						8.723 - 8.863	8.793
Methoxychlor	9.103	9.103	9.103	9.100	9.100						9.033 - 9.173	9.102
Endrin ketone	9.393	9.393	9.393	9.390	9.390						9.323 - 9.463	9.392
Tetrachloro-m-xylene	2.277	2.277	2.277	2.277	2.277						2.227 - 2.327	2.277
DCB Decachlorobiphenyl	10.313	10.313	10.313	10.313	10.313						10.213 - 10.413	10.313

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xf135561.d
Level 2	IC 460-117973/6	xf135562.d
Level 3	IC 460-117973/4	xf135560.d
Level 4	IC 460-117973/7	xf135563.d
Level 5	IC 460-117973/8	xf135564.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	4901.8 4297.7	4978.1	4681.8	4424.0	Ave		4656.67080				6.3		20.0			
gamma-BHC (Lindane)	4474.1 3842.7	4519.1	4245.2	3996.8	Ave		4215.58520				7.0		20.0			
beta-BHC	2359.1 1834.4	2228.5	2049.1	1918.4	Ave		2077.90560				10.4		20.0			
delta-BHC	4050.0 3969.0	4479.7	4343.8	4116.9	Ave		4191.90040				5.1		20.0			
Heptachlor	3140.2 2815.6	3176.2	2849.3	2901.7	Ave		2976.60600				5.7		20.0			
Aldrin	3984.9 4103.5	4567.5	4486.0	4290.0	Ave		4286.37640				5.8		20.0			
Heptachlor epoxide	3977.3 3587.8	4218.6	4054.0	3802.8	Ave		3928.09640				6.2		20.0			
gamma-Chlordane	4074.8 3829.8	4317.2	4178.2	3981.8	Ave		4076.36480				4.6		20.0			
alpha-Chlordane	4027.6 3596.6	4175.4	3990.1	3764.6	Ave		3910.84800				5.9		20.0			
Endosulfan I	3525.1 3205.9	3781.0	3619.1	3380.1	Ave		3502.25280				6.3		20.0			
4,4'-DDE	3110.6 3345.2	3572.0	3568.4	3464.8	Ave		3412.19120				5.6		20.0			
Dieldrin	3527.9 3263.5	3769.1	3613.1	3426.7	Ave		3520.07000				5.4		20.0			
Endrin	2980.1 2592.0	3022.8	2878.9	2701.9	Ave		2835.13880				6.5		20.0			
4,4'-DDD	2537.5 2477.7	2699.4	2596.5	2527.0	Ave		2567.62480				3.3		20.0			
Endosulfan II	3114.4 2750.1	3190.0	3007.8	2836.2	Ave		2979.70480				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16246

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2327.4 2266.3	2402.0	2247.6	2252.8	Ave		2299.22280				2.9		20.0			
Endrin aldehyde	2831.7 2188.2	2610.0	2455.1	2290.7	Ave		2475.13080				10.3		20.0			
Endosulfan sulfate	2869.7 2425.6	2856.3	2711.4	2538.9	Ave		2680.35720				7.3		20.0			
Methoxychlor	1134.6 895.15	1078.0	950.87	925.48	Ave		996.819600				10.4		20.0			
Endrin ketone	3101.4 2527.9	2966.9	2765.3	2616.8	Ave		2795.67520				8.5		20.0			
Tetrachloro-m-xylene	3822.0 3262.3	3629.6	3445.5	3298.8	Ave		3491.65167				6.7		20.0			
DCB Decachlorobiphenyl	2564.9 2157.5	2390.6	2259.4	2180.3	Ave		2310.54567				7.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xf135561.d
Level 2	IC 460-117973/6	xf135562.d
Level 3	IC 460-117973/4	xf135560.d
Level 4	IC 460-117973/7	xf135563.d
Level 5	IC 460-117973/8	xf135564.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	49018	248903	468180	1105998	2148851	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	44741	225954	424521	999211	1921346	10.0	50.0	100	250	500
beta-BHC	Ave	23591	111425	204910	479608	917198	10.0	50.0	100	250	500
delta-BHC	Ave	40500	223987	434382	1029226	1984519	10.0	50.0	100	250	500
Heptachlor	Ave	31402	158812	284931	725418	1407804	10.0	50.0	100	250	500
Aldrin	Ave	39849	228375	448602	1072496	2051739	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	39773	210928	405398	950704	1793913	10.0	50.0	100	250	500
gamma-Chlordane	Ave	40748	215859	417823	995446	1914915	10.0	50.0	100	250	500
alpha-Chlordane	Ave	40276	208770	399006	941150	1798290	10.0	50.0	100	250	500
Endosulfan I	Ave	35251	189052	361913	845032	1602933	10.0	50.0	100	250	500
4,4'-DDE	Ave	31106	178598	356842	866195	1672598	10.0	50.0	100	250	500
Dieldrin	Ave	35279	188457	361311	856677	1631746	10.0	50.0	100	250	500
Endrin	Ave	29801	151142	287886	675464	1296019	10.0	50.0	100	250	500
4,4'-DDD	Ave	25375	134972	259650	631750	1238842	10.0	50.0	100	250	500
Endosulfan II	Ave	31144	159500	300776	709060	1375062	10.0	50.0	100	250	500
4,4'-DDT	Ave	23274	120098	224761	563207	1133158	10.0	50.0	100	250	500
Endrin aldehyde	Ave	28317	130501	245505	572665	1094112	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	28697	142813	271139	634721	1212776	10.0	50.0	100	250	500
Methoxychlor	Ave	11346	53900	95087	231369	447576	10.0	50.0	100	250	500
Endrin ketone	Ave	31014	148346	276529	654209	1263965	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	95551	181482	344547	494822	652459	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	64122	119528	225943	327050	431505	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: xf135560.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135560.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 29-JUN-2012 06:04
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.277	2.277	0.000	344547	100.000	99	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	468180	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	424521	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	204910	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.570	3.570	0.000	434382	100.000	100	80.00- 120.00		100.00

Data File: xf135560.d
Report Date: 29-Jun-2012 08:26

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.680	3.680	0.000	284931	100.000	98	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.467	4.467	0.000	448602	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.000	6.000	0.000	405398	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.483	6.483	0.000	417823	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.843	6.843	0.000	399006	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.987	0.000	361913	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	356842	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.450	7.450	0.000	361311	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	287886	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	259650	100.000	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	300776	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	224761	100.000	98	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.463	0.000	245505	100.000	99	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	271139	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	95087	100.000	95	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	276529	100.000	99	80.00- 120.00	100.00

Data File: xf135560.d
Report Date: 29-Jun-2012 08:26

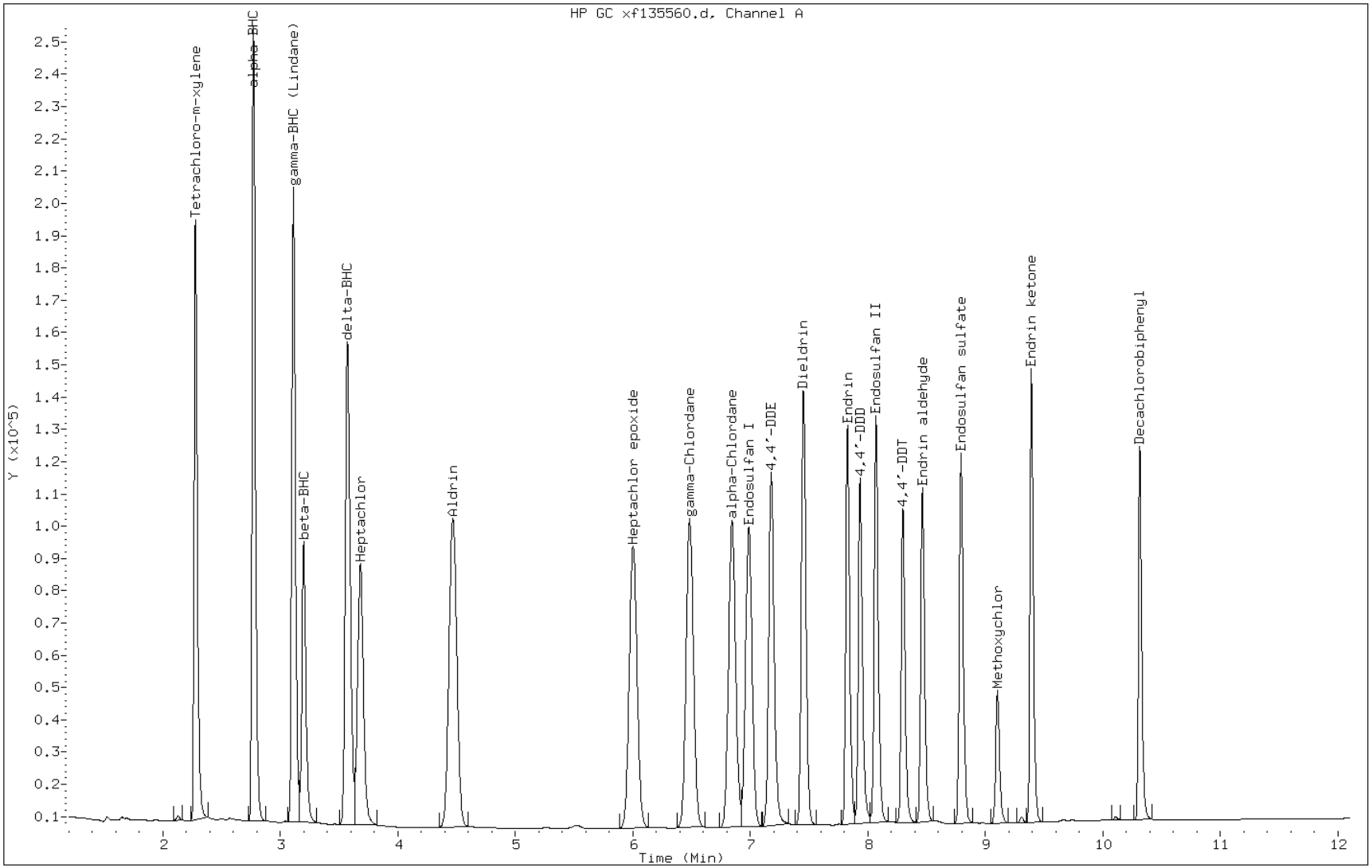
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	225943	100.000	98	80.00- 120.00	100.00

Data File: xf135560.d

Date: 29-JUN-2012 06:04

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



Data File: xf135561.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135561.d
Lab Smp Id: SGPESTL1_00015
Inj Date : 29-JUN-2012 06:18
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 06:18 Cal File: xf135561.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.277	2.277	0.000	95551	25.0000	27	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	49018	10.0000	10	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	44741	10.0000	11	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	23591	10.0000	11	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.570	3.570	0.000	40500	10.0000	9.7	80.00- 120.00		100.00

Data File: xf135561.d
Report Date: 29-Jun-2012 08:26

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.680	3.680	0.000	31402	10.0000	10	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
4.467	4.467	0.000	39849	10.0000	9.3	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.003	6.000	0.003	39773	10.0000	10	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.483	6.483	0.000	40748	10.0000	10	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.843	6.843	0.000	40276	10.0000	10	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.987	6.987	0.000	35251	10.0000	10	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
7.180	7.177	0.003	31106	10.0000	9.1	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
7.453	7.450	0.003	35279	10.0000	10	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.827	7.827	0.000	29801	10.0000	10	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.937	7.933	0.004	25375	10.0000	9.9	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
8.070	8.070	0.000	31144	10.0000	10	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
8.300	8.297	0.003	23274	10.0000	10	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
8.467	8.463	0.004	28317	10.0000	11	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.793	8.793	0.000	28697	10.0000	11	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
9.103	9.103	0.000	11346	10.0000	11	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
9.393	9.393	0.000	31014	10.0000	11	80.00- 120.00		100.00

Data File: xf135561.d
Report Date: 29-Jun-2012 08:26

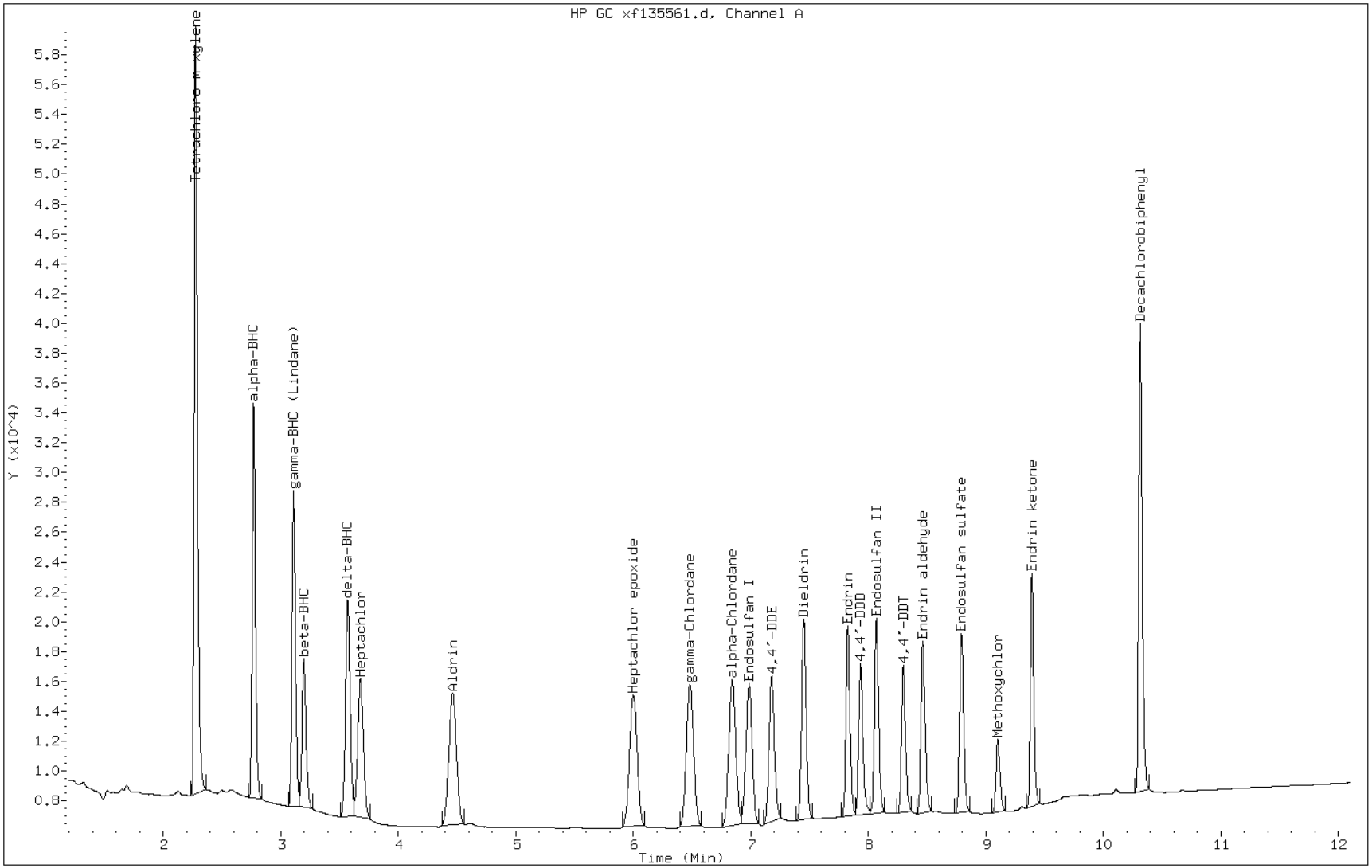
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	64122	25.0000	28	80.00- 120.00	100.00

Data File: xf135561.d

Date: 29-JUN-2012 06:18

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00015 Operator:



Data File: xf135562.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135562.d
Lab Smp Id: SGPESTL2_00012
Inj Date : 29-JUN-2012 06:31
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 06:31 Cal File: xf135562.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.277	2.277	0.000	181482	50.0000	52	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	248903	50.0000	53	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.110	0.000	225954	50.0000	54	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	111425	50.0000	54	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	223987	50.0000	53	80.00- 120.00	100.00

Data File: xf135562.d
Report Date: 29-Jun-2012 08:26

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.680	3.680	0.000	158812	50.0000	53	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.463	4.467	-0.004	228375	50.0000	53	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.000	6.000	0.000	210928	50.0000	54	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.483	6.483	0.000	215859	50.0000	53	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.843	6.843	0.000	208770	50.0000	53	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.987	0.000	189052	50.0000	54	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	178598	50.0000	52	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.453	7.450	0.003	188457	50.0000	54	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	151142	50.0000	53	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	134972	50.0000	52	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	159500	50.0000	54	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.297	0.003	120098	50.0000	52	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.463	0.000	130501	50.0000	53	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	142813	50.0000	53	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	53900	50.0000	54	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	148346	50.0000	53	80.00- 120.00	100.00

Data File: xf135562.d
Report Date: 29-Jun-2012 08:26

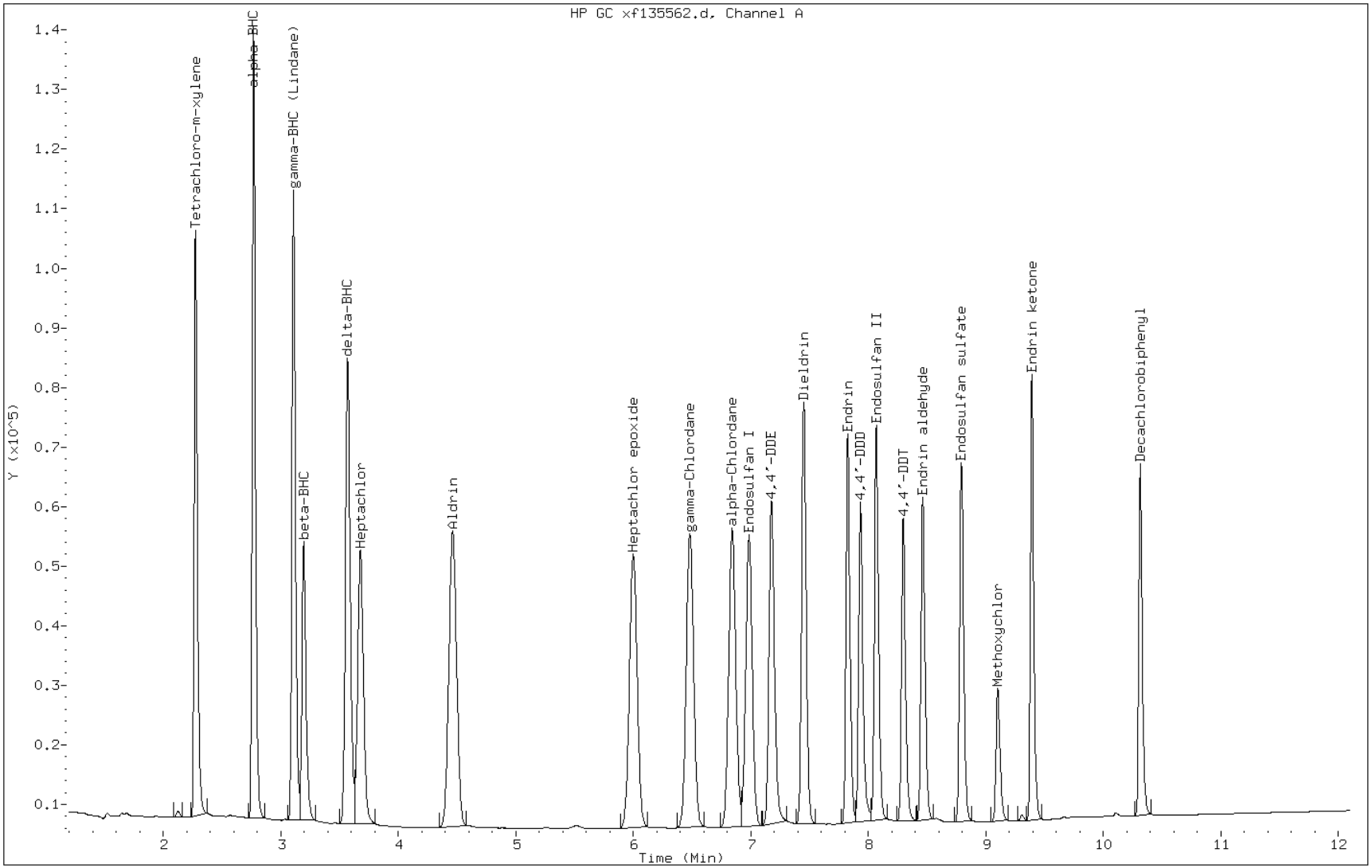
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	119528	50.0000	52	80.00- 120.00	100.00

Data File: xf135562.d

Date: 29-JUN-2012 06:31

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00012 Operator:



Data File: xf135563.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135563.d
Lab Smp Id: SGPESTL4_00012
Inj Date : 29-JUN-2012 06:45
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 06:45 Cal File: xf135563.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.277	2.277	0.000	494822	150.000	140	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	1105998	250.000	240	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	999211	250.000	240	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	479608	250.000	230	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.570	3.570	0.000	1029226	250.000	240	80.00- 120.00		100.00

Data File: xf135563.d
Report Date: 29-Jun-2012 08:26

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.680	3.680	0.000	725418	250.000	240	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
4.463	4.467	-0.004	1072496	250.000	250	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.000	6.000	0.000	950704	250.000	240	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.483	6.483	0.000	995446	250.000	240	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.840	6.843	-0.003	941150	250.000	240	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.987	6.987	0.000	845032	250.000	240	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
7.177	7.177	0.000	866195	250.000	250	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
7.450	7.450	0.000	856677	250.000	240	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.827	7.827	0.000	675464	250.000	240	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.933	7.933	0.000	631750	250.000	250	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
8.067	8.070	-0.003	709060	250.000	240	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
8.297	8.297	0.000	563207	250.000	240	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
8.463	8.463	0.000	572665	250.000	230	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.793	8.793	0.000	634721	250.000	240	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
9.100	9.103	-0.003	231369	250.000	230	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
9.390	9.393	-0.003	654209	250.000	230	80.00- 120.00		100.00

Data File: xf135563.d
Report Date: 29-Jun-2012 08:26

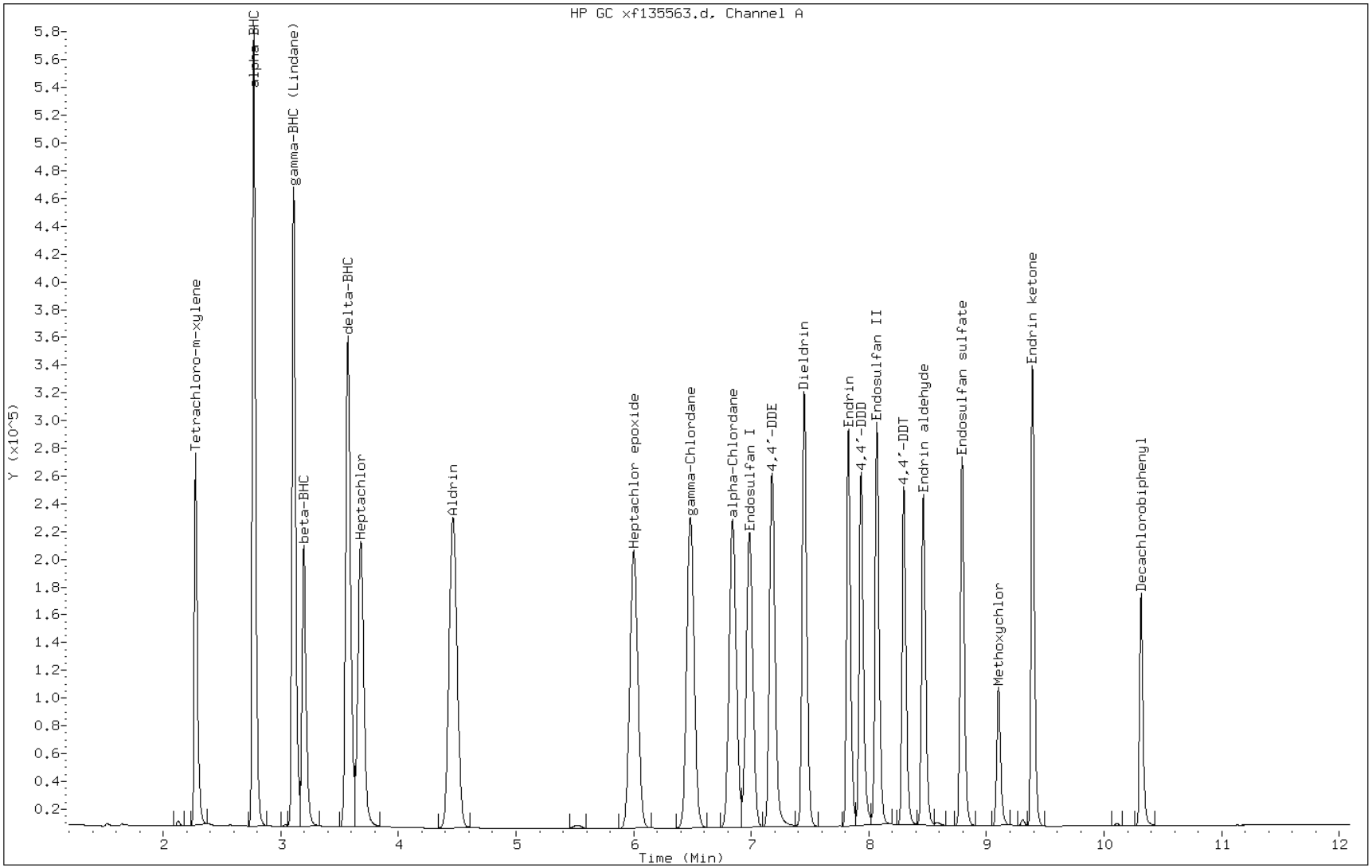
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	327050	150.000	140	80.00- 120.00	100.00

Data File: xf135563.d

Date: 29-JUN-2012 06:45

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00012 Operator:



Data File: xf135564.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135564.d
Lab Smp Id: SGPESTL5_00012
Inj Date : 29-JUN-2012 06:59
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 06:59 Cal File: xf135564.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
2.277	2.277	0.000	652459	200.000	190	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.770	2.770	0.000	2148851	500.000	460	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.110	3.110	0.000	1921346	500.000	460	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
3.197	3.197	0.000	917198	500.000	440	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
3.570	3.570	0.000	1984519	500.000	470	80.00- 120.00		100.00

Data File: xf135564.d
Report Date: 29-Jun-2012 08:26

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
3.680	3.680	0.000	1407804	500.000	470	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
4.467	4.467	0.000	2051739	500.000	480	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
6.000	6.000	0.000	1793913	500.000	460	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
6.483	6.483	0.000	1914915	500.000	470	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
6.843	6.843	0.000	1798290	500.000	460	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
6.983	6.987	-0.004	1602933	500.000	460	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
7.177	7.177	0.000	1672598	500.000	490	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
7.450	7.450	0.000	1631746	500.000	460	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
7.827	7.827	0.000	1296019	500.000	460	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
7.933	7.933	0.000	1238842	500.000	480	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
8.070	8.070	0.000	1375062	500.000	460	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
8.297	8.297	0.000	1133158	500.000	490	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
8.463	8.463	0.000	1094112	500.000	440	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
8.793	8.793	0.000	1212776	500.000	450	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
9.100	9.103	-0.003	447576	500.000	450	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
9.390	9.393	-0.003	1263965	500.000	450	80.00- 120.00	100.00

Data File: xf135564.d
Report Date: 29-Jun-2012 08:26

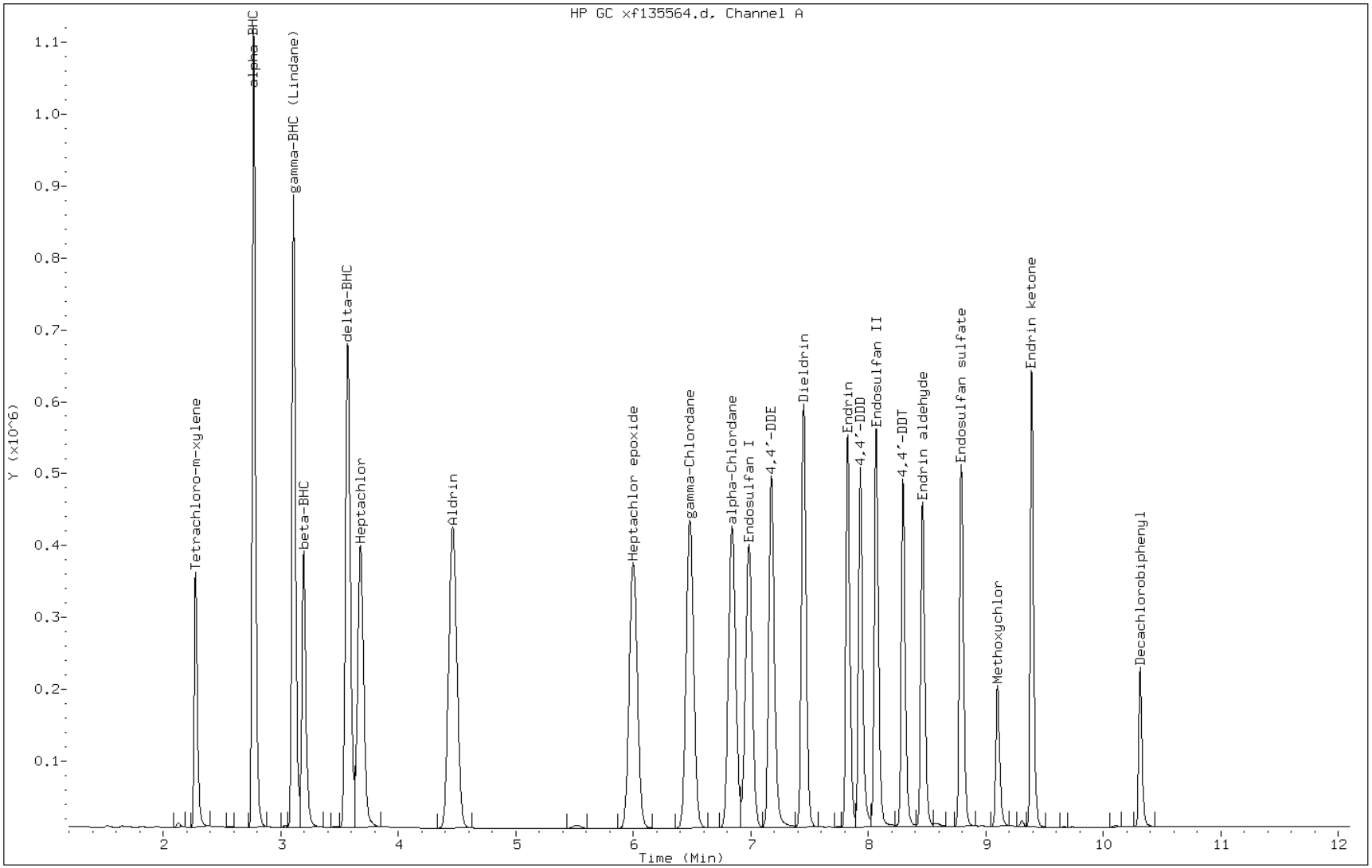
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	431505	200.000	190	80.00- 120.00	100.00

Data File: xf135564.d

Date: 29-JUN-2012 06:59

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL5_00012 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xr135561.d
Level 2	IC 460-117973/6	xr135562.d
Level 3	IC 460-117973/4	xr135560.d
Level 4	IC 460-117973/7	xr135563.d
Level 5	IC 460-117973/8	xr135564.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.267	2.267	2.267	2.267	2.267						2.217 - 2.317	2.267
gamma-BHC (Lindane)	2.490	2.490	2.490	2.490	2.490						2.440 - 2.540	2.490
beta-BHC	2.553	2.553	2.553	2.553	2.553						2.503 - 2.603	2.553
delta-BHC	2.680	2.680	2.680	2.680	2.680						2.630 - 2.730	2.680
Heptachlor	2.850	2.847	2.847	2.850	2.850						2.797 - 2.897	2.849
Aldrin	3.113	3.110	3.110	3.113	3.110						3.060 - 3.160	3.111
Heptachlor epoxide	3.910	3.910	3.910	3.910	3.910						3.840 - 3.980	3.910
gamma-Chlordane	4.207	4.207	4.207	4.207	4.207						4.137 - 4.277	4.207
alpha-Chlordane	4.520	4.517	4.517	4.517	4.517						4.447 - 4.587	4.517
4,4'-DDE	4.723	4.720	4.720	4.723	4.720						4.650 - 4.790	4.721
Endosulfan I	4.823	4.820	4.820	4.823	4.820						4.750 - 4.890	4.821
Dieldrin	5.420	5.420	5.420	5.420	5.420						5.350 - 5.490	5.420
Endrin	6.010	6.007	6.007	6.007	6.007						5.937 - 6.077	6.007
4,4'-DDD	6.203	6.203	6.203	6.203	6.203						6.133 - 6.273	6.203
Endosulfan II	6.553	6.550	6.550	6.550	6.550						6.480 - 6.620	6.551
4,4'-DDT	6.870	6.870	6.870	6.870	6.870						6.800 - 6.940	6.870
Endrin aldehyde	7.363	7.363	7.363	7.363	7.360						7.293 - 7.433	7.363
Methoxychlor	7.650	7.650	7.647	7.647	7.647						7.577 - 7.717	7.648
Endosulfan sulfate	7.877	7.877	7.873	7.877	7.873						7.803 - 7.943	7.875
Endrin ketone	8.187	8.187	8.187	8.187	8.187						8.117 - 8.257	8.187
Tetrachloro-m-xylene	1.883	1.880	1.880	1.880	1.880						1.830 - 1.930	1.881
DCB Decachlorobiphenyl	9.330	9.330	9.330	9.330	9.330						9.230 - 9.430	9.330

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xr135561.d
Level 2	IC 460-117973/6	xr135562.d
Level 3	IC 460-117973/4	xr135560.d
Level 4	IC 460-117973/7	xr135563.d
Level 5	IC 460-117973/8	xr135564.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	9986.3 6804.8	9036.6	7966.5	7177.4	Ave		8194.33160				16.1		20.0			
gamma-BHC (Lindane)	8997.5 5868.2	7947.1	7012.2	6244.7	Ave		7213.93800				17.7		20.0			
beta-BHC	4429.0 2896.6	3928.3	3488.8	3133.3	Ave		3575.18480				17.2		20.0			
delta-BHC	8684.8 6090.6	8006.1	7209.2	6462.4	Ave		7290.63560				14.7		20.0			
Heptachlor	8551.6 5212.4	7601.4	6700.7	5774.8	Ave		6768.17480				19.9		20.0			
Aldrin	8062.4 5328.7	7450.7	6657.1	5891.9	Ave		6678.19280				16.7		20.0			
Heptachlor epoxide	8793.5 5556.0	7993.7	7317.3	6282.2	Ave		7188.52080				18.0		20.0			
gamma-Chlordane	8573.9 6224.2	8072.9	7568.7	6734.5	Ave		7434.85640				12.9		20.0			
alpha-Chlordane	8280.6 5896.3	7662.8	7022.2	6378.3	Ave		7048.03000				13.6		20.0			
4,4'-DDE	6807.8 5433.0	6647.7	6356.5	5813.5	Ave		6211.69680				9.3		20.0			
Endosulfan I	7993.2 5430.5	7436.5	6874.7	6102.2	Ave		6767.42840				15.1		20.0			
Dieldrin	7365.7 5608.1	7230.6	6819.0	6138.4	Ave		6632.36880				11.2		20.0			
Endrin	6574.1 4922.1	6331.8	6053.4	5430.9	Ave		5862.44640				11.5		20.0			
4,4'-DDD	4835.8 4572.1	5064.3	5050.5	4889.1	Ave		4882.34080				4.1		20.0			
Endosulfan II	6389.9 4720.3	6085.2	5627.7	5096.1	Ave		5583.83280				12.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16245

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	5708.2 4892.3	5765.9	5481.9	5175.8	Ave		5404.83240				6.8		20.0			
Endrin aldehyde	4580.9 3280.2	4231.3	3872.4	3542.2	Ave		3901.40840				13.4		20.0			
Methoxychlor	2467.9 1775.7	2260.1	2066.0	1928.4	Ave		2099.59840				13.0		20.0			
Endosulfan sulfate	4417.1 3239.6	4162.4	3820.1	3511.9	Ave		3830.22400				12.4		20.0			
Endrin ketone	5198.9 3639.9	4786.5	4310.1	3948.5	Ave		4376.77240				14.3		20.0			
Tetrachloro-m-xylene	6920.0 5504.3	6478.7	5834.3	5609.7	Ave		6069.37600				10.0		20.0			
DCB Decachlorobiphenyl	4260.5 3443.1	4039.3	3587.6	3587.5	Ave		3783.57267				9.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 06:04 Calibration End Date: 06/29/2012 06:59 Calibration ID: 16245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/5	xr135561.d
Level 2	IC 460-117973/6	xr135562.d
Level 3	IC 460-117973/4	xr135560.d
Level 4	IC 460-117973/7	xr135563.d
Level 5	IC 460-117973/8	xr135564.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	99863	451832	796650	1794358	3402393	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	89975	397356	701215	1561170	2934120	10.0	50.0	100	250	500
beta-BHC	Ave	44290	196413	348880	783317	1448298	10.0	50.0	100	250	500
delta-BHC	Ave	86848	400307	720919	1615609	3045306	10.0	50.0	100	250	500
Heptachlor	Ave	85516	380070	670068	1443708	2606181	10.0	50.0	100	250	500
Aldrin	Ave	80624	372537	665714	1472985	2664372	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	87935	399683	731728	1570546	2777990	10.0	50.0	100	250	500
gamma-Chlordane	Ave	85739	403647	756867	1683634	3112118	10.0	50.0	100	250	500
alpha-Chlordane	Ave	82806	383139	702221	1594572	2948136	10.0	50.0	100	250	500
4,4'-DDE	Ave	68078	332385	635653	1453371	2716485	10.0	50.0	100	250	500
Endosulfan I	Ave	79932	371825	687471	1525560	2715246	10.0	50.0	100	250	500
Dieldrin	Ave	73657	361532	681902	1534591	2804060	10.0	50.0	100	250	500
Endrin	Ave	65741	316590	605336	1357728	2461030	10.0	50.0	100	250	500
4,4'-DDD	Ave	48358	253213	505045	1222270	2286057	10.0	50.0	100	250	500
Endosulfan II	Ave	63899	304259	562766	1274022	2360168	10.0	50.0	100	250	500
4,4'-DDT	Ave	57082	288297	548187	1293952	2446172	10.0	50.0	100	250	500
Endrin aldehyde	Ave	45809	211564	387244	885556	1640099	10.0	50.0	100	250	500
Methoxychlor	Ave	24679	113003	206597	482092	887847	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	44171	208122	382006	877982	1619796	10.0	50.0	100	250	500
Endrin ketone	Ave	51989	239325	431009	987116	1819954	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	173000	323933	583426	841449	1100860	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	106512	201963	358756	538124	688614	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135560.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 29-JUN-2012 06:04
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.880	1.880	0.000	583426	100.000	96	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	796650	100.000	97	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	701215	100.000	97	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	348880	100.000	98	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	720919	100.000	99	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
2.847	2.847	0.000	670068	100.000	99	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.110	3.110	0.000	665714	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.910	3.910	0.000	731728	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.207	4.207	0.000	756867	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.517	4.517	0.000	702221	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.720	4.720	0.000	635653	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.820	4.820	0.000	687471	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.420	5.420	0.000	681902	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.007	6.007	0.000	605336	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.203	0.000	505045	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.550	6.550	0.000	562766	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.870	0.000	548187	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	387244	100.000	99	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.647	7.647	0.000	206597	100.000	98	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.873	7.873	0.000	382006	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	431009	100.000	98	80.00- 120.00		100.00

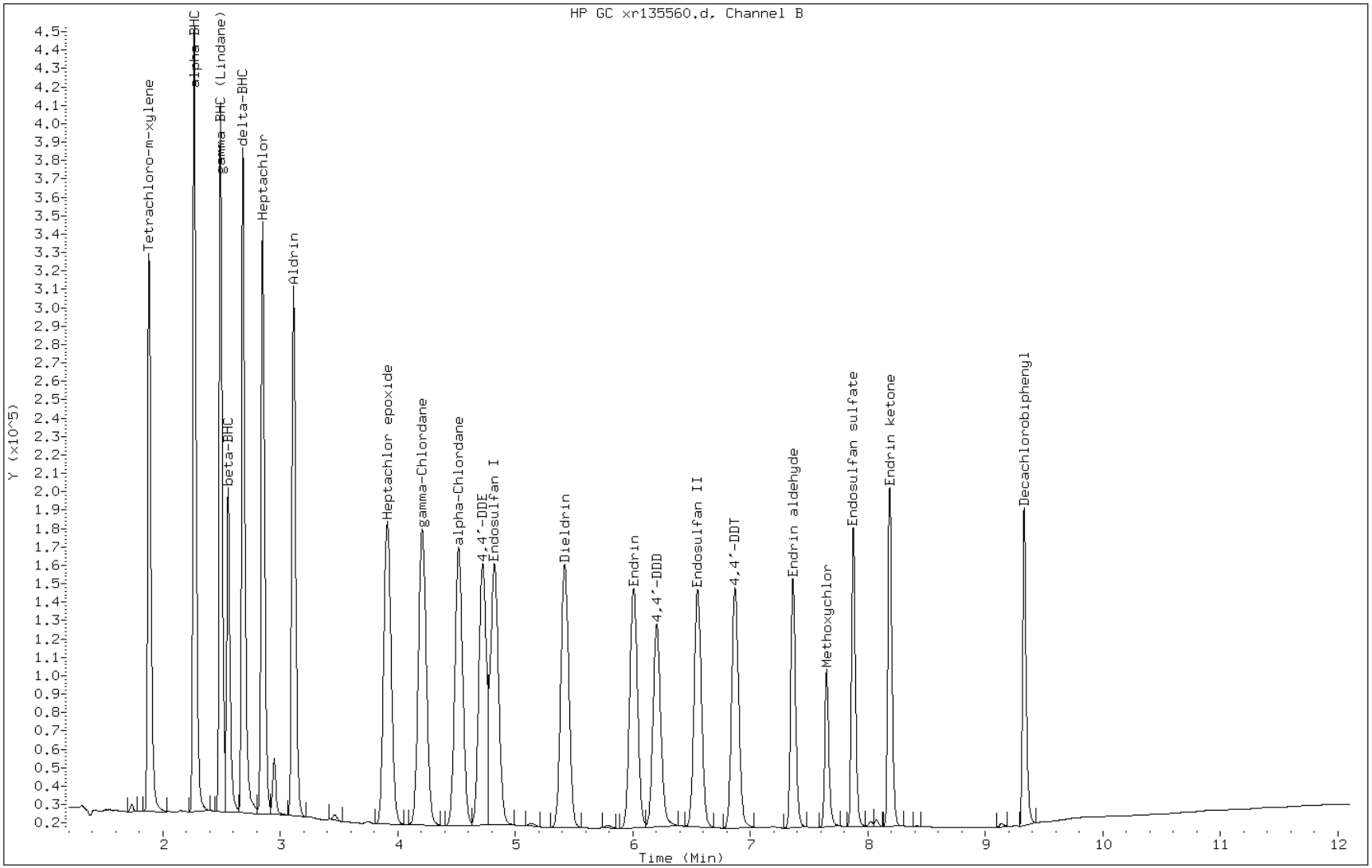
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	358756	100.000	95	80.00- 120.00	100.00

Data File: xr135560.d

Date: 29-JUN-2012 06:04

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135561.d
Lab Smp Id: SGPESTL1_00015
Inj Date : 29-JUN-2012 06:18
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	============		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.883	1.880	0.003	173000	25.0000	28	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	99863	10.0000	12	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	89975	10.0000	12	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	44290	10.0000	12	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	86848	10.0000	12	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
2.850	2.847	0.003	85516	10.0000	13	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.113	3.110	0.003	80624	10.0000	12	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.910	3.910	0.000	87935	10.0000	12	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.207	4.207	0.000	85739	10.0000	12	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.520	4.517	0.003	82806	10.0000	12	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.723	4.720	0.003	68078	10.0000	11	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.823	4.820	0.003	79932	10.0000	12	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.420	5.420	0.000	73657	10.0000	11	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.010	6.007	0.003	65741	10.0000	11	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.203	0.000	48358	10.0000	9.9	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.553	6.550	0.003	63899	10.0000	11	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.870	0.000	57082	10.0000	10	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	45809	10.0000	12	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.647	0.003	24679	10.0000	12	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.877	7.873	0.004	44171	10.0000	12	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	51989	10.0000	12	80.00- 120.00		100.00

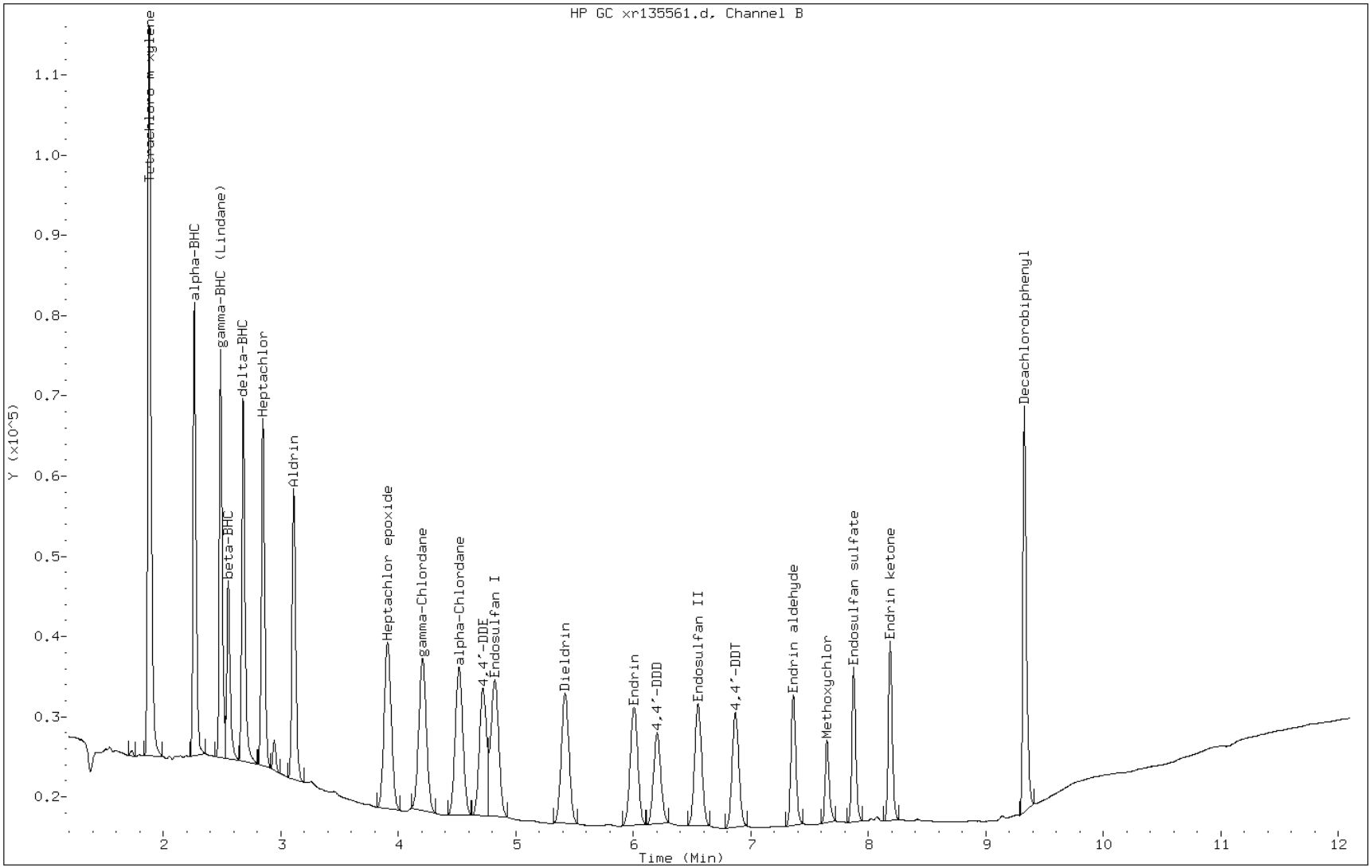
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	106512	25.0000	28	80.00- 120.00	100.00

Data File: xr135561.d

Date: 29-JUN-2012 06:18

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00015 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135562.d
Lab Smp Id: SGPESTL2_00012
Inj Date : 29-JUN-2012 06:31
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.880	1.880	0.000	323933	50.0000	53	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	451832	50.0000	55	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	397356	50.0000	55	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	196413	50.0000	55	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	400307	50.0000	55	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
2.847	2.847	0.000	380070	50.0000	56	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.110	3.110	0.000	372537	50.0000	56	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.910	3.910	0.000	399683	50.0000	56	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.207	4.207	0.000	403647	50.0000	54	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.517	4.517	0.000	383139	50.0000	54	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.720	4.720	0.000	332385	50.0000	54	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.820	4.820	0.000	371825	50.0000	55	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.420	5.420	0.000	361532	50.0000	54	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.007	6.007	0.000	316590	50.0000	54	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.203	0.000	253213	50.0000	52	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.550	6.550	0.000	304259	50.0000	54	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.870	0.000	288297	50.0000	53	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	211564	50.0000	54	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.647	0.003	113003	50.0000	54	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.877	7.873	0.004	208122	50.0000	54	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	239325	50.0000	55	80.00- 120.00		100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
9.330	9.330	0.000	201963	50.0000	53	80.00- 120.00	100.00

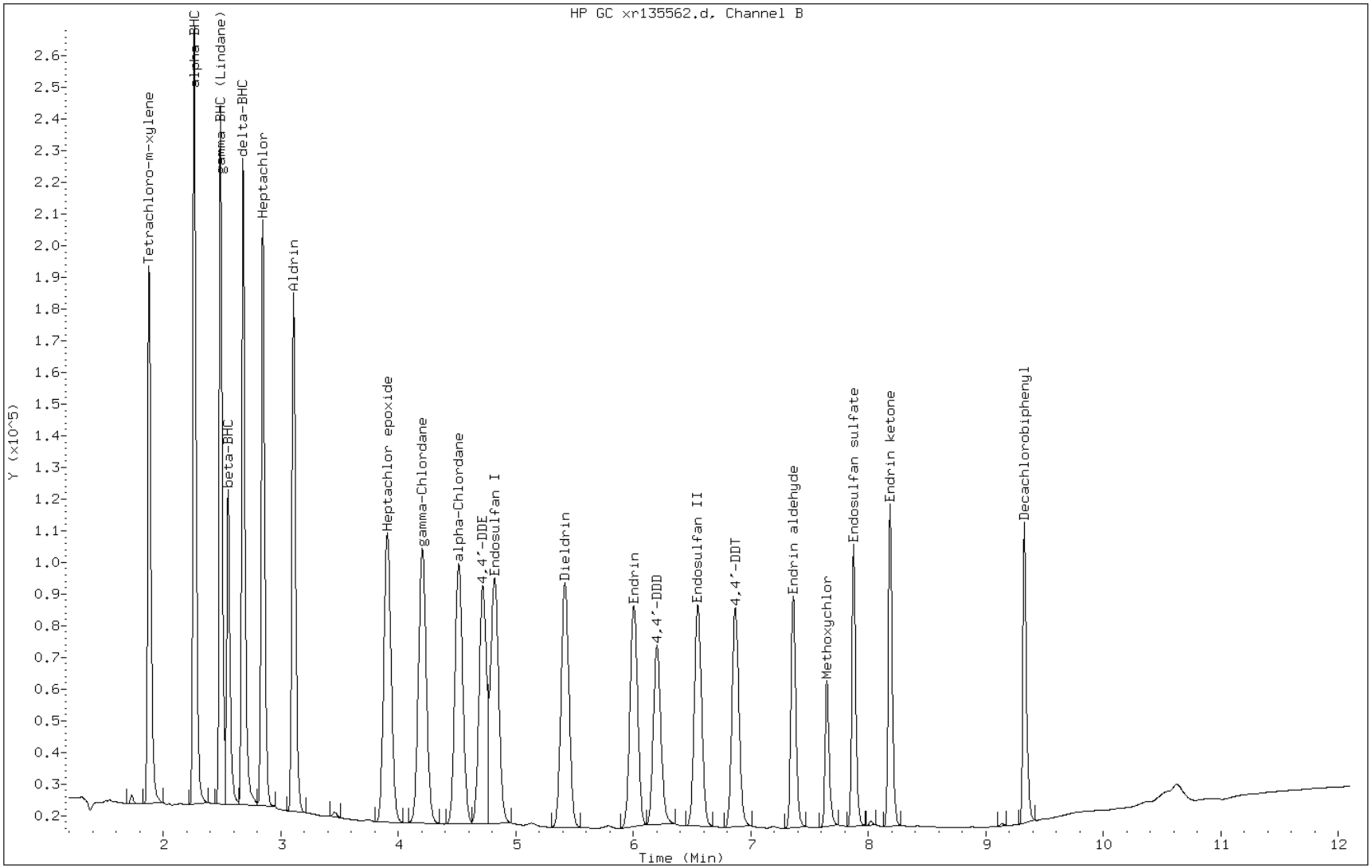
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: xr135562.d

Date: 29-JUN-2012 06:31

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00012 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135563.d
Lab Smp Id: SGPESTL4_00012
Inj Date : 29-JUN-2012 06:45
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.880	1.880	0.000	841449	150.000	140	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.267	0.000	1794358	250.000	220	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.490	0.000	1561170	250.000	220	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.553	0.000	783317	250.000	220	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.680	0.000	1615609	250.000	220	80.00- 120.00	100.00

				AMOUNTS				
					CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE		(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8		
2.850	2.847	0.003	1443708	250.000		210	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2		
3.113	3.110	0.003	1472985	250.000		220	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.910	3.910	0.000	1570546	250.000		220	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.207	4.207	0.000	1683634	250.000		230	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.517	4.517	0.000	1594572	250.000		230	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.723	4.720	0.003	1453371	250.000		230	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8		
4.823	4.820	0.003	1525560	250.000		220	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1		
5.420	5.420	0.000	1534591	250.000		230	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8		
6.007	6.007	0.000	1357728	250.000		230	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.203	0.000	1222270	250.000		250	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.550	6.550	0.000	1274022	250.000		230	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.870	0.000	1293952	250.000		240	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	885556	250.000		230	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5		
7.647	7.647	0.000	482092	250.000		230	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.877	7.873	0.004	877982	250.000		230	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	987116	250.000		220	80.00- 120.00	100.00

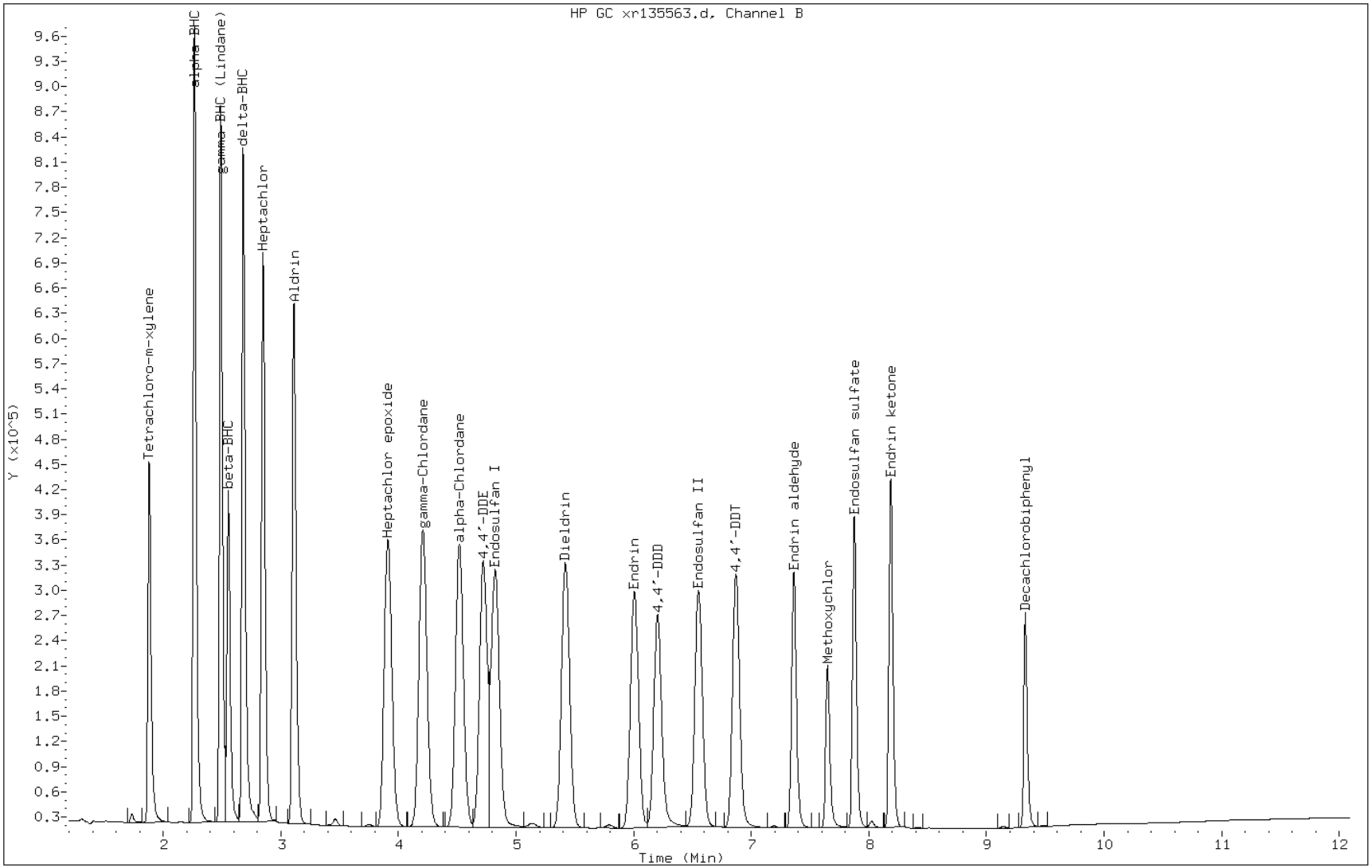
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	538124	150.000	140	80.00- 120.00	100.00

Data File: xr135563.d

Date: 29-JUN-2012 06:45

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00012 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135564.d
Lab Smp Id: SGPESTL5_00012
Inj Date : 29-JUN-2012 06:59
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
1.880	1.880	0.000	1100860	200.000	180	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.267	2.267	0.000	3402393	500.000	420	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
2.490	2.490	0.000	2934120	500.000	410	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
2.553	2.553	0.000	1448298	500.000	400	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
2.680	2.680	0.000	3045306	500.000	420	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
2.850	2.847	0.003	2606181	500.000	380	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.110	3.110	0.000	2664372	500.000	400	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.910	3.910	0.000	2777990	500.000	390	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.207	4.207	0.000	3112118	500.000	420	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.517	4.517	0.000	2948136	500.000	420	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.720	4.720	0.000	2716485	500.000	440	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.820	4.820	0.000	2715246	500.000	400	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.420	5.420	0.000	2804060	500.000	420	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.007	6.007	0.000	2461030	500.000	420	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.203	0.000	2286057	500.000	470	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.550	6.550	0.000	2360168	500.000	420	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.870	0.000	2446172	500.000	450	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.360	7.363	-0.003	1640099	500.000	420	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.647	7.647	0.000	887847	500.000	420	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.873	7.873	0.000	1619796	500.000	420	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	1819954	500.000	420	80.00- 120.00		100.00

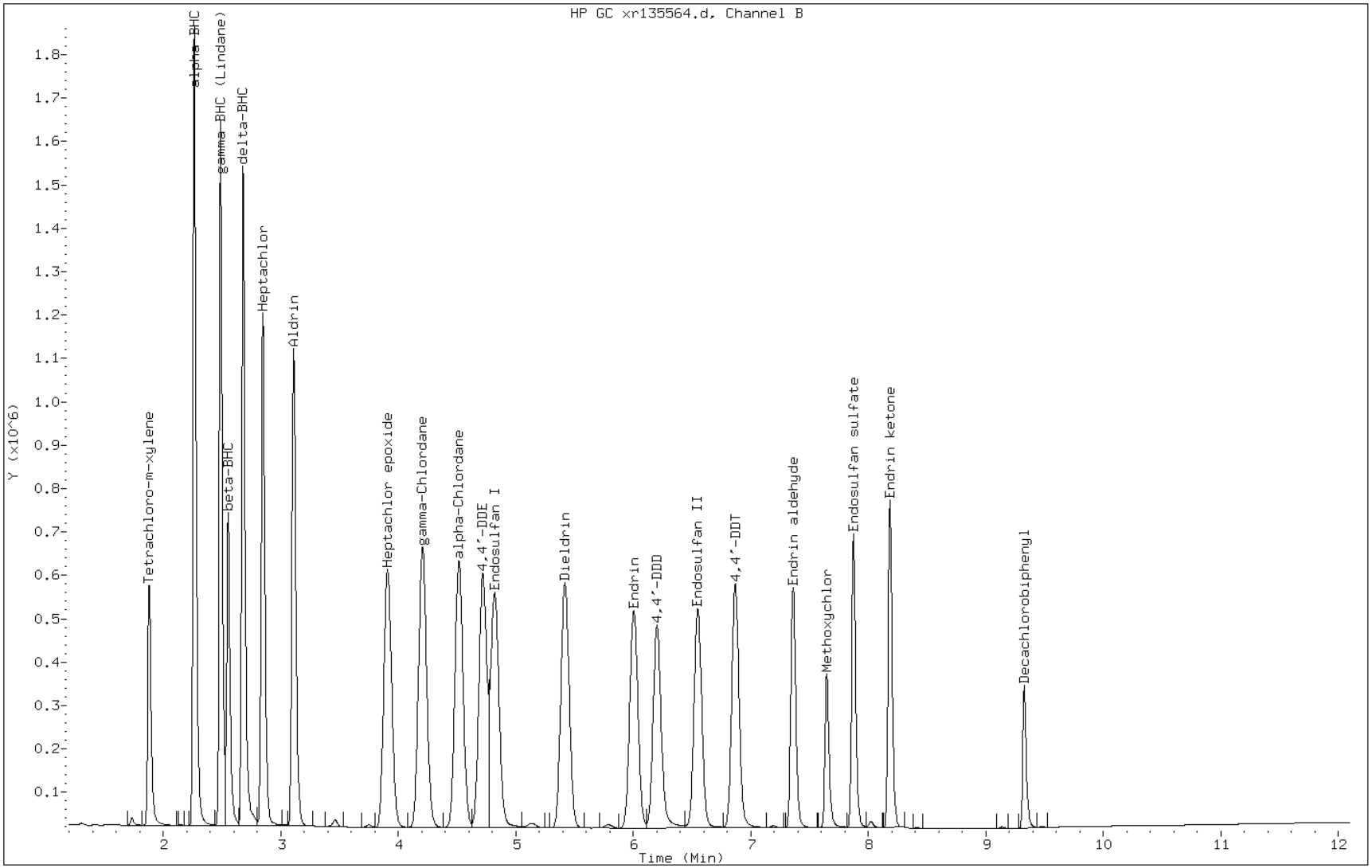
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	688614	200.000	180	80.00- 120.00	100.00

Data File: xr135564.d

Date: 29-JUN-2012 06:59

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL5_00012 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xf135565.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.457										3.387 - 3.527	3.457
Chlordane (technical) Peak 2	3.683										3.613 - 3.753	3.683
Chlordane (technical) Peak 3	4.850										4.780 - 4.920	4.850
Chlordane (technical) Peak 4	6.483										6.413 - 6.553	6.483
Chlordane (technical) Peak 5	6.710										6.640 - 6.780	6.710
Chlordane (technical) Peak 6	6.843										6.773 - 6.913	6.843
Chlordane (technical) Peak 7	7.913										7.843 - 7.983	7.913
Chlordane (technical) Peak 8	8.123										8.053 - 8.193	8.123

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xf135565.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	162.73				Ave		162.728000						20.0			
Chlordane (technical) Peak	166.92				Ave		166.921000						20.0			
Chlordane (technical) Peak	171.08				Ave		171.081000						20.0			
Chlordane (technical) Peak	496.77				Ave		496.774000						20.0			
Chlordane (technical) Peak	410.82				Ave		410.821000						20.0			
Chlordane (technical) Peak	424.44				Ave		424.444000						20.0			
Chlordane (technical) Peak	71.934				Ave		71.9340000						20.0			
Chlordane (technical) Peak	121.60				Ave		121.603000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xf135565.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	162728					1000				
Chlordane (technical) Peak 2	Ave	166921					1000				
Chlordane (technical) Peak 3	Ave	171081					1000				
Chlordane (technical) Peak 4	Ave	496774					1000				
Chlordane (technical) Peak 5	Ave	410821					1000				
Chlordane (technical) Peak 6	Ave	424444					1000				
Chlordane (technical) Peak 7	Ave	71934					1000				
Chlordane (technical) Peak 8	Ave	121603					1000				

Curve Type Legend:
Ave = Average

Data File: xf135565.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135565.d
Lab Smp Id: SGCHORL3_00010
Inj Date : 29-JUN-2012 07:13
Operator : Inst ID: PESTGC1.i
Smp Info : SGCHORL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLORDANE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

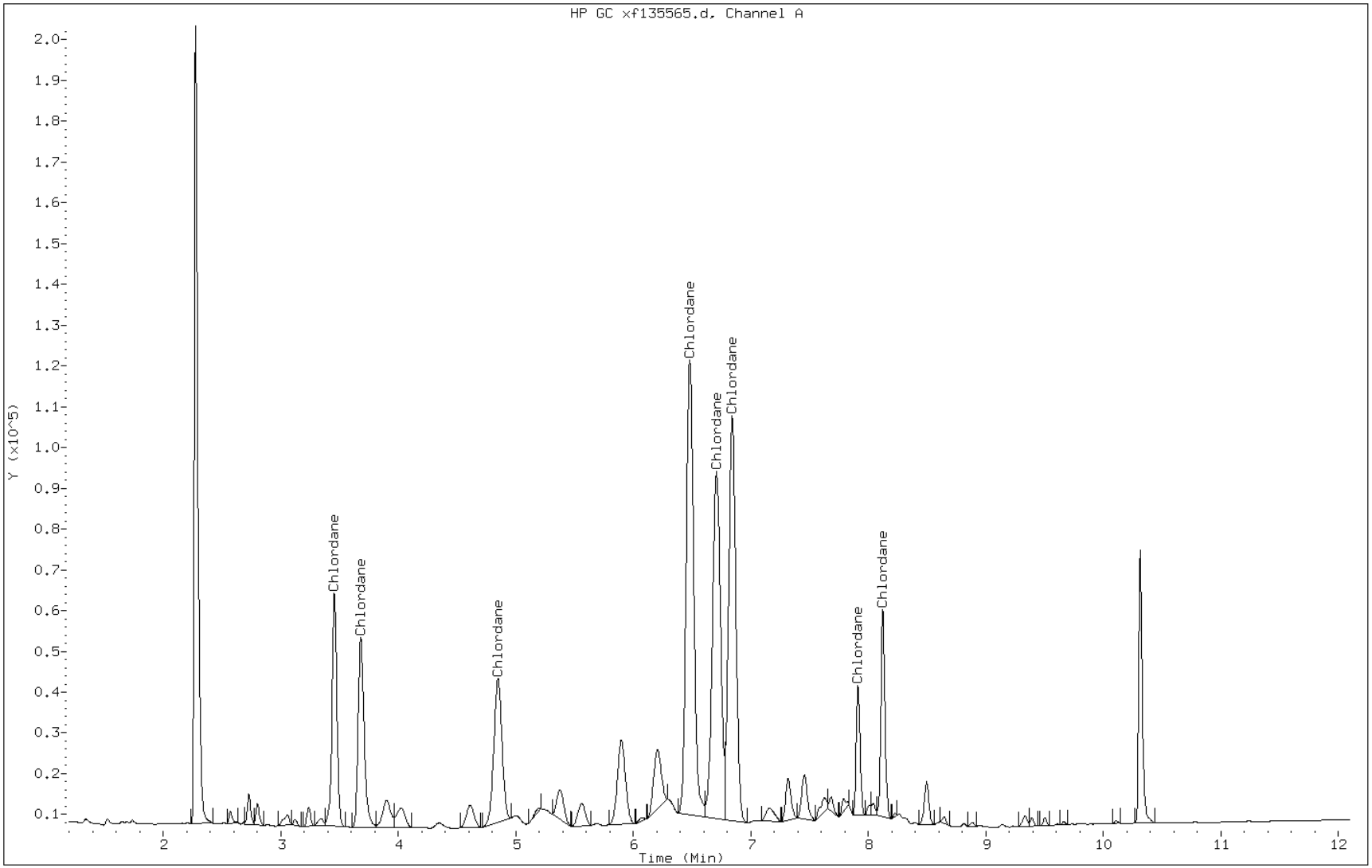
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
6 Chlordane					CAS #: 57-74-9			
3.457	3.457	0.000	162728	1000.00	1000	80.00-	120.00	100.00
3.683	3.683	0.000	166921	1000.00	1000	82.06-	123.09	102.58
4.850	4.850	0.000	171081	1000.00	1000	84.11-	126.16	105.13
6.483	6.483	0.000	496774	1000.00	1000	244.22-	366.33	305.28
6.710	6.710	0.000	410821	1000.00	1000	201.97-	302.95	252.46
6.843	6.843	0.000	424444	1000.00	1000	208.66-	313.00	260.83
7.913	7.913	0.000	71934	1000.00	1000	35.36-	53.05	44.21
8.123	8.123	0.000	121603	1000.00	1000	59.78-	89.67	74.73
Average of Peak Amounts =					1e+03			

Data File: xf135565.d

Date: 29-JUN-2012 07:13

Client ID: Instrument: PESTGC1.i

Sample Info: SGCHORL3_00010 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xr135565.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	2.780										2.710 - 2.850	2.780
Chlordane (technical) Peak 2	2.850										2.780 - 2.920	2.850
Chlordane (technical) Peak 3	3.243										3.173 - 3.313	3.243
Chlordane (technical) Peak 4	3.780										3.710 - 3.850	3.780
Chlordane (technical) Peak 5	4.210										4.140 - 4.280	4.210
Chlordane (technical) Peak 6	4.503										4.433 - 4.573	4.503
Chlordane (technical) Peak 7	6.123										6.053 - 6.193	6.123
Chlordane (technical) Peak 8	6.393										6.323 - 6.463	6.393

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xr135565.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	280.04				Ave		280.036000						20.0			
Chlordane (technical) Peak	394.62				Ave		394.620000						20.0			
Chlordane (technical) Peak	353.22				Ave		353.221000						20.0			
Chlordane (technical) Peak	174.60				Ave		174.602000						20.0			
Chlordane (technical) Peak	964.32				Ave		964.322000						20.0			
Chlordane (technical) Peak	1416.7				Ave		1416.68500						20.0			
Chlordane (technical) Peak	172.11				Ave		172.109000						20.0			
Chlordane (technical) Peak	284.71				Ave		284.711000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:13 Calibration End Date: 06/29/2012 07:13 Calibration ID: 16247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/9	xr135565.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	280036					1000				
Chlordane (technical) Peak 2	Ave	394620					1000				
Chlordane (technical) Peak 3	Ave	353221					1000				
Chlordane (technical) Peak 4	Ave	174602					1000				
Chlordane (technical) Peak 5	Ave	964322					1000				
Chlordane (technical) Peak 6	Ave	1416685					1000				
Chlordane (technical) Peak 7	Ave	172109					1000				
Chlordane (technical) Peak 8	Ave	284711					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135565.d
Lab Smp Id: SGCHORL3_00010
Inj Date : 29-JUN-2012 07:13
Operator : Inst ID: PESTGC1.i
Smp Info : SGCHORL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLORDANE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

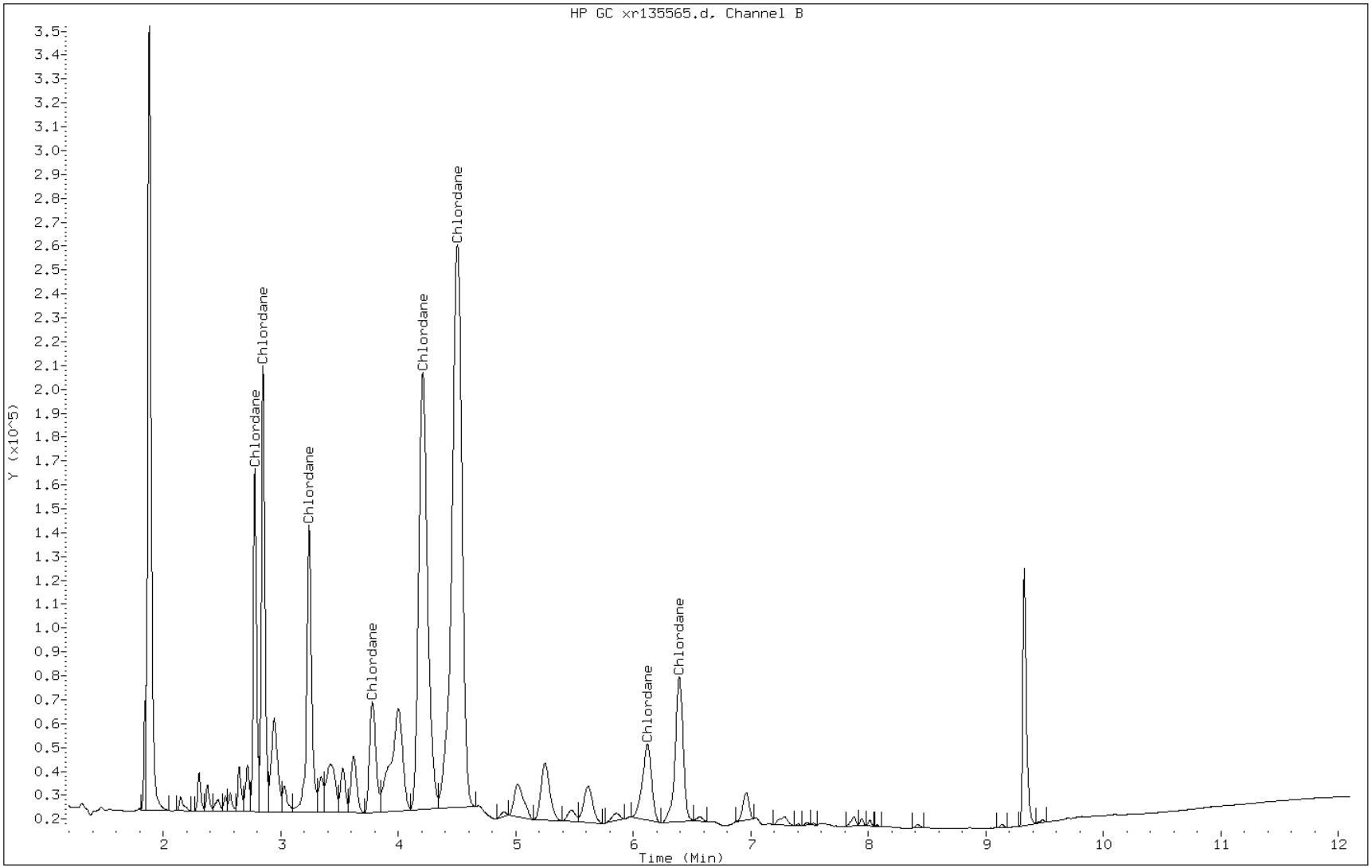
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
2.780	2.780	0.000	280036	1000.00	1000	80.00- 120.00	100.00
2.850	2.850	0.000	394620	1000.00	1000	112.73- 169.10	140.92
3.243	3.243	0.000	353221	1000.00	1000	100.91- 151.36	126.13
3.780	3.780	0.000	174602	1000.00	1000	49.88- 74.82	62.35
4.210	4.210	0.000	964322	1000.00	1000	275.49- 413.23	344.36
4.503	4.503	0.000	1416685	1000.00	1000	404.72- 607.07	505.89
6.123	6.123	0.000	172109	1000.00	1000	49.17- 73.75	61.46
6.393	6.393	0.000	284711	1000.00	1000	81.34- 122.00	101.67
Average of Peak Amounts =					1e+03		

Data File: xr135565.d

Date: 29-JUN-2012 07:13

Client ID: Instrument: PESTGC1.i

Sample Info: SGCHORL3_00010 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xf135566.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.160										8.090 - 8.230	8.160
Toxaphene Peak 2	8.467										8.397 - 8.537	8.467
Toxaphene Peak 3	8.727										8.657 - 8.797	8.727
Toxaphene Peak 4	8.780										8.710 - 8.850	8.780
Toxaphene Peak 5	9.080										9.010 - 9.150	9.080
Toxaphene Peak 6	9.157										9.087 - 9.227	9.157
Toxaphene Peak 7	9.477										9.407 - 9.547	9.477
Toxaphene Peak 8	9.620										9.550 - 9.690	9.620

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xf135566.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	95.227				Ave		95.2270000						20.0			
Toxaphene Peak 2	97.587				Ave		97.5870000						20.0			
Toxaphene Peak 3	84.010				Ave		84.0100000						20.0			
Toxaphene Peak 4	76.877				Ave		76.8770000						20.0			
Toxaphene Peak 5	160.16				Ave		160.163000						20.0			
Toxaphene Peak 6	147.52				Ave		147.520000						20.0			
Toxaphene Peak 7	95.519				Ave		95.5190000						20.0			
Toxaphene Peak 8	115.89				Ave		115.891000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xf135566.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	95227					1000				
Toxaphene Peak 2	Ave	97587					1000				
Toxaphene Peak 3	Ave	84010					1000				
Toxaphene Peak 4	Ave	76877					1000				
Toxaphene Peak 5	Ave	160163					1000				
Toxaphene Peak 6	Ave	147520					1000				
Toxaphene Peak 7	Ave	95519					1000				
Toxaphene Peak 8	Ave	115891					1000				

Curve Type Legend:
Ave = Average

Data File: xf135566.d
Report Date: 29-Jun-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/xf135566.d
Lab Smp Id: SGTOXL3_00013
Inj Date : 29-JUN-2012 07:27
Operator : Inst ID: PESTGC1.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-29-12aical/29jun12a.b/09Xf8081.m
Meth Date : 29-Jun-2012 08:26 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

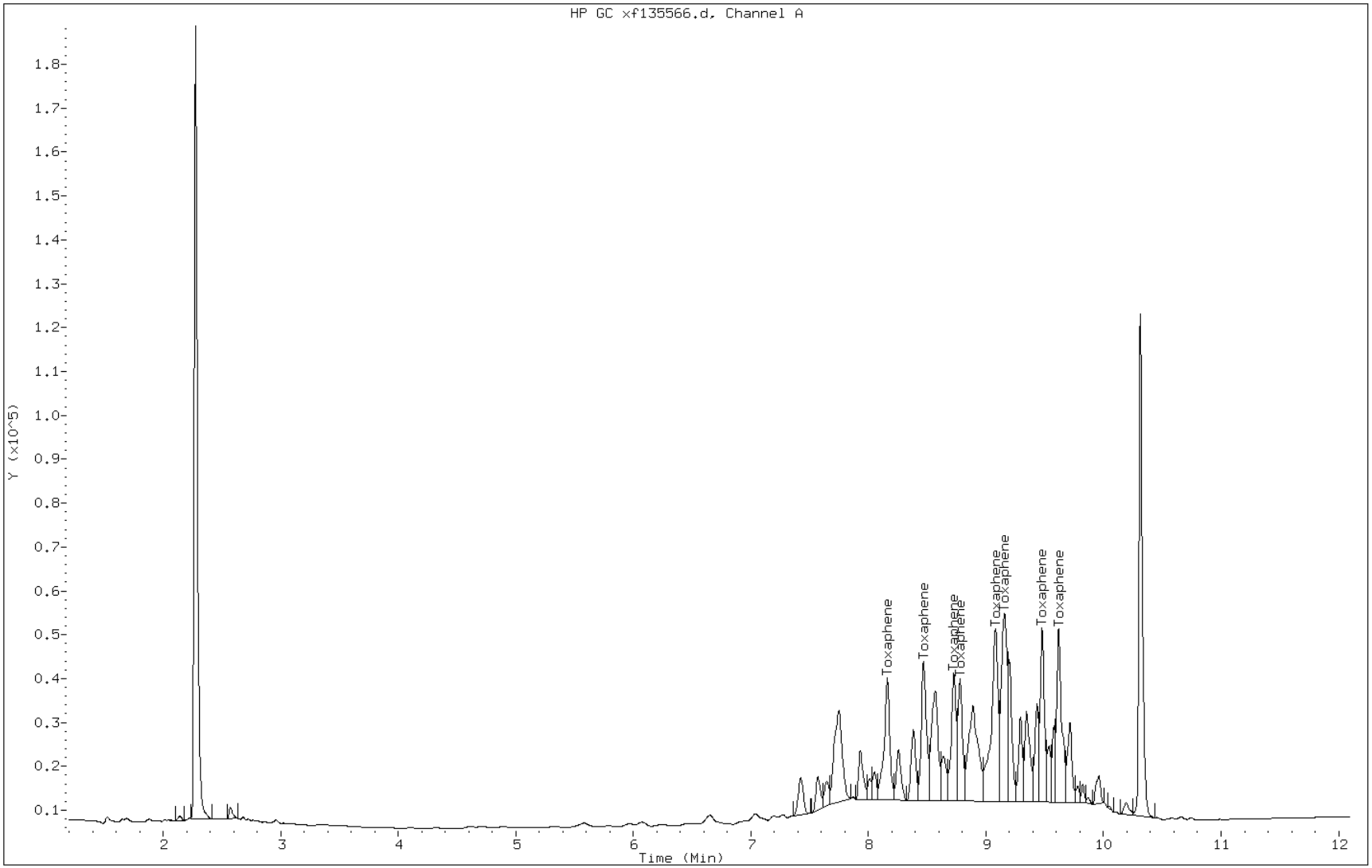
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
20 Toxaphene					CAS #: 8001-35-2		
8.160	8.160	0.000	95227	1000.00	1000	80.00- 120.00	100.00
8.467	8.467	0.000	97587	1000.00	1000	81.98- 122.97	102.48
8.727	8.727	0.000	84010	1000.00	1000	70.58- 105.86	88.22
8.780	8.780	0.000	76877	1000.00	1000	64.58- 96.88	80.73
9.080	9.080	0.000	160163	1000.00	1000	134.55- 201.83	168.19
9.157	9.157	0.000	147520	1000.00	1000	123.93- 185.90	154.91
9.477	9.477	0.000	95519	1000.00	1000	80.25- 120.37	100.31
9.620	9.620	0.000	115891	1000.00	1000	97.36- 146.04	121.70
Average of Peak Amounts =					1e+03		

Data File: xf135566.d

Date: 29-JUN-2012 07:27

Client ID: Instrument: PESTGC1.i

Sample Info: SGTOXL3_00013 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xr135566.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.327										7.257 - 7.397	7.327
Toxaphene Peak 2	7.507										7.437 - 7.577	7.507
Toxaphene Peak 3	7.763										7.693 - 7.833	7.763
Toxaphene Peak 4	7.863										7.793 - 7.933	7.863
Toxaphene Peak 5	7.960										7.890 - 8.030	7.960
Toxaphene Peak 6	8.033										7.963 - 8.103	8.033
Toxaphene Peak 7	8.167										8.097 - 8.237	8.167
Toxaphene Peak 8	8.340										8.270 - 8.410	8.340

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xr135566.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	244.82				Ave		244.823000						20.0			
Toxaphene Peak 2	319.64				Ave		319.639000						20.0			
Toxaphene Peak 3	243.95				Ave		243.948000						20.0			
Toxaphene Peak 4	427.47				Ave		427.472000						20.0			
Toxaphene Peak 5	109.73				Ave		109.729000						20.0			
Toxaphene Peak 6	130.14				Ave		130.139000						20.0			
Toxaphene Peak 7	245.70				Ave		245.698000						20.0			
Toxaphene Peak 8	174.21				Ave		174.210000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117973

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2012 07:27 Calibration End Date: 06/29/2012 07:27 Calibration ID: 16249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117973/10	xr135566.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	244823					1000				
Toxaphene Peak 2	Ave	319639					1000				
Toxaphene Peak 3	Ave	243948					1000				
Toxaphene Peak 4	Ave	427472					1000				
Toxaphene Peak 5	Ave	109729					1000				
Toxaphene Peak 6	Ave	130139					1000				
Toxaphene Peak 7	Ave	245698					1000				
Toxaphene Peak 8	Ave	174210					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/xr135566.d
Lab Smp Id: SGTOXL3_00013
Inj Date : 29-JUN-2012 07:27
Operator : Inst ID: PESTGC1.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b/09Xr8081.m
Meth Date : 29-Jun-2012 08:24 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

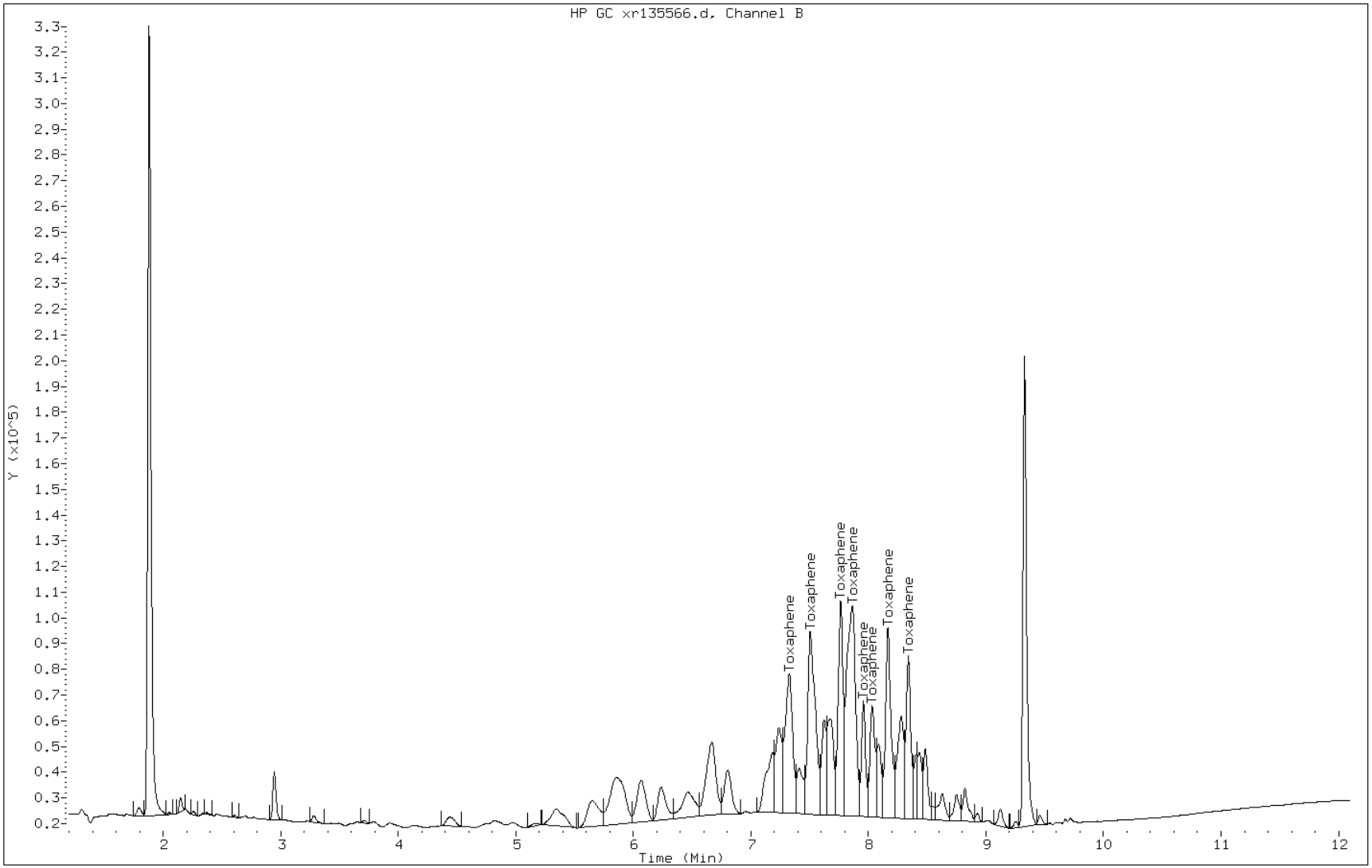
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
20 Toxaphene					CAS #: 8001-35-2			
7.327	7.327	0.000	244823	1000.00	1000	80.00-	120.00	100.00
7.507	7.507	0.000	319639	1000.00	1000	104.45-	156.67	130.56
7.763	7.763	0.000	243948	1000.00	1000	79.71-	119.57	99.64
7.863	7.863	0.000	427472	1000.00	1000	139.68-	209.53	174.60
7.960	7.960	0.000	109729	1000.00	1000	35.86-	53.78	44.82
8.033	8.033	0.000	130139	1000.00	1000	42.53-	63.79	53.16
8.167	8.167	0.000	245698	1000.00	1000	80.29-	120.43	100.36
8.340	8.340	0.000	174210	1000.00	1000	56.93-	85.39	71.16
Average of Peak Amounts =					1e+03			

Data File: xr135566.d

Date: 29-JUN-2012 07:27

Client ID: Instrument: PESTGC1.i

Sample Info: SGTOXL3_00013 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WF703618.D
Level 2	IC 460-118596/6	WF703619.D
Level 3	IC 460-118596/4	WF703617.D
Level 4	IC 460-118596/7	WF703620.D
Level 5	IC 460-118596/8	WF703621.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.560	3.557	3.560	3.557	3.553						3.510 - 3.610	3.557
gamma-BHC (Lindane)	4.273	4.270	4.273	4.270	4.267						4.223 - 4.323	4.271
beta-BHC	4.423	4.420	4.420	4.417	4.417						4.370 - 4.470	4.419
delta-BHC	5.010	5.007	5.010	5.007	5.003						4.960 - 5.060	5.007
Heptachlor	5.167	5.163	5.167	5.163	5.163						5.117 - 5.217	5.165
Aldrin	5.860	5.857	5.860	5.857	5.853						5.810 - 5.910	5.857
Heptachlor epoxide	6.667	6.667	6.667	6.663	6.663						6.597 - 6.737	6.665
gamma-Chlordane	6.867	6.863	6.863	6.863	6.863						6.793 - 6.933	6.864
alpha-Chlordane	7.020	7.017	7.017	7.017	7.017						6.947 - 7.087	7.017
Endosulfan I	7.087	7.087	7.087	7.087	7.083						7.017 - 7.157	7.086
4,4'-DDE	7.177	7.177	7.177	7.173	7.173						7.107 - 7.247	7.175
Dieldrin	7.383	7.383	7.383	7.380	7.380						7.313 - 7.453	7.382
Endrin	7.727	7.727	7.727	7.723	7.723						7.657 - 7.797	7.725
4,4'-DDD	7.817	7.817	7.817	7.813	7.813						7.747 - 7.887	7.815
Endosulfan II	7.963	7.960	7.963	7.960	7.960						7.893 - 8.033	7.961
4,4'-DDT	8.177	8.173	8.173	8.173	8.170						8.103 - 8.243	8.173
Endrin aldehyde	8.317	8.317	8.317	8.313	8.313						8.247 - 8.387	8.315
Endosulfan sulfate	8.550	8.547	8.547	8.547	8.547						8.477 - 8.617	8.547
Methoxychlor	8.737	8.733	8.733	8.733	8.733						8.663 - 8.803	8.734
Endrin ketone	8.937	8.937	8.937	8.933	8.933						8.867 - 9.007	8.935
Tetrachloro-m-xylene	2.427	2.427	2.427	2.427	2.423						2.377 - 2.477	2.426
DCB Decachlorobiphenyl	9.933	9.933	9.933	9.930	9.930						9.833 - 10.033	9.932

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WF703618.D
Level 2	IC 460-118596/6	WF703619.D
Level 3	IC 460-118596/4	WF703617.D
Level 4	IC 460-118596/7	WF703620.D
Level 5	IC 460-118596/8	WF703621.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3067.3 2958.3	3275.5	3148.1	3098.1	Ave		3109.46600				3.7		20.0			
gamma-BHC (Lindane)	2816.6 2669.7	3018.1	2879.3	2799.2	Ave		2836.57280				4.5		20.0			
beta-BHC	1308.9 1278.1	1426.9	1354.2	1318.0	Ave		1337.21280				4.3		20.0			
delta-BHC	2506.3 2603.3	2759.2	2724.1	2700.3	Ave		2658.65200				3.9		20.0			
Heptachlor	2766.8 2482.6	2785.7	2462.2	2586.8	Ave		2616.82040				5.9		20.0			
Aldrin	2777.8 2567.7	2864.5	2740.7	2680.6	Ave		2726.24360				4.1		20.0			
Heptachlor epoxide	2176.0 1841.2	2162.6	2020.6	1931.2	Ave		2026.31560				7.2		20.0			
gamma-Chlordane	2236.0 1902.0	2194.5	2060.0	1987.8	Ave		2076.06680				6.7		20.0			
alpha-Chlordane	2146.9 1792.0	2063.0	1954.0	1861.8	Ave		1963.52880				7.4		20.0			
Endosulfan I	1992.8 1769.2	2032.0	1911.9	1853.4	Ave		1911.87320				5.5		20.0			
4,4'-DDE	1850.0 1931.2	1991.9	2033.3	2008.0	Ave		1962.86360				3.7		20.0			
Dieldrin	2045.2 1936.0	2136.5	2068.2	2013.7	Ave		2039.90440				3.6		20.0			
Endrin	1822.1 1657.0	1852.1	1743.8	1722.1	Ave		1759.39880				4.5		20.0			
4,4'-DDD	1426.0 1492.3	1501.2	1464.7	1508.6	Ave		1478.54600				2.3		20.0			
Endosulfan II	2042.2 1769.9	2024.6	1898.8	1840.8	Ave		1915.25200				6.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16285

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	1447.0 1541.2	1584.7	1511.8	1562.5	Ave		1529.43320				3.5		20.0			
Endrin aldehyde	1458.5 1280.7	1474.1	1390.4	1331.6	Ave		1387.05120				5.9		20.0			
Endosulfan sulfate	1539.7 1364.1	1519.3	1469.0	1406.9	Ave		1459.81040				5.1		20.0			
Methoxychlor	552.90 576.45	580.82	543.03	583.51	Ave		567.340800				3.2		20.0			
Endrin ketone	1785.6 1544.7	1722.3	1647.5	1587.6	Ave		1657.53720				5.9		20.0			
Tetrachloro-m-xylene	2543.6 2190.8	2381.5	2265.4	2229.1	Ave		2322.08867				6.2		20.0			
DCB Decachlorobiphenyl	1975.8 1616.4	1832.6	1740.2	1661.8	Ave		1765.36233				8.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WF703618.D
Level 2	IC 460-118596/6	WF703619.D
Level 3	IC 460-118596/4	WF703617.D
Level 4	IC 460-118596/7	WF703620.D
Level 5	IC 460-118596/8	WF703621.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	30673	163777	314811	774513	1479164	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	28166	150905	287932	699796	1334830	10.0	50.0	100	250	500
beta-BHC	Ave	13089	71344	135418	329501	639050	10.0	50.0	100	250	500
delta-BHC	Ave	25063	137962	272409	675073	1301669	10.0	50.0	100	250	500
Heptachlor	Ave	27668	139284	246217	646710	1241306	10.0	50.0	100	250	500
Aldrin	Ave	27778	143225	274065	670153	1283828	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	21760	108129	202055	482800	920624	10.0	50.0	100	250	500
gamma-Chlordane	Ave	22360	109727	205997	496960	950992	10.0	50.0	100	250	500
alpha-Chlordane	Ave	21469	103148	195403	465440	895997	10.0	50.0	100	250	500
Endosulfan I	Ave	19928	101599	191193	463356	884616	10.0	50.0	100	250	500
4,4'-DDE	Ave	18500	99594	203327	501990	965604	10.0	50.0	100	250	500
Dieldrin	Ave	20452	106824	206818	503425	967981	10.0	50.0	100	250	500
Endrin	Ave	18221	92607	174375	430513	828476	10.0	50.0	100	250	500
4,4'-DDD	Ave	14260	75058	146467	377159	746132	10.0	50.0	100	250	500
Endosulfan II	Ave	20422	101230	189876	460198	884954	10.0	50.0	100	250	500
4,4'-DDT	Ave	14470	79233	151177	390636	770596	10.0	50.0	100	250	500
Endrin aldehyde	Ave	14585	73706	139037	332897	640339	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	15397	75965	146904	351728	682050	10.0	50.0	100	250	500
Methoxychlor	Ave	5529	29041	54303	145877	288223	10.0	50.0	100	250	500
Endrin ketone	Ave	17856	86116	164748	396909	772325	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	63591	119074	226540	334370	438158	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	49396	91628	174016	249274	323285	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703617.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 06:00
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.427	2.427	0.000	226540	100.000	98	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
3.560	3.560	0.000	314811	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.273	4.273	0.000	287932	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
4.420	4.420	0.000	135418	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
5.010	5.010	0.000	272409	100.000	100	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
5.167	5.167	0.000	246217	100.000	95	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
5.860	5.860	0.000	274065	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.667	6.667	0.000	202055	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.863	6.863	0.000	205997	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
7.017	7.017	0.000	195403	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
7.087	7.087	0.000	191193	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
7.177	7.177	0.000	203327	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
7.383	7.383	0.000	206818	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.727	7.727	0.000	174375	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.817	7.817	0.000	146467	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
7.963	7.963	0.000	189876	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
8.173	8.173	0.000	151177	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
8.317	8.317	0.000	139037	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.547	8.547	0.000	146904	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
8.733	8.733	0.000	54303	100.000	97	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.937	8.937	0.000	164748	100.000	100	80.00- 120.00		100.00

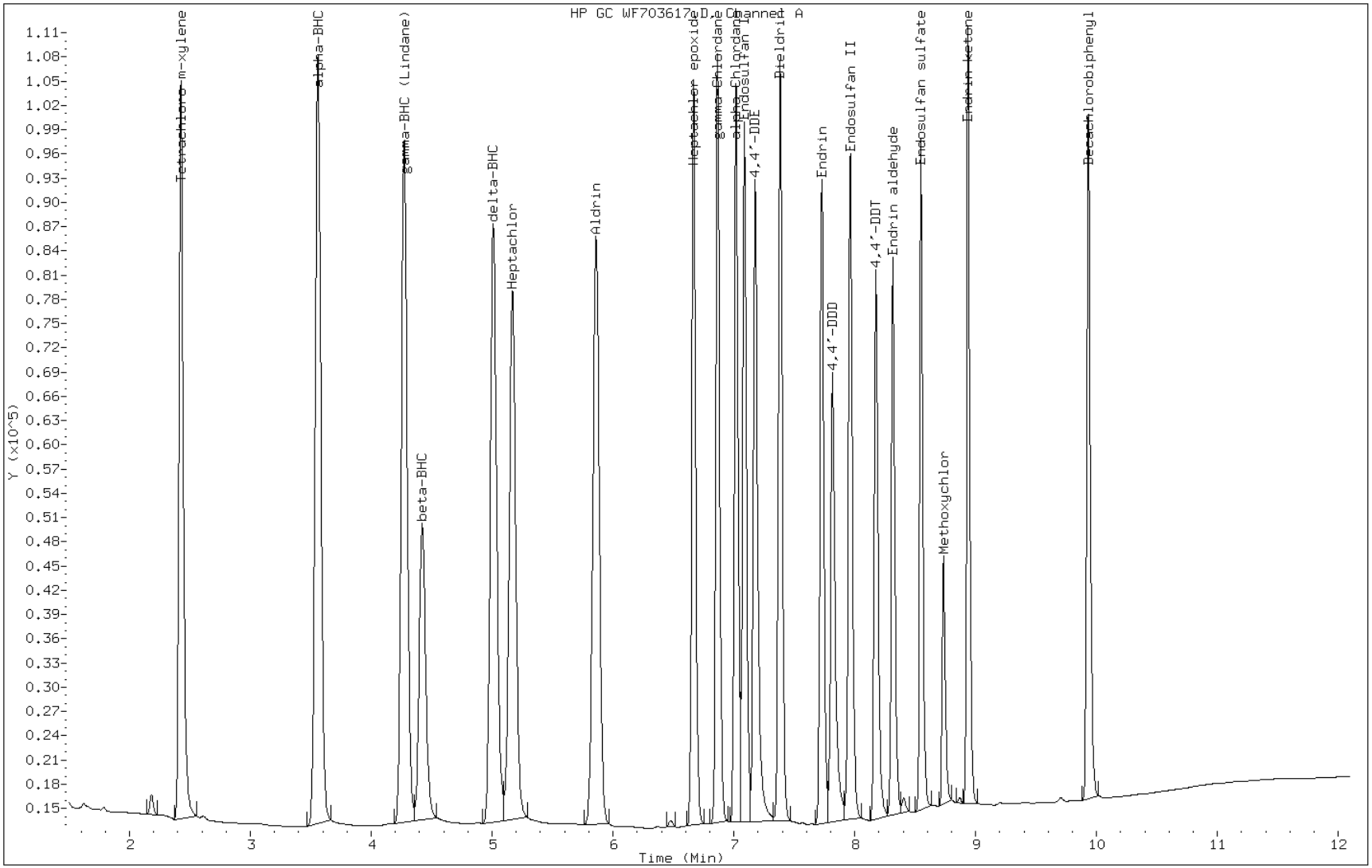
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.933	9.933	0.000	174016	100.000	99	80.00- 120.00	100.00

Data File: WF703617.D

Date: 02-JUL-2012 06:00

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



Data File: WF703618.D
Report Date: 02-Jul-2012 08:49

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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703618.D
Lab Smp Id: SGPESTL1_00015
Inj Date : 02-JUL-2012 06:14
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.427	2.427	0.000	63591	25.0000	27	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
3.560	3.560	0.000	30673	10.0000	9.9	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.273	4.273	0.000	28166	10.0000	9.9	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
4.423	4.420	0.003	13089	10.0000	9.8	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
5.010	5.010	0.000	25063	10.0000	9.4	80.00- 120.00		100.00

Data File: WF703618.D
Report Date: 02-Jul-2012 08:49

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.167	5.167	0.000	27668	10.0000	10	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.860	5.860	0.000	27778	10.0000	10	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.667	6.667	0.000	21760	10.0000	11	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.867	6.863	0.004	22360	10.0000	11	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.020	7.017	0.003	21469	10.0000	11	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.087	7.087	0.000	19928	10.0000	10	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	18500	10.0000	9.4	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.383	7.383	0.000	20452	10.0000	10	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	18221	10.0000	10	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.817	7.817	0.000	14260	10.0000	9.6	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.963	7.963	0.000	20422	10.0000	11	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.177	8.173	0.004	14470	10.0000	9.5	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.317	8.317	0.000	14585	10.0000	10	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.550	8.547	0.003	15397	10.0000	10	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.737	8.733	0.004	5529	10.0000	9.7	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.937	8.937	0.000	17856	10.0000	11	80.00- 120.00	100.00

Data File: WF703618.D
Report Date: 02-Jul-2012 08:49

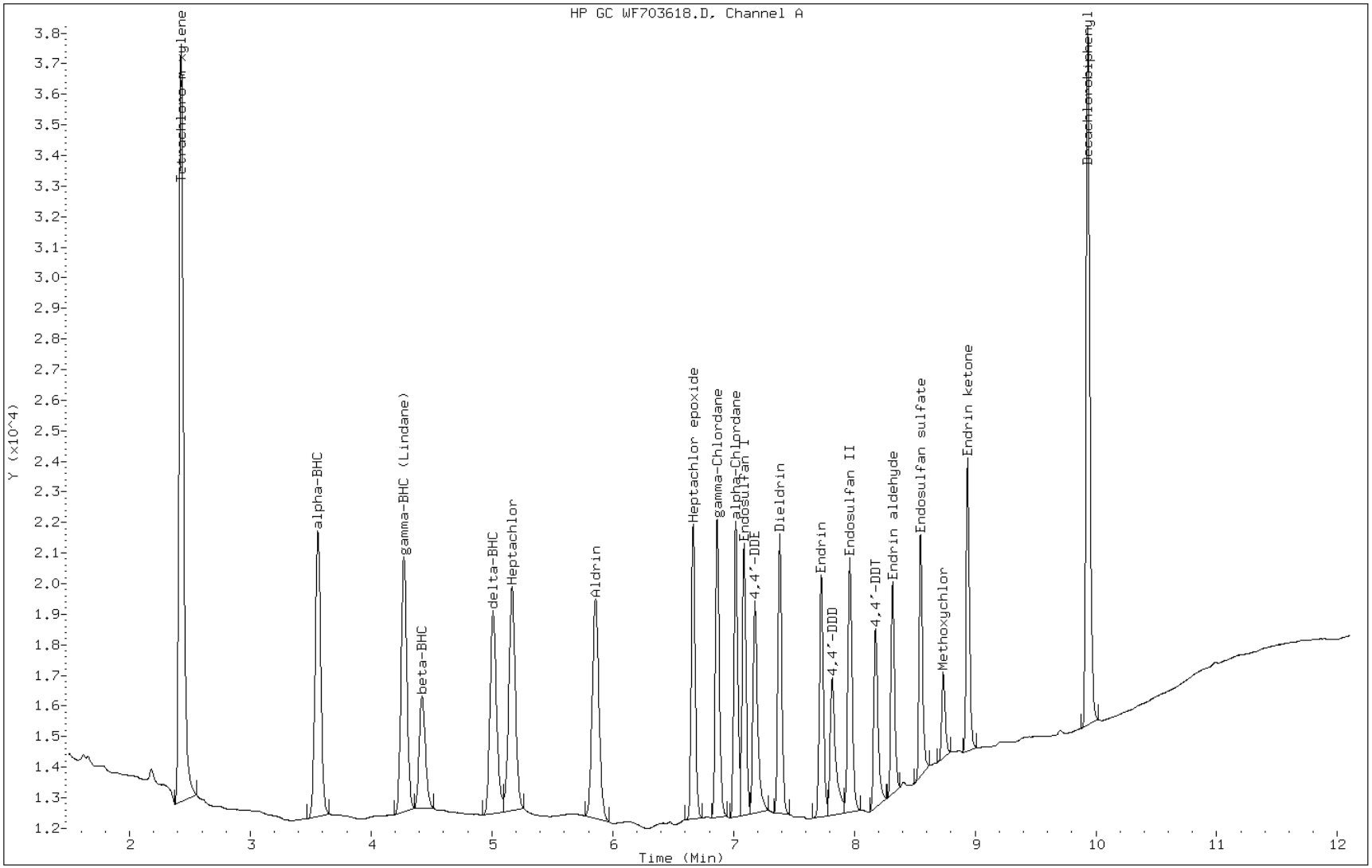
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.933	9.933	0.000	49396	25.0000	28	80.00- 120.00	100.00

Data File: WF703618.D

Date: 02-JUL-2012 06:14

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL1_00015 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703619.D
Lab Smp Id: SGPESTL2_00012
Inj Date : 02-JUL-2012 06:28
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.427	2.427	0.000	119074	50.0000	52	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.557	3.560	-0.003	163777	50.0000	53	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.270	4.273	-0.003	150905	50.0000	53	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.420	4.420	0.000	71344	50.0000	54	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
5.007	5.010	-0.003	137962	50.0000	52	80.00- 120.00	100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.163	5.167	-0.004	139284	50.0000	54	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.857	5.860	-0.003	143225	50.0000	53	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.667	6.667	0.000	108129	50.0000	53	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.863	6.863	0.000	109727	50.0000	53	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.017	7.017	0.000	103148	50.0000	53	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.087	7.087	0.000	101599	50.0000	54	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	99594	50.0000	52	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.383	7.383	0.000	106824	50.0000	52	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	92607	50.0000	53	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.817	7.817	0.000	75058	50.0000	54	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.960	7.963	-0.003	101230	50.0000	54	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.173	8.173	0.000	79233	50.0000	52	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.317	8.317	0.000	73706	50.0000	53	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	75965	50.0000	52	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.733	8.733	0.000	29041	50.0000	52	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.937	8.937	0.000	86116	50.0000	52	80.00- 120.00	100.00

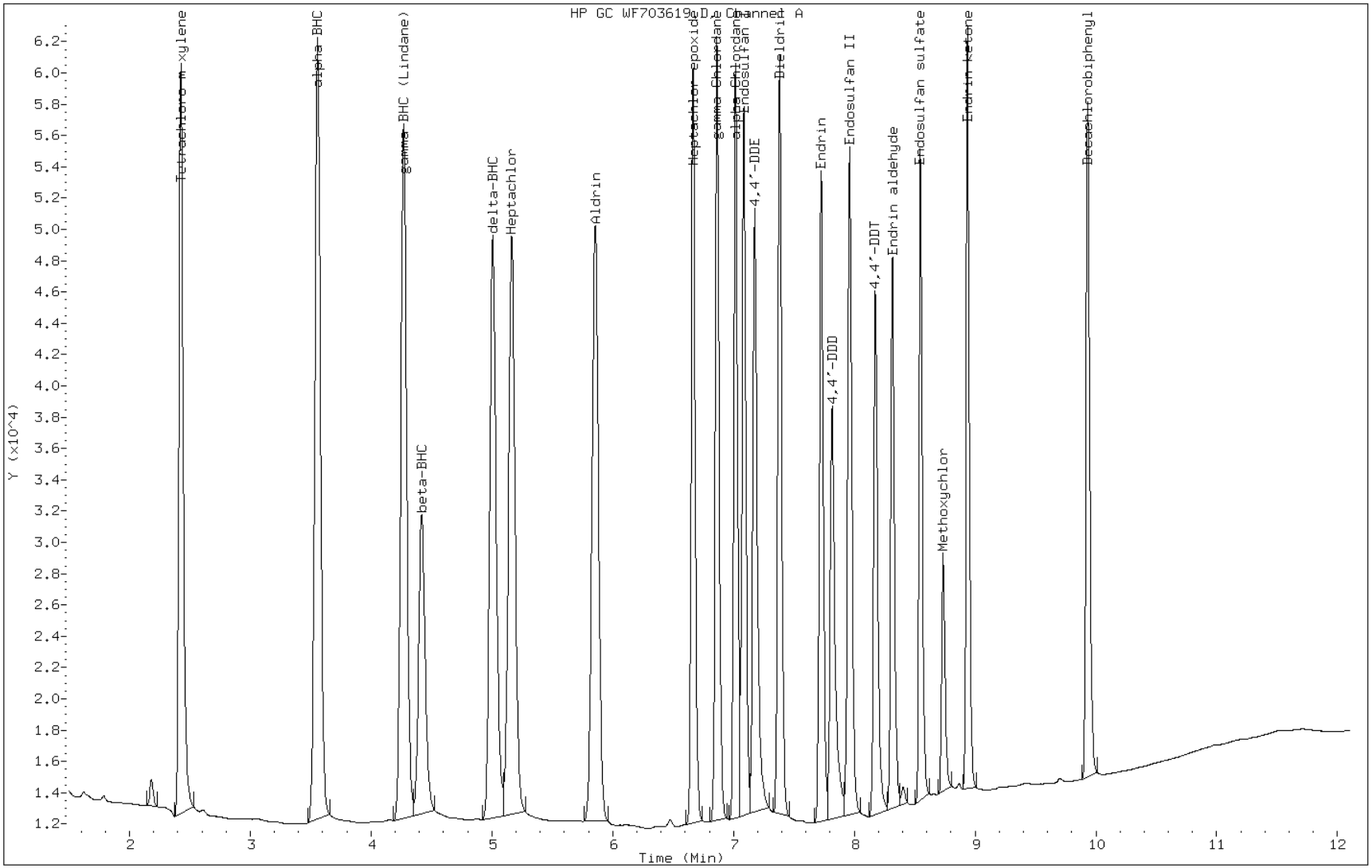
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.933	9.933	0.000	91628	50.0000	52	80.00- 120.00	100.00

Data File: WF703619.D

Date: 02-JUL-2012 06:28

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL2_00012 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703620.D
Lab Smp Id: SGPESTL4_00012
Inj Date : 02-JUL-2012 06:42
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.427	2.427	0.000	334370	150.000	140	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
3.557	3.560	-0.003	774513	250.000	250	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.270	4.273	-0.003	699796	250.000	250	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
4.417	4.420	-0.003	329501	250.000	250	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
5.007	5.010	-0.003	675073	250.000	250	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
5.163	5.167	-0.004	646710	250.000	250	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
5.857	5.860	-0.003	670153	250.000	250	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.663	6.667	-0.004	482800	250.000	240	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.863	6.863	0.000	496960	250.000	240	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
7.017	7.017	0.000	465440	250.000	240	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
7.087	7.087	0.000	463356	250.000	240	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
7.173	7.177	-0.004	501990	250.000	260	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
7.380	7.383	-0.003	503425	250.000	250	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.723	7.727	-0.004	430513	250.000	250	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.813	7.817	-0.004	377159	250.000	270	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
7.960	7.963	-0.003	460198	250.000	240	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
8.173	8.173	0.000	390636	250.000	260	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
8.313	8.317	-0.004	332897	250.000	240	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.547	8.547	0.000	351728	250.000	240	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
8.733	8.733	0.000	145877	250.000	260	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.933	8.937	-0.004	396909	250.000	240	80.00- 120.00		100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
9.930	9.933	-0.003	249274	150.000	140	80.00- 120.00	100.00

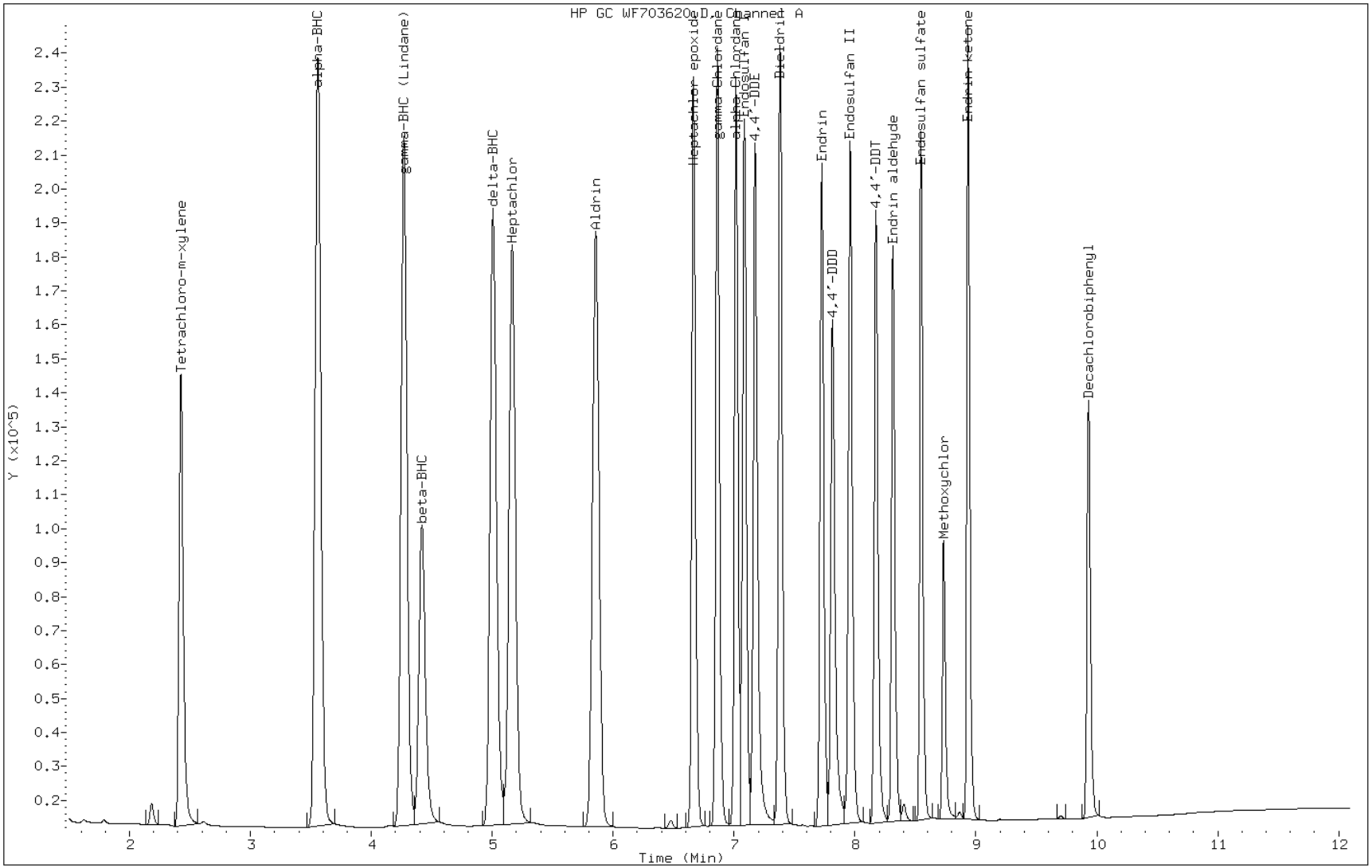
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: WF703620.D

Date: 02-JUL-2012 06:42

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL4_00012 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703621.D
Lab Smp Id: SGPESTL5_00012
Inj Date : 02-JUL-2012 06:55
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.423	2.427	-0.004	438158	200.000	190	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.553	3.560	-0.007	1479164	500.000	480	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.267	4.273	-0.006	1334830	500.000	470	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.417	4.420	-0.003	639050	500.000	480	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
5.003	5.010	-0.007	1301669	500.000	490	80.00- 120.00	100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.163	5.167	-0.004	1241306	500.000	480	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.853	5.860	-0.007	1283828	500.000	470	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.663	6.667	-0.004	920624	500.000	460	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.863	6.863	0.000	950992	500.000	460	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.017	7.017	0.000	895997	500.000	460	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.083	7.087	-0.004	884616	500.000	460	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.177	-0.004	965604	500.000	500	80.00- 120.00	100.00(A)
10 Dieldrin					CAS #: 60-57-1		
7.380	7.383	-0.003	967981	500.000	480	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.723	7.727	-0.004	828476	500.000	480	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.813	7.817	-0.004	746132	500.000	530	80.00- 120.00	100.00(A)
12 Endosulfan II					CAS #: 33213-65-9		
7.960	7.963	-0.003	884954	500.000	470	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.170	8.173	-0.003	770596	500.000	510	80.00- 120.00	100.00(A)
15 Endrin aldehyde					CAS #: 7421-93-4		
8.313	8.317	-0.004	640339	500.000	460	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	682050	500.000	470	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.733	8.733	0.000	288223	500.000	510	80.00- 120.00	100.00(A)
16 Endrin ketone					CAS #: 53494-70-5		
8.933	8.937	-0.004	772325	500.000	470	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
9.930	9.933	-0.003	323285	200.000	180	80.00- 120.00	100.00

$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

QC Flag Legend

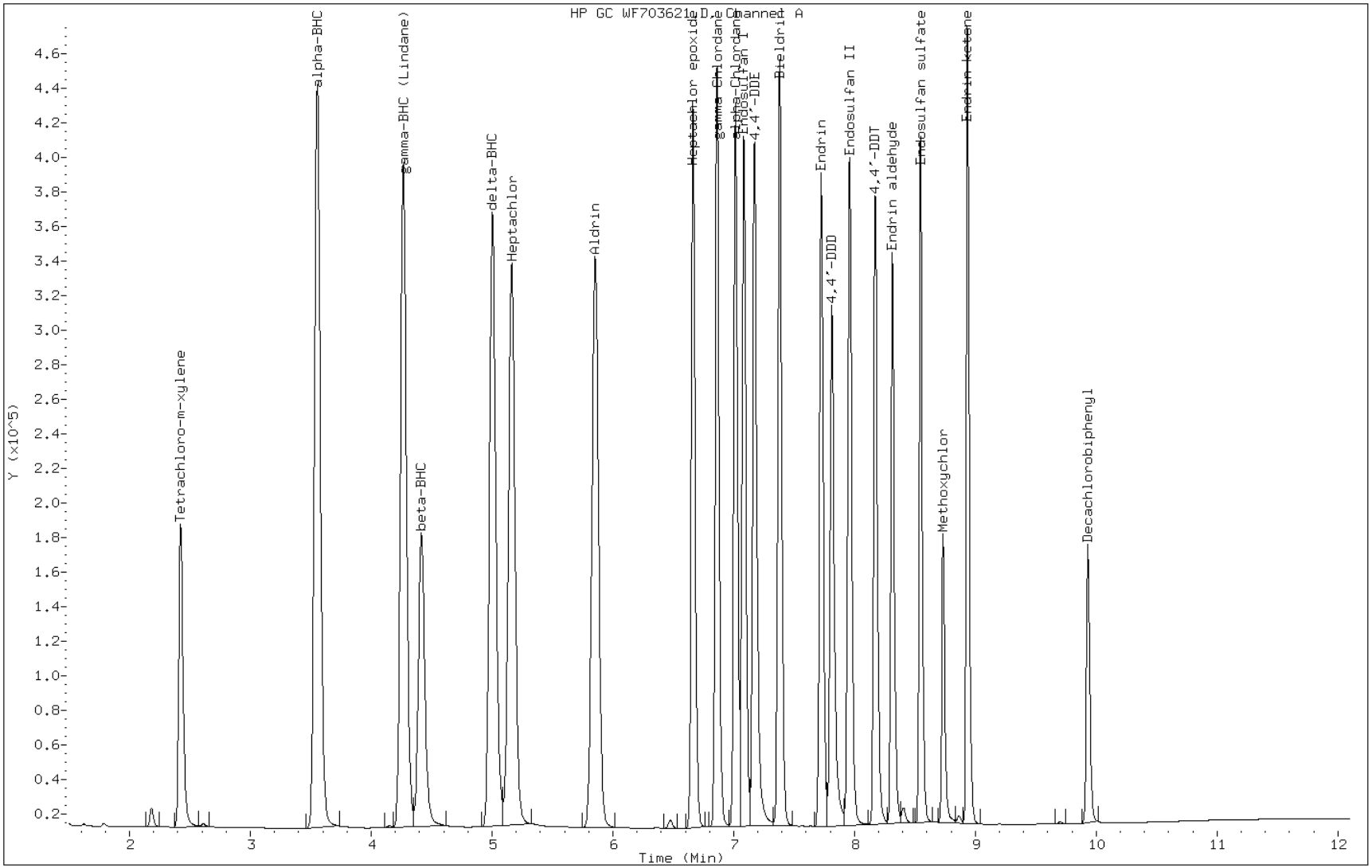
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: WF703621.D

Date: 02-JUL-2012 06:55

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL5_00012 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WR703618.D
Level 2	IC 460-118596/6	WR703619.D
Level 3	IC 460-118596/4	WR703617.D
Level 4	IC 460-118596/7	WR703620.D
Level 5	IC 460-118596/8	WR703621.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.583	2.580	2.580	2.580	2.577						2.530 - 2.630	2.580
gamma-BHC (Lindane)	3.120	3.117	3.117	3.117	3.113						3.067 - 3.167	3.117
beta-BHC	3.280	3.273	3.273	3.273	3.270						3.223 - 3.323	3.274
delta-BHC	3.607	3.603	3.603	3.603	3.600						3.553 - 3.653	3.603
Heptachlor	3.997	3.993	3.993	3.997	3.993						3.943 - 4.043	3.995
Aldrin	4.557	4.553	4.557	4.553	4.550						4.507 - 4.607	4.554
Heptachlor epoxide	5.713	5.713	5.713	5.713	5.710						5.643 - 5.783	5.713
gamma-Chlordane	5.967	5.963	5.963	5.963	5.960						5.893 - 6.033	5.963
alpha-Chlordane	6.180	6.177	6.177	6.177	6.173						6.107 - 6.247	6.177
4,4'-DDE	6.280	6.277	6.277	6.273	6.273						6.207 - 6.347	6.276
Endosulfan I	6.360	6.357	6.360	6.357	6.357						6.290 - 6.430	6.358
Dieldrin	6.627	6.623	6.623	6.623	6.623						6.553 - 6.693	6.624
Endrin	6.857	6.853	6.853	6.853	6.853						6.783 - 6.923	6.854
4,4'-DDD	6.913	6.913	6.910	6.910	6.907						6.840 - 6.980	6.911
Endosulfan II	7.080	7.077	7.080	7.077	7.077						7.010 - 7.150	7.078
4,4'-DDT	7.197	7.193	7.193	7.190	7.190						7.123 - 7.263	7.193
Endrin aldehyde	7.507	7.507	7.507	7.503	7.503						7.437 - 7.577	7.505
Methoxychlor	7.707	7.703	7.703	7.700	7.700						7.633 - 7.773	7.703
Endosulfan sulfate	7.977	7.973	7.973	7.970	7.970						7.903 - 8.043	7.973
Endrin ketone	8.273	8.270	8.270	8.270	8.270						8.200 - 8.340	8.271
Tetrachloro-m-xylene	1.990	1.987	1.987	1.987	1.987						1.937 - 2.037	1.987
DCB Decachlorobiphenyl	9.013	9.010	9.010	9.010	9.010						8.910 - 9.110	9.011

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WR703618.D
Level 2	IC 460-118596/6	WR703619.D
Level 3	IC 460-118596/4	WR703617.D
Level 4	IC 460-118596/7	WR703620.D
Level 5	IC 460-118596/8	WR703621.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3074.7 2492.1	3046.7	2860.3	2672.9	Ave		2829.33880				8.8		20.0			
gamma-BHC (Lindane)	2920.2 2403.8	2887.9	2715.6	2584.9	Ave		2702.47720				8.0		20.0			
beta-BHC	1371.1 1061.6	1296.9	1188.6	1136.6	Ave		1210.97240				10.2		20.0			
delta-BHC	2329.6 2169.2	2445.1	2348.2	2314.2	Ave		2321.27080				4.3		20.0			
Heptachlor	2445.9 1801.4	2266.4	2082.7	1945.9	Ave		2108.46480				12.1		20.0			
Aldrin	2781.7 2407.9	2871.1	2755.1	2599.2	Ave		2683.00400				6.8		20.0			
Heptachlor epoxide	2649.9 2108.1	2586.2	2425.3	2274.3	Ave		2408.74360				9.2		20.0			
gamma-Chlordane	2662.0 2280.6	2684.5	2532.4	2419.1	Ave		2515.73120				6.7		20.0			
alpha-Chlordane	2649.4 2043.1	2528.6	2342.5	2193.6	Ave		2351.42040				10.4		20.0			
4,4'-DDE	1712.3 1531.1	1737.4	1647.8	1593.3	Ave		1644.38480				5.2		20.0			
Endosulfan I	2439.7 1877.7	2368.8	2216.8	2058.2	Ave		2192.24840				10.4		20.0			
Dieldrin	2270.9 1802.8	2222.4	2058.8	1941.7	Ave		2059.31880				9.4		20.0			
Endrin	2017.4 1474.4	1913.3	1731.7	1591.8	Ave		1745.72080				12.8		20.0			
4,4'-DDD	1250.7 1259.4	1484.4	1361.7	1352.0	Ave		1341.63080				7.1		20.0			
Endosulfan II	2209.8 1718.0	2187.7	2004.8	1874.6	Ave		1998.97400				10.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16286

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	1526.4 1376.0	1596.1	1473.5	1455.5	Ave		1485.50200				5.5		20.0			
Endrin aldehyde	1819.2 1374.1	1730.2	1585.3	1489.1	Ave		1599.57800				11.2		20.0			
Methoxychlor	681.60 540.02	698.22	640.49	593.35	Ave		630.735600				10.3		20.0			
Endosulfan sulfate	1898.3 1514.6	1844.4	1735.6	1634.5	Ave		1725.46960				9.0		20.0			
Endrin ketone	2085.1 1541.6	1917.2	1763.9	1666.4	Ave		1794.84280				11.8		20.0			
Tetrachloro-m-xylene	2295.2 1875.7	2124.8	1986.1	1934.6	Ave		2043.29900				8.2		20.0			
DCB Decachlorobiphenyl	1814.5 1453.5	1670.3	1506.1	1426.7	Ave		1574.22833				10.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 06:00 Calibration End Date: 07/02/2012 06:55 Calibration ID: 16286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/5	WR703618.D
Level 2	IC 460-118596/6	WR703619.D
Level 3	IC 460-118596/4	WR703617.D
Level 4	IC 460-118596/7	WR703620.D
Level 5	IC 460-118596/8	WR703621.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	30747	152335	286032	668216	1246055	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	29202	144393	271557	646227	1201924	10.0	50.0	100	250	500
beta-BHC	Ave	13711	64845	118863	284152	530812	10.0	50.0	100	250	500
delta-BHC	Ave	23296	122257	234823	578555	1084582	10.0	50.0	100	250	500
Heptachlor	Ave	24459	113318	208270	486487	900708	10.0	50.0	100	250	500
Aldrin	Ave	27817	143557	275509	649796	1203953	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	26499	129308	242529	568572	1054040	10.0	50.0	100	250	500
gamma-Chlordane	Ave	26620	134226	253240	604772	1140324	10.0	50.0	100	250	500
alpha-Chlordane	Ave	26494	126429	234250	548390	1021531	10.0	50.0	100	250	500
4,4'-DDE	Ave	17123	86872	164777	398324	765559	10.0	50.0	100	250	500
Endosulfan I	Ave	24397	118440	221681	514558	938850	10.0	50.0	100	250	500
Dieldrin	Ave	22709	111120	205880	485426	901395	10.0	50.0	100	250	500
Endrin	Ave	20174	95667	173169	397938	737211	10.0	50.0	100	250	500
4,4'-DDD	Ave	12507	74219	136174	337992	629683	10.0	50.0	100	250	500
Endosulfan II	Ave	22098	109385	200482	468644	858987	10.0	50.0	100	250	500
4,4'-DDT	Ave	15264	79806	147353	363873	687984	10.0	50.0	100	250	500
Endrin aldehyde	Ave	18192	86509	158527	372285	687050	10.0	50.0	100	250	500
Methoxychlor	Ave	6816	34911	64049	148337	270010	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	18983	92219	173557	408621	757307	10.0	50.0	100	250	500
Endrin ketone	Ave	20851	95861	176391	416601	770790	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	57381	106242	198611	290190	375141	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	45363	83516	150608	214009	290699	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: WR703617.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703617.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 06:00
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.987	1.987	0.000	198611	100.000	97	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.580	2.580	0.000	286032	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.117	3.117	0.000	271557	100.000	110	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.273	3.273	0.000	118863	100.000	98	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.603	3.603	0.000	234823	100.000	100	80.00- 120.00		100.00

Data File: WR703617.D
Report Date: 02-Jul-2012 08:48

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.993	3.993	0.000	208270	100.000	100	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
4.557	4.557	0.000	275509	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
5.713	5.713	0.000	242529	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.963	5.963	0.000	253240	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.177	6.177	0.000	234250	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
6.277	6.277	0.000	164777	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.360	6.360	0.000	221681	100.000	130	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.623	6.623	0.000	205880	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.853	6.853	0.000	173169	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.910	6.910	0.000	136174	100.000	81	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
7.080	7.080	0.000	200482	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
7.193	7.193	0.000	147353	100.000	99	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.507	7.507	0.000	158527	100.000	99	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.703	7.703	0.000	64049	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.973	7.973	0.000	173557	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.270	8.270	0.000	176391	100.000	98	80.00- 120.00		100.00

Data File: WR703617.D
Report Date: 02-Jul-2012 08:48

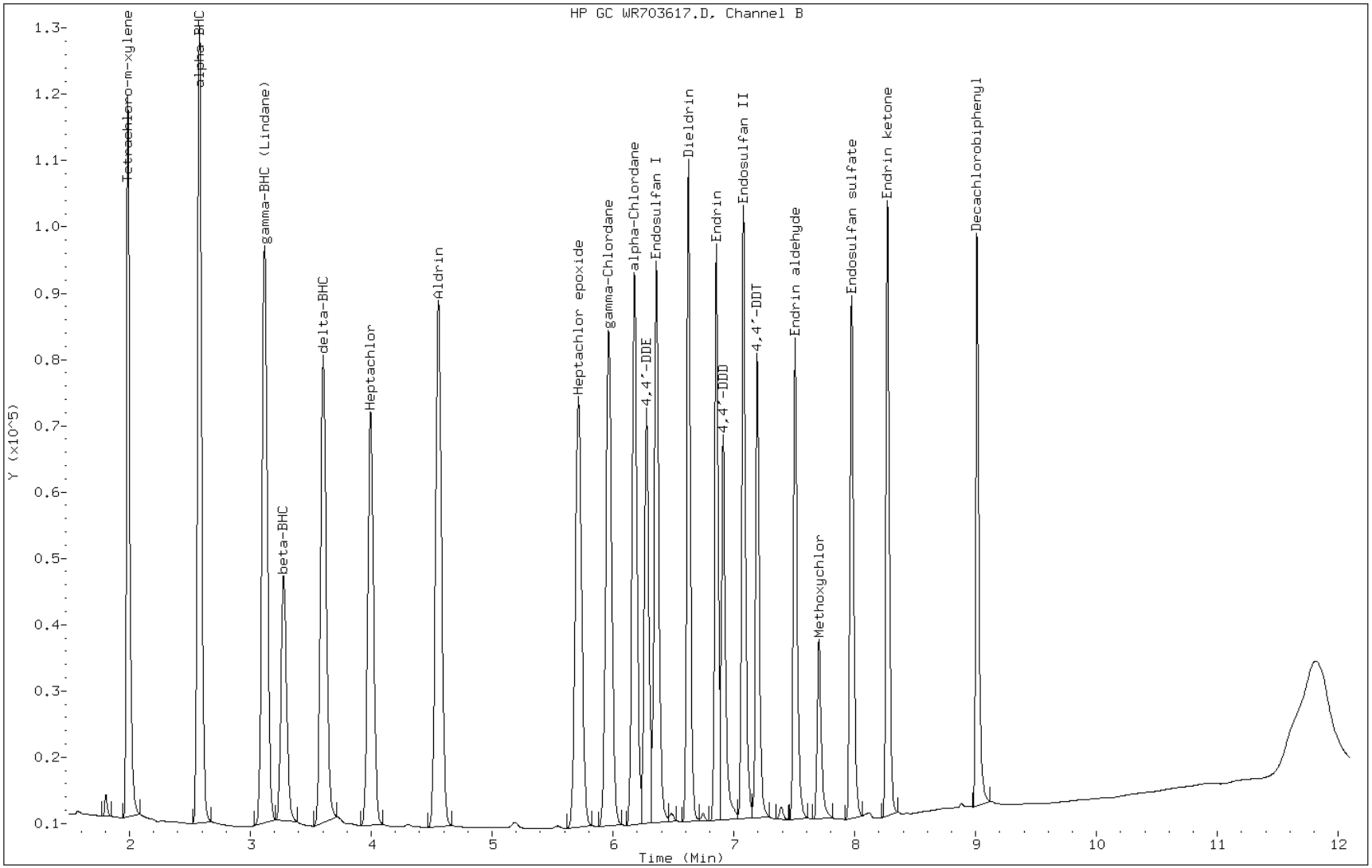
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.010	9.010	0.000	150608	100.000	96	80.00- 120.00	100.00

Data File: WR703617.D

Date: 02-JUL-2012 06:00

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703618.D
Lab Smp Id: SGPESTL1_00015
Inj Date : 02-JUL-2012 06:14
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.990	1.987	0.003	57381	25.0000	28	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.583	2.580	0.003	30747	10.0000	11	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.120	3.117	0.003	29202	10.0000	11	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.280	3.273	0.007	13711	10.0000	11	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.607	3.603	0.004	23296	10.0000	10	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.997	3.993	0.004	24459	10.0000	12	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
4.557	4.557	0.000	27817	10.0000	10	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
5.713	5.713	0.000	26499	10.0000	11	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.967	5.963	0.004	26620	10.0000	10	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.180	6.177	0.003	26494	10.0000	11	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
6.280	6.277	0.003	17123	10.0000	10	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.360	6.360	0.000	24397	10.0000	11	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.627	6.623	0.004	22709	10.0000	11	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.857	6.853	0.004	20174	10.0000	12	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.913	6.910	0.003	12507	10.0000	9.3	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
7.080	7.080	0.000	22098	10.0000	11	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
7.197	7.193	0.004	15264	10.0000	10	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.507	7.507	0.000	18192	10.0000	11	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.707	7.703	0.004	6816	10.0000	11	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.977	7.973	0.004	18983	10.0000	11	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.273	8.270	0.003	20851	10.0000	12	80.00- 120.00		100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
9.013	9.010	0.003	45363	25.0000	29	80.00- 120.00	100.00

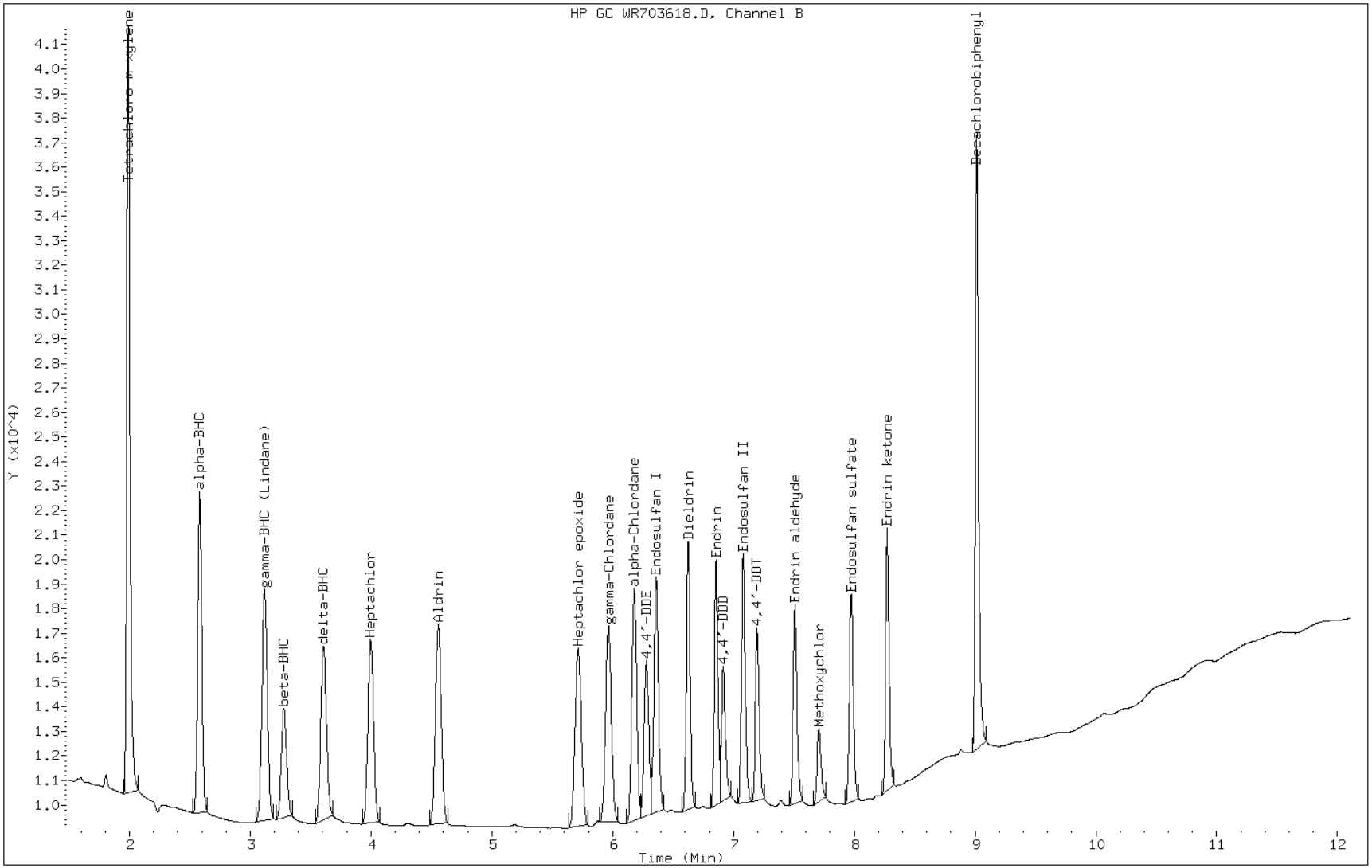
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: WR703618.D

Date: 02-JUL-2012 06:14

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL1_00015 Operator:



Data File: WR703619.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703619.D
Lab Smp Id: SGPESTL2_00012
Inj Date : 02-JUL-2012 06:28
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:28 Cal File: WR703619.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.987	1.987	0.000	106242	50.0000	52	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.580	2.580	0.000	152335	50.0000	54	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.117	3.117	0.000	144393	50.0000	53	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.273	3.273	0.000	64845	50.0000	54	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.603	3.603	0.000	122257	50.0000	51	80.00- 120.00	100.00

Data File: WR703619.D
Report Date: 02-Jul-2012 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.993	3.993	0.000	113318	50.0000	50	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.553	4.557	-0.004	143557	50.0000	51	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.713	5.713	0.000	129308	50.0000	54	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.963	5.963	0.000	134226	50.0000	53	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.177	6.177	0.000	126429	50.0000	54	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.277	6.277	0.000	86872	50.0000	51	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.357	6.360	-0.003	118440	50.0000	58	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.623	6.623	0.000	111120	50.0000	54	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.853	6.853	0.000	95667	50.0000	51	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.913	6.910	0.003	74219	50.0000	52	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.077	7.080	-0.003	109385	50.0000	55	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.193	7.193	0.000	79806	50.0000	54	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.507	7.507	0.000	86509	50.0000	54	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.703	7.703	0.000	34911	50.0000	55	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.973	7.973	0.000	92219	50.0000	53	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.270	8.270	0.000	95861	50.0000	53	80.00- 120.00	100.00

Data File: WR703619.D
Report Date: 02-Jul-2012 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
9.010	9.010	0.000	83516	50.0000	53	80.00- 120.00	100.00

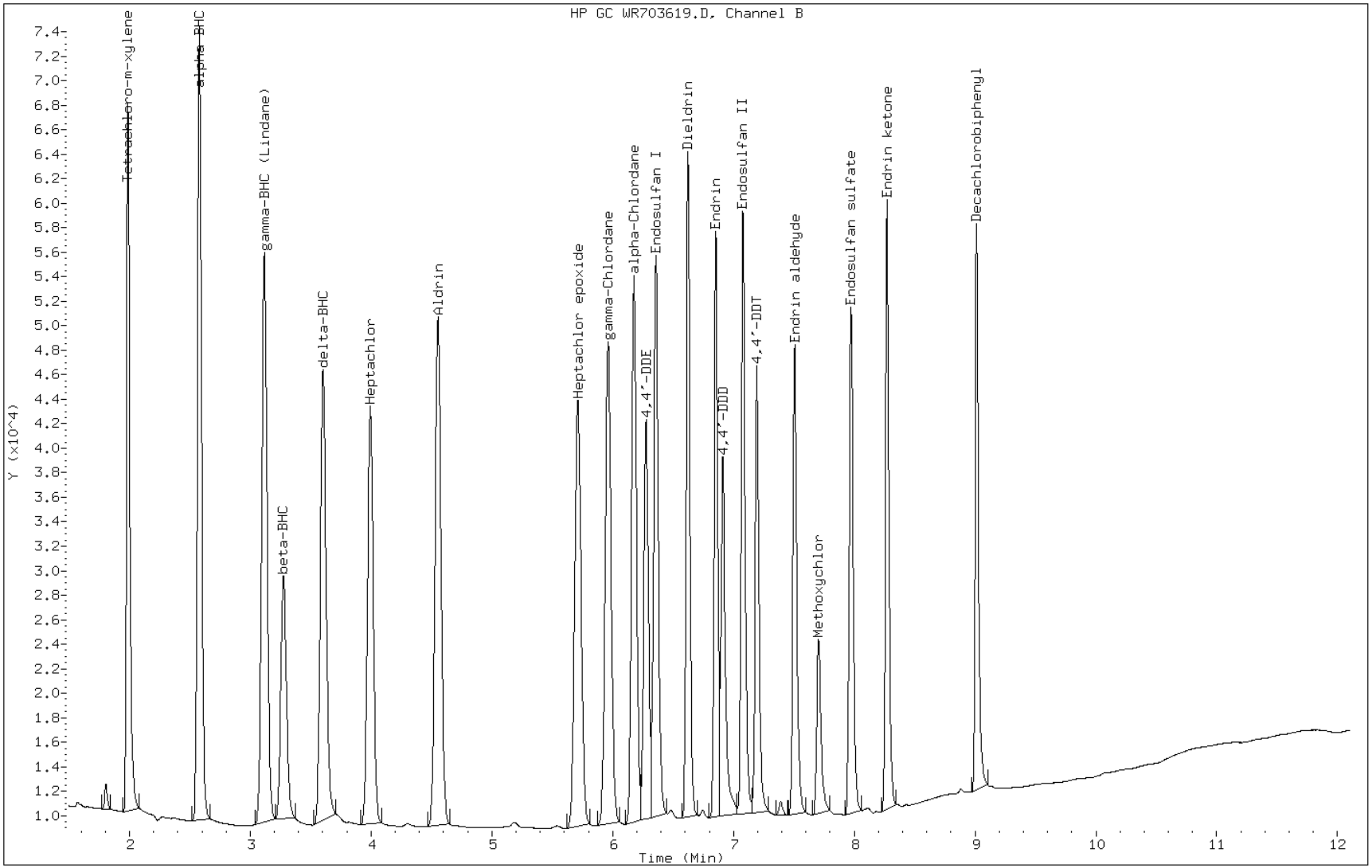
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: WR703619.D

Date: 02-JUL-2012 06:28

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL2_00012 Operator:



Data File: WR703620.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703620.D
Lab Smp Id: SGPESTL4_00012
Inj Date : 02-JUL-2012 06:42
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:42 Cal File: WR703620.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
1.987	1.987	0.000	290190	150.000	140	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.580	2.580	0.000	668216	250.000	240	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.117	3.117	0.000	646227	250.000	240	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
3.273	3.273	0.000	284152	250.000	230	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
3.603	3.603	0.000	578555	250.000	240	80.00- 120.00		100.00

Data File: WR703620.D
Report Date: 02-Jul-2012 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.997	3.993	0.004	486487	250.000	220	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.553	4.557	-0.004	649796	250.000	240	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.713	5.713	0.000	568572	250.000	240	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.963	5.963	0.000	604772	250.000	240	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.177	6.177	0.000	548390	250.000	230	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.273	6.277	-0.004	398324	250.000	240	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.357	6.360	-0.003	514558	250.000	240	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.623	6.623	0.000	485426	250.000	240	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.853	6.853	0.000	397938	250.000	220	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.910	6.910	0.000	337992	250.000	240	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.077	7.080	-0.003	468644	250.000	230	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.190	7.193	-0.003	363873	250.000	240	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.503	7.507	-0.004	372285	250.000	230	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.700	7.703	-0.003	148337	250.000	240	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.970	7.973	-0.003	408621	250.000	240	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.270	8.270	0.000	416601	250.000	230	80.00- 120.00	100.00

Data File: WR703620.D
Report Date: 02-Jul-2012 08:48

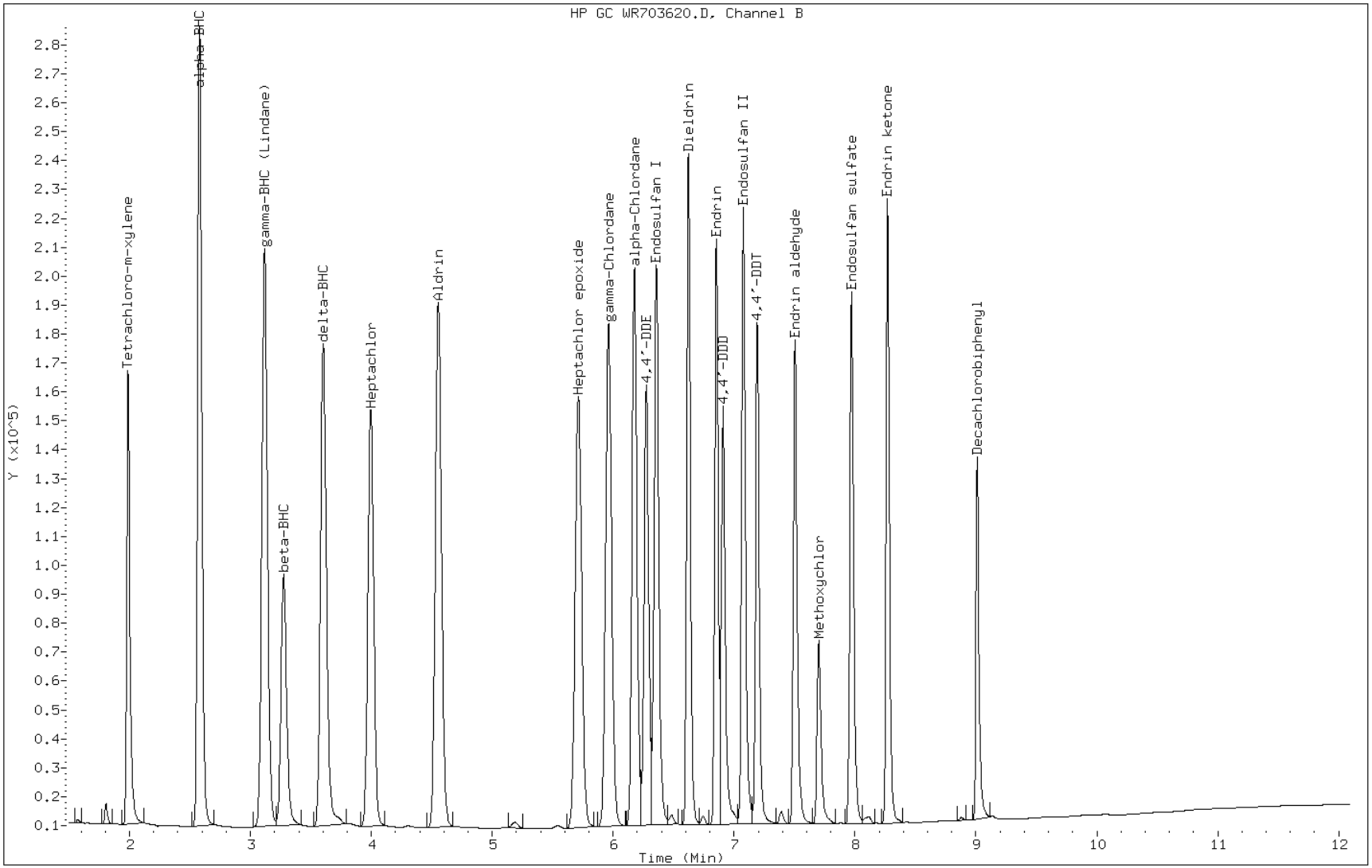
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.010	9.010	0.000	214009	150.000	140	80.00- 120.00	100.00

Data File: WR703620.D

Date: 02-JUL-2012 06:42

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL4_00012 Operator:



Data File: WR703621.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703621.D
Lab Smp Id: SGPESTL5_00012
Inj Date : 02-JUL-2012 06:55
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:55 Cal File: WR703621.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.987	1.987	0.000	375141	200.000	180	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.577	2.580	-0.003	1246055	500.000	440	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.113	3.117	-0.004	1201924	500.000	440	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.270	3.273	-0.003	530812	500.000	440	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.600	3.603	-0.003	1084582	500.000	470	80.00- 120.00	100.00

Data File: WR703621.D
Report Date: 02-Jul-2012 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
3.993	3.993	0.000	900708	500.000	430	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
4.550	4.557	-0.007	1203953	500.000	450	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
5.710	5.713	-0.003	1054040	500.000	440	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
5.960	5.963	-0.003	1140324	500.000	450	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
6.173	6.177	-0.004	1021531	500.000	430	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
6.273	6.277	-0.004	765559	500.000	460	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
6.357	6.360	-0.003	938850	500.000	430	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
6.623	6.623	0.000	901395	500.000	440	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.853	6.853	0.000	737211	500.000	420	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.907	6.910	-0.003	629683	500.000	470	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
7.077	7.080	-0.003	858987	500.000	430	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
7.190	7.193	-0.003	687984	500.000	460	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.503	7.507	-0.004	687050	500.000	430	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.700	7.703	-0.003	270010	500.000	430	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.970	7.973	-0.003	757307	500.000	440	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.270	8.270	0.000	770790	500.000	430	80.00- 120.00	100.00

Data File: WR703621.D
Report Date: 02-Jul-2012 08:48

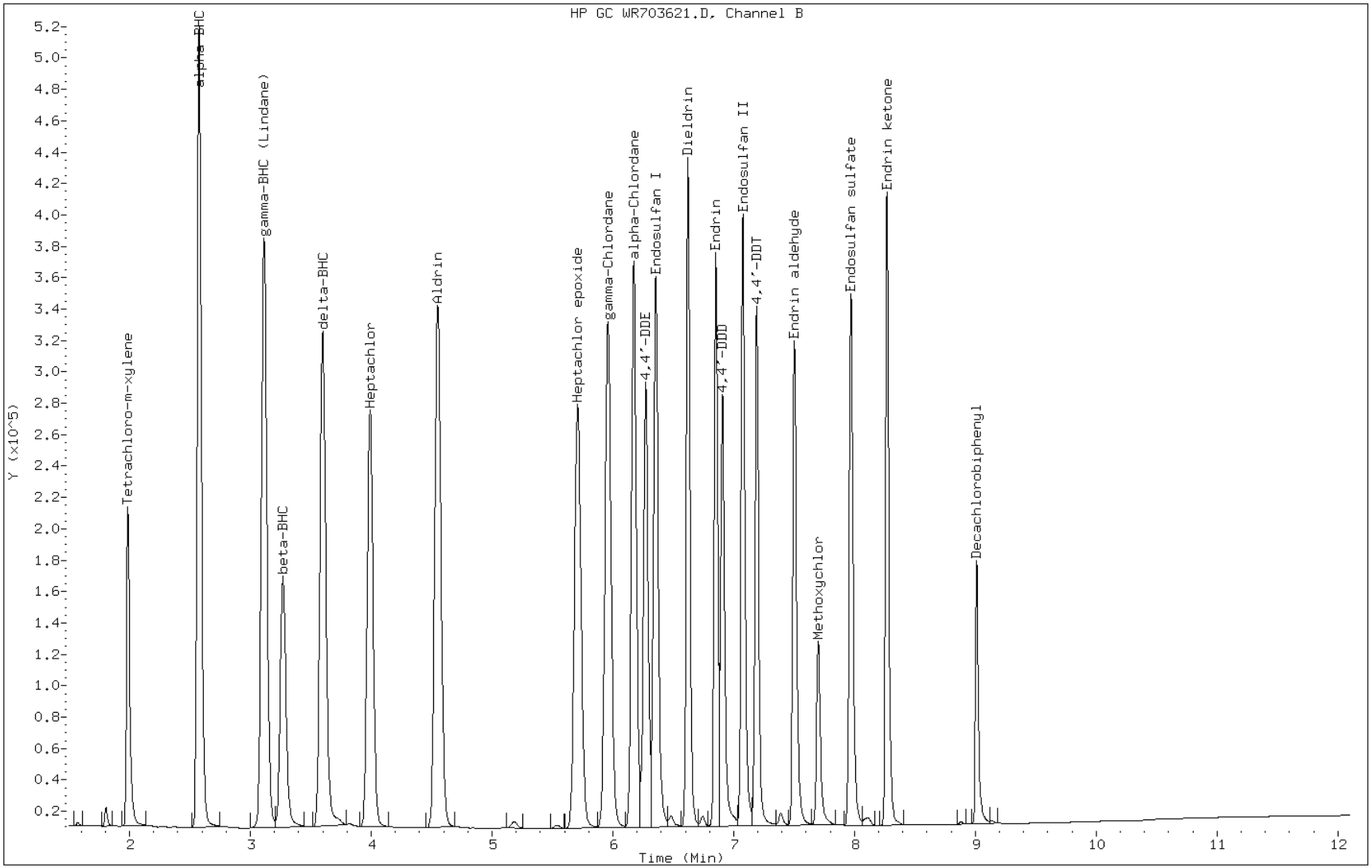
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.010	9.010	0.000	290699	200.000	180	80.00- 120.00	100.00

Data File: WR703621.D

Date: 02-JUL-2012 06:55

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL5_00012 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16287

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WF703622.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.873										4.803 - 4.943	4.873
Chlordane (technical) Peak 2	5.167										5.097 - 5.237	5.167
Chlordane (technical) Peak 3	6.113										6.043 - 6.183	6.113
Chlordane (technical) Peak 4	6.863										6.793 - 6.933	6.863
Chlordane (technical) Peak 5	6.957										6.887 - 7.027	6.957
Chlordane (technical) Peak 6	7.017										6.947 - 7.087	7.017
Chlordane (technical) Peak 7	7.810										7.740 - 7.880	7.810
Chlordane (technical) Peak 8	8.020										7.950 - 8.090	8.020

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16287

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WF703622.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	110.88				Ave		110.881000						20.0			
Chlordane (technical) Peak	140.63				Ave		140.629000						20.0			
Chlordane (technical) Peak	101.20				Ave		101.195000						20.0			
Chlordane (technical) Peak	256.64				Ave		256.642000						20.0			
Chlordane (technical) Peak	211.13				Ave		211.125000						20.0			
Chlordane (technical) Peak	224.82				Ave		224.820000						20.0			
Chlordane (technical) Peak	44.546				Ave		44.5460000						20.0			
Chlordane (technical) Peak	71.364				Ave		71.3640000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16287

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WF703622.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	110881					1000				
Chlordane (technical) Peak 2	Ave	140629					1000				
Chlordane (technical) Peak 3	Ave	101195					1000				
Chlordane (technical) Peak 4	Ave	256642					1000				
Chlordane (technical) Peak 5	Ave	211125					1000				
Chlordane (technical) Peak 6	Ave	224820					1000				
Chlordane (technical) Peak 7	Ave	44546					1000				
Chlordane (technical) Peak 8	Ave	71364					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703622.D
Lab Smp Id: SGCHLOL3_00010
Inj Date : 02-JUL-2012 07:09
Operator : Inst ID: PESTGC4.i
Smp Info : SGCHLOL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLORDANE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
4.873	4.873	0.000	110881	1000.00	1000	80.00- 120.00	100.00
5.167	5.167	0.000	140629	1000.00	1000	101.46- 152.19	126.83
6.113	6.113	0.000	101195	1000.00	1000	73.01- 109.52	91.26
6.863	6.863	0.000	256642	1000.00	1000	185.17- 277.75	231.46
6.957	6.957	0.000	211125	1000.00	1000	152.33- 228.49	190.41
7.017	7.017	0.000	224820	1000.00	1000	162.21- 243.31	202.76
7.810	7.810	0.000	44546	1000.00	1000	32.14- 48.21	40.17
8.020	8.020	0.000	71364	1000.00	1000	51.49- 77.23	64.36
Average of Peak Amounts =					1e+03		

Data File: WF703622.D

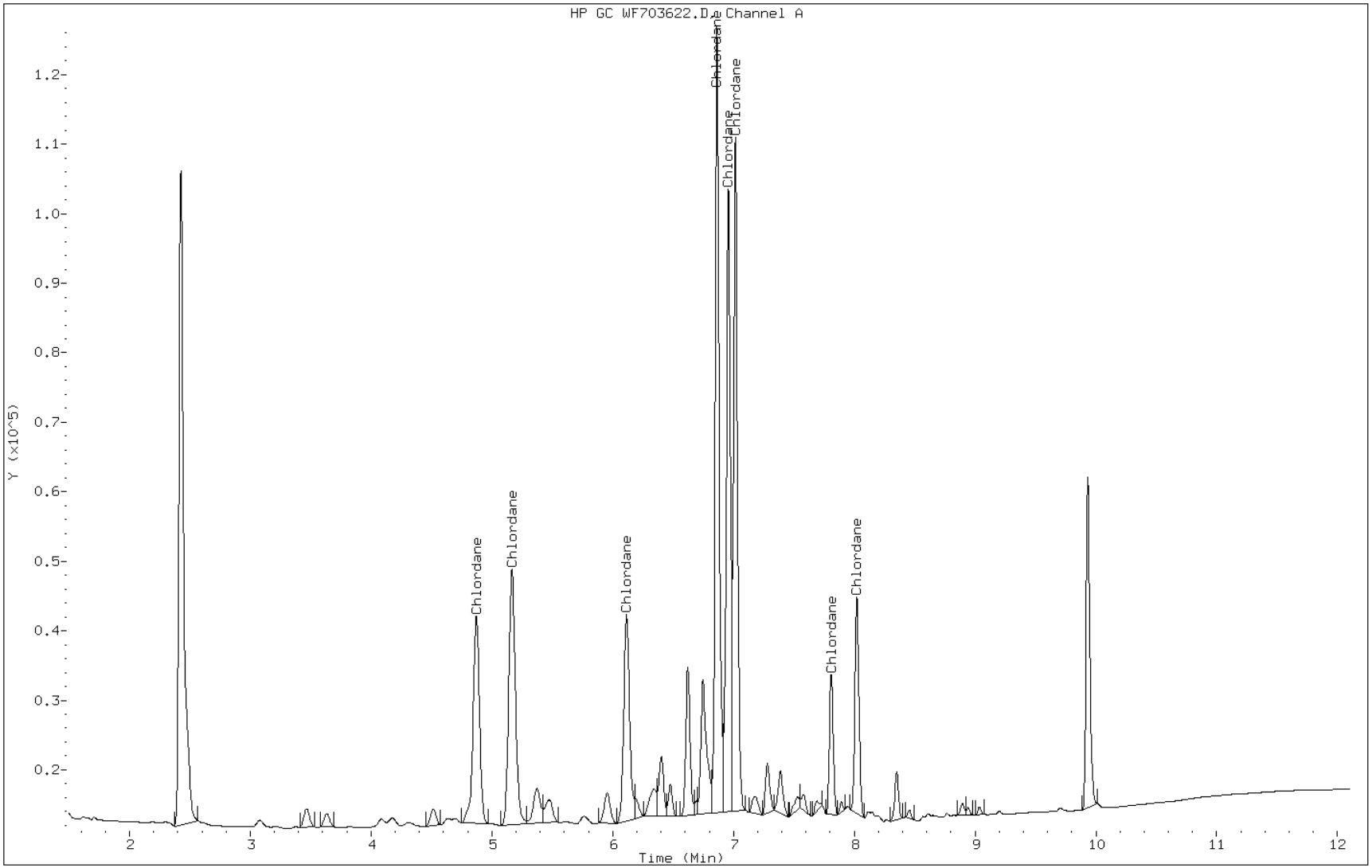
Date: 02-JUL-2012 07:09

Client ID:

Instrument: PESTGC4.i

Sample Info: SGCHLOL3_00010

Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16288

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WR703622.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.847										3.777 - 3.917	3.847
Chlordane (technical) Peak 2	3.997										3.927 - 4.067	3.997
Chlordane (technical) Peak 3	4.803										4.733 - 4.873	4.803
Chlordane (technical) Peak 4	5.583										5.513 - 5.653	5.583
Chlordane (technical) Peak 5	5.963										5.893 - 6.033	5.963
Chlordane (technical) Peak 6	6.163										6.093 - 6.233	6.163
Chlordane (technical) Peak 7	6.887										6.817 - 6.957	6.887
Chlordane (technical) Peak 8	7.013										6.943 - 7.083	7.013

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16288

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WR703622.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	102.17				Ave		102.167000						20.0			
Chlordane (technical) Peak	110.66				Ave		110.662000						20.0			
Chlordane (technical) Peak	109.81				Ave		109.808000						20.0			
Chlordane (technical) Peak	53.870				Ave		53.8700000						20.0			
Chlordane (technical) Peak	324.61				Ave		324.612000						20.0			
Chlordane (technical) Peak	484.94				Ave		484.936000						20.0			
Chlordane (technical) Peak	57.306				Ave		57.3060000						20.0			
Chlordane (technical) Peak	81.686				Ave		81.6860000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:09 Calibration End Date: 07/02/2012 07:09 Calibration ID: 16288

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/9	WR703622.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	102167					1000				
Chlordane (technical) Peak 2	Ave	110662					1000				
Chlordane (technical) Peak 3	Ave	109808					1000				
Chlordane (technical) Peak 4	Ave	53870					1000				
Chlordane (technical) Peak 5	Ave	324612					1000				
Chlordane (technical) Peak 6	Ave	484936					1000				
Chlordane (technical) Peak 7	Ave	57306					1000				
Chlordane (technical) Peak 8	Ave	81686					1000				

Curve Type Legend:
Ave = Average

Data File: WR703622.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703622.D
Lab Smp Id: SGCHLOL3_00010
Inj Date : 02-JUL-2012 07:09
Operator : Inst ID: PESTGC4.i
Smp Info : SGCHLOL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLORDANE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
3.847	3.847	0.000	102167	1000.00	1000	80.00- 120.00	100.00
3.997	3.997	0.000	110662	1000.00	1000	86.65- 129.98	108.31
4.803	4.803	0.000	109808	1000.00	1000	85.98- 128.97	107.48
5.583	5.583	0.000	53870	1000.00	1000	42.18- 63.27	52.73
5.963	5.963	0.000	324612	1000.00	1000	254.18- 381.27	317.73
6.163	6.163	0.000	484936	1000.00	1000	379.72- 569.58	474.65
6.887	6.887	0.000	57306	1000.00	1000	44.87- 67.31	56.09
7.013	7.013	0.000	81686	1000.00	1000	63.96- 95.94	79.95
Average of Peak Amounts =					1e+03		

Data File: WR703622.D

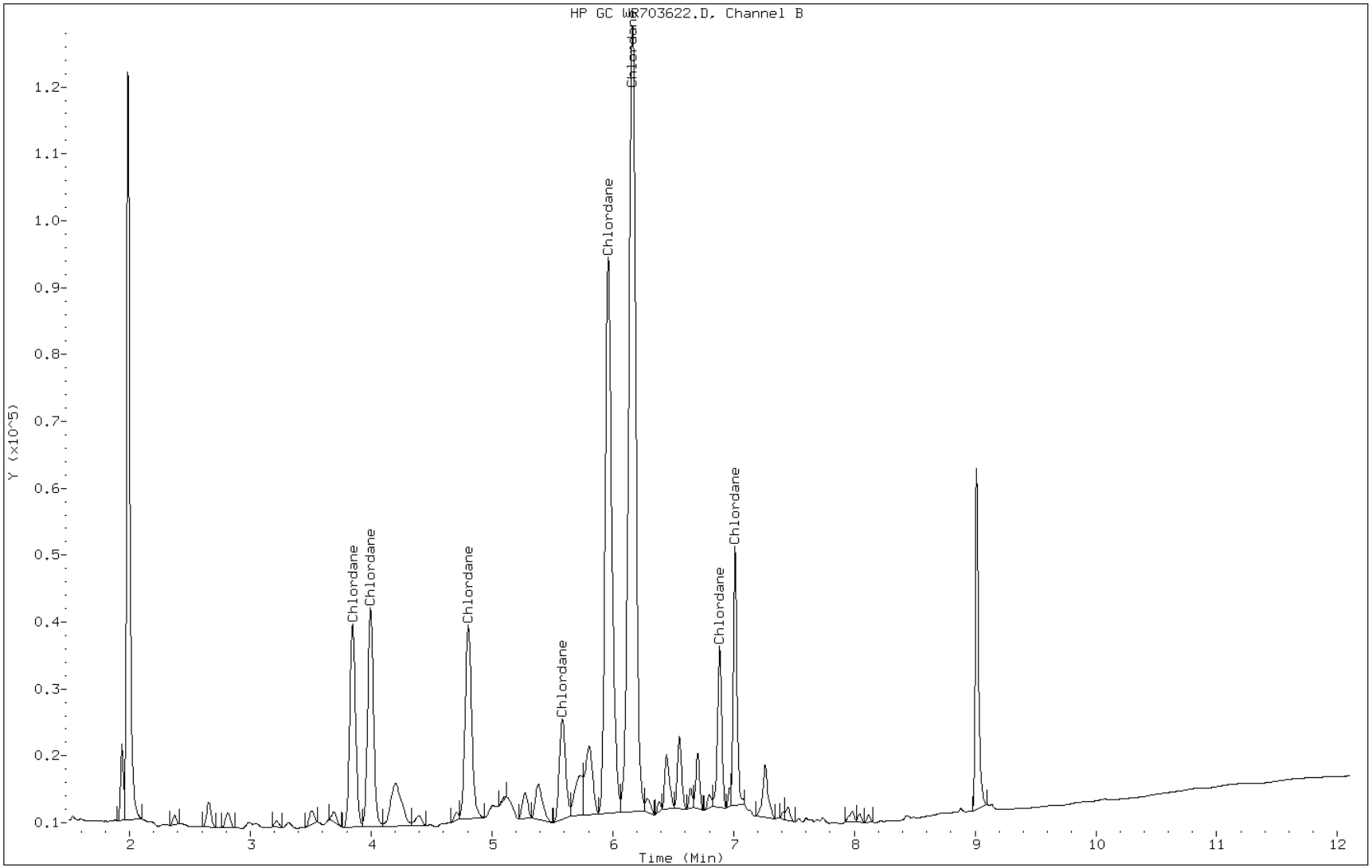
Date: 02-JUL-2012 07:09

Client ID:

Instrument: PESTGC4.i

Sample Info: SGCHLOL3_00010

Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16289

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WF703623.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.650										7.580 - 7.720	7.650
Toxaphene Peak 2	8.053										7.983 - 8.123	8.053
Toxaphene Peak 3	8.323										8.253 - 8.393	8.323
Toxaphene Peak 4	8.400										8.330 - 8.470	8.400
Toxaphene Peak 5	8.727										8.657 - 8.797	8.727
Toxaphene Peak 6	8.770										8.700 - 8.840	8.770
Toxaphene Peak 7	9.013										8.943 - 9.083	9.013
Toxaphene Peak 8	9.147										9.077 - 9.217	9.147

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16289

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WF703623.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	65.017				Ave		65.0170000						20.0			
Toxaphene Peak 2	72.043				Ave		72.0430000						20.0			
Toxaphene Peak 3	73.882				Ave		73.8820000						20.0			
Toxaphene Peak 4	73.921				Ave		73.9210000						20.0			
Toxaphene Peak 5	109.44				Ave		109.437000						20.0			
Toxaphene Peak 6	114.26				Ave		114.256000						20.0			
Toxaphene Peak 7	76.026				Ave		76.0260000						20.0			
Toxaphene Peak 8	70.342				Ave		70.3420000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16289

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WF703623.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	65017					1000				
Toxaphene Peak 2	Ave	72043					1000				
Toxaphene Peak 3	Ave	73882					1000				
Toxaphene Peak 4	Ave	73921					1000				
Toxaphene Peak 5	Ave	109437					1000				
Toxaphene Peak 6	Ave	114256					1000				
Toxaphene Peak 7	Ave	76026					1000				
Toxaphene Peak 8	Ave	70342					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/WF703623.D
Lab Smp Id: SGTOXL3_00013
Inj Date : 02-JUL-2012 07:23
Operator : Inst ID: PESTGC4.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12a.b/08Wf8081.m
Meth Date : 02-Jul-2012 08:44 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WF703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
20 Toxaphene					CAS #: 8001-35-2			
7.650	7.650	0.000	65017	1000.00	1000	80.00- 120.00	100.00(M)	
8.053	8.053	0.000	72043	1000.00	1000	88.65- 132.97	110.81	
8.323	8.323	0.000	73882	1000.00	1000	90.91- 136.36	113.63	
8.400	8.400	0.000	73921	1000.00	1000	90.96- 136.43	113.69	
8.727	8.727	0.000	109437	1000.00	1000	134.66- 201.98	168.32	
8.770	8.770	0.000	114256	1000.00	1000	140.59- 210.88	175.73	
9.013	9.013	0.000	76026	1000.00	1000	93.55- 140.32	116.93	
9.147	9.147	0.000	70342	1000.00	1000	86.55- 129.83	108.19	
Average of Peak Amounts =					1e+03			

QC Flag Legend

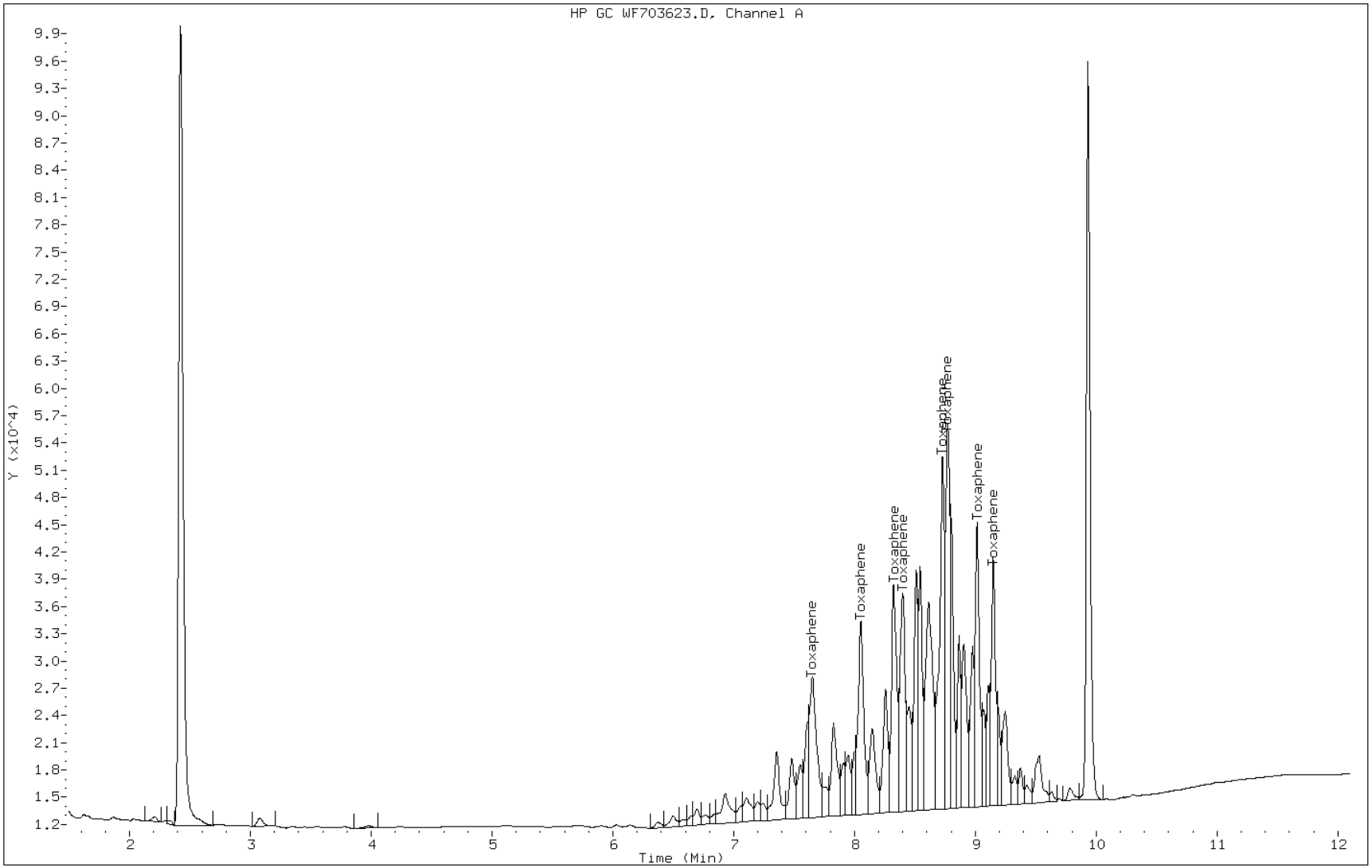
M - Compound response manually integrated.

Data File: WF703623.D

Date: 02-JUL-2012 07:23

Client ID: Instrument: PESTGC4.i

Sample Info: SGTOXL3_00013 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WR703623.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.813										6.743 - 6.883	6.813
Toxaphene Peak 2	7.137										7.067 - 7.207	7.137
Toxaphene Peak 3	7.420										7.350 - 7.490	7.420
Toxaphene Peak 4	7.483										7.413 - 7.553	7.483
Toxaphene Peak 5	7.620										7.550 - 7.690	7.620
Toxaphene Peak 6	7.870										7.800 - 7.940	7.870
Toxaphene Peak 7	8.257										8.187 - 8.327	8.257
Toxaphene Peak 8	8.390										8.320 - 8.460	8.390

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WR703623.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	63.991				Ave		63.9910000						20.0			
Toxaphene Peak 2	73.574				Ave		73.5740000						20.0			
Toxaphene Peak 3	77.557				Ave		77.5570000						20.0			
Toxaphene Peak 4	98.494				Ave		98.4940000						20.0			
Toxaphene Peak 5	84.188				Ave		84.1880000						20.0			
Toxaphene Peak 6	103.18				Ave		103.175000						20.0			
Toxaphene Peak 7	86.971				Ave		86.9710000						20.0			
Toxaphene Peak 8	51.916				Ave		51.9160000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 118596

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 07:23 Calibration End Date: 07/02/2012 07:23 Calibration ID: 16290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-118596/10	WR703623.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	63991					1000				
Toxaphene Peak 2	Ave	73574					1000				
Toxaphene Peak 3	Ave	77557					1000				
Toxaphene Peak 4	Ave	98494					1000				
Toxaphene Peak 5	Ave	84188					1000				
Toxaphene Peak 6	Ave	103175					1000				
Toxaphene Peak 7	Ave	86971					1000				
Toxaphene Peak 8	Ave	51916					1000				

Curve Type Legend:
Ave = Average

Data File: WR703623.D
Report Date: 02-Jul-2012 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/WR703623.D
Lab Smp Id: SGTOXL3_00013
Inj Date : 02-JUL-2012 07:23
Operator : Inst ID: PESTGC4.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b/08Wr8081.m
Meth Date : 02-Jul-2012 08:48 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

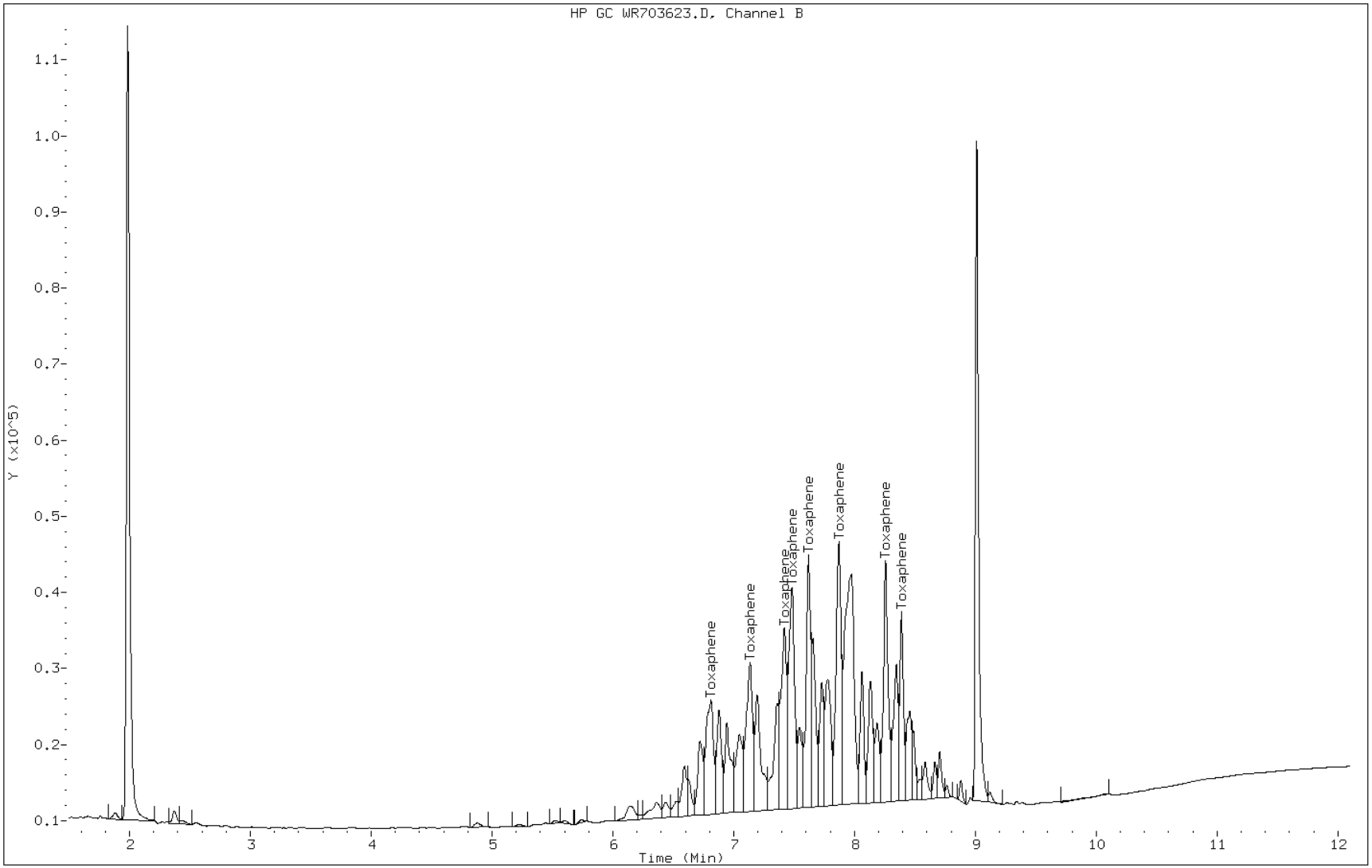
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
20 Toxaphene						CAS #: 8001-35-2		
6.813	6.813	0.000	63991	1000.00	1000	80.00-	120.00	100.00
7.137	7.137	0.000	73574	1000.00	1000	91.98-	137.97	114.98
7.420	7.420	0.000	77557	1000.00	1000	96.96-	145.44	121.20
7.483	7.483	0.000	98494	1000.00	1000	123.13-	184.70	153.92
7.620	7.620	0.000	84188	1000.00	1000	105.25-	157.87	131.56
7.870	7.870	0.000	103175	1000.00	1000	128.99-	193.48	161.23
8.257	8.257	0.000	86971	1000.00	1000	108.73-	163.09	135.91
8.390	8.390	0.000	51916	1000.00	1000	64.90-	97.36	81.13
Average of Peak Amounts =				1e+03				

Data File: WR703623.D

Date: 02-JUL-2012 07:23

Client ID: Instrument: PESTGC4.i

Sample Info: SGTOXL3_00013 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: PEM 460-118973/2 Calibration Date: 07/02/2012 11:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135636.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.83	697351	5.19	15	
Endrin aldehyde	8.47	10082			
Endrin ketone	9.40	28071			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.31	595675	7.04	15	
4,4'-DDD	7.95	21159			
4,4'-DDE	7.19	23977			

Data File: xf135636.d
Report Date: 09-Jul-2012 07:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135636.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 02-JUL-2012 11:31
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 QC Sample: END/DDT
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.947	7.933	0.014	21159	8.24069	5.5	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.193	7.173	0.020	23977	7.02686	4.7	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.307	8.297	0.010	595675	259.077	170	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.833	7.823	0.010	697351	245.967	160	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.473	8.463	0.010	10082	4.07332	2.7	80.00- 120.00	100.00(a)

Data File: xf135636.d
Report Date: 09-Jul-2012 07:05

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
16 Endrin ketone					CAS #: 53494-70-5		
9.400	9.390	0.010	28071	10.0409	6.7	80.00- 120.00	100.00

QC Flag Legend

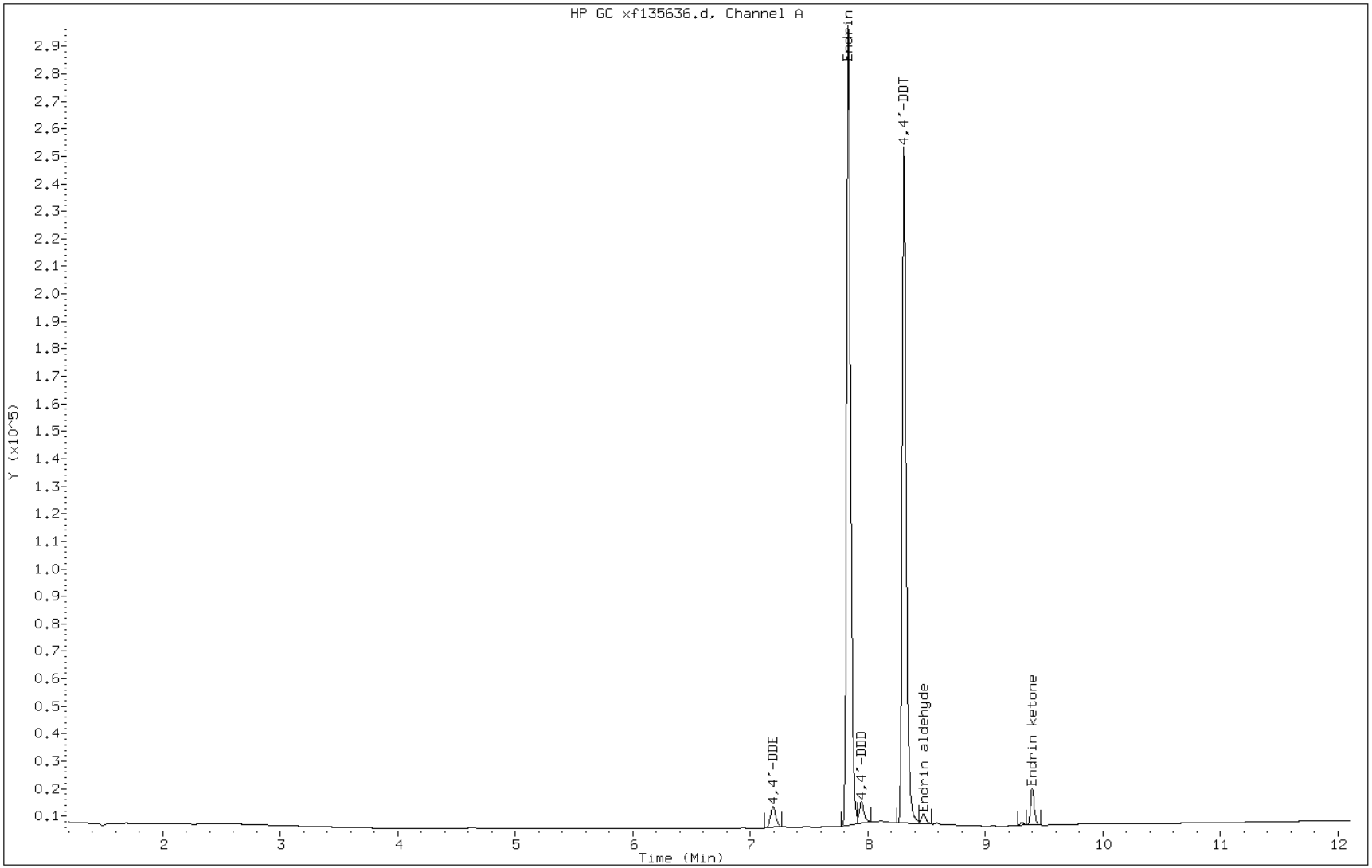
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135636.d

Date: 02-JUL-2012 11:31

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: PEM 460-118973/2 Calibration Date: 07/02/2012 11:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135636.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.99	1373040	4.06	15	
Endrin aldehyde	7.36	13918			
Endrin ketone	8.19	44224			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.86	1239240	6.60	15	
4,4'-DDD	6.20	32401			
4,4'-DDE	4.71	55123			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135636.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 02-JUL-2012 11:31
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 QC Sample: END/DDT
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.200	6.197	0.003	32401	6.63637	4.4	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
4.707	4.713	-0.006	55123	8.87406	5.9	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
6.863	6.863	0.000	1239240	229.284	150	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
5.993	5.997	-0.004	1373040	234.209	160	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.363	7.357	0.006	13918	3.56743	2.4	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.187	8.183	0.004	44224	10.1042	6.7	80.00- 120.00	100.00

QC Flag Legend

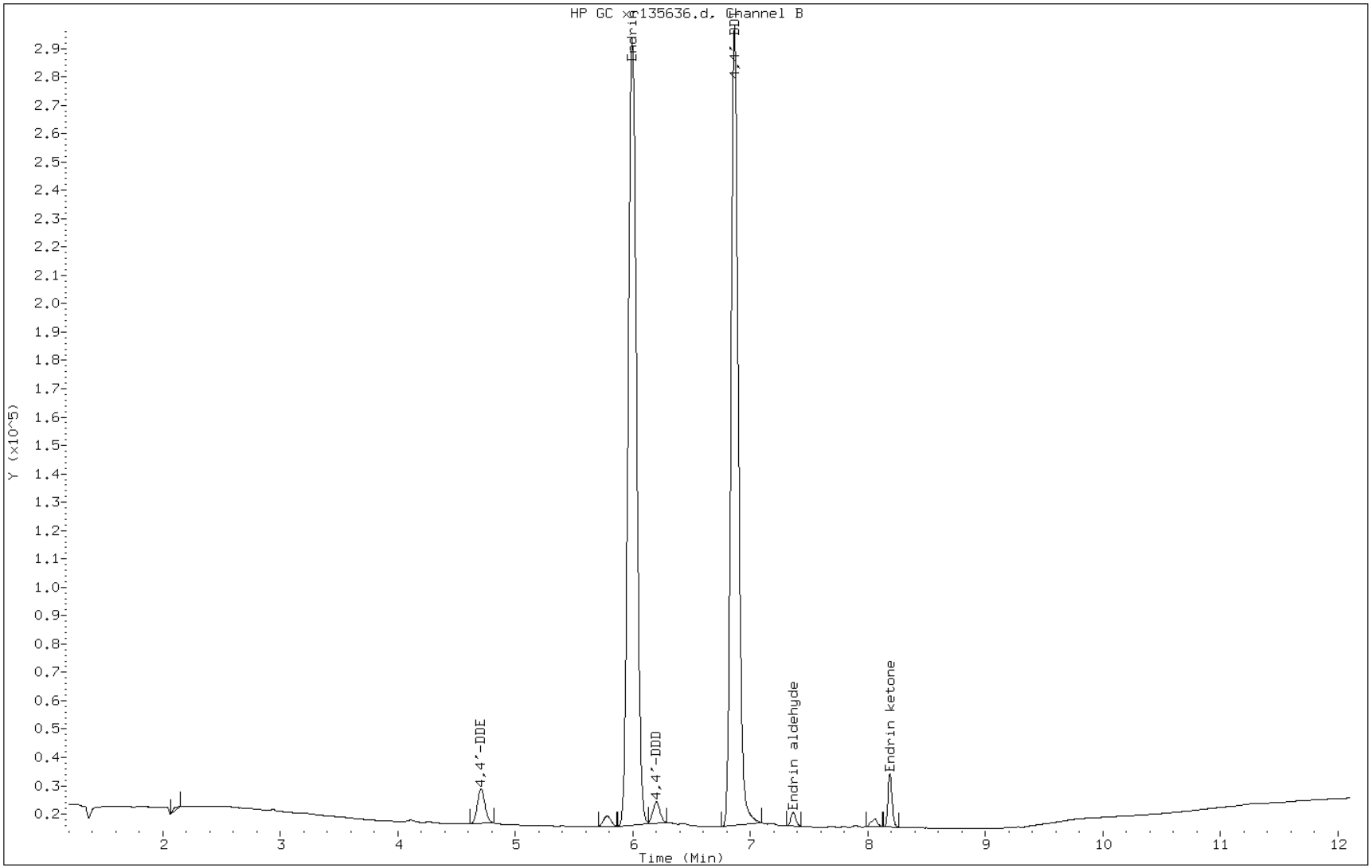
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr135636.d

Date: 02-JUL-2012 11:31

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118973/1 Calibration Date: 07/02/2012 11:17

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135635.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4657	4599		98.8	100	-1.2	15.0
gamma-BHC (Lindane)	Ave	4216	4185		99.3	100	-0.7	15.0
beta-BHC	Ave	2078	2069		99.6	100	-0.4	15.0
delta-BHC	Ave	4192	4097		97.7	100	-2.3	15.0
Heptachlor	Ave	2977	3402		114	100	14.3	15.0
Aldrin	Ave	4286	4467		104	100	4.2	15.0
Heptachlor epoxide	Ave	3928	4093		104	100	4.2	15.0
gamma-Chlordane	Ave	4076	4205		103	100	3.2	15.0
alpha-Chlordane	Ave	3911	4041		103	100	3.3	15.0
Endosulfan I	Ave	3502	3673		105	100	4.9	15.0
4,4'-DDE	Ave	3412	3561		104	100	4.3	15.0
Dieldrin	Ave	3520	3699		105	100	5.1	15.0
Endrin	Ave	2835	2950		104	100	4.0	15.0
4,4'-DDD	Ave	2568	2790		109	100	8.7	15.0
Endosulfan II	Ave	2980	3081		103	100	3.4	15.0
4,4'-DDT	Ave	2299	2506		109	100	9.0	15.0
Endrin aldehyde	Ave	2475	2452		99.0	100	-1.0	15.0
Endosulfan sulfate	Ave	2680	2629		98.1	100	-1.9	15.0
Methoxychlor	Ave	997	1146		115	100	14.9	15.0
Endrin ketone	Ave	2796	2771		99.1	100	-0.9	15.0
Tetrachloro-m-xylene	Ave	3492	3362		96.3	100	-3.7	15.0
DCB Decachlorobiphenyl	Ave	2311	2309		99.9	100	-0.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118973/1 Calibration Date: 07/02/2012 11:17

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135635.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.11	3.06	3.16
beta-BHC	3.20	3.14	3.24
delta-BHC	3.57	3.52	3.62
Heptachlor	3.68	3.63	3.73
Aldrin	4.46	4.41	4.51
Heptachlor epoxide	5.99	5.92	6.06
gamma-Chlordane	6.48	6.41	6.55
alpha-Chlordane	6.84	6.77	6.91
Endosulfan I	6.98	6.91	7.05
4,4'-DDE	7.17	7.10	7.24
Dieldrin	7.45	7.38	7.52
Endrin	7.82	7.75	7.89
4,4'-DDD	7.93	7.86	8.00
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.46	8.39	8.53
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
Tetrachloro-m-xylene	2.27	2.22	2.32
DCB Decachlorobiphenyl	10.31	10.21	10.41

Data File: xf135635.d
Report Date: 09-Jul-2012 07:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135635.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 11:17
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.273	2.273	0.000	336177	100.000	96	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	459870	100.000	99	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.107	3.107	0.000	418487	100.000	99	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	206860	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	409659	100.000	98	80.00- 120.00	100.00

Data File: xf135635.d
Report Date: 09-Jul-2012 07:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.677	3.677	0.000	340222	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.463	4.463	0.000	446717	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	409272	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	420514	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	404075	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	367288	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	356056	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	369900	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	294979	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	278990	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	308091	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	250612	100.000	110	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.463	0.000	245158	100.000	99	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	262943	100.000	98	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	114558	100.000	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	277061	100.000	99	80.00- 120.00	100.00

Data File: xf135635.d
Report Date: 09-Jul-2012 07:05

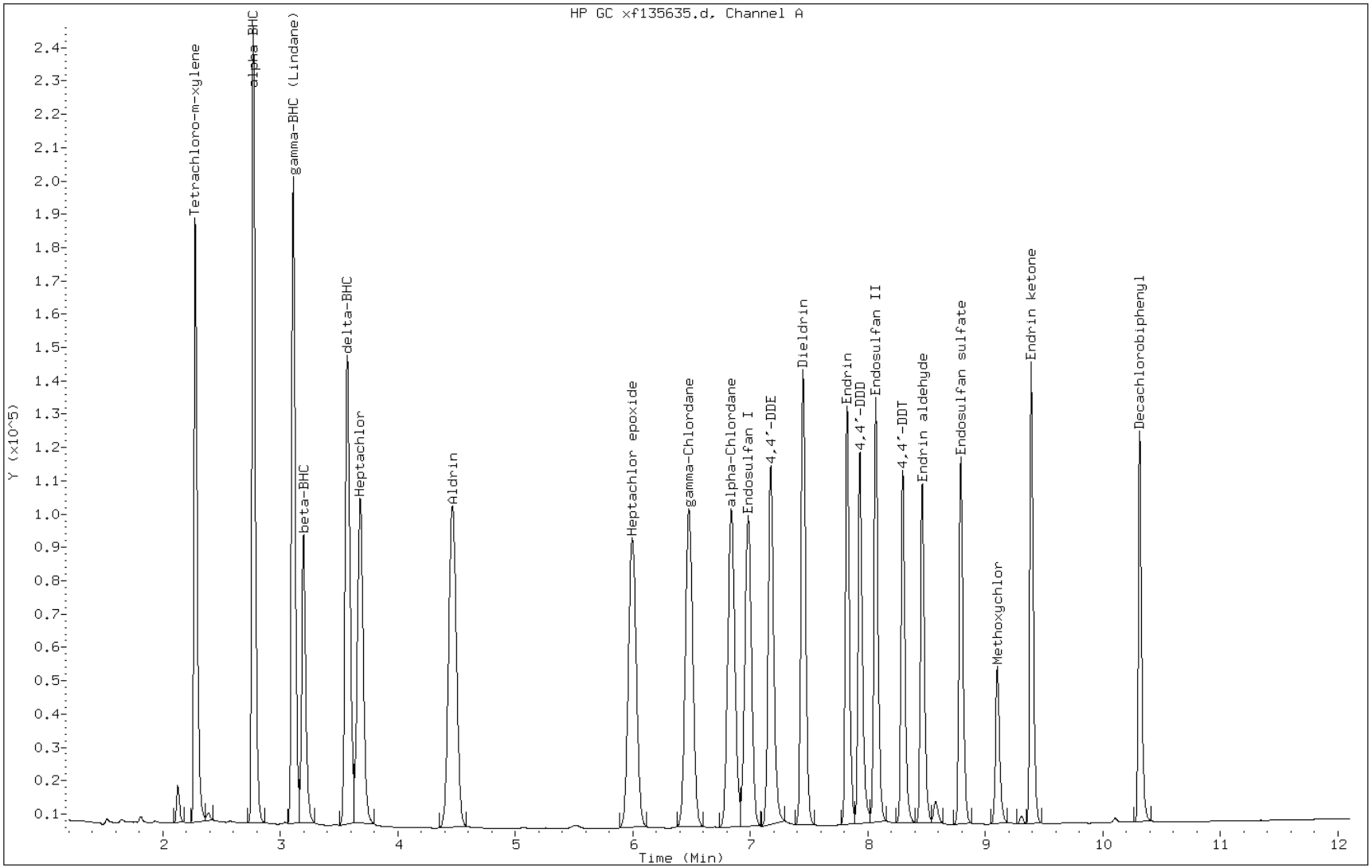
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	230886	100.000	100	80.00- 120.00	100.00

Data File: xf135635.d

Date: 02-JUL-2012 11:17

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118973/1 Calibration Date: 07/02/2012 11:17

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135635.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8194	7599		92.7	100	-7.3	15.0
gamma-BHC (Lindane)	Ave	7214	6739		93.4	100	-6.6	15.0
beta-BHC	Ave	3575	3476		97.2	100	-2.8	15.0
delta-BHC	Ave	7291	6757		92.7	100	-7.3	15.0
Heptachlor	Ave	6768	6470		95.6	100	-4.4	15.0
Aldrin	Ave	6678	6614		99.0	100	-1.0	15.0
Heptachlor epoxide	Ave	7189	7183		99.9	100	-0.0	15.0
gamma-Chlordane	Ave	7435	7488		101	100	0.7	15.0
alpha-Chlordane	Ave	7048	7119		101	100	1.0	15.0
4,4'-DDE	Ave	6212	6286		101	100	1.2	15.0
Endosulfan I	Ave	6767	7036		104	100	4.0	15.0
Dieldrin	Ave	6632	6914		104	100	4.2	15.0
Endrin	Ave	5862	6081		104	100	3.7	15.0
4,4'-DDD	Ave	4882	5278		108	100	8.1	15.0
Endosulfan II	Ave	5584	5802		104	100	3.9	15.0
4,4'-DDT	Ave	5405	5394		99.8	100	-0.2	15.0
Endrin aldehyde	Ave	3901	3999		102	100	2.5	15.0
Methoxychlor	Ave	2100	2008		95.6	100	-4.4	15.0
Endosulfan sulfate	Ave	3830	3829		100	100	-0.0	15.0
Endrin ketone	Ave	4377	4362		99.7	100	-0.3	15.0
Tetrachloro-m-xylene	Ave	6069	5748		94.7	100	-5.3	15.0
DCB Decachlorobiphenyl	Ave	3784	3620		95.7	100	-4.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118973/1 Calibration Date: 07/02/2012 11:17

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135635.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.26	2.21	2.31
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.55	2.50	2.60
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.90	3.83	3.97
gamma-Chlordane	4.20	4.13	4.27
alpha-Chlordane	4.51	4.44	4.58
4,4'-DDE	4.72	4.64	4.78
Endosulfan I	4.81	4.74	4.88
Dieldrin	5.41	5.34	5.48
Endrin	6.00	5.93	6.07
4,4'-DDD	6.20	6.13	6.27
Endosulfan II	6.55	6.47	6.61
4,4'-DDT	6.86	6.79	6.93
Endrin aldehyde	7.36	7.29	7.43
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.87	7.80	7.94
Endrin ketone	8.18	8.11	8.25
Tetrachloro-m-xylene	1.88	1.83	1.93
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135635.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 11:17
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.880	1.880	0.000	574775	100.000	95	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.263	2.263	0.000	759859	100.000	93	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.487	2.487	0.000	673875	100.000	93	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	347622	100.000	97	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	675706	100.000	93	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
2.847	2.847	0.000	647009	100.000	96	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.110	3.110	0.000	661398	100.000	99	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.903	3.903	0.000	718339	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.200	4.200	0.000	748773	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.510	4.510	0.000	711922	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.717	4.713	0.004	628613	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.813	4.813	0.000	703593	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.413	5.410	0.003	691407	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.000	5.997	0.003	608067	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.197	6.197	0.000	527819	100.000	110	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.547	6.543	0.004	580247	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.863	6.863	0.000	539362	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.360	7.357	0.003	399883	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.647	7.647	0.000	200766	100.000	96	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.873	7.873	0.000	382904	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.183	8.183	0.000	436224	100.000	100	80.00- 120.00		100.00

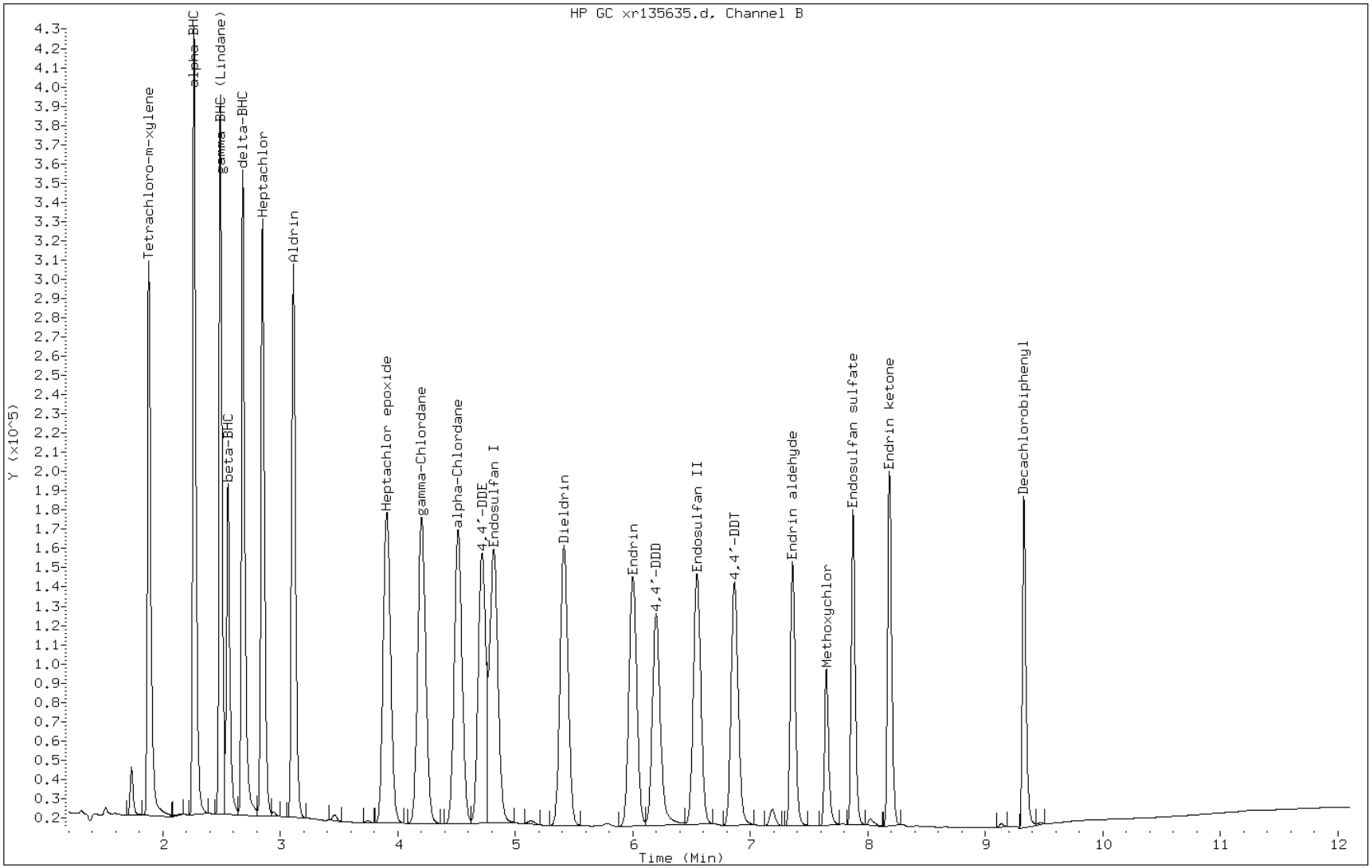
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.327	9.327	0.000	362004	100.000	96	80.00- 120.00	100.00

Data File: xr135635.d

Date: 02-JUL-2012 11:17

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118973/28 Calibration Date: 07/02/2012 17:32

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135662.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4657	4670		100	100	0.3	15.0
gamma-BHC (Lindane)	Ave	4216	4251		101	100	0.8	15.0
beta-BHC	Ave	2078	2112		102	100	1.6	15.0
delta-BHC	Ave	4192	4211		100	100	0.5	15.0
Heptachlor	Ave	2977	3051		102	100	2.5	15.0
Aldrin	Ave	4286	4562		106	100	6.4	15.0
Heptachlor epoxide	Ave	3928	4179		106	100	6.4	15.0
gamma-Chlordane	Ave	4076	4294		105	100	5.3	15.0
alpha-Chlordane	Ave	3911	4113		105	100	5.2	15.0
Endosulfan I	Ave	3502	3743		107	100	6.9	15.0
4,4'-DDE	Ave	3412	3666		107	100	7.4	15.0
Dieldrin	Ave	3520	3778		107	100	7.3	15.0
Endrin	Ave	2835	2912		103	100	2.7	15.0
4,4'-DDD	Ave	2568	2926		114	100	14.0	15.0
Endosulfan II	Ave	2980	3170		106	100	6.4	15.0
4,4'-DDT	Ave	2299	2266		98.6	100	-1.4	15.0
Endrin aldehyde	Ave	2475	2512		101	100	1.5	15.0
Endosulfan sulfate	Ave	2680	2678		99.9	100	-0.1	15.0
Methoxychlor	Ave	997	1026		103	100	2.9	15.0
Endrin ketone	Ave	2796	2919		104	100	4.4	15.0
Tetrachloro-m-xylene	Ave	3492	3362		96.3	100	-3.7	15.0
DCB Decachlorobiphenyl	Ave	2311	2371		103	100	2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118973/28 Calibration Date: 07/02/2012 17:32

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135662.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.11	3.06	3.16
beta-BHC	3.19	3.14	3.24
delta-BHC	3.57	3.52	3.62
Heptachlor	3.68	3.63	3.73
Aldrin	4.46	4.41	4.51
Heptachlor epoxide	5.99	5.92	6.06
gamma-Chlordane	6.48	6.41	6.55
alpha-Chlordane	6.84	6.77	6.91
Endosulfan I	6.98	6.91	7.05
4,4'-DDE	7.17	7.10	7.24
Dieldrin	7.45	7.38	7.52
Endrin	7.82	7.75	7.89
4,4'-DDD	7.93	7.86	8.00
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.46	8.39	8.53
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
Tetrachloro-m-xylene	2.27	2.22	2.32
DCB Decachlorobiphenyl	10.31	10.21	10.41

Data File: xf135662.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135662.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 17:32
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:07 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.273	2.273	0.000	336167	100.000	96	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.767	2.767	0.000	466968	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.107	3.107	0.000	425111	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.193	3.193	0.000	211158	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.570	3.570	0.000	421136	100.000	100	80.00- 120.00		100.00

Data File: xf135662.d
Report Date: 09-Jul-2012 07:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.677	3.677	0.000	305102	100.000	100	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.463	4.463	0.000	456215	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	417924	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	429385	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	411341	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	374290	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	366636	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	377772	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	291170	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	292600	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	316963	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	226626	100.000	98	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.463	0.000	251151	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	267760	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	102585	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	291921	100.000	100	80.00- 120.00	100.00

Data File: xf135662.d
Report Date: 09-Jul-2012 07:07

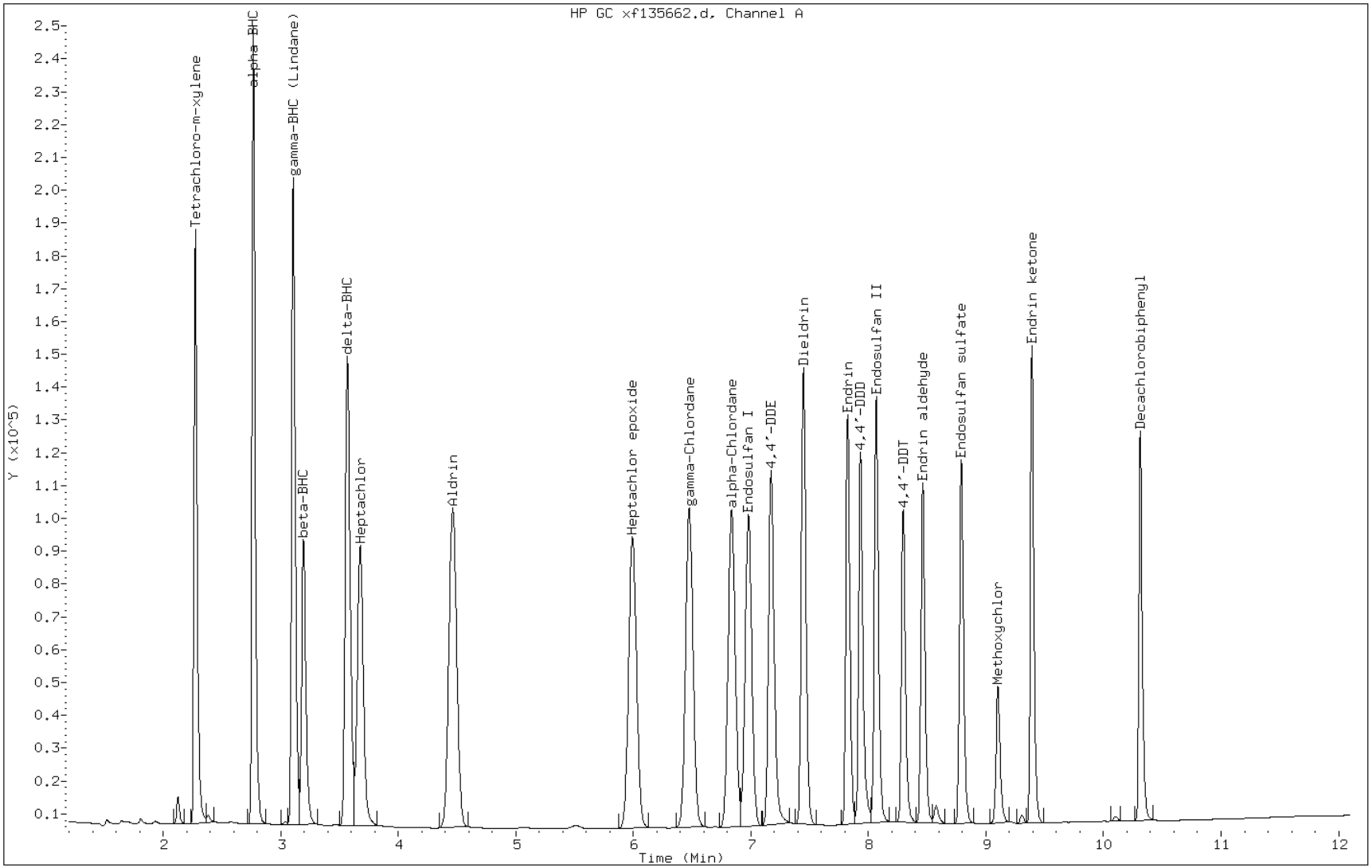
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	237108	100.000	100	80.00- 120.00	100.00

Data File: xf135662.d

Date: 02-JUL-2012 17:32

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118973/28 Calibration Date: 07/02/2012 17:32

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135662.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8194	8298		101	100	1.3	15.0
gamma-BHC (Lindane)	Ave	7214	7357		102	100	2.0	15.0
beta-BHC	Ave	3575	3732		104	100	4.4	15.0
delta-BHC	Ave	7291	7236		99.3	100	-0.7	15.0
Heptachlor	Ave	6768	6571		97.1	100	-2.9	15.0
Aldrin	Ave	6678	7199		108	100	7.8	15.0
Heptachlor epoxide	Ave	7189	7805		109	100	8.6	15.0
gamma-Chlordane	Ave	7435	8184		110	100	10.1	15.0
alpha-Chlordane	Ave	7048	7672		109	100	8.8	15.0
4,4'-DDE	Ave	6212	6792		109	100	9.3	15.0
Endosulfan I	Ave	6767	7652		113	100	13.1	15.0
Dieldrin	Ave	6632	7576		114	100	14.2	15.0
Endrin	Ave	5862	6262		107	100	6.8	15.0
4,4'-DDD	Ave	4882	5561		114	100	13.9	15.0
Endosulfan II	Ave	5584	6240		112	100	11.7	15.0
4,4'-DDT	Ave	5405	5506		102	100	1.9	15.0
Endrin aldehyde	Ave	3901	4393		113	100	12.6	15.0
Methoxychlor	Ave	2100	1959		93.3	100	-6.7	15.0
Endosulfan sulfate	Ave	3830	4128		108	100	7.8	15.0
Endrin ketone	Ave	4377	4838		111	100	10.5	15.0
Tetrachloro-m-xylene	Ave	6069	6143		101	100	1.2	15.0
DCB Decachlorobiphenyl	Ave	3784	4163		110	100	10.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118973/28 Calibration Date: 07/02/2012 17:32

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135662.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.26	2.21	2.31
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.55	2.50	2.60
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.90	3.83	3.97
gamma-Chlordane	4.20	4.13	4.27
alpha-Chlordane	4.51	4.44	4.58
4,4'-DDE	4.71	4.64	4.78
Endosulfan I	4.81	4.74	4.88
Dieldrin	5.41	5.34	5.48
Endrin	6.00	5.93	6.07
4,4'-DDD	6.20	6.13	6.27
Endosulfan II	6.54	6.47	6.61
4,4'-DDT	6.86	6.79	6.93
Endrin aldehyde	7.36	7.29	7.43
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.87	7.80	7.94
Endrin ketone	8.18	8.11	8.25
Tetrachloro-m-xylene	1.88	1.83	1.93
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135662.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 17:32
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.880	1.880	0.000	614338	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.263	2.263	0.000	829775	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.487	2.487	0.000	735709	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	373187	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	723612	100.000	99	80.00- 120.00		100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
2.847	2.847	0.000	657063	100.000	97	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
3.110	3.110	0.000	719921	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
3.903	3.903	0.000	780464	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
4.200	4.200	0.000	818397	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
4.510	4.510	0.000	767169	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
4.713	4.713	0.000	679161	100.000	110	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
4.813	4.813	0.000	765170	100.000	110	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
5.410	5.410	0.000	757619	100.000	110	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
5.997	5.997	0.000	626194	100.000	110	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.197	6.197	0.000	556072	100.000	110	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.543	6.543	0.000	623961	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.863	6.863	0.000	550610	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.357	7.357	0.000	439340	100.000	110	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.647	7.647	0.000	195853	100.000	93	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.873	7.873	0.000	412788	100.000	110	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.183	8.183	0.000	483757	100.000	110	80.00- 120.00	100.00

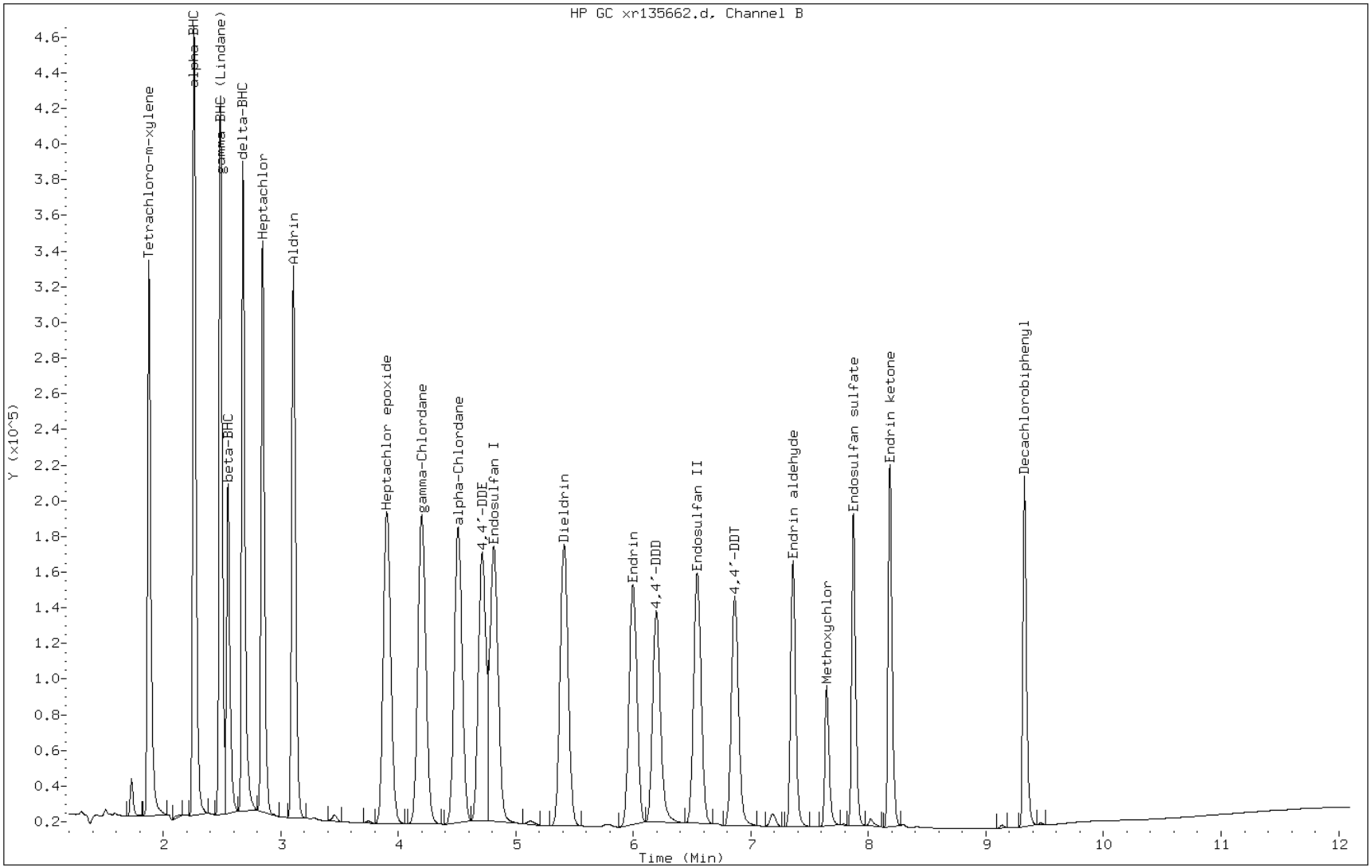
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.327	9.327	0.000	416288	100.000	110	80.00- 120.00	100.00

Data File: xr135662.d

Date: 02-JUL-2012 17:32

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118507/1 Calibration Date: 07/03/2012 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135701.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4657	4496		96.5	100	-3.5	15.0
gamma-BHC (Lindane)	Ave	4216	4101		97.3	100	-2.7	15.0
beta-BHC	Ave	2078	2037		98.1	100	-1.9	15.0
delta-BHC	Ave	4192	4130		98.5	100	-1.5	15.0
Heptachlor	Ave	2977	3565		120	100	19.8*	15.0
Aldrin	Ave	4286	4365		102	100	1.8	15.0
Heptachlor epoxide	Ave	3928	4009		102	100	2.1	15.0
gamma-Chlordane	Ave	4076	4105		101	100	0.7	15.0
alpha-Chlordane	Ave	3911	3922		100	100	0.3	15.0
Endosulfan I	Ave	3502	3572		102	100	2.0	15.0
4,4'-DDE	Ave	3412	3532		104	100	3.5	15.0
Dieldrin	Ave	3520	3612		103	100	2.6	15.0
Endrin	Ave	2835	2914		103	100	2.8	15.0
4,4'-DDD	Ave	2568	2698		105	100	5.1	15.0
Endosulfan II	Ave	2980	3038		102	100	2.0	15.0
4,4'-DDT	Ave	2299	2485		108	100	8.1	15.0
Endrin aldehyde	Ave	2475	2404		97.1	100	-2.9	15.0
Endosulfan sulfate	Ave	2680	2652		98.9	100	-1.1	15.0
Methoxychlor	Ave	997	1173		118	100	17.7*	15.0
Endrin ketone	Ave	2796	2764		98.9	100	-1.1	15.0
Tetrachloro-m-xylene	Ave	3492	3284		94.1	100	-5.9	15.0
DCB Decachlorobiphenyl	Ave	2311	2299		99.5	100	-0.5	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118507/1 Calibration Date: 07/03/2012 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135701.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.11	3.06	3.16
beta-BHC	3.20	3.15	3.25
delta-BHC	3.57	3.52	3.62
Heptachlor	3.68	3.63	3.73
Aldrin	4.46	4.41	4.51
Heptachlor epoxide	5.99	5.92	6.06
gamma-Chlordane	6.48	6.41	6.55
alpha-Chlordane	6.84	6.77	6.91
Endosulfan I	6.98	6.91	7.05
4,4'-DDE	7.17	7.10	7.24
Dieldrin	7.45	7.38	7.52
Endrin	7.82	7.75	7.89
4,4'-DDD	7.93	7.86	8.00
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.46	8.39	8.53
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
Tetrachloro-m-xylene	2.27	2.22	2.32
DCB Decachlorobiphenyl	10.31	10.21	10.41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/xf135701.d
Lab Smp Id: CCVRTSGPESTL3_00013
Inj Date : 03-JUL-2012 08:28
Operator : Inst ID: PESTGC1.i
Smp Info : CCVRT SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/09Xf8081.m
Meth Date : 03-Jul-2012 15:55 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.273	2.273	0.000	328406	100.000	94	80.00- 120.00	100.00(a)
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	449565	100.000	96	80.00- 120.00	100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.107	3.107	0.000	410086	100.000	97	80.00- 120.00	100.00(a)
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	203748	100.000	98	80.00- 120.00	100.00(a)
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	412956	100.000	98	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.677	3.677	0.000	356520	100.000	120	80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.460	4.460	0.000	436545	100.000	100	80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	400867	100.000	100	80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	410472	100.000	100	80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	392177	100.000	100	80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	357234	100.000	100	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	353178	100.000	100	80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	361167	100.000	100	80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	291364	100.000	100	80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.930	7.930	0.000	269839	100.000	100	80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	303781	100.000	100	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	248519	100.000	110	80.00- 120.00	100.00(a)
15 Endrin aldehyde					CAS #: 7421-93-4		
8.460	8.460	0.000	240409	100.000	97	80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	265175	100.000	99	80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	117310	100.000	120	80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	276411	100.000	99	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	229942	100.000	100	80.00- 120.00	100.00(a)

QC Flag Legend

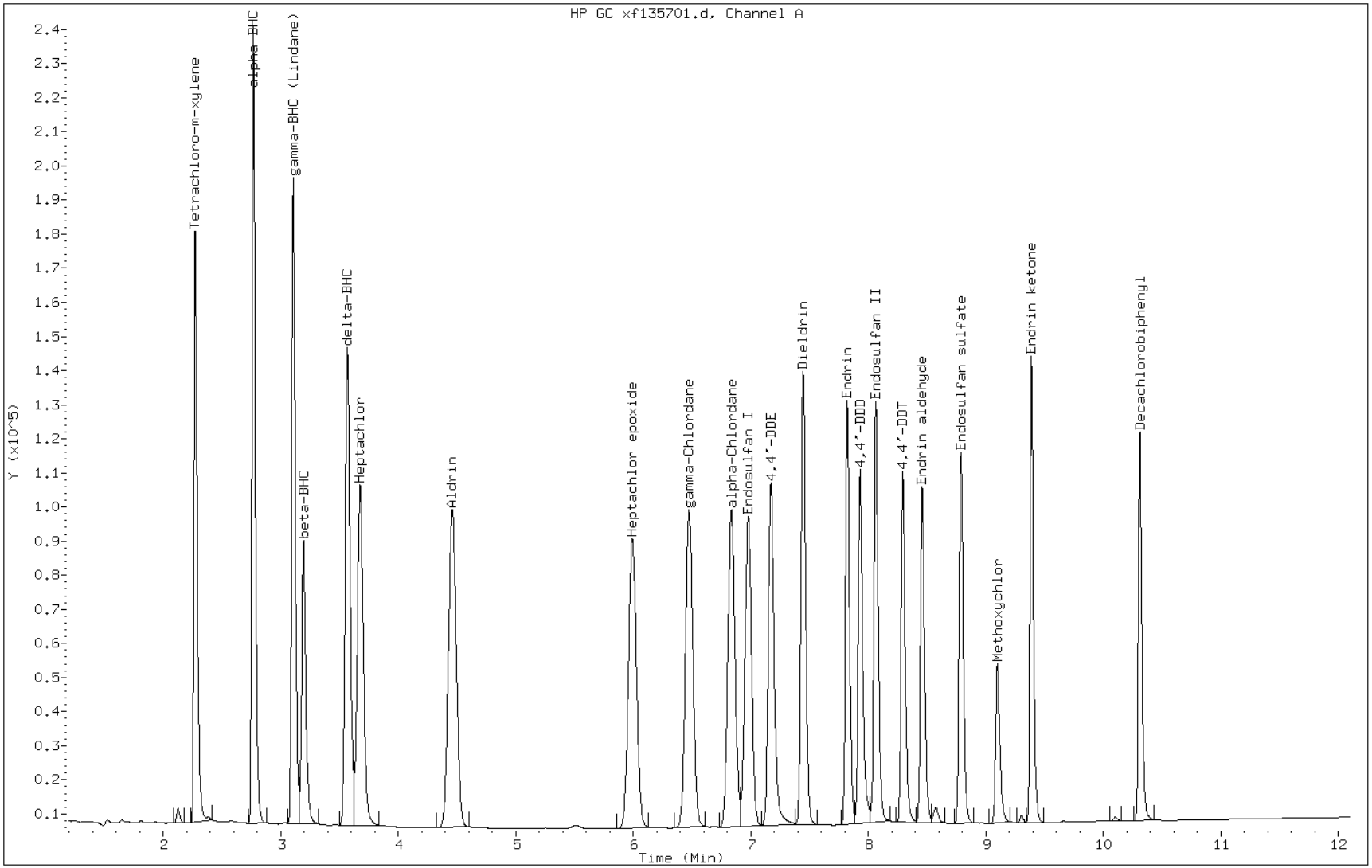
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135701.d

Date: 03-JUL-2012 08:28

Client ID: Instrument: PESTGC1.i

Sample Info: CCVRT SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118507/1 Calibration Date: 07/03/2012 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135701.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8194	7944		97.0	100	-3.0	15.0
gamma-BHC (Lindane)	Ave	7214	6910		95.8	100	-4.2	15.0
beta-BHC	Ave	3575	3559		99.5	100	-0.5	15.0
delta-BHC	Ave	7291	7141		97.9	100	-2.1	15.0
Heptachlor	Ave	6768	6667		98.5	100	-1.5	15.0
Aldrin	Ave	6678	6631		99.3	100	-0.7	15.0
Heptachlor epoxide	Ave	7189	7186		100	100	-0.0	15.0
gamma-Chlordane	Ave	7435	7339		98.7	100	-1.3	15.0
alpha-Chlordane	Ave	7048	6914		98.1	100	-1.9	15.0
4,4'-DDE	Ave	6212	5872		94.5	100	-5.5	15.0
Endosulfan I	Ave	6767	6939		103	100	2.5	15.0
Dieldrin	Ave	6632	6629		99.9	100	-0.0	15.0
Endrin	Ave	5862	5917		101	100	0.9	15.0
4,4'-DDD	Ave	4882	5145		105	100	5.4	15.0
Endosulfan II	Ave	5584	5600		100	100	0.3	15.0
4,4'-DDT	Ave	5405	5322		98.5	100	-1.5	15.0
Endrin aldehyde	Ave	3901	3813		97.7	100	-2.3	15.0
Methoxychlor	Ave	2100	2097		99.9	100	-0.1	15.0
Endosulfan sulfate	Ave	3830	3735		97.5	100	-2.5	15.0
Endrin ketone	Ave	4377	4248		97.0	100	-3.0	15.0
Tetrachloro-m-xylene	Ave	6069	5820		95.9	100	-4.1	15.0
DCB Decachlorobiphenyl	Ave	3784	3786		100	100	0.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118507/1 Calibration Date: 07/03/2012 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135701.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.26	2.21	2.31
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.55	2.50	2.60
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.90	3.83	3.97
gamma-Chlordane	4.20	4.13	4.27
alpha-Chlordane	4.51	4.44	4.58
4,4'-DDE	4.71	4.64	4.78
Endosulfan I	4.81	4.74	4.88
Dieldrin	5.41	5.34	5.48
Endrin	6.00	5.93	6.07
4,4'-DDD	6.19	6.12	6.26
Endosulfan II	6.54	6.47	6.61
4,4'-DDT	6.86	6.79	6.93
Endrin aldehyde	7.36	7.29	7.43
Methoxychlor	7.64	7.57	7.71
Endosulfan sulfate	7.87	7.80	7.94
Endrin ketone	8.18	8.11	8.25
Tetrachloro-m-xylene	1.88	1.83	1.93
DCB Decachlorobiphenyl	9.33	9.23	9.43

Data File: xr135701.d
Report Date: 03-Jul-2012 15:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/xr135701.d
Lab Smp Id: CCVRTSGPESTL3_00013
Inj Date : 03-JUL-2012 08:28
Operator : Inst ID: PESTGC1.i
Smp Info : CCVRT SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 15:58 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.880	1.880	0.000	581956	100.000	96	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.263	2.263	0.000	794446	100.000	97	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.487	2.487	0.000	691036	100.000	96	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.553	2.553	0.000	355906	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.680	2.680	0.000	714069	100.000	98	80.00- 120.00		100.00

Data File: xr135701.d
Report Date: 03-Jul-2012 15:58

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
2.847	2.847	0.000	666699	100.000	98	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
3.110	3.110	0.000	663099	100.000	99	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
3.903	3.903	0.000	718635	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
4.200	4.200	0.000	733919	100.000	99	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
4.510	4.510	0.000	691373	100.000	98	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
4.713	4.713	0.000	587234	100.000	94	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
4.813	4.813	0.000	693873	100.000	100	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
5.410	5.410	0.000	662862	100.000	100	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
5.997	5.997	0.000	591716	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.193	6.193	0.000	514481	100.000	100	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.543	6.543	0.000	559991	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.860	6.860	0.000	532162	100.000	98	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.357	7.357	0.000	381327	100.000	98	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.643	7.643	0.000	209725	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.870	7.870	0.000	373495	100.000	98	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.180	8.180	0.000	424751	100.000	97	80.00- 120.00	100.00

Data File: xr135701.d
Report Date: 03-Jul-2012 15:58

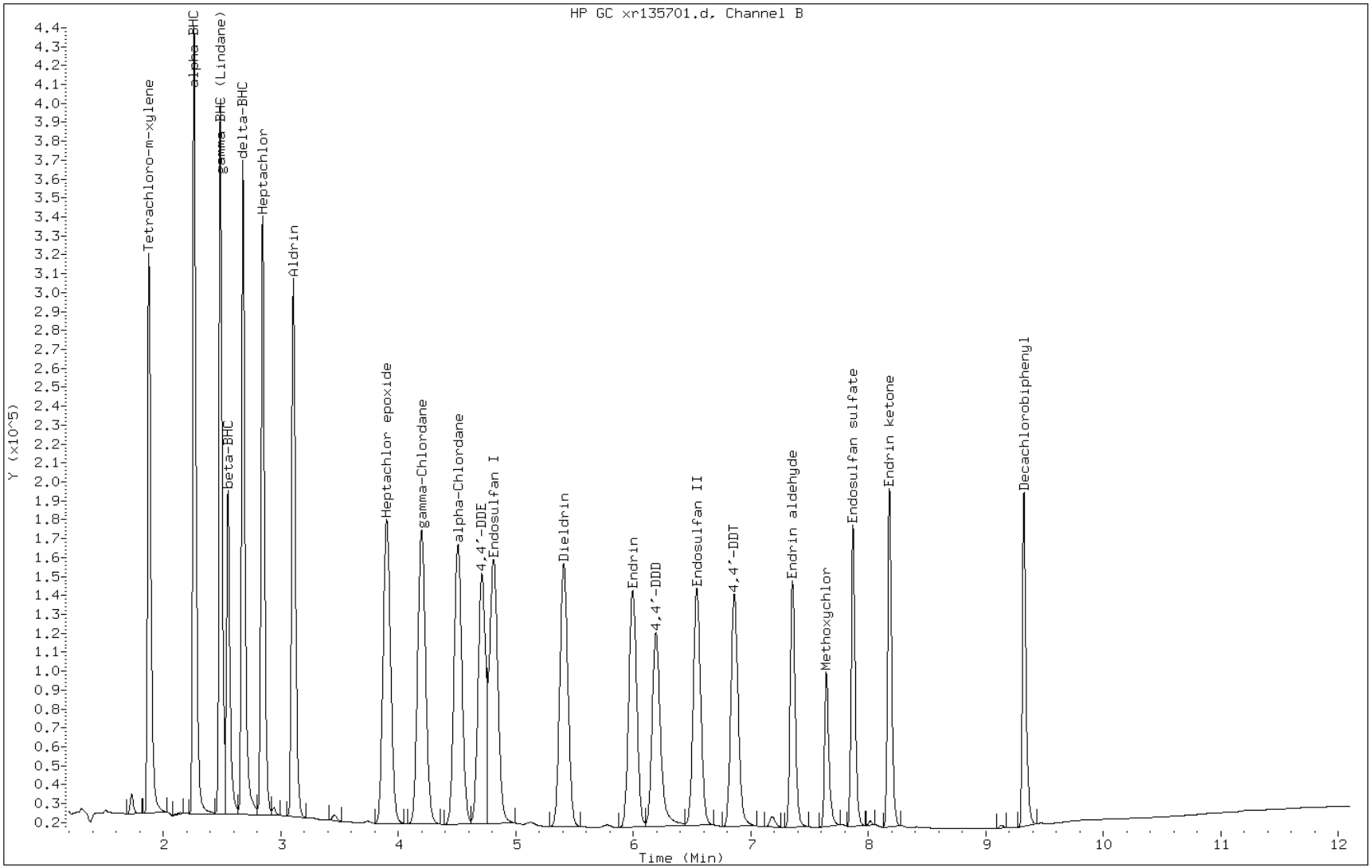
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.327	9.327	0.000	378645	100.000	100	80.00- 120.00	100.00

Data File: xr135701.d

Date: 03-JUL-2012 08:28

Client ID: Instrument: PESTGC1.i

Sample Info: CCVRT SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118507/23 Calibration Date: 07/03/2012 13:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135723.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4657	4613		99.1	100	-0.9	15.0
gamma-BHC (Lindane)	Ave	4216	4235		100	100	0.5	15.0
beta-BHC	Ave	2078	2093		101	100	0.7	15.0
delta-BHC	Ave	4192	4297		103	100	2.5	15.0
Heptachlor	Ave	2977	3932		132	100	32.1*	15.0
Aldrin	Ave	4286	4473		104	100	4.4	15.0
Heptachlor epoxide	Ave	3928	4128		105	100	5.1	15.0
gamma-Chlordane	Ave	4076	4252		104	100	4.3	15.0
alpha-Chlordane	Ave	3911	4049		104	100	3.5	15.0
Endosulfan I	Ave	3502	3670		105	100	4.8	15.0
4,4'-DDE	Ave	3412	3636		107	100	6.6	15.0
Dieldrin	Ave	3520	3688		105	100	4.8	15.0
Endrin	Ave	2835	2888		102	100	1.9	15.0
4,4'-DDD	Ave	2568	2864		112	100	11.5	15.0
Endosulfan II	Ave	2980	3115		105	100	4.5	15.0
4,4'-DDT	Ave	2299	2529		110	100	10.0	15.0
Endrin aldehyde	Ave	2475	2427		98.1	100	-1.9	15.0
Endosulfan sulfate	Ave	2680	2621		97.8	100	-2.2	15.0
Methoxychlor	Ave	997	1180		118	100	18.4*	15.0
Endrin ketone	Ave	2796	2867		103	100	2.6	15.0
Tetrachloro-m-xylene	Ave	3492	3269		93.6	100	-6.4	15.0
DCB Decachlorobiphenyl	Ave	2311	2218		96.0	100	-4.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118507/23 Calibration Date: 07/03/2012 13:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xf135723.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.11	3.06	3.16
beta-BHC	3.20	3.15	3.25
delta-BHC	3.57	3.52	3.62
Heptachlor	3.68	3.63	3.73
Aldrin	4.46	4.41	4.51
Heptachlor epoxide	5.99	5.92	6.06
gamma-Chlordane	6.48	6.41	6.55
alpha-Chlordane	6.84	6.77	6.91
Endosulfan I	6.98	6.91	7.05
4,4'-DDE	7.17	7.10	7.24
Dieldrin	7.45	7.38	7.52
Endrin	7.82	7.75	7.89
4,4'-DDD	7.93	7.86	8.00
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.46	8.39	8.53
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
Tetrachloro-m-xylene	2.28	2.22	2.32
DCB Decachlorobiphenyl	10.31	10.21	10.41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/xf135723.d
Lab Smp Id: CCV SGPESTL3_00013
Inj Date : 03-JUL-2012 13:31
Operator : Inst ID: PESTGC1.i
Smp Info : CCV SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/09Xf8081.m
Meth Date : 03-Jul-2012 15:55 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.277	2.273	0.004	326895	93.6219		80.00- 120.00	100.00(aR)
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	461278	99.0575		80.00- 120.00	100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.107	0.003	423466	100.452		80.00- 120.00	100.00(a)
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	209264	100.709		80.00- 120.00	100.00(a)
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	429678	102.502		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.680	3.677	0.003	393166	132.085		80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.463	4.460	0.003	447307	104.356		80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	412788	105.086		80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	425154	104.297		80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	404908	103.535		80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	366953	104.776		80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	363625	106.566		80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	368846	104.784		80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	288786	101.860		80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.930	7.930	0.000	286361	111.528		80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	311492	104.538		80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	252886	109.988		80.00- 120.00	100.00(a)
15 Endrin aldehyde					CAS #: 7421-93-4		
8.460	8.460	0.000	242736	98.0700		80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	262128	97.7959		80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	117990	118.366		80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	286740	102.566		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	221779	95.9856		80.00- 120.00	100.00(aR)

QC Flag Legend

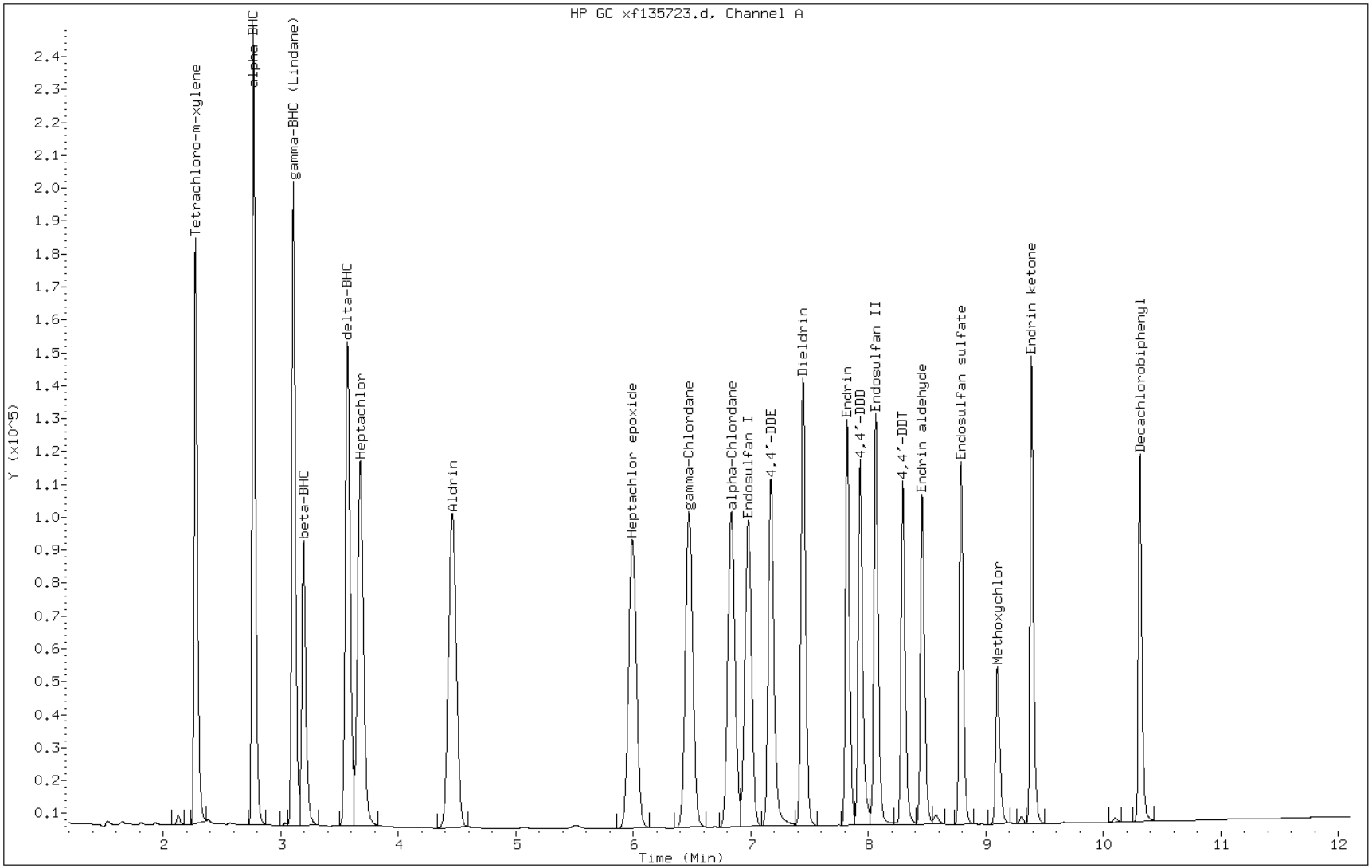
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf135723.d

Date: 03-JUL-2012 13:31

Client ID: Instrument: PESTGC1.i

Sample Info: CCV SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118507/23 Calibration Date: 07/03/2012 13:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135723.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8194	8319		102	100	1.5	15.0
gamma-BHC (Lindane)	Ave	7214	7406		103	100	2.7	15.0
beta-BHC	Ave	3575	3694		103	100	3.3	15.0
delta-BHC	Ave	7291	7691		105	100	5.5	15.0
Heptachlor	Ave	6768	6980		103	100	3.1	15.0
Aldrin	Ave	6678	7110		106	100	6.5	15.0
Heptachlor epoxide	Ave	7189	7616		106	100	6.0	15.0
gamma-Chlordane	Ave	7435	7929		107	100	6.6	15.0
alpha-Chlordane	Ave	7048	7542		107	100	7.0	15.0
4,4'-DDE	Ave	6212	6697		108	100	7.8	15.0
Endosulfan I	Ave	6767	7415		110	100	9.6	15.0
Dieldrin	Ave	6632	7355		111	100	10.9	15.0
Endrin	Ave	5862	6329		108	100	8.0	15.0
4,4'-DDD	Ave	4882	5986		123	100	22.6*	15.0
Endosulfan II	Ave	5584	6159		110	100	10.3	15.0
4,4'-DDT	Ave	5405	5663		105	100	4.8	15.0
Endrin aldehyde	Ave	3901	4263		109	100	9.3	15.0
Methoxychlor	Ave	2100	2195		105	100	4.6	15.0
Endosulfan sulfate	Ave	3830	4088		107	100	6.7	15.0
Endrin ketone	Ave	4377	4668		107	100	6.7	15.0
Tetrachloro-m-xylene	Ave	6069	6047		99.6	100	-0.4	15.0
DCB Decachlorobiphenyl	Ave	3784	3702		97.9	100	-2.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118507/23 Calibration Date: 07/03/2012 13:31

Instrument ID: PESTGC1 Calib Start Date: 06/29/2012 06:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/29/2012 06:59

Lab File ID: xr135723.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.27	2.21	2.31
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.55	2.50	2.60
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.90	3.83	3.97
gamma-Chlordane	4.20	4.13	4.27
alpha-Chlordane	4.51	4.44	4.58
4,4'-DDE	4.71	4.64	4.78
Endosulfan I	4.81	4.74	4.88
Dieldrin	5.41	5.34	5.48
Endrin	6.00	5.93	6.07
4,4'-DDD	6.19	6.12	6.26
Endosulfan II	6.54	6.47	6.61
4,4'-DDT	6.86	6.79	6.93
Endrin aldehyde	7.36	7.29	7.43
Methoxychlor	7.64	7.57	7.71
Endosulfan sulfate	7.87	7.80	7.94
Endrin ketone	8.18	8.11	8.25
Tetrachloro-m-xylene	1.88	1.83	1.93
DCB Decachlorobiphenyl	9.33	9.23	9.43

Data File: xr135723.d
Report Date: 03-Jul-2012 15:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/xr135723.d
Lab Smp Id: CCV SGPESTL3_00013
Inj Date : 03-JUL-2012 13:31
Operator : Inst ID: PESTGC1.i
Smp Info : CCV SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 15:58 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.883	1.880	0.003	604741	99.6381	66	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.263	0.004	831851	101.515	68	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.487	0.003	740559	102.657	68	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.553	0.000	369350	103.309	69	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.680	0.000	769062	105.486	70	80.00- 120.00	100.00

Data File: xr135723.d
Report Date: 03-Jul-2012 15:59

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.847	2.847	0.000	698046	103.137	69	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.110	3.110	0.000	711014	106.468	71	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.903	3.903	0.000	761632	105.951	71	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.200	4.200	0.000	792886	106.644	71	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.510	4.510	0.000	754206	107.009	71	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.713	4.713	0.000	669672	107.808	72	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.813	4.813	0.000	741539	109.575	73	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.410	5.410	0.000	735549	110.903	74	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
5.997	5.997	0.000	632904	107.959	72	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.193	6.193	0.000	598573	122.600	82	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.543	6.543	0.000	615913	110.303	74	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.860	6.860	0.000	566293	104.775	70	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.357	7.357	0.000	426334	109.277	73	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.643	7.643	0.000	219539	104.562	70	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.870	7.870	0.000	408762	106.720	71	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.180	8.180	0.000	466806	106.655	71	80.00- 120.00	100.00

Data File: xr135723.d
Report Date: 03-Jul-2012 15:59

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.327	9.327	0.000	370244	97.8557	65	80.00- 120.00	100.00(R)

QC Flag Legend

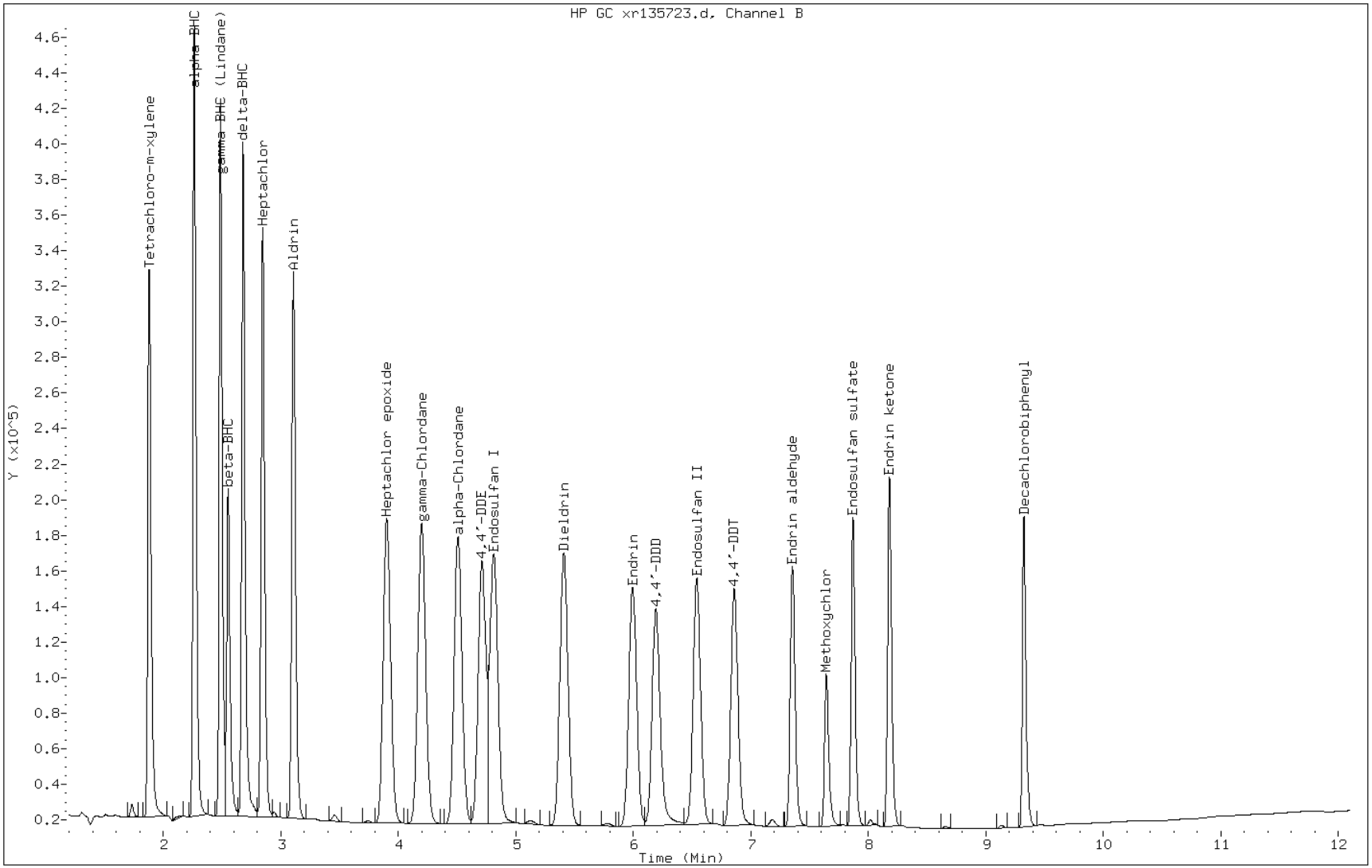
R - Spike/Surrogate failed recovery limits.

Data File: xr135723.d

Date: 03-JUL-2012 13:31

Client ID: Instrument: PESTGC1.i

Sample Info: CCV SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118612/2 Calibration Date: 07/02/2012 09:10

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WF703626.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3109	3254		105	100	4.6	15.0
gamma-BHC (Lindane)	Ave	2837	2981		105	100	5.1	15.0
beta-BHC	Ave	1337	1382		103	100	3.4	15.0
delta-BHC	Ave	2659	2800		105	100	5.3	15.0
Heptachlor	Ave	2617	2880		110	100	10.0	15.0
Aldrin	Ave	2726	2799		103	100	2.7	15.0
Heptachlor epoxide	Ave	2026	2071		102	100	2.2	15.0
gamma-Chlordane	Ave	2076	2143		103	100	3.2	15.0
alpha-Chlordane	Ave	1964	2018		103	100	2.8	15.0
Endosulfan I	Ave	1912	1970		103	100	3.0	15.0
4,4'-DDE	Ave	1963	2094		107	100	6.7	15.0
Dieldrin	Ave	2040	2124		104	100	4.1	15.0
Endrin	Ave	1759	1806		103	100	2.7	15.0
4,4'-DDD	Ave	1479	1587		107	100	7.3	15.0
Endosulfan II	Ave	1915	1974		103	100	3.1	15.0
4,4'-DDT	Ave	1529	1666		109	100	8.9	15.0
Endrin aldehyde	Ave	1387	1441		104	100	3.9	15.0
Endosulfan sulfate	Ave	1460	1479		101	100	1.3	15.0
Methoxychlor	Ave	567.3	637.9		112	100	12.4	15.0
Endrin ketone	Ave	1658	1695		102	100	2.3	15.0
Tetrachloro-m-xylene	Ave	2322	2326		100	100	0.1	15.0
DCB Decachlorobiphenyl	Ave	1765	1786		101	100	1.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118612/2 Calibration Date: 07/02/2012 09:10

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WF703626.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.60	3.52	3.62
gamma-BHC (Lindane)	4.31	4.23	4.33
beta-BHC	4.46	4.38	4.48
delta-BHC	5.05	4.97	5.07
Heptachlor	5.21	5.13	5.23
Aldrin	5.90	5.82	5.92
Heptachlor epoxide	6.68	6.60	6.74
gamma-Chlordane	6.88	6.80	6.94
alpha-Chlordane	7.03	6.95	7.09
Endosulfan I	7.10	7.02	7.16
4,4'-DDE	7.19	7.11	7.25
Dieldrin	7.40	7.31	7.45
Endrin	7.74	7.66	7.80
4,4'-DDD	7.83	7.75	7.89
Endosulfan II	7.97	7.89	8.03
4,4'-DDT	8.19	8.11	8.25
Endrin aldehyde	8.33	8.25	8.39
Endosulfan sulfate	8.56	8.48	8.62
Methoxychlor	8.74	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.45	2.38	2.48
DCB Decachlorobiphenyl	9.94	9.83	10.03

Data File: WF703626.D
Report Date: 03-Jul-2012 08:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703626.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 09:10
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:31 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.450	2.450	0.000	232554	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
3.600	3.600	0.000	325376	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.310	4.310	0.000	298143	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
4.460	4.460	0.000	138218	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
5.047	5.047	0.000	280032	100.000	100	80.00- 120.00		100.00

Data File: WF703626.D
Report Date: 03-Jul-2012 08:31

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.207	5.207	0.000	287954	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.900	5.900	0.000	279862	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.683	6.683	0.000	207126	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.880	6.880	0.000	214312	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.033	7.033	0.000	201772	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.100	7.100	0.000	196968	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.190	7.190	0.000	209449	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.397	7.397	0.000	212401	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.740	7.740	0.000	180603	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.830	7.830	0.000	158687	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.973	7.973	0.000	197437	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.187	8.187	0.000	166625	100.000	110	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.327	8.327	0.000	144084	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.557	8.557	0.000	147935	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.740	8.740	0.000	63794	100.000	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.943	8.943	0.000	169534	100.000	100	80.00- 120.00	100.00

Data File: WF703626.D
Report Date: 03-Jul-2012 08:31

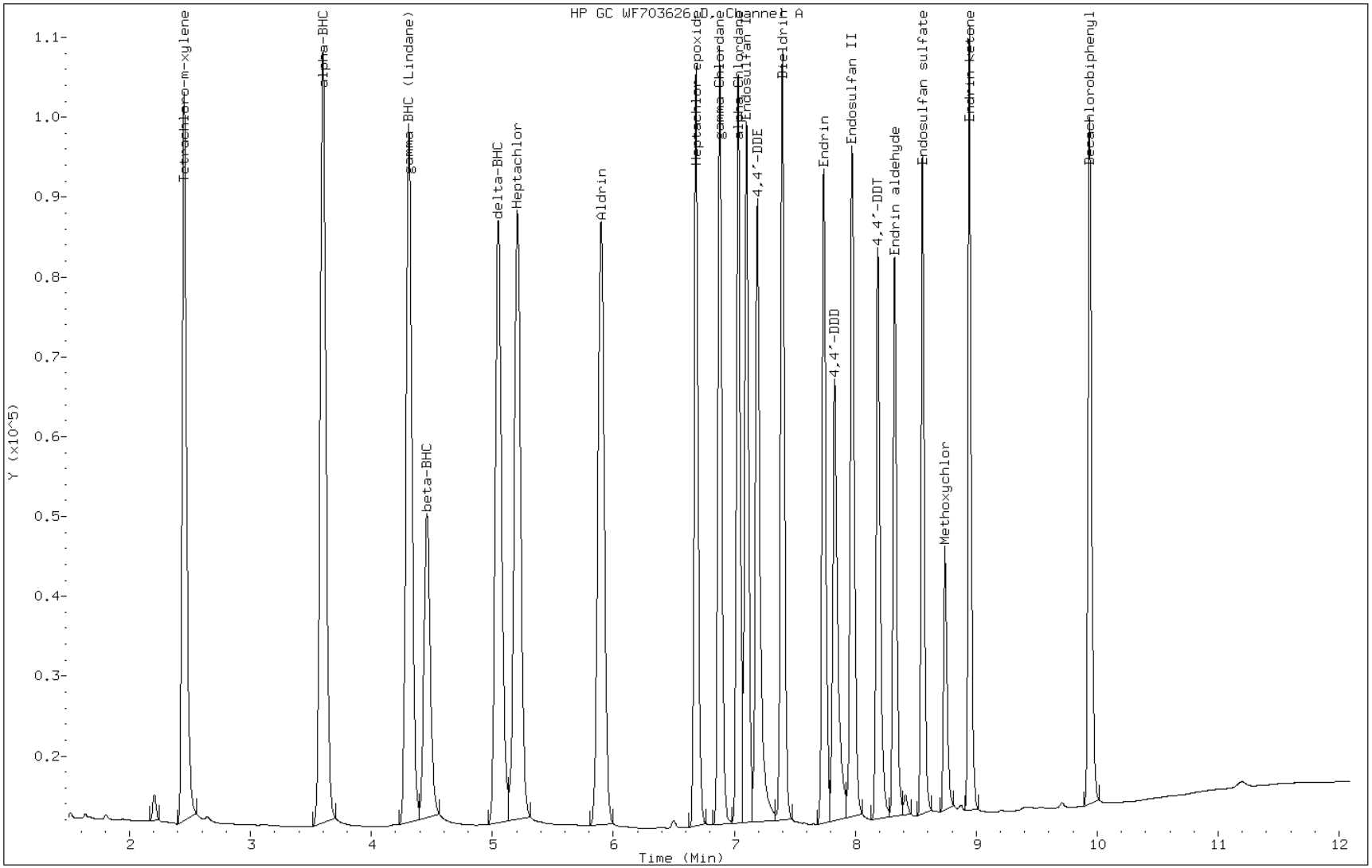
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.937	9.937	0.000	178633	100.000	100	80.00- 120.00	100.00

Data File: WF703626.D

Date: 02-JUL-2012 09:10

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118612/2 Calibration Date: 07/02/2012 09:10

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WR703626.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	2829	2999		106	100	6.0	15.0
gamma-BHC (Lindane)	Ave	2702	2862		106	100	5.9	15.0
beta-BHC	Ave	1211	1270		105	100	4.9	15.0
delta-BHC	Ave	2321	2393		103	100	3.1	15.0
Heptachlor	Ave	2108	2178		103	100	3.3	15.0
Aldrin	Ave	2683	2793		104	100	4.1	15.0
Heptachlor epoxide	Ave	2409	2483		103	100	3.1	15.0
gamma-Chlordane	Ave	2516	2585		103	100	2.8	15.0
alpha-Chlordane	Ave	2351	2396		102	100	1.9	15.0
4,4'-DDE	Ave	1644	1658		101	100	0.8	15.0
Endosulfan I	Ave	2192	2311		105	100	5.4	15.0
Dieldrin	Ave	2059	2118		103	100	2.8	15.0
Endrin	Ave	1746	1750		100	100	0.3	15.0
4,4'-DDD	Ave	1342	1469		109	100	9.5	15.0
Endosulfan II	Ave	1999	2092		105	100	4.7	15.0
4,4'-DDT	Ave	1486	1585		107	100	6.7	15.0
Endrin aldehyde	Ave	1600	1677		105	100	4.8	15.0
Methoxychlor	Ave	630.7	697.8		111	100	10.6	15.0
Endosulfan sulfate	Ave	1725	1806		105	100	4.7	15.0
Endrin ketone	Ave	1795	1915		107	100	6.7	15.0
Tetrachloro-m-xylene	Ave	2043	2079		102	100	1.7	15.0
DCB Decachlorobiphenyl	Ave	1574	1604		102	100	1.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118612/2 Calibration Date: 07/02/2012 09:10

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WR703626.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.58	2.54	2.64
gamma-BHC (Lindane)	3.13	3.08	3.18
beta-BHC	3.28	3.24	3.34
delta-BHC	3.61	3.56	3.66
Heptachlor	4.01	3.96	4.06
Aldrin	4.57	4.52	4.62
Heptachlor epoxide	5.73	5.65	5.79
gamma-Chlordane	5.98	5.90	6.04
alpha-Chlordane	6.19	6.11	6.25
4,4'-DDE	6.29	6.21	6.35
Endosulfan I	6.37	6.29	6.43
Dieldrin	6.63	6.56	6.70
Endrin	6.86	6.79	6.93
4,4'-DDD	6.92	6.84	6.98
Endosulfan II	7.09	7.01	7.15
4,4'-DDT	7.20	7.13	7.27
Endrin aldehyde	7.51	7.44	7.58
Methoxychlor	7.71	7.63	7.77
Endosulfan sulfate	7.98	7.90	8.04
Endrin ketone	8.28	8.20	8.34
Tetrachloro-m-xylene	1.99	1.94	2.04
DCB Decachlorobiphenyl	9.01	8.91	9.11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703626.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 09:10
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.987	1.990	-0.003	207892	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.583	2.587	-0.004	299875	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.127	3.127	0.000	286213	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.283	3.287	-0.004	127026	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.613	3.613	0.000	239252	100.000	100	80.00- 120.00		100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
4.010	4.007	0.003	217779	100.000	100	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
4.570	4.567	0.003	279255	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
5.730	5.723	0.007	248269	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
5.980	5.973	0.007	258514	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
6.190	6.183	0.007	239597	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
6.287	6.283	0.004	165751	100.000	100	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
6.370	6.363	0.007	231062	100.000	100	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
6.633	6.627	0.006	211756	100.000	100	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.863	6.860	0.003	175039	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.920	6.913	0.007	146905	100.000	110	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
7.087	7.080	0.007	209216	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
7.203	7.197	0.006	158509	100.000	110	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.513	7.510	0.003	167689	100.000	100	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.710	7.703	0.007	69782	100.000	110	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.980	7.973	0.007	180626	100.000	100	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.277	8.270	0.007	191503	100.000	110	80.00- 120.00	100.00

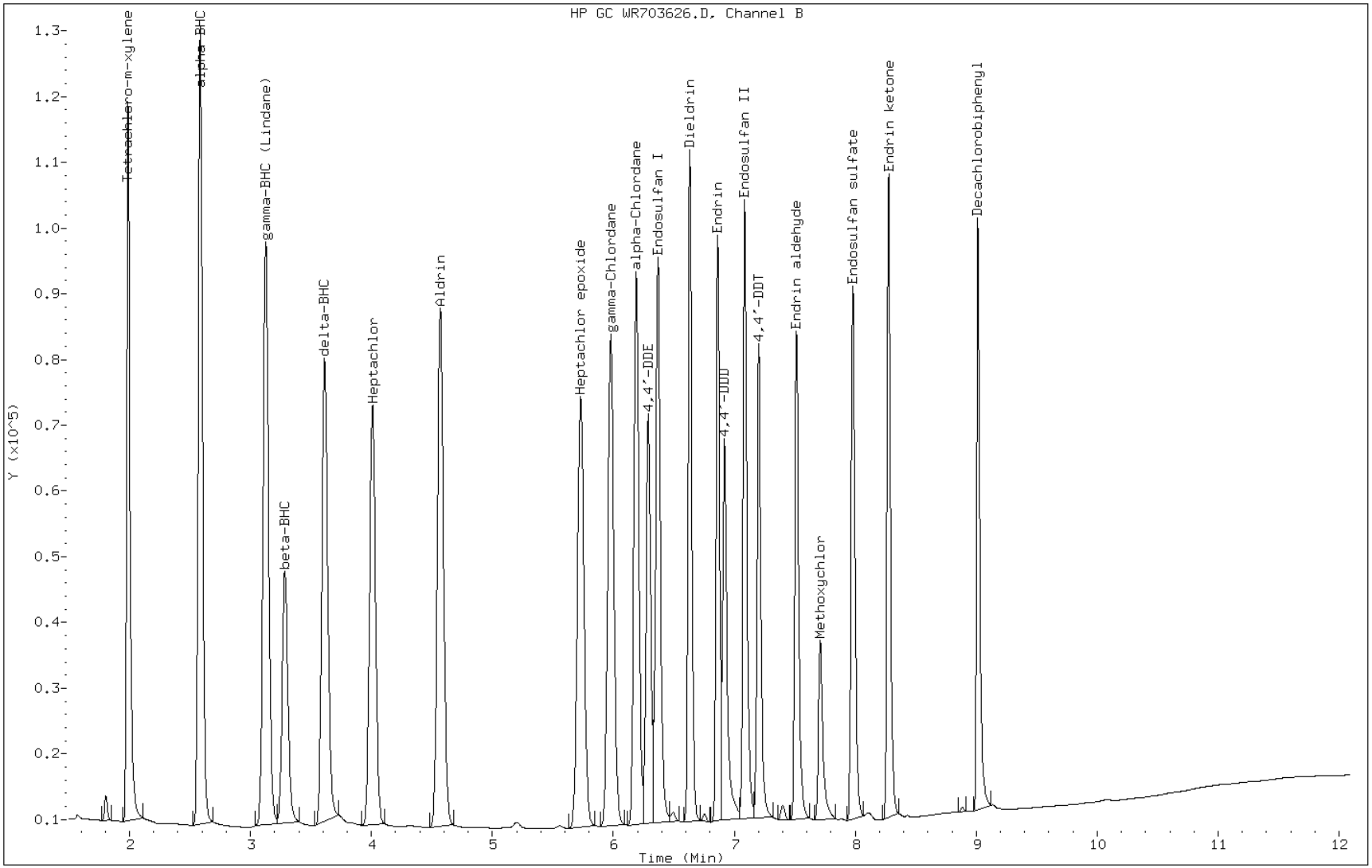
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.013	9.013	0.000	160391	100.000	100	80.00- 120.00	100.00

Data File: WR703626.D

Date: 02-JUL-2012 09:10

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118612/28 Calibration Date: 07/02/2012 15:11

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WF703652.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3109	3417		110	100	9.9	15.0
gamma-BHC (Lindane)	Ave	2837	3120		110	100	10.0	15.0
beta-BHC	Ave	1337	1466		110	100	9.6	15.0
delta-BHC	Ave	2659	2946		111	100	10.8	15.0
Heptachlor	Ave	2617	2985		114	100	14.1	15.0
Aldrin	Ave	2726	2972		109	100	9.0	15.0
Heptachlor epoxide	Ave	2026	2195		108	100	8.3	15.0
gamma-Chlordane	Ave	2076	2232		108	100	7.5	15.0
alpha-Chlordane	Ave	1964	2120		108	100	8.0	15.0
Endosulfan I	Ave	1912	2098		110	100	9.7	15.0
4,4'-DDE	Ave	1963	2119		108	100	8.0	15.0
Dieldrin	Ave	2040	2215		109	100	8.6	15.0
Endrin	Ave	1759	1904		108	100	8.2	15.0
4,4'-DDD	Ave	1479	1689		114	100	14.2	15.0
Endosulfan II	Ave	1915	2065		108	100	7.8	15.0
4,4'-DDT	Ave	1529	1703		111	100	11.4	15.0
Endrin aldehyde	Ave	1387	1457		105	100	5.1	15.0
Endosulfan sulfate	Ave	1460	1543		106	100	5.7	15.0
Methoxychlor	Ave	567.3	710.5		125	100	25.2*	15.0
Endrin ketone	Ave	1658	1775		107	100	7.1	15.0
Tetrachloro-m-xylene	Ave	2322	2397		103	100	3.2	15.0
DCB Decachlorobiphenyl	Ave	1765	1819		103	100	3.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118612/28 Calibration Date: 07/02/2012 15:11

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WF703652.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.57	3.52	3.62
gamma-BHC (Lindane)	4.28	4.23	4.33
beta-BHC	4.43	4.38	4.48
delta-BHC	5.02	4.97	5.07
Heptachlor	5.18	5.13	5.23
Aldrin	5.87	5.82	5.92
Heptachlor epoxide	6.67	6.60	6.74
gamma-Chlordane	6.87	6.80	6.94
alpha-Chlordane	7.02	6.95	7.09
Endosulfan I	7.09	7.02	7.16
4,4'-DDE	7.18	7.11	7.25
Dieldrin	7.38	7.31	7.45
Endrin	7.73	7.66	7.80
4,4'-DDD	7.82	7.75	7.89
Endosulfan II	7.96	7.89	8.03
4,4'-DDT	8.18	8.11	8.25
Endrin aldehyde	8.32	8.25	8.39
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.73	8.66	8.80
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.43	2.38	2.48
DCB Decachlorobiphenyl	9.93	9.83	10.03

Data File: WF703652.D
Report Date: 03-Jul-2012 08:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703652.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 15:11
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.433	2.433	0.000	239662	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
3.570	3.570	0.000	341711	100.000	110	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.280	4.280	0.000	311991	100.000	110	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
4.430	4.430	0.000	146624	100.000	110	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
5.020	5.020	0.000	294588	100.000	110	80.00- 120.00		100.00

Data File: WF703652.D
Report Date: 03-Jul-2012 08:35

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.177	5.177	0.000	298509	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.867	5.867	0.000	297194	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.670	6.670	0.000	219547	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.867	6.867	0.000	223219	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.020	7.020	0.000	211971	100.000	110	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.087	7.087	0.000	209752	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	211922	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.383	7.383	0.000	221510	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	190386	100.000	110	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.817	7.817	0.000	168850	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.963	7.963	0.000	206520	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.177	8.177	0.000	170310	100.000	110	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.317	8.317	0.000	145737	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	154277	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.733	8.733	0.000	71053	100.000	120	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.937	8.937	0.000	177460	100.000	110	80.00- 120.00	100.00

Data File: WF703652.D
Report Date: 03-Jul-2012 08:35

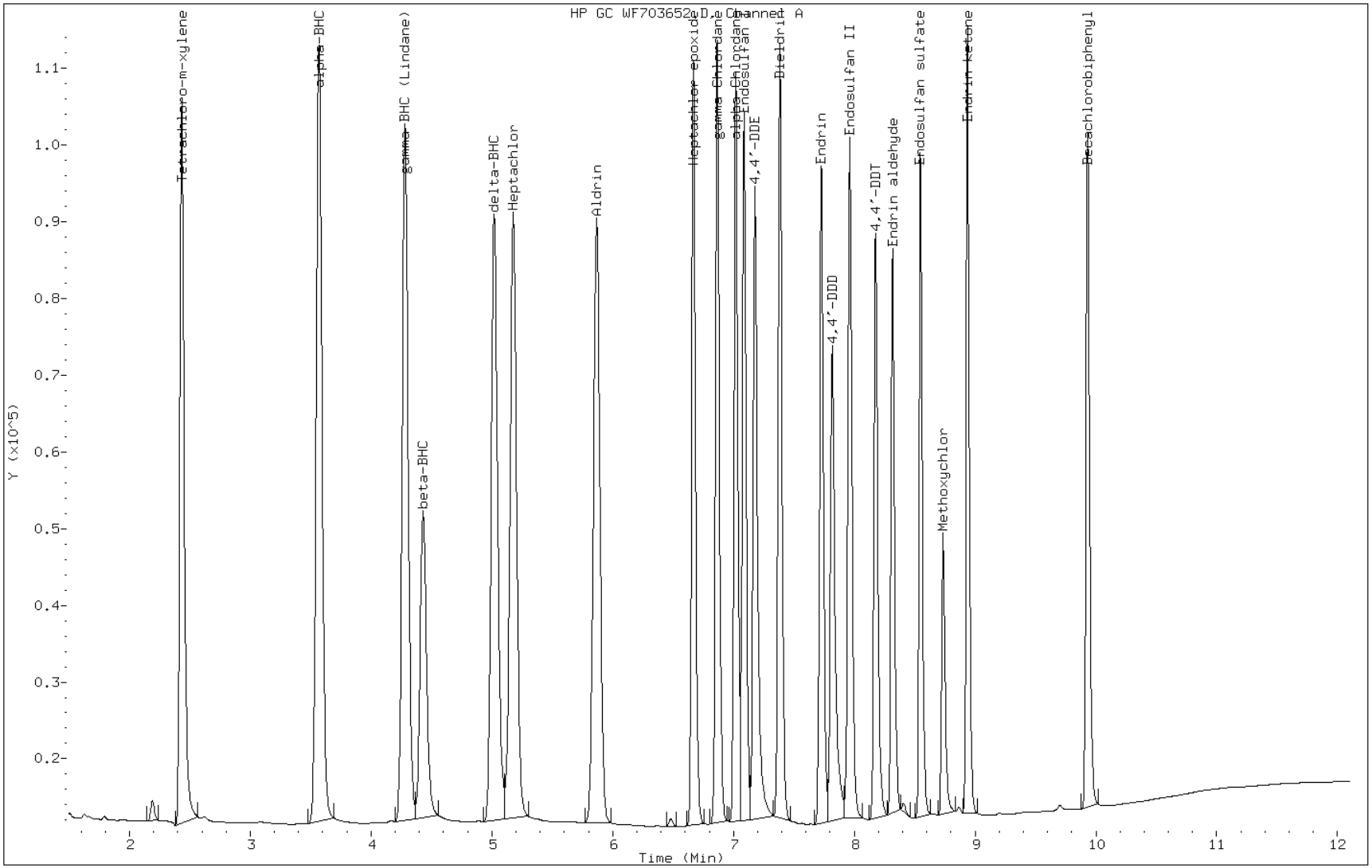
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.930	9.930	0.000	181937	100.000	100	80.00- 120.00	100.00

Data File: WF703652.D

Date: 02-JUL-2012 15:11

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118612/28 Calibration Date: 07/02/2012 15:11

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WR703652.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	2829	3271		116	100	15.6*	15.0
gamma-BHC (Lindane)	Ave	2702	3089		114	100	14.3	15.0
beta-BHC	Ave	1211	1449		120	100	19.7*	15.0
delta-BHC	Ave	2321	2989		129	100	28.8*	15.0
Heptachlor	Ave	2108	2242		106	100	6.3	15.0
Aldrin	Ave	2683	2907		108	100	8.4	15.0
Heptachlor epoxide	Ave	2409	2660		110	100	10.4	15.0
gamma-Chlordane	Ave	2516	2749		109	100	9.3	15.0
alpha-Chlordane	Ave	2351	2505		107	100	6.5	15.0
4,4'-DDE	Ave	1644	2070		126	100	25.9*	15.0
Endosulfan I	Ave	2192	2409		110	100	9.9	15.0
Dieldrin	Ave	2059	2314		112	100	12.4	15.0
Endrin	Ave	1746	1935		111	100	10.9	15.0
4,4'-DDD	Ave	1342	1736		129	100	29.4*	15.0
Endosulfan II	Ave	1999	2147		107	100	7.4	15.0
4,4'-DDT	Ave	1486	1728		116	100	16.3*	15.0
Endrin aldehyde	Ave	1600	1835		115	100	14.7	15.0
Methoxychlor	Ave	630.7	769.9		122	100	22.1*	15.0
Endosulfan sulfate	Ave	1725	1915		111	100	11.0	15.0
Endrin ketone	Ave	1795	2061		115	100	14.8	15.0
Tetrachloro-m-xylene	Ave	2043	2255		110	100	10.3	15.0
DCB Decachlorobiphenyl	Ave	1574	1750		111	100	11.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118612/28 Calibration Date: 07/02/2012 15:11

Instrument ID: PESTGC4 Calib Start Date: 07/02/2012 06:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/02/2012 06:55

Lab File ID: WR703652.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.59	2.54	2.64
gamma-BHC (Lindane)	3.13	3.08	3.18
beta-BHC	3.29	3.24	3.34
delta-BHC	3.61	3.56	3.66
Heptachlor	4.01	3.96	4.06
Aldrin	4.57	4.52	4.62
Heptachlor epoxide	5.72	5.65	5.79
gamma-Chlordane	5.97	5.90	6.04
alpha-Chlordane	6.18	6.11	6.25
4,4'-DDE	6.28	6.21	6.35
Endosulfan I	6.36	6.29	6.43
Dieldrin	6.63	6.56	6.70
Endrin	6.86	6.79	6.93
4,4'-DDD	6.91	6.84	6.98
Endosulfan II	7.08	7.01	7.15
4,4'-DDT	7.20	7.13	7.27
Endrin aldehyde	7.51	7.44	7.58
Methoxychlor	7.70	7.63	7.77
Endosulfan sulfate	7.97	7.90	8.04
Endrin ketone	8.27	8.20	8.34
Tetrachloro-m-xylene	1.99	1.94	2.04
DCB Decachlorobiphenyl	9.01	8.91	9.11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703652.D
Lab Smp Id: SGPESTL3_00013
Inj Date : 02-JUL-2012 15:11
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.990	1.990	0.000	225472	100.000	110	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.587	2.587	0.000	327115	100.000	120	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.127	3.127	0.000	308926	100.000	110	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.287	3.287	0.000	144893	100.000	120	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.613	3.613	0.000	298894	100.000	130	80.00- 120.00	100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.007	4.007	0.000	224176	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.567	4.567	0.000	290720	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.723	5.723	0.000	265960	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.973	5.973	0.000	274898	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.183	6.183	0.000	250486	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.283	6.283	0.000	206970	100.000	120	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.363	6.363	0.000	240900	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.627	6.627	0.000	231391	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.860	6.860	0.000	193516	100.000	110	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.913	6.913	0.000	173591	100.000	130	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.080	7.080	0.000	214742	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.197	7.197	0.000	172798	100.000	120	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.510	7.510	0.000	183503	100.000	110	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.703	7.703	0.000	76992	100.000	120	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.973	7.973	0.000	191455	100.000	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.270	8.270	0.000	206084	100.000	110	80.00- 120.00	100.00

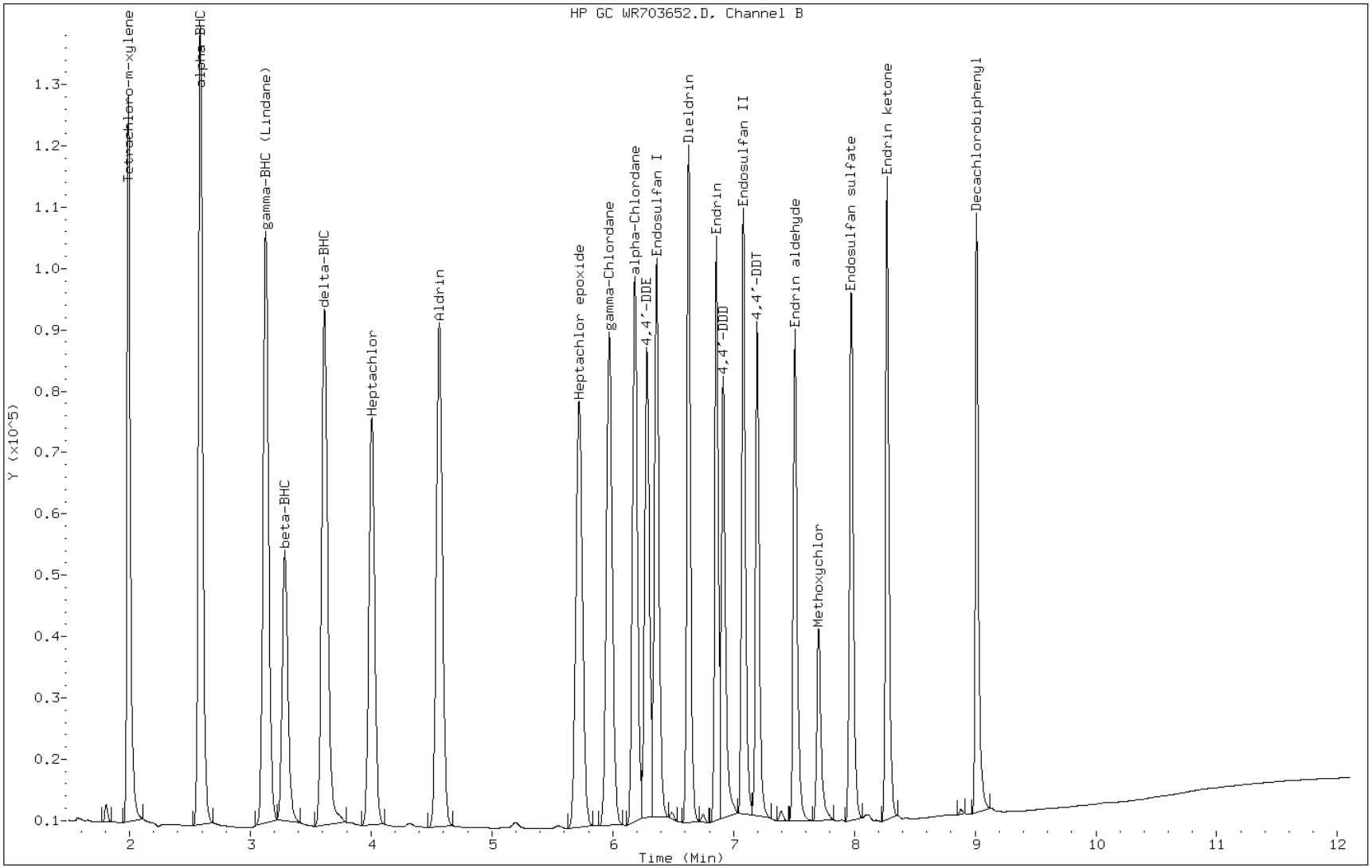
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.013	9.013	0.000	175030	100.000	110	80.00- 120.00	100.00

Data File: WR703652.D

Date: 02-JUL-2012 15:11

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00013 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118074/1-A

Matrix: Solid Lab File ID: xf135660.d

Analysis Method: 8081A Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 17:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		40-150
2051-24-3	DCB Decachlorobiphenyl	118		53-150

Data File: xf135660.d
Report Date: 09-Jul-2012 07:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135660.d
Lab Smp Id: MB 460-118074/1-
Inj Date : 02-JUL-2012 17:04
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-118074/1-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

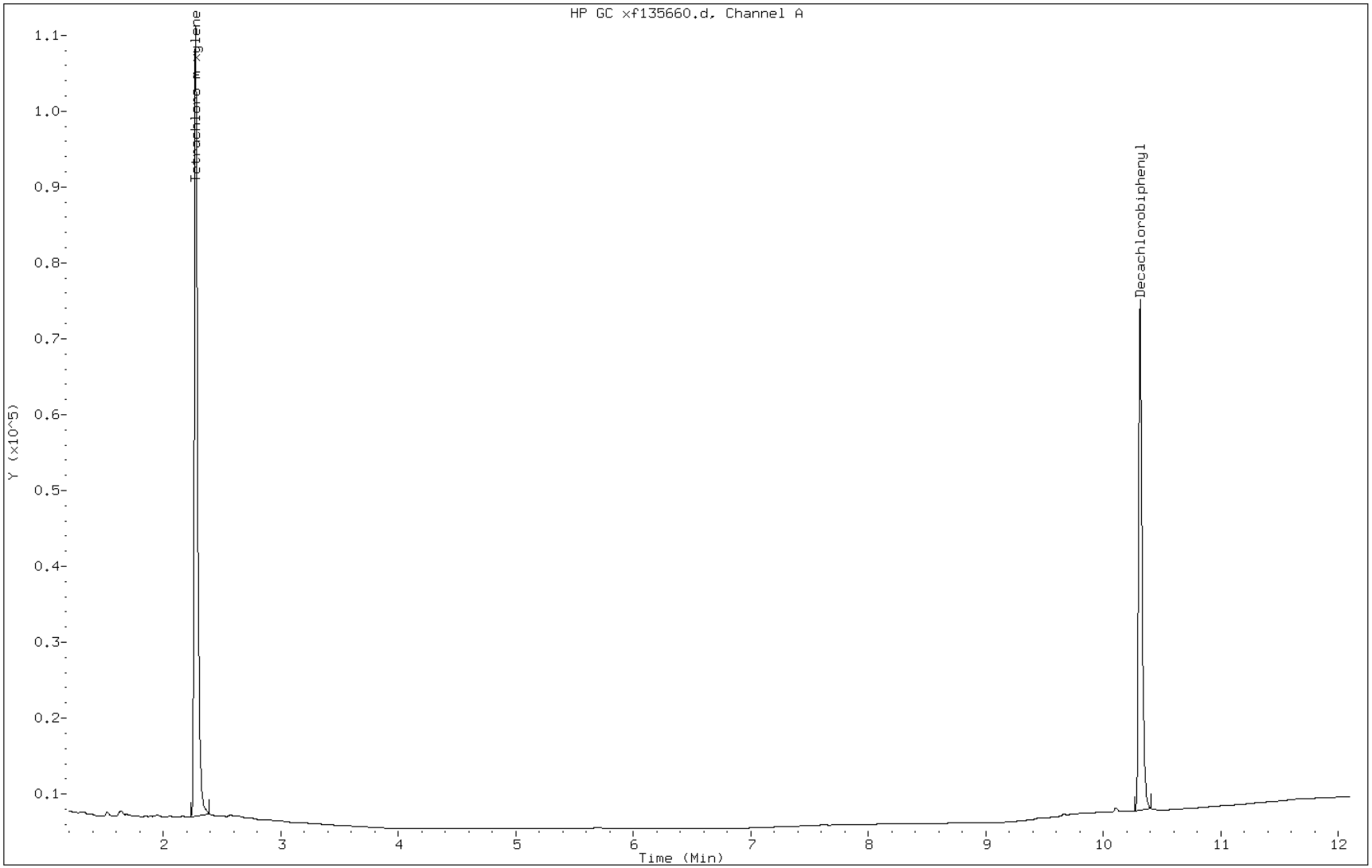
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.273	0.004	197043	56.4326	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	136310	58.9947	39	80.00- 120.00	100.00

Data File: xf135660.d

Date: 02-JUL-2012 17:04

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-118074/1- Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118074/1-A

Matrix: Solid | Lab File ID: xr135660.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 17:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.5	U	6.7	1.5
319-84-6	alpha-BHC	1.2	U	6.7	1.2
319-85-7	beta-BHC	0.91	U	6.7	0.91
319-86-8	delta-BHC	1.0	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	0.78	U	6.7	0.78
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	0.80	U	6.7	0.80
72-55-9	4,4'-DDE	1.3	U	6.7	1.3
50-29-3	4,4'-DDT	0.84	U	6.7	0.84
60-57-1	Dieldrin	1.3	U	6.7	1.3
959-98-8	Endosulfan I	1.4	U	6.7	1.4
33213-65-9	Endosulfan II	1.0	U	6.7	1.0
1031-07-8	Endosulfan sulfate	0.86	U	6.7	0.86
72-20-8	Endrin	0.94	U	6.7	0.94
7421-93-4	Endrin aldehyde	1.7	U	6.7	1.7
53494-70-5	Endrin ketone	0.99	U	6.7	0.99
76-44-8	Heptachlor	0.96	U	6.7	0.96
1024-57-3	Heptachlor epoxide	1.4	U	6.7	1.4
72-43-5	Methoxychlor	0.75	U	6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		40-150
2051-24-3	DCB Decachlorobiphenyl	129		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135660.d
Lab Smp Id: MB 460-118074/1-
Inj Date : 02-JUL-2012 17:04
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-118074/1-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

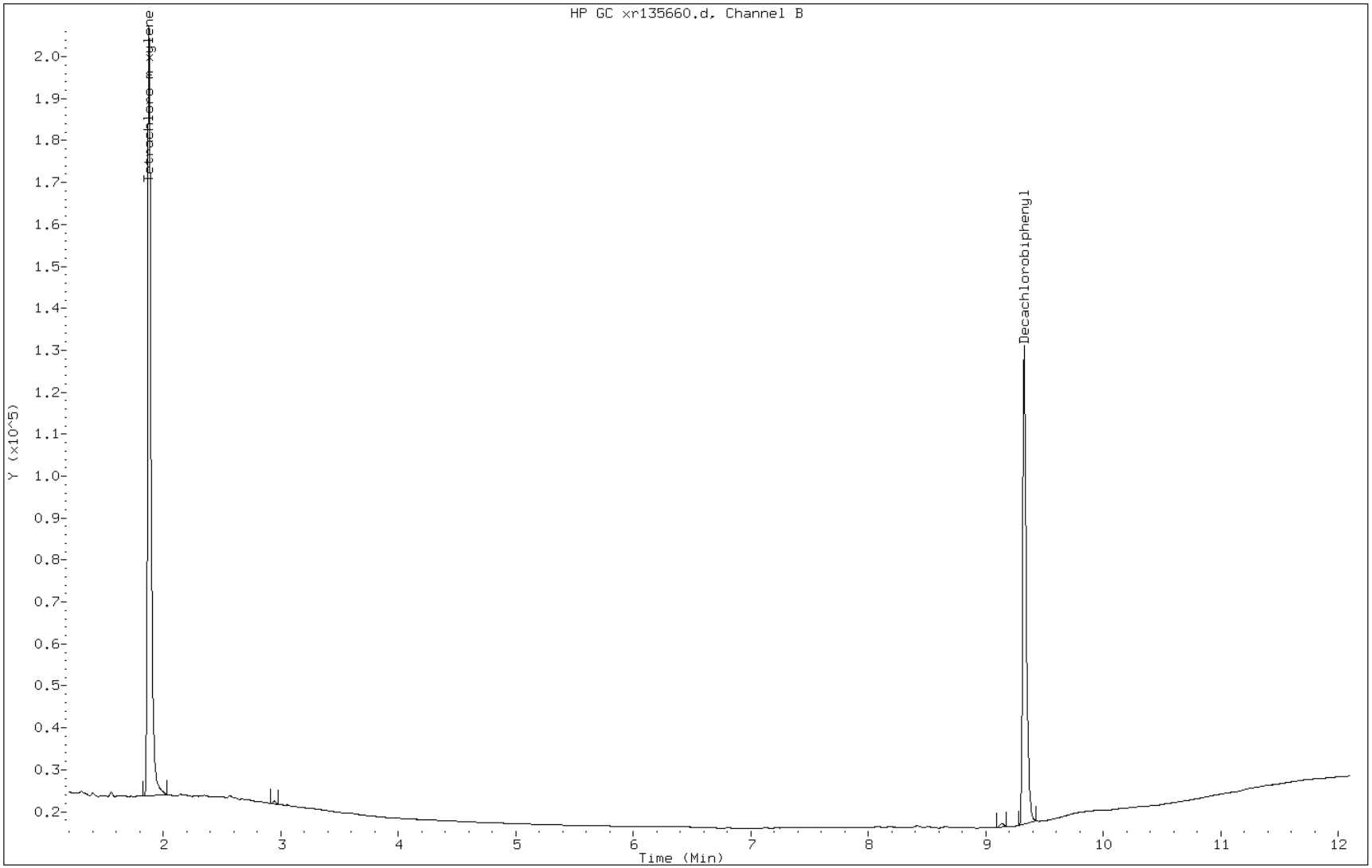
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	357457	58.8952	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	243599	64.3833	43	80.00- 120.00	100.00

Data File: xr135660.d

Date: 02-JUL-2012 17:04

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-118074/1- Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118077/1-A

Matrix: Solid Lab File ID: WF703650.D

Analysis Method: 8081A Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 14:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		40-150
2051-24-3	DCB Decachlorobiphenyl	117		53-150

Data File: WF703650.D
Report Date: 05-Jul-2012 08:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703650.D
Lab Smp Id: MB 460-118077/1-A
Inj Date : 02-JUL-2012 14:43
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-118077/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

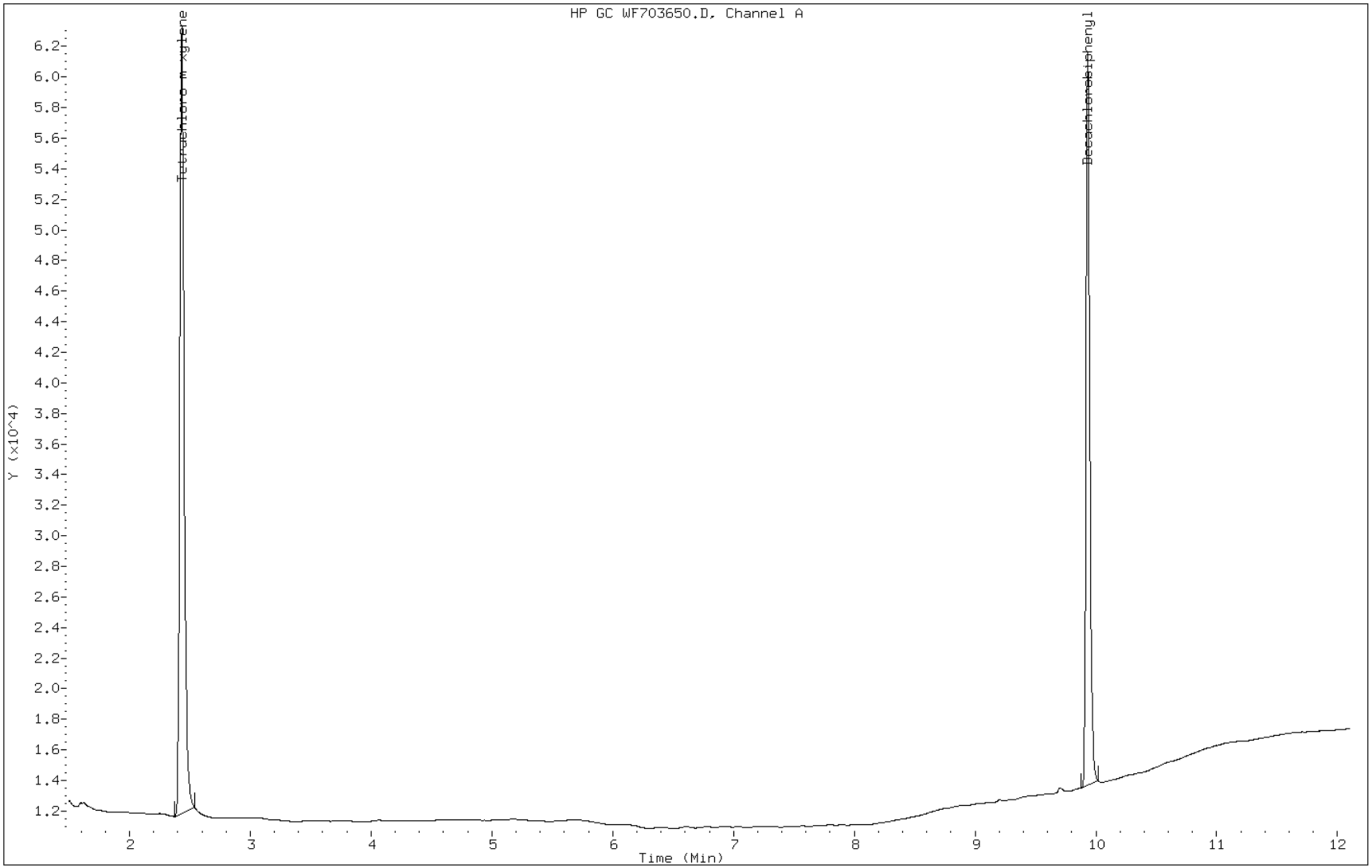
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.433	2.433	0.000	130587	56.2371	37	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.933	9.930	0.003	102838	58.2537	39	80.00- 120.00	100.00

Data File: WF703650.D

Date: 02-JUL-2012 14:43

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-118077/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-118077/1-A

Matrix: Solid | Lab File ID: WR703650.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 14:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.5	U	6.7	1.5
319-84-6	alpha-BHC	1.2	U	6.7	1.2
319-85-7	beta-BHC	0.91	U	6.7	0.91
319-86-8	delta-BHC	1.0	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	0.78	U	6.7	0.78
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	0.80	U	6.7	0.80
72-55-9	4,4'-DDE	1.3	U	6.7	1.3
50-29-3	4,4'-DDT	0.84	U	6.7	0.84
60-57-1	Dieldrin	1.3	U	6.7	1.3
959-98-8	Endosulfan I	1.4	U	6.7	1.4
33213-65-9	Endosulfan II	1.0	U	6.7	1.0
1031-07-8	Endosulfan sulfate	0.86	U	6.7	0.86
72-20-8	Endrin	0.94	U	6.7	0.94
7421-93-4	Endrin aldehyde	1.7	U	6.7	1.7
53494-70-5	Endrin ketone	0.99	U	6.7	0.99
76-44-8	Heptachlor	0.96	U	6.7	0.96
1024-57-3	Heptachlor epoxide	1.4	U	6.7	1.4
72-43-5	Methoxychlor	0.75	U	6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		40-150
2051-24-3	DCB Decachlorobiphenyl	129		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703650.D
Lab Smp Id: MB 460-118077/1-A
Inj Date : 02-JUL-2012 14:43
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-118077/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

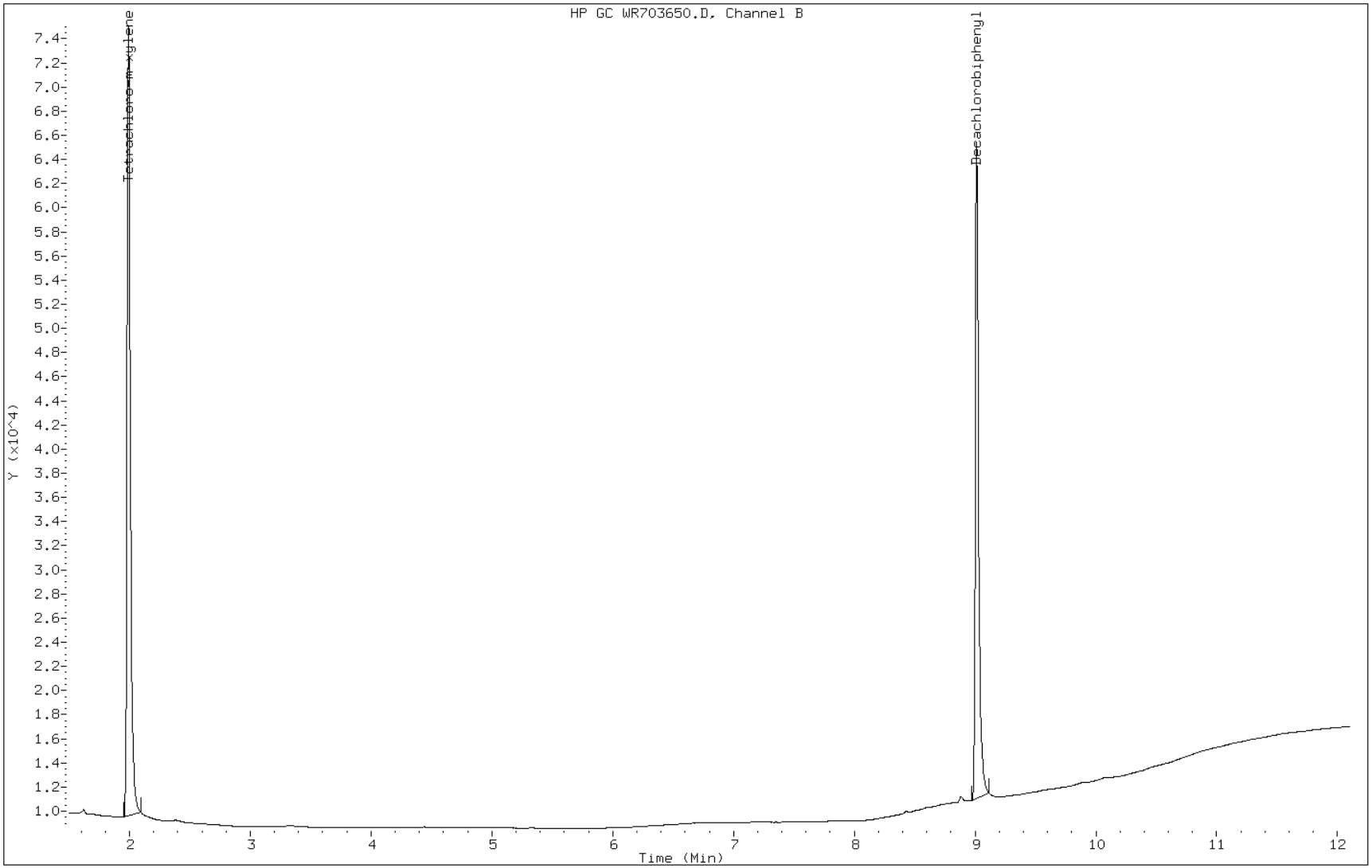
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.993	1.990	0.003	125417	61.3799	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.013	9.013	0.000	101235	64.3083	43	80.00- 120.00	100.00

Data File: WR703650.D

Date: 02-JUL-2012 14:43

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-118077/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118074/2-A

Matrix: Solid | Lab File ID: xf135637.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	145		6.7	1.5
319-84-6	alpha-BHC	135		6.7	1.2
319-85-7	beta-BHC	137		6.7	0.91
319-86-8	delta-BHC	132		6.7	1.0
58-89-9	gamma-BHC (Lindane)	135		6.7	0.78
57-74-9	*Chlordane*	*15*	*U*	*67*	*15*
72-54-8	*4,4'-DDD*	*154*		*6.7*	*0.80*
72-55-9	4,4'-DDE	153		6.7	1.3
50-29-3	4,4'-DDT	151		6.7	0.84
60-57-1	Dieldrin	132		6.7	1.3
959-98-8	Endosulfan I	144		6.7	1.4
33213-65-9	Endosulfan II	137		6.7	1.0
1031-07-8	*Endosulfan sulfate*	*130*		*6.7*	*0.86*
72-20-8	Endrin	144		6.7	0.94
7421-93-4	*Endrin aldehyde*	*124*		*6.7*	*1.7*
53494-70-5	Endrin ketone	140		6.7	0.99
76-44-8	Heptachlor	165		6.7	0.96
1024-57-3	Heptachlor epoxide	143		6.7	1.4
72-43-5	Methoxychlor	158		6.7	0.75
8001-35-2	*Toxaphene*	*14*	*U*	*67*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		40-150
2051-24-3	DCB Decachlorobiphenyl	117		53-150

Data File: xf135637.d
Report Date: 09-Jul-2012 07:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/xf135637.d
Lab Smp Id: LCS 460-118074/2-A
Inj Date : 02-JUL-2012 11:47
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-118074/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-02-12/02jul12b.b/09Xf8081.m
Meth Date : 09-Jul-2012 07:05 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.273	0.000	195621	56.0253	37	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.767	2.770	-0.003	940283	201.922	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.107	3.107	0.000	853098	202.368	130	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.193	3.197	-0.004	425971	205.000	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	828528	197.650	130	80.00- 120.00	100.00

Data File: xf135637.d
Report Date: 09-Jul-2012 07:06

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.680	3.677	0.003	734593	246.789	160	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.463	4.463	0.000	934046	217.910	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	841682	214.272	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	874158	214.445	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	834457	213.370	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	781084	228.910	150	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	755038	215.586	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.450	7.447	0.003	699099	198.604	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	613427	216.366	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	591614	230.413	150	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	612810	205.661	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	520678	226.458	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.463	0.000	459866	185.795	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	236293	237.047	160	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	523105	195.162	130	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	588714	210.580	140	80.00- 120.00	100.00

Data File: xf135637.d
Report Date: 09-Jul-2012 07:06

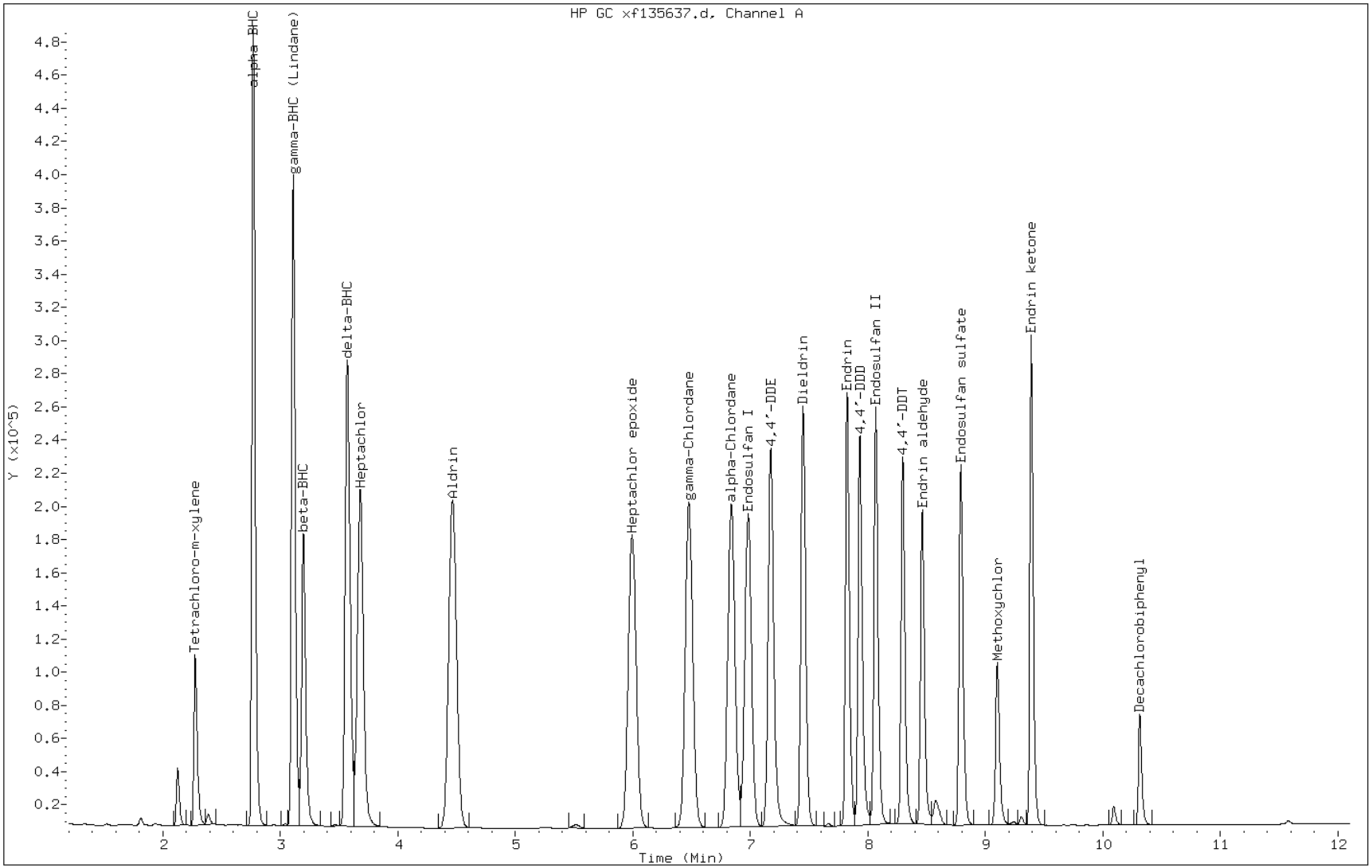
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	134622	58.2642	39	80.00- 120.00	100.00

Data File: xf135637.d

Date: 02-JUL-2012 11:47

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-118074/2-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118074/2-A

Matrix: Solid | Lab File ID: xr135637.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118973 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*129*		*6.7*	*1.5*
319-84-6	*alpha-BHC*	*125*		*6.7*	*1.2*
319-85-7	*beta-BHC*	*130*		*6.7*	*0.91*
319-86-8	*delta-BHC*	*121*		*6.7*	*1.0*
58-89-9	*gamma-BHC (Lindane)*	*123*		*6.7*	*0.78*
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	154		6.7	0.80
72-55-9	*4,4'-DDE*	*142*		*6.7*	*1.3*
50-29-3	*4,4'-DDT*	*137*		*6.7*	*0.84*
60-57-1	*Dieldrin*	*129*		*6.7*	*1.3*
959-98-8	*Endosulfan I*	*139*		*6.7*	*1.4*
33213-65-9	*Endosulfan II*	*135*		*6.7*	*1.0*
1031-07-8	Endosulfan sulfate	130		6.7	0.86
72-20-8	*Endrin*	*142*		*6.7*	*0.94*
7421-93-4	Endrin aldehyde	129		6.7	1.7
53494-70-5	*Endrin ketone*	*137*		*6.7*	*0.99*
76-44-8	*Heptachlor*	*125*		*6.7*	*0.96*
1024-57-3	*Heptachlor epoxide*	*131*		*6.7*	*1.4*
72-43-5	*Methoxychlor*	*129*		*6.7*	*0.75*
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		40-150
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/xr135637.d
Lab Smp Id: LCS 460-118074/2-A
Inj Date : 02-JUL-2012 11:47
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-118074/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.877	1.880	-0.003	373434	61.5276	41	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.263	2.263	0.000	1536173	187.468	120	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.487	2.487	0.000	1336006	185.198	120	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.553	0.000	696764	194.889	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.680	0.000	1322453	181.391	120	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.847	2.847	0.000	1265226	186.938	120	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.110	3.110	0.000	1293842	193.741	130	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.903	3.903	0.000	1410488	196.214	130	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.200	4.200	0.000	1517218	204.068	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.510	4.510	0.000	1439049	204.177	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.713	4.713	0.000	1326186	213.498	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.813	4.813	0.000	1406567	207.844	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.410	5.410	0.000	1284850	193.724	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
5.997	5.997	0.000	1246206	212.574	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.197	6.197	0.000	1127678	230.971	150	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.543	6.543	0.000	1127206	201.870	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.863	6.863	0.000	1113316	205.985	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.357	7.357	0.000	753331	193.092	130	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.647	7.647	0.000	407703	194.181	130	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.873	7.873	0.000	748308	195.369	130	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.183	8.183	0.000	898688	205.331	140	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
9.327	9.327	0.000	236976	62.6329	42	80.00- 120.00	100.00

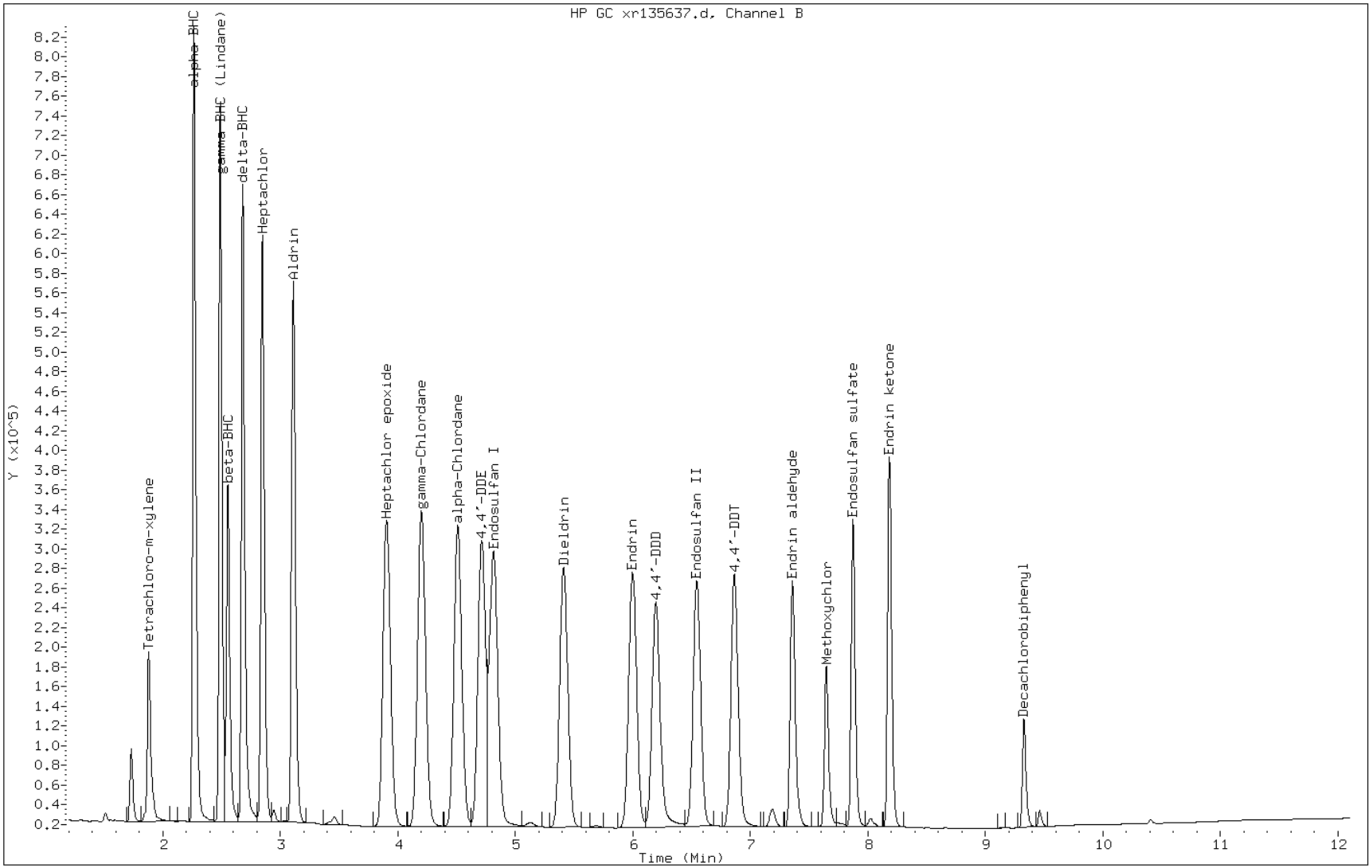
$ 30 Decachlorobiphenyl CAS #: 2051-24-3

Data File: xr135637.d

Date: 02-JUL-2012 11:47

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-118074/2-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118077/2-A

Matrix: Solid | Lab File ID: WF703628.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 09:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	144		6.7	1.5
319-84-6	alpha-BHC	147		6.7	1.2
319-85-7	beta-BHC	149		6.7	0.91
319-86-8	*delta-BHC*	*142*		*6.7*	*1.0*
58-89-9	gamma-BHC (Lindane)	145		6.7	0.78
57-74-9	*Chlordane*	*15*	*U*	*67*	*15*
72-54-8	4,4'-DDD	159		6.7	0.80
72-55-9	4,4'-DDE	152		6.7	1.3
50-29-3	4,4'-DDT	154		6.7	0.84
60-57-1	Dieldrin	133		6.7	1.3
959-98-8	Endosulfan I	144		6.7	1.4
33213-65-9	Endosulfan II	142		6.7	1.0
1031-07-8	Endosulfan sulfate	135		6.7	0.86
72-20-8	Endrin	147		6.7	0.94
7421-93-4	Endrin aldehyde	135		6.7	1.7
53494-70-5	*Endrin ketone*	*146*		*6.7*	*0.99*
76-44-8	Heptachlor	156		6.7	0.96
1024-57-3	Heptachlor epoxide	140		6.7	1.4
72-43-5	Methoxychlor	171		6.7	0.75
8001-35-2	*Toxaphene*	*14*	*U*	*67*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119		40-150
2051-24-3	DCB Decachlorobiphenyl	116		53-150

Data File: WF703628.D
Report Date: 05-Jul-2012 08:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703628.D
Lab Smp Id: LCS 460-118077/2-A
Inj Date : 02-JUL-2012 09:38
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-118077/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.433	2.433	0.000	138207	59.5184	40	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.570	3.570	0.000	684454	220.119	150	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.283	4.280	0.003	617913	217.838	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.430	4.430	0.000	299858	224.241	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
5.020	5.020	0.000	567384	213.410	140	80.00- 120.00	100.00

Data File: WF703628.D
Report Date: 05-Jul-2012 08:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
5.180	5.177	0.003	614146	234.692	160	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.870	5.867	0.003	588334	215.804	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.670	6.670	0.000	426072	210.269	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.867	6.867	0.000	436099	210.060	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.020	7.020	0.000	412004	209.828	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.090	7.087	0.003	412173	215.586	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	446869	227.662	150	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.383	7.383	0.000	406188	199.121	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	386697	219.789	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.817	7.817	0.000	352474	238.392	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.963	7.963	0.000	408744	213.415	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.177	8.177	0.000	353130	230.889	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.317	8.317	0.000	280980	202.574	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	295398	202.354	130	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.733	8.733	0.000	145397	256.278	170	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.937	8.937	0.000	363481	219.290	150	80.00- 120.00	100.00

Data File: WF703628.D
Report Date: 05-Jul-2012 08:25

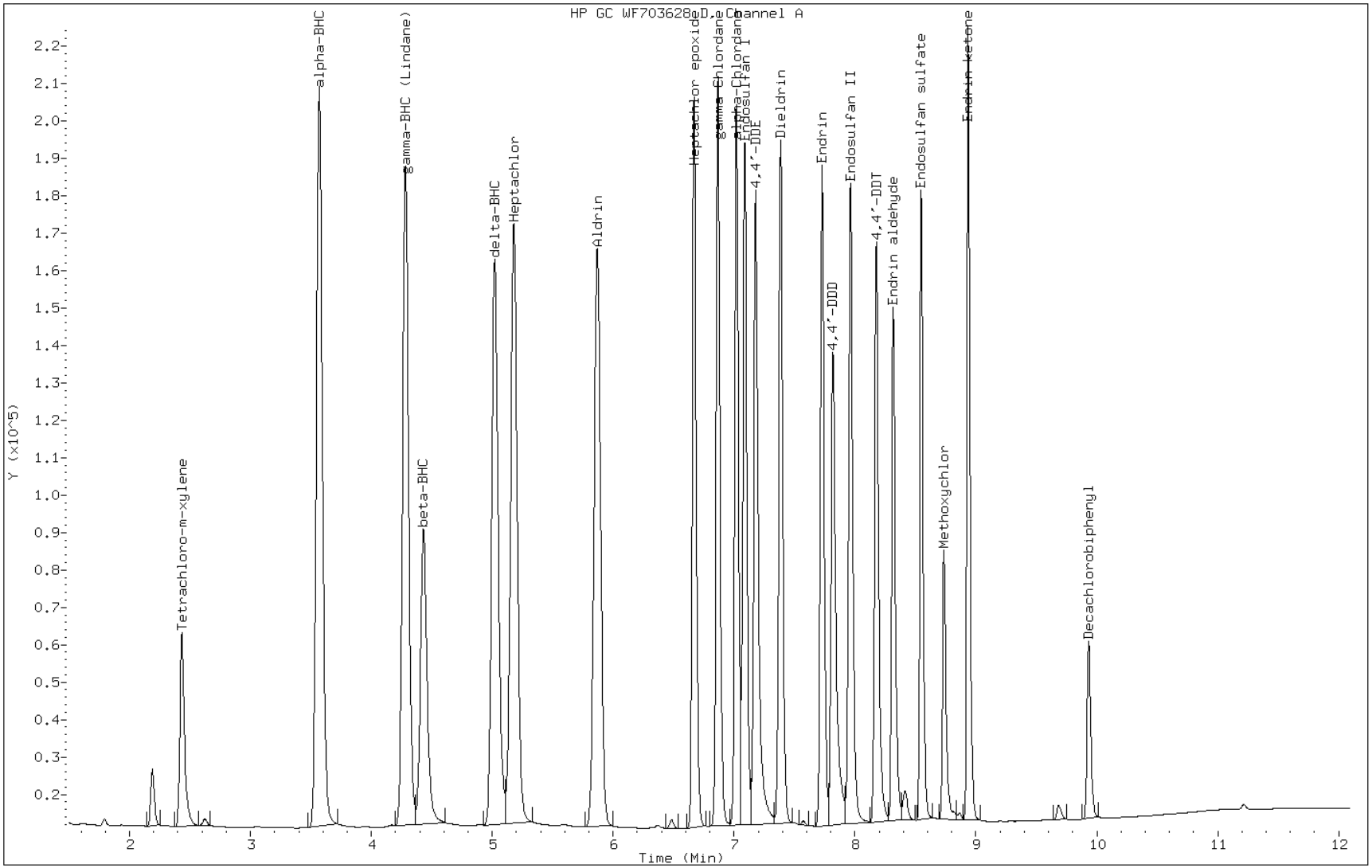
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.933	9.930	0.003	102179	57.8799	38	80.00- 120.00	100.00

Data File: WF703628.D

Date: 02-JUL-2012 09:38

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-118077/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-118077/2-A

Matrix: Solid | Lab File ID: WR703628.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 09:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*142*		*6.7*	*1.5*
319-84-6	*alpha-BHC*	*142*		*6.7*	*1.2*
319-85-7	*beta-BHC*	*143*		*6.7*	*0.91*
319-86-8	delta-BHC	143		6.7	1.0
58-89-9	*gamma-BHC (Lindane)*	*142*		*6.7*	*0.78*
57-74-9	Chlordane	15	U	67	15
72-54-8	*4,4'-DDD*	*153*		*6.7*	*0.80*
72-55-9	*4,4'-DDE*	*144*		*6.7*	*1.3*
50-29-3	*4,4'-DDT*	*150*		*6.7*	*0.84*
60-57-1	*Dieldrin*	*129*		*6.7*	*1.3*
959-98-8	*Endosulfan I*	*142*		*6.7*	*1.4*
33213-65-9	*Endosulfan II*	*137*		*6.7*	*1.0*
1031-07-8	*Endosulfan sulfate*	*134*		*6.7*	*0.86*
72-20-8	*Endrin*	*140*		*6.7*	*0.94*
7421-93-4	*Endrin aldehyde*	*135*		*6.7*	*1.7*
53494-70-5	Endrin ketone	147		6.7	0.99
76-44-8	*Heptachlor*	*143*		*6.7*	*0.96*
1024-57-3	*Heptachlor epoxide*	*140*		*6.7*	*1.4*
72-43-5	*Methoxychlor*	*147*		*6.7*	*0.75*
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		40-150
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703628.D
Lab Smp Id: LCS 460-118077/2-A
Inj Date : 02-JUL-2012 09:38
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-118077/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.990	1.990	0.000	117328	57.4209	38	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.587	2.587	0.000	601166	212.476	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.127	3.127	0.000	576108	213.178	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.283	3.287	-0.004	259734	214.484	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.613	3.613	0.000	497153	214.173	140	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.007	4.007	0.000	450825	213.817	140	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.567	4.567	0.000	570305	212.562	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.723	5.723	0.000	506159	210.134	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.973	5.973	0.000	534250	212.364	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.183	6.183	0.000	487557	207.346	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.283	6.283	0.000	355454	216.162	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.363	6.363	0.000	465815	212.483	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.627	6.627	0.000	399819	194.151	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.857	6.860	-0.003	366812	210.121	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.913	6.913	0.000	308515	229.955	150	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.080	7.080	0.000	411679	205.945	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.197	7.197	0.000	334802	225.380	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.510	7.510	0.000	323391	202.173	130	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.707	7.703	0.004	138889	220.202	150	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.973	7.973	0.000	346620	200.884	130	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.270	8.270	0.000	396979	221.178	150	80.00- 120.00	100.00

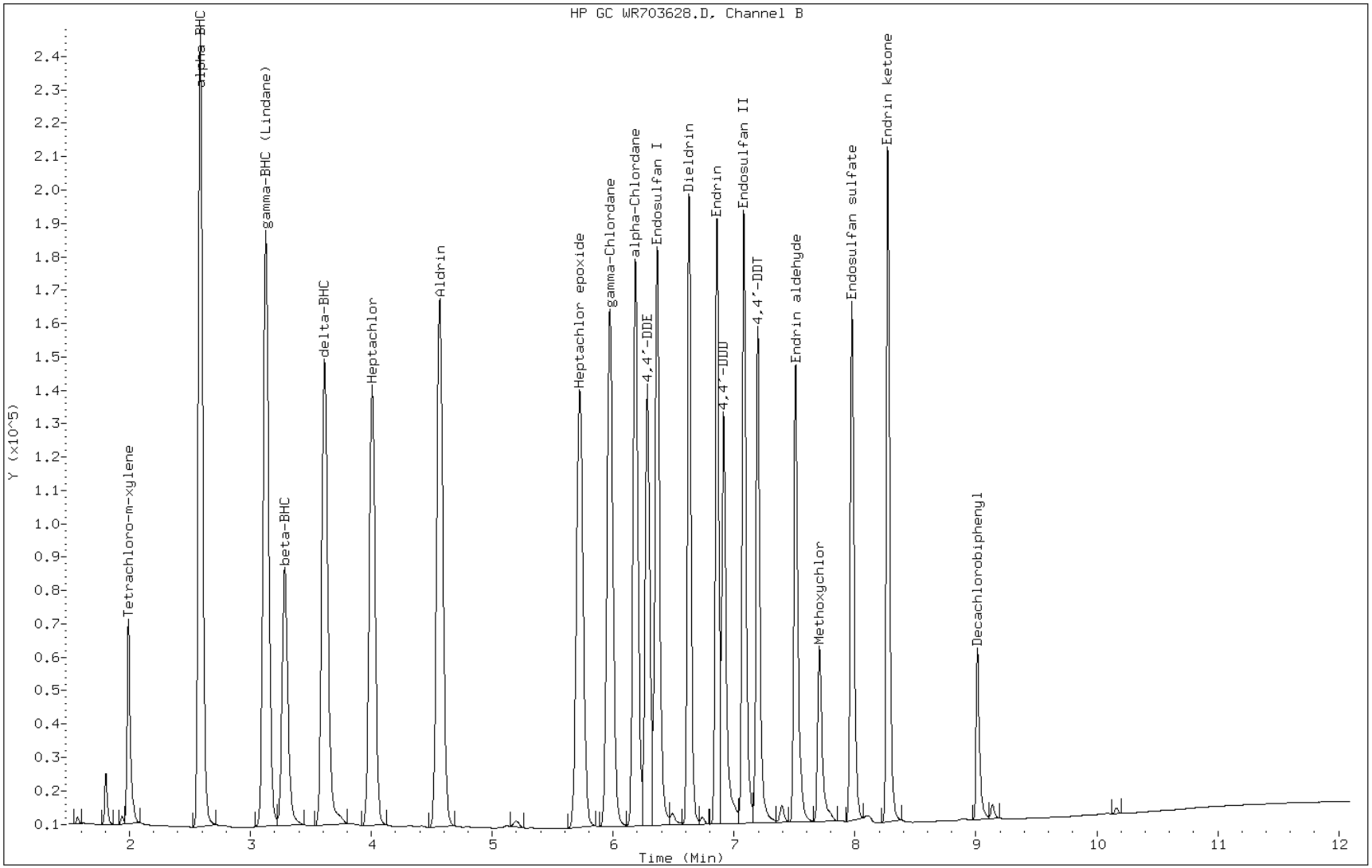
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.013	9.013	0.000	99285	63.0690	42	80.00- 120.00	100.00

Data File: WR703628.D

Date: 02-JUL-2012 09:38

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-118077/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: xf135703.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) | Date Analyzed: 07/03/2012 08:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118507 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	168		7.9	1.7
319-84-6	alpha-BHC	156		7.9	1.5
319-85-7	beta-BHC	155		7.9	1.1
319-86-8	delta-BHC	157		7.9	1.2
58-89-9	gamma-BHC (Lindane)	157		7.9	0.92
57-74-9	*Chlordane*	*3300*		*79*	*17*
72-54-8	*4,4'-DDD*	*177*		*7.9*	*0.95*
72-55-9	4,4'-DDE	170		7.9	1.5
50-29-3	4,4'-DDT	178		7.9	0.99
60-57-1	Dieldrin	151		7.9	1.5
959-98-8	Endosulfan I	164		7.9	1.7
33213-65-9	*Endosulfan II*	*159*		*7.9*	*1.2*
1031-07-8	Endosulfan sulfate	154		7.9	1.0
72-20-8	Endrin	169		7.9	1.1
7421-93-4	*Endrin aldehyde*	*144*		*7.9*	*2.0*
53494-70-5	Endrin ketone	164		7.9	1.2
76-44-8	Heptachlor	194		7.9	1.1
1024-57-3	Heptachlor epoxide	163		7.9	1.6
72-43-5	Methoxychlor	187		7.9	0.89
8001-35-2	*Toxaphene*	*2550*		*79*	*17*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		40-150
2051-24-3	DCB Decachlorobiphenyl	111		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/xf135703.d
Lab Smp Id: 460-41730-E-5-G
Inj Date : 03-JUL-2012 08:56
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-G
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/09Xf8081.m
Meth Date : 03-Jul-2012 15:55 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.273	0.004	192053	55.0035		80.00- 120.00	100.00(aR)
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	922364	198.074		80.00- 120.00	100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.107	0.003	837828	198.745		80.00- 120.00	100.00(a)
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	409831	197.233		80.00- 120.00	100.00(a)
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	832607	198.623		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
0.000	3.457	-3.457	0			80.00- 120.00	0.00(TaA)
3.680	3.683	-0.003	733272	4392.93		82.06- 123.09	0.00
0.000	4.850	-4.850	0			84.11- 126.16	0.00
6.480	6.483	-0.003	833092	1677.00		244.22- 366.33	0.00
0.000	6.710	-6.710	0			201.97- 302.95	0.00
6.840	6.843	-0.003	807558	1902.63		208.66- 313.00	0.00
7.930	7.913	0.017	575641	8002.35		35.36- 53.05	0.00
8.067	8.123	-0.056	601488	4946.33		59.78- 89.67	0.00
17 Heptachlor					CAS #: 76-44-8		
3.680	3.677	0.003	733272	246.345		80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.463	4.460	0.003	911945	212.754		80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.997	5.993	0.004	813149	207.008		80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.480	6.477	0.003	833092	204.371		80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.840	6.837	0.003	807558	206.492		80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.173	0.000	737221	216.055		80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.983	6.980	0.003	727075	207.602		80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.450	7.447	0.003	673521	191.337		80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	609790	215.083		80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.930	7.930	0.000	575641	224.192		80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	601488	201.862		80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.297	0.000	519676	226.022		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
20 Toxaphene					CAS #: 8001-35-2		
0.000	8.160	-8.160	0			80.00- 120.00	0.00(TaA)
8.460	8.467	-0.007	452251	4634.34		81.98- 122.97	0.00
8.723	8.727	-0.004	2371	28.2228		70.58- 105.86	0.00
8.790	8.780	0.010	523616	6811.09		64.58- 96.88	0.00
9.100	9.080	0.020	236710	1477.93		134.55- 201.83	0.00
0.000	9.157	-9.157	0			123.93- 185.90	0.00
0.000	9.477	-9.477	0			80.25- 120.37	0.00
0.000	9.620	-9.620	0			97.36- 146.04	0.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.460	8.460	0.000	452251	182.718		80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	236710	237.465		80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	523616	195.353		80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	582302	208.287		80.00- 120.00	100.00(a)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	128645	55.6773		80.00- 120.00	100.00(aR)

QC Flag Legend

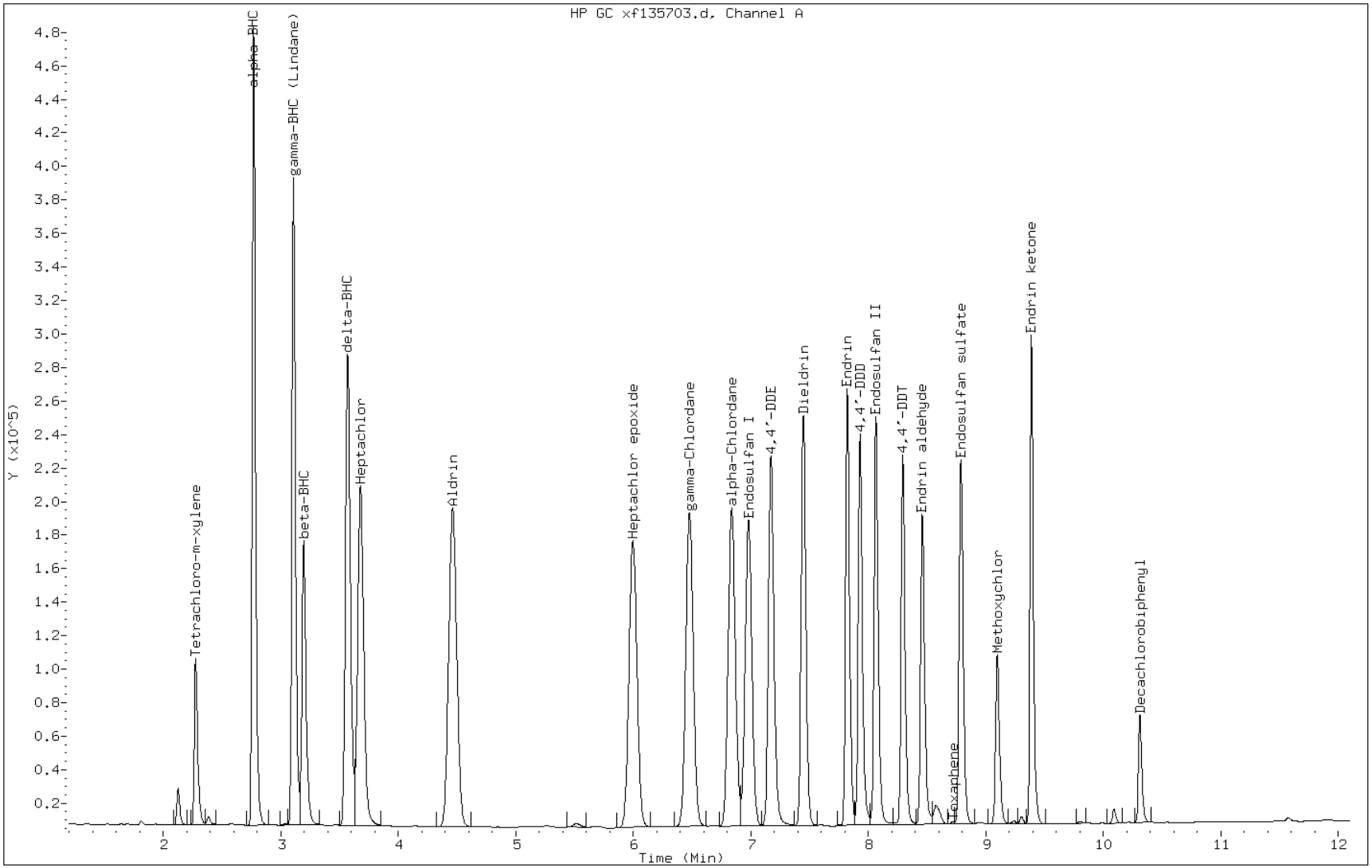
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: xf135703.d

Date: 03-JUL-2012 08:56

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: xr135703.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.02(g) | Date Analyzed: 07/03/2012 08:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118507 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*153*		*7.9*	*1.7*
319-84-6	*alpha-BHC*	*151*		*7.9*	*1.5*
319-85-7	*beta-BHC*	*153*		*7.9*	*1.1*
319-86-8	*delta-BHC*	*148*		*7.9*	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*148*		*7.9*	*0.92*
57-74-9	Chlordane	17	U	79	17
72-54-8	4,4'-DDD	185		7.9	0.95
72-55-9	*4,4'-DDE*	*155*		*7.9*	*1.5*
50-29-3	*4,4'-DDT*	*167*		*7.9*	*0.99*
60-57-1	*Dieldrin*	*147*		*7.9*	*1.5*
959-98-8	*Endosulfan I*	*159*		*7.9*	*1.7*
33213-65-9	Endosulfan II	163		7.9	1.2
1031-07-8	*Endosulfan sulfate*	*149*		*7.9*	*1.0*
72-20-8	*Endrin*	*166*		*7.9*	*1.1*
7421-93-4	Endrin aldehyde	148		7.9	2.0
53494-70-5	*Endrin ketone*	*157*		*7.9*	*1.2*
76-44-8	*Heptachlor*	*150*		*7.9*	*1.1*
1024-57-3	*Heptachlor epoxide*	*154*		*7.9*	*1.6*
72-43-5	*Methoxychlor*	*157*		*7.9*	*0.89*
8001-35-2	Toxaphene	17	U	79	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		40-150
2051-24-3	DCB Decachlorobiphenyl	121		53-150

Data File: xr135703.d
Report Date: 03-Jul-2012 15:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/xr135703.d
Lab Smp Id: 460-41730-E-5-G
Inj Date : 03-JUL-2012 08:56
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-G
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 15:58 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.880	0.003	380495	62.6910	42	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.263	0.004	1569400	191.523	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.487	0.003	1358350	188.295	120	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.553	0.000	693406	193.950	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.680	0.000	1373970	188.457	120	80.00- 120.00	100.00

Data File: xr135703.d
Report Date: 03-Jul-2012 15:58

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.850	2.847	0.003	1291467	190.815	130	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.110	3.110	0.000	1295790	194.033	130	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.907	3.903	0.004	1402357	195.083	130	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.203	4.200	0.003	1477824	198.770	130	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.510	4.510	0.000	1132697	160.711	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.720	4.713	0.007	1220555	196.493	130	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.817	4.813	0.004	1362770	201.372	130	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.413	5.410	0.003	1235555	186.292	120	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.000	5.997	0.003	1232619	210.257	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.197	6.193	0.004	1143474	234.206	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.547	6.543	0.004	1156218	207.065	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.863	6.860	0.003	1143585	211.586	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.357	7.357	0.000	731176	187.413	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.643	7.643	0.000	418965	199.545	130	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.870	7.870	0.000	722102	188.527	120	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.180	8.180	0.000	870754	198.949	130	80.00- 120.00	100.00

Data File: xr135703.d
Report Date: 03-Jul-2012 15:58

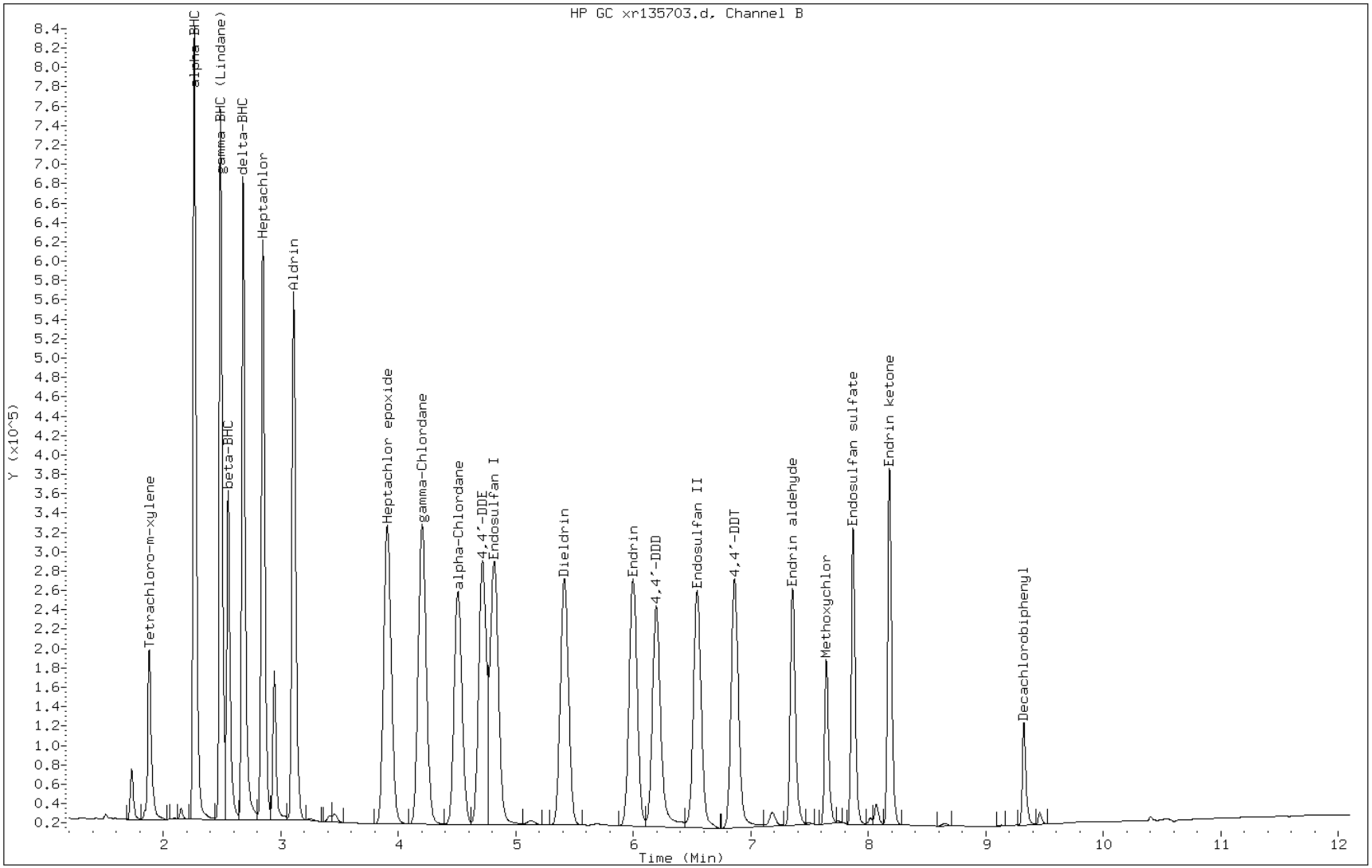
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.323	9.327	-0.004	228358	60.3551	40	80.00- 120.00	100.00

Data File: xr135703.d

Date: 03-JUL-2012 08:56

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: WF703629.D

Analysis Method: 8081A | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 09:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*242*		*17*	*3.7*
319-84-6	*alpha-BHC*	*259*		*17*	*3.1*
319-85-7	beta-BHC	255		17	2.3
319-86-8	delta-BHC	259		17	2.6
58-89-9	gamma-BHC (Lindane)	260		17	2.0
57-74-9	*Chlordane*	*37*	*U*	*170*	*37*
72-54-8	4,4'-DDD	301		17	2.0
72-55-9	4,4'-DDE	299		17	3.3
50-29-3	4,4'-DDT	278		17	2.1
60-57-1	Dieldrin	236		17	3.3
959-98-8	Endosulfan I	247		17	3.6
33213-65-9	Endosulfan II	245		17	2.5
1031-07-8	Endosulfan sulfate	258		17	2.2
72-20-8	Endrin	276		17	2.4
7421-93-4	Endrin aldehyde	196		17	4.2
53494-70-5	Endrin ketone	288		17	2.5
76-44-8	*Heptachlor*	*224*		*17*	*2.4*
1024-57-3	*Heptachlor epoxide*	*236*		*17*	*3.4*
72-43-5	Methoxychlor	288		17	1.9
8001-35-2	*Toxaphene*	*35*	*U*	*170*	*35*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

Data File: WF703629.D
Report Date: 05-Jul-2012 08:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703629.D
Lab Smp Id: 460-41730-E-17-G
Inj Date : 02-JUL-2012 09:51
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-G
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.430	2.433	-0.003	108816	46.8613	31	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.567	3.570	-0.003	479725	154.279	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.280	4.280	0.000	438872	154.719	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.427	4.430	-0.003	202933	151.758	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
5.017	5.020	-0.003	409743	154.117	100	80.00- 120.00	100.00

Data File: WF703629.D
Report Date: 05-Jul-2012 08:26

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
17 Heptachlor					CAS #: 76-44-8		
5.173	5.177	-0.004	348705	133.255	89	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.867	5.867	0.000	392389	143.930	96	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.667	6.670	-0.003	284682	140.492	94	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.867	6.867	0.000	416610	200.673	130	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.017	7.020	-0.003	286853	146.091	97	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.087	7.087	0.000	280778	146.860	98	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.177	-0.004	349206	177.906	120	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.383	7.383	0.000	286316	140.358	94	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	289213	164.382	110	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.813	7.817	-0.004	264918	179.175	120	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.960	7.963	-0.003	278815	145.576	97	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.173	8.177	-0.004	253080	165.473	110	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.317	8.317	0.000	161956	116.763	78	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	224074	153.495	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.730	8.733	-0.003	97267	171.444	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.933	8.937	-0.004	283781	171.206	110	80.00- 120.00	100.00

Data File: WF703629.D
Report Date: 05-Jul-2012 08:26

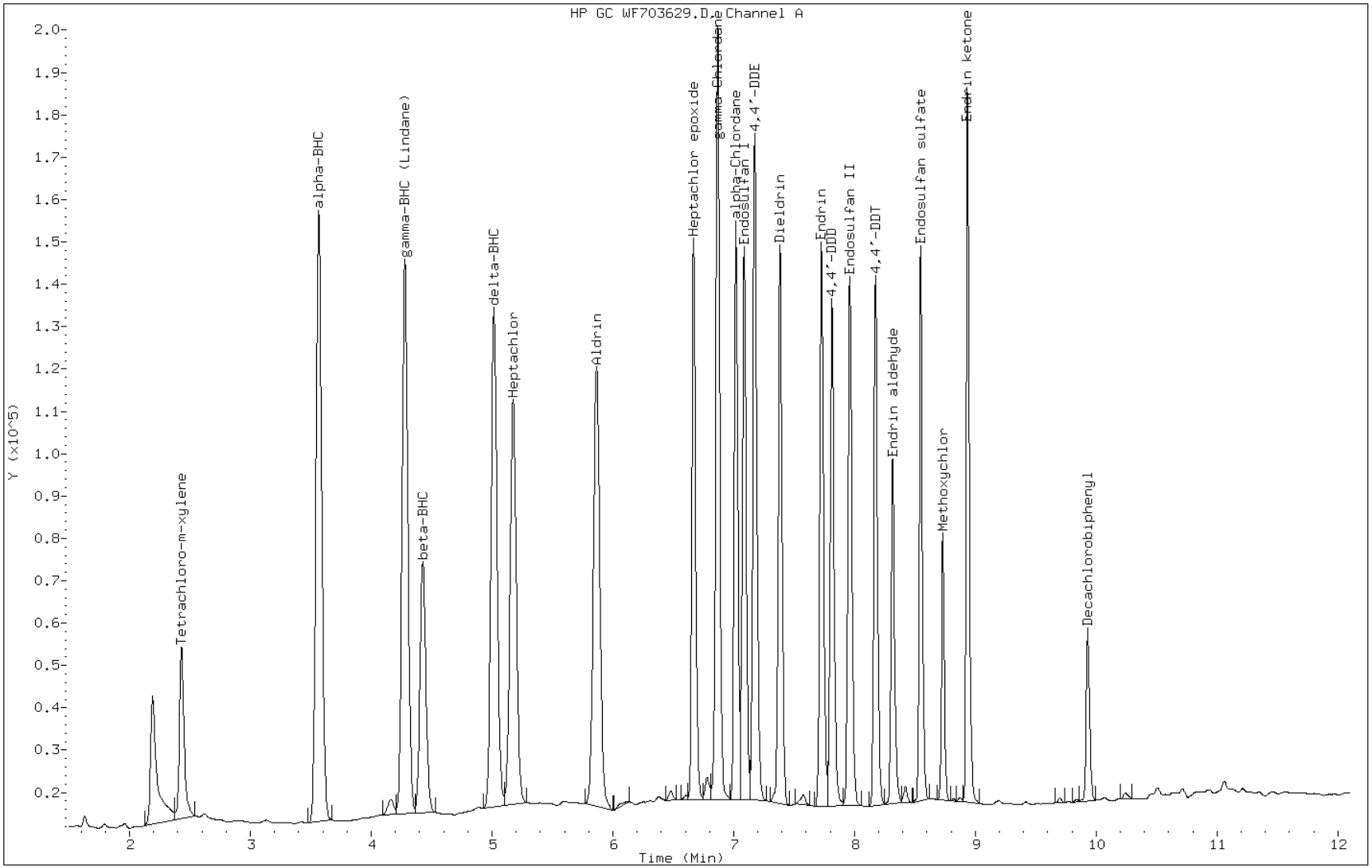
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.930	9.930	0.000	82050	46.4777	31	80.00- 120.00	100.00

Data File: WF703629.D

Date: 02-JUL-2012 09:51

Client ID: Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: WR703629.D

Analysis Method: 8081A | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 09:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	243		17	3.7
319-84-6	alpha-BHC	260		17	3.1
319-85-7	*beta-BHC*	*243*		*17*	*2.3*
319-86-8	*delta-BHC*	*246*		*17*	*2.6*
58-89-9	*gamma-BHC (Lindane)*	*256*		*17*	*2.0*
57-74-9	Chlordane	37	U	170	37
72-54-8	*4,4'-DDD*	*243*		*17*	*2.0*
72-55-9	*4,4'-DDE*	*256*		*17*	*3.3*
50-29-3	*4,4'-DDT*	*224*		*17*	*2.1*
60-57-1	*Dieldrin*	*212*		*17*	*3.3*
959-98-8	*Endosulfan I*	*237*		*17*	*3.6*
33213-65-9	*Endosulfan II*	*223*		*17*	*2.5*
1031-07-8	*Endosulfan sulfate*	*237*		*17*	*2.2*
72-20-8	*Endrin*	*239*		*17*	*2.4*
7421-93-4	*Endrin aldehyde*	*188*		*17*	*4.2*
53494-70-5	*Endrin ketone*	*263*		*17*	*2.5*
76-44-8	Heptachlor	242		17	2.4
1024-57-3	Heptachlor epoxide	254		17	3.4
72-43-5	*Methoxychlor*	*227*		*17*	*1.9*
8001-35-2	Toxaphene	35	U	170	35

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703629.D
Lab Smp Id: 460-41730-E-17-G
Inj Date : 02-JUL-2012 09:51
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-G
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.990	1.990	0.000	83773	40.9989	27	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.583	2.587	-0.004	437359	154.580	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.123	3.127	-0.004	412454	152.621	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.280	3.287	-0.007	175194	144.672	96	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.607	3.613	-0.006	339299	146.170	97	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.003	4.007	-0.004	304172	144.262	96	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.563	4.567	-0.004	388293	144.723	96	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.720	5.723	-0.003	364315	151.247	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.970	5.973	-0.003	360243	143.196	95	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.180	6.183	-0.003	318331	135.378	90	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.277	6.283	-0.006	251031	152.660	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.363	6.363	0.000	308632	140.783	94	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.627	6.627	0.000	259477	126.001	84	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.857	6.860	-0.003	248837	142.541	95	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.910	6.913	-0.003	194218	144.763	96	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.080	7.080	0.000	265506	132.821	88	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.193	7.197	-0.004	198006	133.292	89	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.507	7.510	-0.003	178868	111.822	74	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.700	7.703	-0.003	85056	134.852	90	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.973	7.973	0.000	243065	140.869	94	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.270	8.270	0.000	281475	156.824	100	80.00- 120.00	100.00

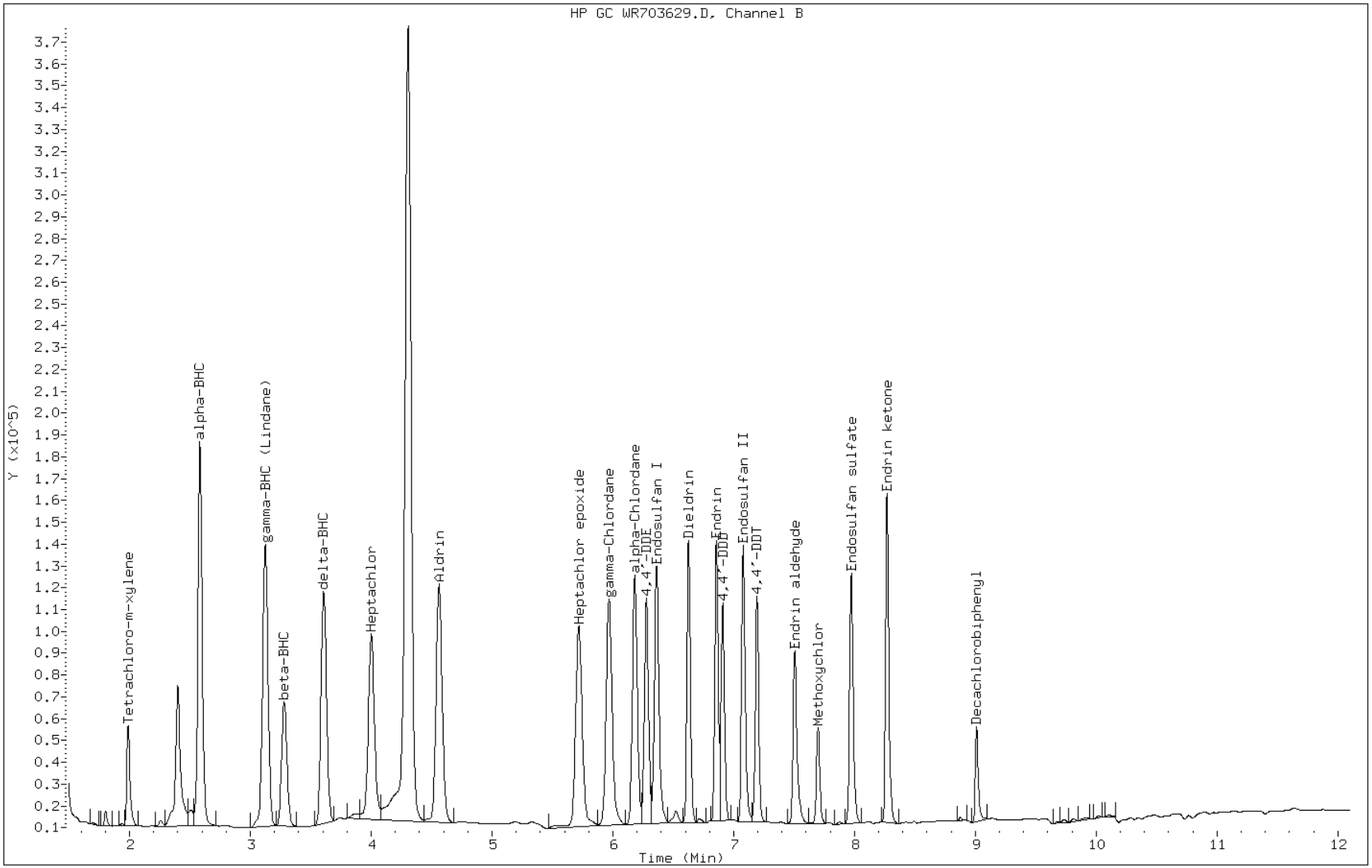
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.010	9.013	-0.003	73575	46.7372	31	80.00- 120.00	100.00

Data File: WR703629.D

Date: 02-JUL-2012 09:51

Client ID: Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: xf135704.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/03/2012 09:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118507 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	170		7.9	1.7
319-84-6	alpha-BHC	158		7.9	1.5
319-85-7	beta-BHC	159		7.9	1.1
319-86-8	delta-BHC	158		7.9	1.2
58-89-9	gamma-BHC (Lindane)	158		7.9	0.92
57-74-9	*Chlordane*	*3350*		*79*	*17*
72-54-8	*4,4'-DDD*	*179*		*7.9*	*0.95*
72-55-9	4,4'-DDE	174		7.9	1.5
50-29-3	4,4'-DDT	180		7.9	0.99
60-57-1	Dieldrin	153		7.9	1.5
959-98-8	Endosulfan I	167		7.9	1.7
33213-65-9	*Endosulfan II*	*162*		*7.9*	*1.2*
1031-07-8	Endosulfan sulfate	155		7.9	1.0
72-20-8	Endrin	171		7.9	1.1
7421-93-4	*Endrin aldehyde*	*145*		*7.9*	*2.0*
53494-70-5	Endrin ketone	166		7.9	1.2
76-44-8	Heptachlor	198		7.9	1.1
1024-57-3	Heptachlor epoxide	166		7.9	1.6
72-43-5	Methoxychlor	189		7.9	0.89
8001-35-2	*Toxaphene*	*2570*		*79*	*17*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		40-150
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/xf135704.d
Lab Smp Id: 460-41730-E-5-H
Inj Date : 03-JUL-2012 09:10
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-H
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jul12/07-03-12/03jul12b.b/09Xf8081.m
Meth Date : 03-Jul-2012 15:55 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xf135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.273	0.004	195150	55.8905		80.00- 120.00	100.00(aR)
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	934254	200.627		80.00- 120.00	100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.107	0.003	845256	200.507		80.00- 120.00	100.00(a)
3 beta-BHC					CAS #: 319-85-7		
3.197	3.197	0.000	419105	201.696		80.00- 120.00	100.00(a)
4 delta-BHC					CAS #: 319-86-8		
3.570	3.570	0.000	837615	199.817		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
0.000	3.457	-3.457	0			80.00- 120.00	0.00(TaA)
3.680	3.683	-0.003	748618	4484.86		82.06- 123.09	0.00
0.000	4.850	-4.850	0			84.11- 126.16	0.00
6.477	6.483	-0.006	848945	1708.92		244.22- 366.33	0.00
0.000	6.710	-6.710	0			201.97- 302.95	0.00
6.837	6.843	-0.006	817931	1927.06		208.66- 313.00	0.00
7.930	7.913	0.017	583442	8110.80		35.36- 53.05	0.00
8.067	8.123	-0.056	610871	5023.49		59.78- 89.67	0.00
17 Heptachlor					CAS #: 76-44-8		
3.680	3.677	0.003	748618	251.501		80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.463	4.460	0.003	924788	215.751		80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.993	5.993	0.000	826438	210.391		80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.477	6.477	0.000	848945	208.260		80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.837	6.837	0.000	817931	209.144		80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.170	7.173	-0.003	752585	220.558		80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.980	6.980	0.000	739451	211.136		80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.447	7.447	0.000	683281	194.110		80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.823	7.823	0.000	616183	217.338		80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.930	7.930	0.000	583442	227.230		80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.067	0.000	610871	205.011		80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.293	8.297	-0.004	525077	228.372		80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
20 Toxaphene					CAS #: 8001-35-2		
0.000	8.160	-8.160	0			80.00- 120.00	0.00(TaA)
8.460	8.467	-0.007	455425	4666.86		81.98- 122.97	0.00
8.723	8.727	-0.004	1583	18.8430		70.58- 105.86	0.00
8.790	8.780	0.010	526784	6852.30		64.58- 96.88	0.00
9.100	9.080	0.020	238598	1489.72		134.55- 201.83	0.00
0.000	9.157	-9.157	0			123.93- 185.90	0.00
0.000	9.477	-9.477	0			80.25- 120.37	0.00
0.000	9.620	-9.620	0			97.36- 146.04	0.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.460	8.460	0.000	455425	184.000		80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.100	9.100	0.000	238598	239.359		80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.790	8.790	0.000	526784	196.535		80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.390	9.390	0.000	586506	209.790		80.00- 120.00	100.00(a)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.313	0.000	131449	56.8909		80.00- 120.00	100.00(aR)

QC Flag Legend

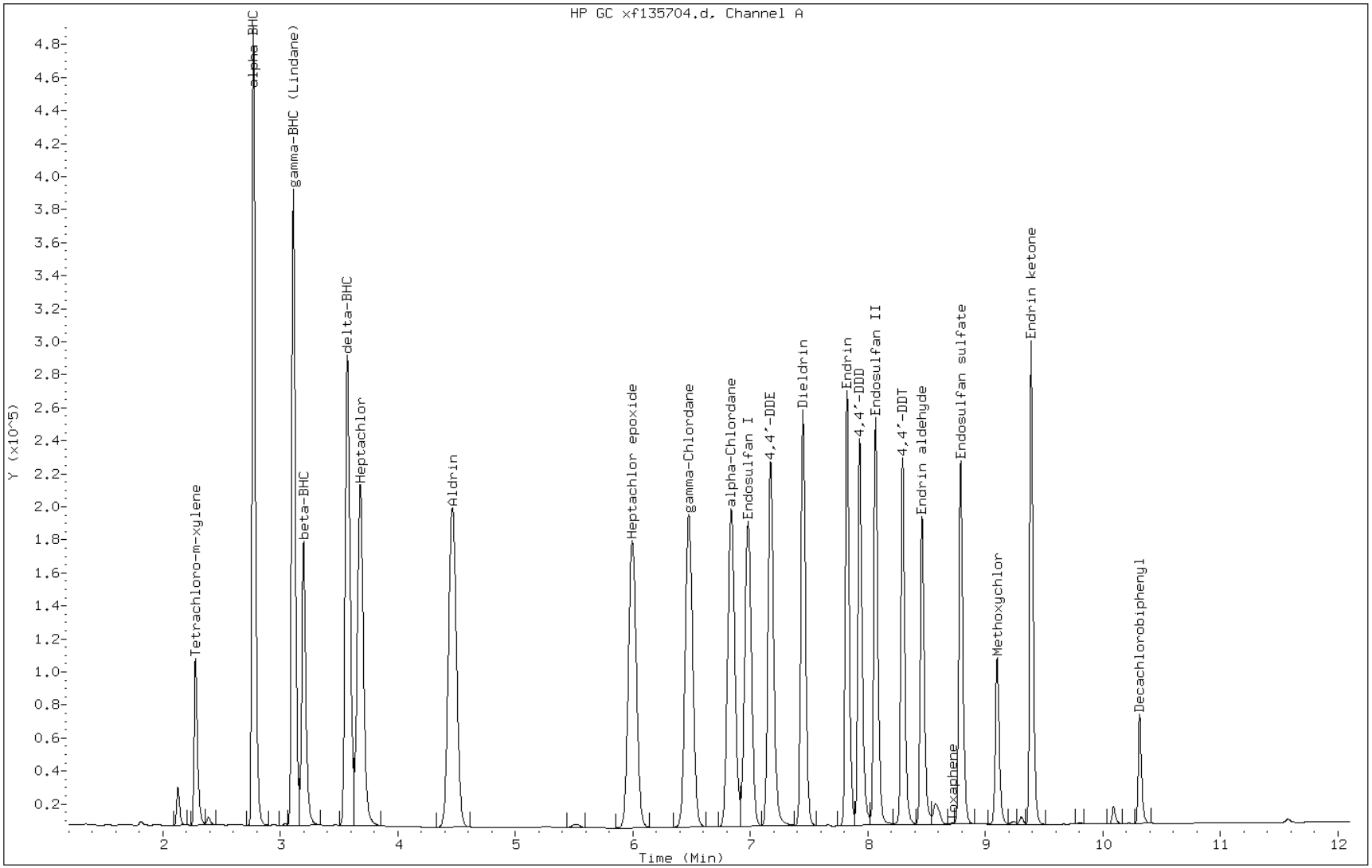
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: xf135704.d

Date: 03-JUL-2012 09:10

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-H Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: xr135704.d

Analysis Method: 8081A | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:51

Sample wt/vol: 15.00(g) | Date Analyzed: 07/03/2012 09:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118507 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*156*		*7.9*	*1.7*
319-84-6	*alpha-BHC*	*154*		*7.9*	*1.5*
319-85-7	*beta-BHC*	*155*		*7.9*	*1.1*
319-86-8	*delta-BHC*	*151*		*7.9*	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*152*		*7.9*	*0.92*
57-74-9	Chlordane	17	U	79	17
72-54-8	4,4'-DDD	187		7.9	0.95
72-55-9	*4,4'-DDE*	*161*		*7.9*	*1.5*
50-29-3	*4,4'-DDT*	*167*		*7.9*	*0.99*
60-57-1	*Dieldrin*	*150*		*7.9*	*1.5*
959-98-8	*Endosulfan I*	*162*		*7.9*	*1.7*
33213-65-9	Endosulfan II	163		7.9	1.2
1031-07-8	*Endosulfan sulfate*	*151*		*7.9*	*1.0*
72-20-8	*Endrin*	*168*		*7.9*	*1.1*
7421-93-4	Endrin aldehyde	148		7.9	2.0
53494-70-5	*Endrin ketone*	*160*		*7.9*	*1.2*
76-44-8	*Heptachlor*	*153*		*7.9*	*1.1*
1024-57-3	*Heptachlor epoxide*	*156*		*7.9*	*1.6*
72-43-5	*Methoxychlor*	*161*		*7.9*	*0.89*
8001-35-2	Toxaphene	17	U	79	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	127		40-150
2051-24-3	DCB Decachlorobiphenyl	122		53-150

Data File: xr135704.d
Report Date: 03-Jul-2012 15:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/xr135704.d
Lab Smp Id: 460-41730-E-5-H
Inj Date : 03-JUL-2012 09:10
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41730-E-5-H
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b/09Xr8081.m
Meth Date : 03-Jul-2012 15:58 catalina Quant Type: ESTD
Cal Date : 29-JUN-2012 07:27 Cal File: xr135566.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.880	0.000	386580	63.6935	42	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.263	0.004	1594591	194.597	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.487	2.487	0.000	1386374	192.180	130	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.553	0.000	701963	196.343	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.680	0.000	1397109	191.631	130	80.00- 120.00	100.00

Data File: xr135704.d
Report Date: 03-Jul-2012 15:58

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.847	2.847	0.000	1313120	194.014	130	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.110	3.110	0.000	1319340	197.559	130	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.903	3.903	0.000	1425653	198.324	130	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.200	4.200	0.000	1508959	202.957	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.507	4.510	-0.003	1268842	180.028	120	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.713	4.713	0.000	1264015	203.489	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.813	4.813	0.000	1391537	205.623	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.410	5.410	0.000	1260086	189.990	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
5.997	5.997	0.000	1249484	213.134	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.193	6.193	0.000	1154731	236.512	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.540	6.543	-0.003	1156261	207.073	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.860	6.860	0.000	1146387	212.104	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.357	7.357	0.000	733773	188.079	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.643	7.643	0.000	427788	203.748	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.870	7.870	0.000	733412	191.480	130	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.180	8.180	0.000	886457	202.537	140	80.00- 120.00	100.00

Data File: xr135704.d
Report Date: 03-Jul-2012 15:58

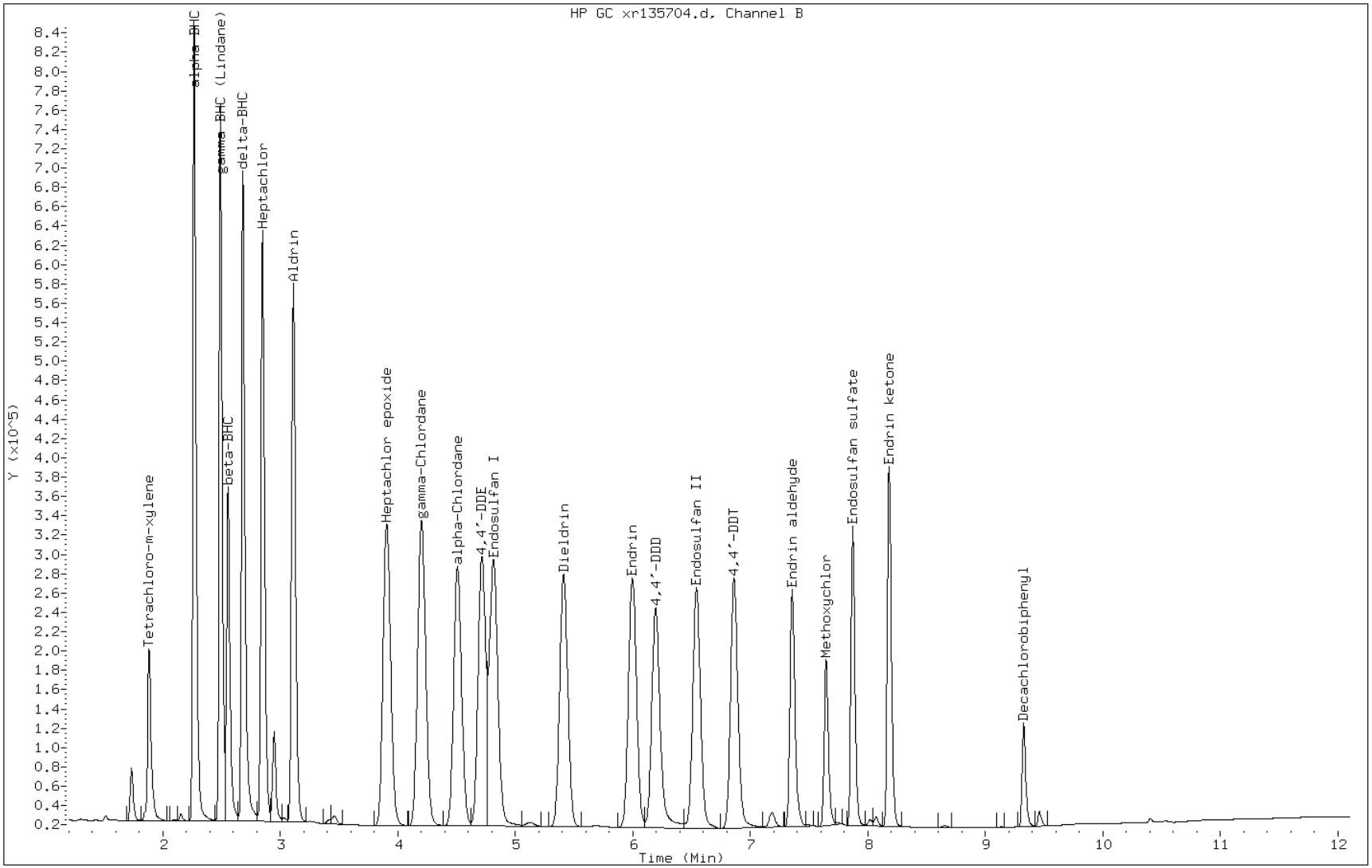
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.327	9.327	0.000	231035	61.0627	41	80.00- 120.00	100.00

Data File: xr135704.d

Date: 03-JUL-2012 09:10

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41730-E-5-H Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: WF703630.D

Analysis Method: 8081A | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 10:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*234*		*17*	*3.7*
319-84-6	*alpha-BHC*	*243*		*17*	*3.1*
319-85-7	*beta-BHC*	*242*		*17*	*2.3*
319-86-8	*delta-BHC*	*250*		*17*	*2.6*
58-89-9	*gamma-BHC (Lindane)*	*246*		*17*	*2.0*
57-74-9	*Chlordane*	*4160*		*170*	*37*
72-54-8	4,4'-DDD	295		17	2.0
72-55-9	4,4'-DDE	291		17	3.3
50-29-3	4,4'-DDT	263		17	2.1
60-57-1	Dieldrin	230		17	3.3
959-98-8	Endosulfan I	243		17	3.6
33213-65-9	Endosulfan II	238		17	2.5
1031-07-8	Endosulfan sulfate	253		17	2.2
72-20-8	Endrin	269		17	2.4
7421-93-4	Endrin aldehyde	191		17	4.2
53494-70-5	Endrin ketone	283		17	2.5
76-44-8	*Heptachlor*	*211*		*17*	*2.4*
1024-57-3	*Heptachlor epoxide*	*232*		*17*	*3.4*
72-43-5	Methoxychlor	290		17	1.9
8001-35-2	*Toxaphene*	*1330*		*170*	*35*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-150
2051-24-3	DCB Decachlorobiphenyl	93		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/WF703630.D
Lab Smp Id: 460-41730-E-17-H
Inj Date : 02-JUL-2012 10:05
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-H
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Jul12/07-02-12aical/02jul12b.b/08Wf8081.m
Meth Date : 03-Jul-2012 08:35 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 06:14 Cal File: WF703618.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.430	2.433	-0.003	101402	43.6684	29	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
3.563	3.570	-0.007	449527	144.567	96	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.277	4.280	-0.003	414728	146.207	97	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
4.423	4.430	-0.007	192316	143.819	96	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
0.000	4.873	-4.873	0			80.00- 120.00	0.00(T)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
6 Chlordane (continued)							
5.173	5.167	0.006	327773	2330.76	1600	101.46- 152.19	0.00
6.123	6.113	0.010	3012	29.7643	20	73.01- 109.52	0.00
6.867	6.863	0.004	398306	1551.99	1000	185.17- 277.75	0.00
7.017	6.957	0.060	277128	1312.63	880	152.33- 228.49	0.00
0.000	7.017	-7.017	0			162.21- 243.31	0.00
7.813	7.810	0.003	259686	5829.61	3900	32.14- 48.21	0.00
7.960	8.020	-0.060	270675	3792.88	2500	51.49- 77.23	0.00
		Average of Peak Concentrations =			1600		
4 delta-BHC					CAS #: 319-86-8		
5.013	5.020	-0.007	394639	148.436	99	80.00- 120.00	100.00
17 Heptachlor					CAS #: 76-44-8		
5.173	5.177	-0.004	327773	125.256	84	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.863	5.867	-0.004	378992	139.016	93	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.667	6.670	-0.003	280146	138.254	92	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.867	6.867	0.000	398306	191.856	130	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
7.017	7.020	-0.003	277128	141.138	94	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
7.087	7.087	0.000	275990	144.356	96	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.173	7.177	-0.004	340260	173.349	120	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.380	7.383	-0.003	278948	136.746	91	80.00- 120.00	100.00
20 Toxaphene					CAS #: 8001-35-2		
0.000	7.650	-7.650	0			80.00- 120.00	0.00(T)
0.000	8.053	-8.053	0			88.65- 132.97	0.00
8.313	8.323	-0.010	157380	2130.15	1400	90.91- 136.36	0.00
8.420	8.400	0.020	7631	103.232	69	90.96- 136.43	0.00
8.730	8.727	0.003	97729	893.016	600	134.66- 201.98	0.00
0.000	8.770	-8.770	0			140.59- 210.88	0.00
0.000	9.013	-9.013	0			93.55- 140.32	0.00
9.190	9.147	0.043	2411	34.2754	23	86.55- 129.83	0.00
		Average of Peak Concentrations =			530		

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
14 Endrin					CAS #: 72-20-8		
7.727	7.727	0.000	281764	160.148	110	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.813	7.817	-0.004	259686	175.636	120	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.960	7.963	-0.003	270675	141.326	94	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.170	8.177	-0.007	239565	156.636	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.313	8.317	-0.004	157380	113.464	76	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.547	8.547	0.000	219749	150.533	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.730	8.733	-0.003	97729	172.258	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.933	8.937	-0.004	278721	168.154	110	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.927	9.930	-0.003	81827	46.3514	31	80.00- 120.00	100.00

QC Flag Legend

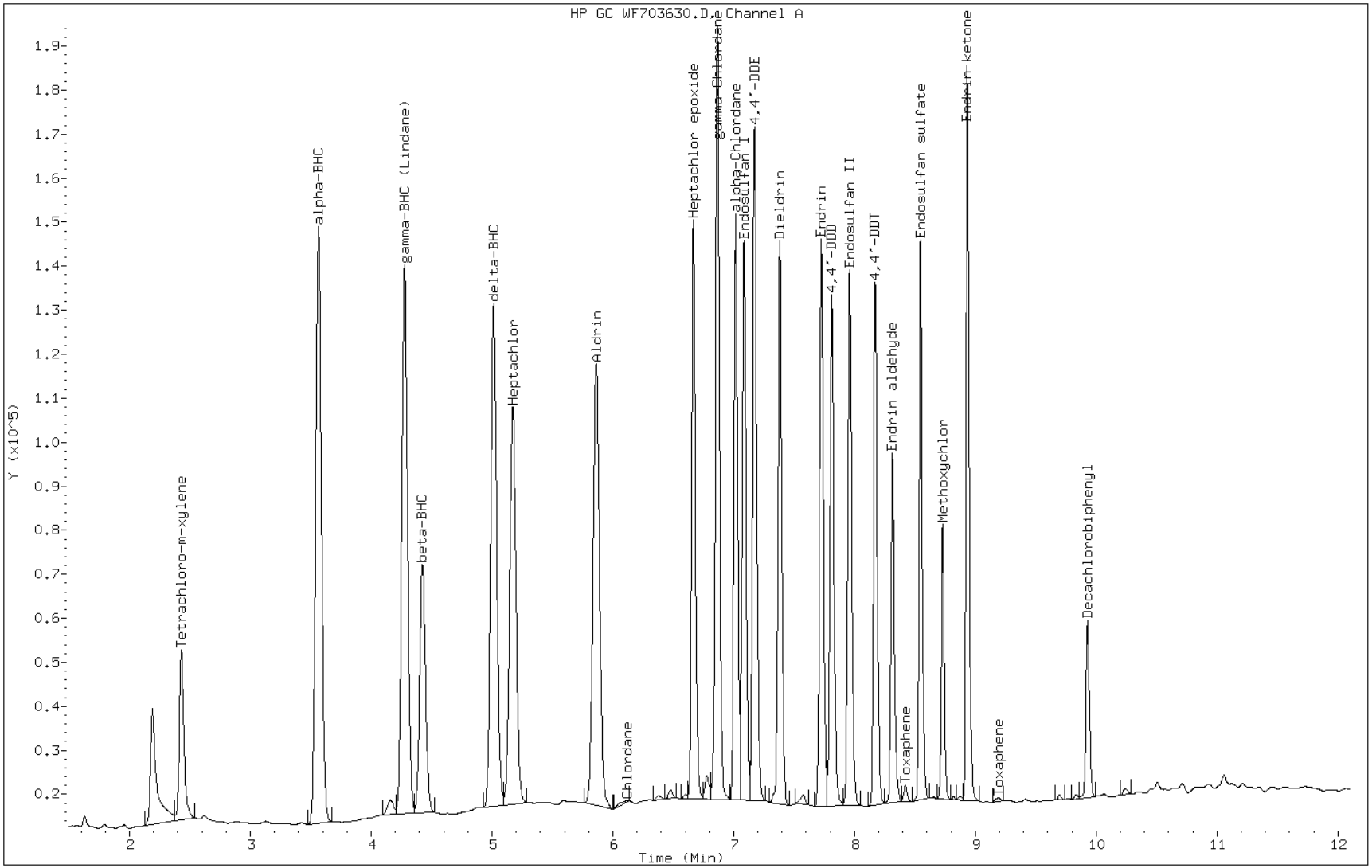
T - Target compound detected outside RT window.

Data File: WF703630.D

Date: 02-JUL-2012 10:05

Client ID: Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-H Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: WR703630.D

Analysis Method: 8081A | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 16:02

Sample wt/vol: 15.00(g) | Date Analyzed: 07/02/2012 10:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118612 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	239		17	3.7
319-84-6	alpha-BHC	260		17	3.1
319-85-7	beta-BHC	246		17	2.3
319-86-8	delta-BHC	250		17	2.6
58-89-9	gamma-BHC (Lindane)	256		17	2.0
57-74-9	Chlordane	37	U	170	37
72-54-8	*4,4'-DDD*	*253*		*17*	*2.0*
72-55-9	*4,4'-DDE*	*265*		*17*	*3.3*
50-29-3	*4,4'-DDT*	*218*		*17*	*2.1*
60-57-1	*Dieldrin*	*209*		*17*	*3.3*
959-98-8	*Endosulfan I*	*233*		*17*	*3.6*
33213-65-9	*Endosulfan II*	*220*		*17*	*2.5*
1031-07-8	*Endosulfan sulfate*	*234*		*17*	*2.2*
72-20-8	*Endrin*	*233*		*17*	*2.4*
7421-93-4	*Endrin aldehyde*	*185*		*17*	*4.2*
53494-70-5	*Endrin ketone*	*258*		*17*	*2.5*
76-44-8	Heptachlor	229		17	2.4
1024-57-3	Heptachlor epoxide	250		17	3.4
72-43-5	*Methoxychlor*	*225*		*17*	*1.9*
8001-35-2	Toxaphene	35	U	170	35

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-150
2051-24-3	DCB Decachlorobiphenyl	90		53-150

Data File: WR703630.D
Report Date: 05-Jul-2012 08:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/WR703630.D
Lab Smp Id: 460-41730-E-17-H
Inj Date : 02-JUL-2012 10:05
Operator : Inst ID: PESTGC4.i
Smp Info : 460-41730-E-17-H
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b/08Wr8081.m
Meth Date : 03-Jul-2012 08:20 ferdie Quant Type: ESTD
Cal Date : 02-JUL-2012 07:23 Cal File: WR703623.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.990	1.990	0.000	83959	41.0899	27	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.583	2.587	-0.004	437403	154.595	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.123	3.127	-0.004	410833	152.021	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.280	3.287	-0.007	177530	146.601	98	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.607	3.613	-0.006	345286	148.749	99	80.00- 120.00	100.00

Data File: WR703630.D
Report Date: 05-Jul-2012 08:27

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.000	4.007	-0.007	287523	136.366	91	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.560	4.567	-0.007	381239	142.094	95	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
5.717	5.723	-0.006	357611	148.464	99	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.967	5.973	-0.006	353597	140.554	94	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.180	6.183	-0.003	311582	132.508	88	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.277	6.283	-0.006	259038	157.529	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.360	6.363	-0.003	303475	138.431	92	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.623	6.627	-0.004	255697	124.166	83	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.857	6.860	-0.003	241667	138.434	92	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.910	6.913	-0.003	201754	150.380	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.077	7.080	-0.003	261016	130.575	87	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.190	7.197	-0.007	192703	129.722	86	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.503	7.510	-0.007	175670	109.823	73	80.00- 120.00	100.00(R)
19 Methoxychlor					CAS #: 72-43-5		
7.697	7.703	-0.006	84319	133.684	89	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.970	7.973	-0.003	239899	139.034	93	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.267	8.270	-0.003	275670	153.590	100	80.00- 120.00	100.00

Data File: WR703630.D
Report Date: 05-Jul-2012 08:27

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.010	9.013	-0.003	71094	45.1612	30	80.00- 120.00	100.00

QC Flag Legend

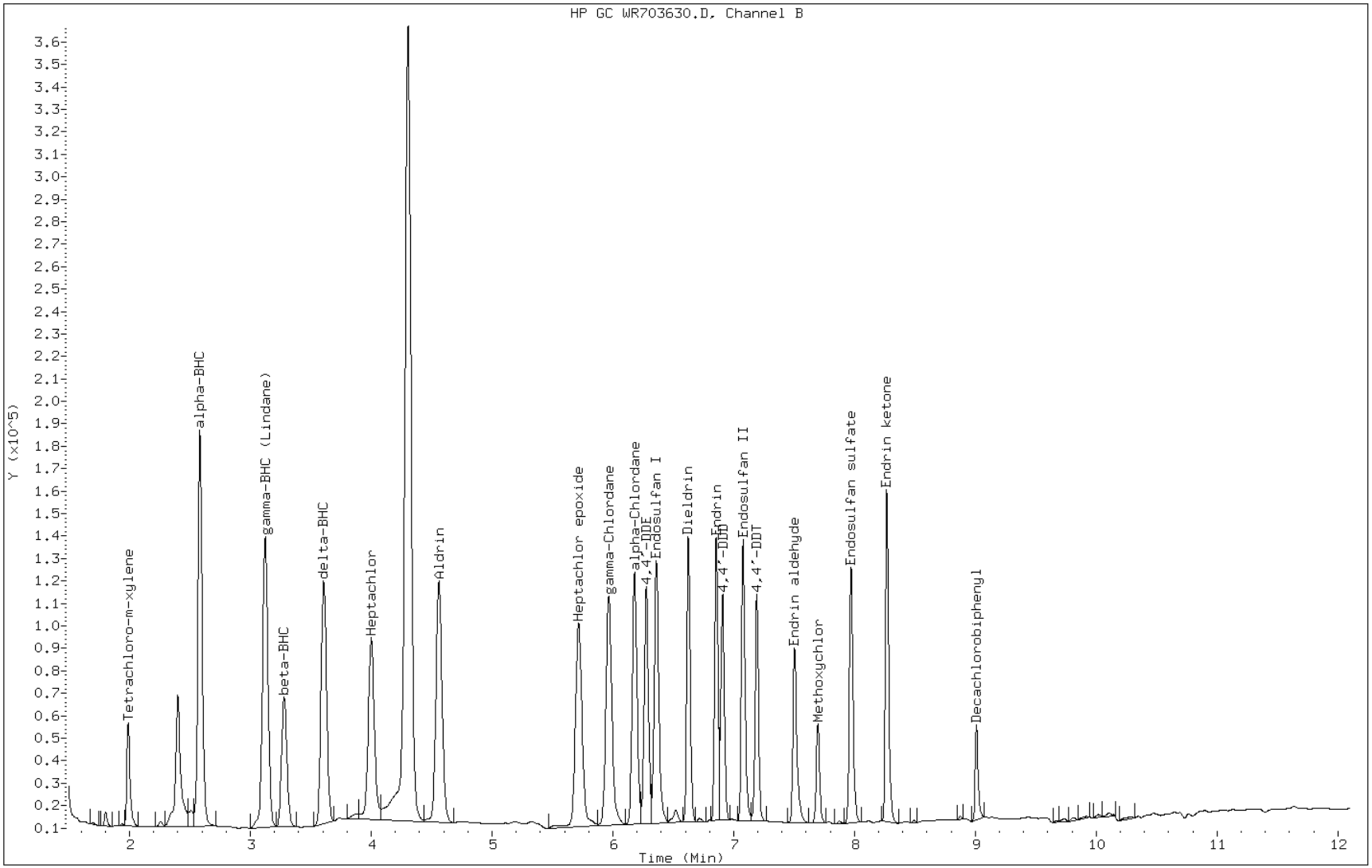
R - Spike/Surrogate failed recovery limits.

Data File: WR703630.D

Date: 02-JUL-2012 10:05

Client ID: Instrument: PESTGC4.i

Sample Info: 460-41730-E-17-H Operator:



PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/29/2012 05:22

Analysis Batch Number: 117973 End Date: 06/29/2012 07:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-117973/1		06/29/2012 05:22	1		CLP-2 0.53(mm)
RESC 460-117973/1		06/29/2012 05:22	1		CLP-1 0.53(mm)
PIBLK 460-117973/2		06/29/2012 05:36	1		CLP-2 0.53(mm)
PIBLK 460-117973/2		06/29/2012 05:36	1		CLP-1 0.53(mm)
PEM 460-117973/3		06/29/2012 05:50	1		CLP-2 0.53(mm)
PEM 460-117973/3		06/29/2012 05:50	1		CLP-1 0.53(mm)
IC 460-117973/4		06/29/2012 06:04	1	xf135560.d	CLP-2 0.53(mm)
IC 460-117973/4		06/29/2012 06:04	1	xr135560.d	CLP-1 0.53(mm)
IC 460-117973/5		06/29/2012 06:18	1	xf135561.d	CLP-2 0.53(mm)
IC 460-117973/5		06/29/2012 06:18	1	xr135561.d	CLP-1 0.53(mm)
IC 460-117973/6		06/29/2012 06:31	1	xf135562.d	CLP-2 0.53(mm)
IC 460-117973/6		06/29/2012 06:31	1	xr135562.d	CLP-1 0.53(mm)
IC 460-117973/7		06/29/2012 06:45	1	xf135563.d	CLP-2 0.53(mm)
IC 460-117973/7		06/29/2012 06:45	1	xr135563.d	CLP-1 0.53(mm)
IC 460-117973/8		06/29/2012 06:59	1	xf135564.d	CLP-2 0.53(mm)
IC 460-117973/8		06/29/2012 06:59	1	xr135564.d	CLP-1 0.53(mm)
IC 460-117973/9		06/29/2012 07:13	1	xf135565.d	CLP-2 0.53(mm)
IC 460-117973/9		06/29/2012 07:13	1	xr135565.d	CLP-1 0.53(mm)
IC 460-117973/10		06/29/2012 07:27	1	xf135566.d	CLP-2 0.53(mm)
IC 460-117973/10		06/29/2012 07:27	1	xr135566.d	CLP-1 0.53(mm)
ICV 460-117973/11		06/29/2012 07:40	1		CLP-2 0.53(mm)
ICV 460-117973/11		06/29/2012 07:40	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 07/03/2012 08:28

Analysis Batch Number: 118507 End Date: 07/03/2012 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-118507/1		07/03/2012 08:28	1	xf135701.d	CLP-2 0.53(mm)
CCVRT 460-118507/1		07/03/2012 08:28	1	xr135701.d	CLP-1 0.53(mm)
PEM 460-118507/2		07/03/2012 08:42	1	xf135702.d	CLP-2 0.53(mm)
PEM 460-118507/2		07/03/2012 08:42	1	xr135702.d	CLP-1 0.53(mm)
460-41730-5 MS	SF-29 MS	07/03/2012 08:56	1	xf135703.d	CLP-2 0.53(mm)
460-41730-5 MS	SF-29 MS	07/03/2012 08:56	1	xr135703.d	CLP-1 0.53(mm)
460-41730-5 MSD	SF-29 MSD	07/03/2012 09:10	1	xf135704.d	CLP-2 0.53(mm)
460-41730-5 MSD	SF-29 MSD	07/03/2012 09:10	1	xr135704.d	CLP-1 0.53(mm)
ZZZZZ		07/03/2012 09:23	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 09:23	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 09:37	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 09:37	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 09:51	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 09:51	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 10:05	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 10:05	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 10:18	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 10:18	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 10:32	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 10:32	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 10:46	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 10:46	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 11:00	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 11:00	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 11:13	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 11:13	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 11:27	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 11:27	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 11:41	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 11:41	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 11:55	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 11:55	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 12:08	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 12:08	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 12:22	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 12:22	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 12:36	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 12:36	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 12:50	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 12:50	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 13:04	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 13:04	1		CLP-1 0.53(mm)
ZZZZZ		07/03/2012 13:17	1		CLP-2 0.53(mm)
ZZZZZ		07/03/2012 13:17	1		CLP-1 0.53(mm)
CCV 460-118507/23		07/03/2012 13:31	1	xf135723.d	CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 07/03/2012 08:28

Analysis Batch Number: 118507 End Date: 07/03/2012 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-118507/23		07/03/2012 13:31	1	xr135723.d	CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 07/02/2012 11:17

Analysis Batch Number: 118973 End Date: 07/02/2012 17:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-118973/1		07/02/2012 11:17	1	xf135635.d	CLP-2 0.53(mm)
CCVRT 460-118973/1		07/02/2012 11:17	1	xr135635.d	CLP-1 0.53(mm)
PEM 460-118973/2		07/02/2012 11:31	1	xf135636.d	CLP-2 0.53(mm)
PEM 460-118973/2		07/02/2012 11:31	1	xr135636.d	CLP-1 0.53(mm)
LCS 460-118074/2-A		07/02/2012 11:47	1	xf135637.d	CLP-2 0.53(mm)
LCS 460-118074/2-A		07/02/2012 11:47	1	xr135637.d	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:01	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:01	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:15	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:15	1		CLP-1 0.53(mm)
460-41730-1	SL-10	07/02/2012 12:28	1	xf135640.d	CLP-2 0.53(mm)
460-41730-1	SL-10	07/02/2012 12:28	1	xr135640.d	CLP-1 0.53(mm)
460-41730-2	SF-26	07/02/2012 12:42	1	xf135641.d	CLP-2 0.53(mm)
460-41730-2	SF-26	07/02/2012 12:42	1	xr135641.d	CLP-1 0.53(mm)
460-41730-3	SF-27	07/02/2012 12:56	1	xf135642.d	CLP-2 0.53(mm)
460-41730-3	SF-27	07/02/2012 12:56	1	xr135642.d	CLP-1 0.53(mm)
460-41730-4	SF-28	07/02/2012 13:10	1	xf135643.d	CLP-2 0.53(mm)
460-41730-4	SF-28	07/02/2012 13:10	1	xr135643.d	CLP-1 0.53(mm)
460-41730-5	SF-29	07/02/2012 13:23	1	xf135644.d	CLP-2 0.53(mm)
460-41730-5	SF-29	07/02/2012 13:23	1	xr135644.d	CLP-1 0.53(mm)
460-41730-6	SF-30	07/02/2012 13:37	1	xf135645.d	CLP-2 0.53(mm)
460-41730-6	SF-30	07/02/2012 13:37	1	xr135645.d	CLP-1 0.53(mm)
460-41730-7	SF-31	07/02/2012 13:51	1	xf135646.d	CLP-2 0.53(mm)
460-41730-7	SF-31	07/02/2012 13:51	1	xr135646.d	CLP-1 0.53(mm)
460-41730-8	SF-32	07/02/2012 14:05	1	xf135647.d	CLP-2 0.53(mm)
460-41730-8	SF-32	07/02/2012 14:05	1	xr135647.d	CLP-1 0.53(mm)
460-41730-9	SF-33	07/02/2012 14:19	1	xf135648.d	CLP-2 0.53(mm)
460-41730-9	SF-33	07/02/2012 14:19	1	xr135648.d	CLP-1 0.53(mm)
460-41730-10	FD-H	07/02/2012 14:32	1	xf135649.d	CLP-2 0.53(mm)
460-41730-10	FD-H	07/02/2012 14:32	1	xr135649.d	CLP-1 0.53(mm)
460-41730-11	F-17	07/02/2012 14:46	1	xf135650.d	CLP-2 0.53(mm)
460-41730-11	F-17	07/02/2012 14:46	1	xr135650.d	CLP-1 0.53(mm)
460-41730-12	F-18	07/02/2012 15:00	1	xf135651.d	CLP-2 0.53(mm)
460-41730-12	F-18	07/02/2012 15:00	1	xr135651.d	CLP-1 0.53(mm)
460-41730-13	F-19	07/02/2012 15:14	1	xf135652.d	CLP-2 0.53(mm)
460-41730-13	F-19	07/02/2012 15:14	1	xr135652.d	CLP-1 0.53(mm)
460-41730-14	F-20	07/02/2012 15:28	1	xf135653.d	CLP-2 0.53(mm)
460-41730-14	F-20	07/02/2012 15:28	1	xr135653.d	CLP-1 0.53(mm)
460-41730-15	F-21	07/02/2012 15:41	1	xf135654.d	CLP-2 0.53(mm)
460-41730-15	F-21	07/02/2012 15:41	1	xr135654.d	CLP-1 0.53(mm)
460-41730-16	F-22	07/02/2012 15:55	1	xf135655.d	CLP-2 0.53(mm)
460-41730-16	F-22	07/02/2012 15:55	1	xr135655.d	CLP-1 0.53(mm)
460-41730-18	F-24	07/02/2012 16:09	1	xf135656.d	CLP-2 0.53(mm)
460-41730-18	F-24	07/02/2012 16:09	1	xr135656.d	CLP-1 0.53(mm)
460-41730-20	F-26	07/02/2012 16:23	1	xf135657.d	CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 07/02/2012 11:17

Analysis Batch Number: 118973 End Date: 07/02/2012 17:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-41730-20	F-26	07/02/2012 16:23	1	xr135657.d	CLP-1 0.53(mm)
460-41730-21	F-27	07/02/2012 16:37	1	xf135658.d	CLP-2 0.53(mm)
460-41730-21	F-27	07/02/2012 16:37	1	xr135658.d	CLP-1 0.53(mm)
460-41730-22	F-28	07/02/2012 16:50	1	xf135659.d	CLP-2 0.53(mm)
460-41730-22	F-28	07/02/2012 16:50	1	xr135659.d	CLP-1 0.53(mm)
MB 460-118074/1-A		07/02/2012 17:04	1	xf135660.d	CLP-2 0.53(mm)
MB 460-118074/1-A		07/02/2012 17:04	1	xr135660.d	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 17:18	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 17:18	1		CLP-1 0.53(mm)
CCV 460-118973/28		07/02/2012 17:32	1	xf135662.d	CLP-2 0.53(mm)
CCV 460-118973/28		07/02/2012 17:32	1	xr135662.d	CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 07/02/2012 05:18

Analysis Batch Number: 118596 End Date: 07/02/2012 07:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/02/2012 05:18	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:18	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 05:32	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:32	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 05:46	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:46	1		CLP-1 0.53(mm)
IC 460-118596/4		07/02/2012 06:00	1	WF703617.D	CLP-2 0.53(mm)
IC 460-118596/4		07/02/2012 06:00	1	WR703617.D	CLP-1 0.53(mm)
IC 460-118596/5		07/02/2012 06:14	1	WF703618.D	CLP-2 0.53(mm)
IC 460-118596/5		07/02/2012 06:14	1	WR703618.D	CLP-1 0.53(mm)
IC 460-118596/6		07/02/2012 06:28	1	WF703619.D	CLP-2 0.53(mm)
IC 460-118596/6		07/02/2012 06:28	1	WR703619.D	CLP-1 0.53(mm)
IC 460-118596/7		07/02/2012 06:42	1	WF703620.D	CLP-2 0.53(mm)
IC 460-118596/7		07/02/2012 06:42	1	WR703620.D	CLP-1 0.53(mm)
IC 460-118596/8		07/02/2012 06:55	1	WF703621.D	CLP-2 0.53(mm)
IC 460-118596/8		07/02/2012 06:55	1	WR703621.D	CLP-1 0.53(mm)
IC 460-118596/9		07/02/2012 07:09	1	WF703622.D	CLP-2 0.53(mm)
IC 460-118596/9		07/02/2012 07:09	1	WR703622.D	CLP-1 0.53(mm)
IC 460-118596/10		07/02/2012 07:23	1	WF703623.D	CLP-2 0.53(mm)
IC 460-118596/10		07/02/2012 07:23	1	WR703623.D	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 07:37	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:37	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 07/02/2012 07:51

Analysis Batch Number: 118612 End Date: 07/02/2012 15:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/02/2012 07:51	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:51	1		CLP-1 0.53(mm)
CCVRT 460-118612/2		07/02/2012 09:10	1	WF703626.D	CLP-2 0.53(mm)
CCVRT 460-118612/2		07/02/2012 09:10	1	WR703626.D	CLP-1 0.53(mm)
PEM 460-118612/3		07/02/2012 09:23	1	WF703627.D	CLP-2 0.53(mm)
PEM 460-118612/3		07/02/2012 09:23	1	WR703627.D	CLP-1 0.53(mm)
LCS 460-118077/2-A		07/02/2012 09:38	1	WF703628.D	CLP-2 0.53(mm)
LCS 460-118077/2-A		07/02/2012 09:38	1	WR703628.D	CLP-1 0.53(mm)
460-41730-17 MS	F-23 MS	07/02/2012 09:51	1	WF703629.D	CLP-2 0.53(mm)
460-41730-17 MS	F-23 MS	07/02/2012 09:51	1	WR703629.D	CLP-1 0.53(mm)
460-41730-17 MSD	F-23 MSD	07/02/2012 10:05	1	WF703630.D	CLP-2 0.53(mm)
460-41730-17 MSD	F-23 MSD	07/02/2012 10:05	1	WR703630.D	CLP-1 0.53(mm)
460-41730-17	F-23	07/02/2012 10:19	1	WF703631.D	CLP-2 0.53(mm)
460-41730-17	F-23	07/02/2012 10:19	1	WR703631.D	CLP-1 0.53(mm)
460-41730-23	FD-J	07/02/2012 10:33	1	WF703632.D	CLP-2 0.53(mm)
460-41730-23	FD-J	07/02/2012 10:33	1	WR703632.D	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 10:47	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 10:47	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 11:01	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 11:01	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 11:15	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 11:15	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 11:28	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 11:28	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 11:42	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 11:42	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 11:56	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 11:56	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:10	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:10	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:24	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:24	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:38	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:38	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 12:52	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 12:52	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 13:06	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 13:06	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 13:20	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 13:20	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 13:34	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 13:34	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 13:48	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 13:48	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 14:01	1		CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 07/02/2012 07:51

Analysis Batch Number: 118612 End Date: 07/02/2012 15:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/02/2012 14:01	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 14:15	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 14:15	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 14:29	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 14:29	1		CLP-1 0.53(mm)
MB 460-118077/1-A		07/02/2012 14:43	1	WF703650.D	CLP-2 0.53(mm)
MB 460-118077/1-A		07/02/2012 14:43	1	WR703650.D	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 14:57	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 14:57	1		CLP-1 0.53(mm)
CCV 460-118612/28		07/02/2012 15:11	1	WF703652.D	CLP-2 0.53(mm)
CCV 460-118612/28		07/02/2012 15:11	1	WR703652.D	CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-29-12aical/29jun12a.b

Date Generated: 06/29/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											117973
06/29/12 0522	xr135557	1	SGRESC_00012	29jun12a	NA	15	10	1	SAMPLE	NA	↓
06/29/12 0536	xr135558	2	SGPIBLK_00012	29jun12a		15	10	1	SAMPLE		↓
06/29/12 0550	xr135559	3	SGDDT/EI_00018	29jun12a		15	10	1	SAMPLE		↓
06/29/12 0604	xr135560	4	SGPESTL3_00013	NA		0	0	1	CALIB_3		↓
06/29/12 0618	xr135561	5	SGPESTL1_00015			0	0	1	CALIB_1		↓
06/29/12 0631	xr135562	6	SGPESTL2_00012			0	0	1	CALIB_2		↓
06/29/12 0645	xr135563	7	SGPESTL4_00012			0	0	1	CALIB_4		↓
06/29/12 0659	xr135564	8	SGPESTL5_00012			0	0	1	CALIB_5		↓
06/29/12 0713	xr135565	9	SGCHORL3_00010			0	0	1	CALIB_3		↓
06/29/12 0727	xr135566	10	SGTOXL3_00013			0	0	1	CALIB_3		↓
06/29/12 0740	xr135567	11	SGPTICV_00017			1	1	1	BS		↓

Signed: _____ Read and Understood by: _____

Date: 06/29/12 Date: 6/29

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b

Date Generated: 07/03/2012

118507 CMJ 07/03/12

~~118498~~

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/03/12 0828	xr135701		SGPESTL3_00013			0	0	1	CCALIB_3		G
07/03/12 0842	xr135702		SGDDT/EI_00018					1	END/DDT		G
07/03/12 0856	xr135703		460-41730-E-5-G MS	03jul12b		15	10	1	SAMPLE		
07/03/12 0910	xr135704		460-41730-E-5-H MSD	03jul12b		15	10	1	SAMPLE		
07/03/12 0923	xr135705		LCS 460-118305/2-A	03jul12b		15	10	1	LCS		G
07/03/12 0937	xr135706		460-41866-E-1-B MS	03jul12b		15	10	1	SAMPLE		} failed LCS 118305 - G
07/03/12 0951	xr135707		460-41866-E-1-C MSD	03jul12b		15	10	1	SAMPLE		
07/03/12 1005	xr135708		460-41866-E-1-D	460-118305	07/02/12	15	10	1	SAMPLE		G
07/03/12 1018	xr135709		460-41866-A-2-B	460-118305	07/02/12	15.0	10	1	SAMPLE		G
07/03/12 1032	xr135710		460-41866-A-3-B	460-118305	07/02/12	15.0	10	1	SAMPLE		G
07/03/12 1046	xr135711		460-41866-E-4-B	460-118305	07/02/12	15	10	1	SAMPLE		G
07/03/12 1100	xr135712		460-41866-E-5-B	460-118305	07/02/12	15	10	1	SAMPLE		G
07/03/12 1113	xr135713		LCS 460-118213/2-A	03jul12b		15	10	1	LCS		G
07/03/12 1127	xr135714		LCSD 460-118213/3-A	03jul12b		1000	5	1	LCSD		G

07/12/2012

CMJ 07/05/12

7/5/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jul12/07-03-12/03jul12b.b

Date Generated: 07/03/2012

18507 CMJ 07/03/12

~~18498~~

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/03/12 1141	xr135715		460-41848-C-23-B	460-118213	07/02/12	990	5	1	SAMPLE		G
07/03/12 1155	xr135716		460-41875-H-1-B	460-118213	07/02/12	1000	5	1	SAMPLE		G
07/03/12 1208	xr135717		460-41875-H-2-B	460-118213	07/02/12	1000	5	1	SAMPLE		G
07/03/12 1222	xr135718		460-41875-G-3-B	460-118213	07/02/12	1000	5	1	SAMPLE		G
07/03/12 1236	xr135719		460-41875-I-4-B	460-118213	07/02/12	1000	5	1	SAMPLE		G
07/03/12 1250	xr135720		MB 460-118213/1-A	03jul12b		1000	5	1	BLANK		G
07/03/12 1304	xr135721		MB 460-118305/1-A	03jul12b		15	10	1	BLANK		G
07/03/12 1317	xr135722		SGPIBLK_00013	03jul12b		15	10	1	INSTBLANK		a
07/03/12 1331	xr135723		CCV SGPESTL3_00013	03jul12b		15	10	1	SAMPLE		Heptachlor & methoxychlor high F G DDD high R

cancel

Signed: CMJ Read and Understood by: [signature]

Date: 07/05/12 Date: 7/5/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12a.b

Date Generated: 07/05/2012

Page 1

Tals Batch 118596

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 0518	WR703614		SGRESC_00012	02jul12a		15	10	1	SAMPLE		
07/02/12 0532	WR703615		SGPIBLK_00013	02jul12a		15	10	1	SAMPLE		
07/02/12 0546	WR703616		SGDDT/Ei_00018	02jul12a		15	10	1	SAMPLE		
07/02/12 0600	WR703617		SGPESTL3_00013			0	0	1	CALIB_3		Pestmix Front icalid # 16285
07/02/12 0614	WR703618		SGPESTL1_00015			0	0	1	CALIB_1		Rear #16286
07/02/12 0628	WR703619		SGPESTL2_00012			0	0	1	CALIB_2		
07/02/12 0642	WR703620		SGPESTL4_00012			0	0	1	CALIB_4		
07/02/12 0655	WR703621		SGPESTL5_00012			0	0	1	CALIB_5		
07/02/12 0709	WR703622		SGCHLOL3_00010			0	0	1	CALIB_3		
07/02/12 0723	WR703623		SGTOXL3_00013			0	0	1	CALIB_3		
07/02/12 0737	WR703624		SGPTICV_00018			1	1	1	BS		

Signed: Patricia Selby Read and Understood by: [signature]

Date: 7/5/12 Date: 7/5/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b

Date Generated: 07/05/2012

Tabs Baten 118612

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 0751	WR703625		SGPIBLK_00013	02jul12b		15	10	1	SAMPLE		g
07/02/12 0910	WR703626		SGPESTL3_00013			0	0	1	CCALIB_3		g
07/02/12 0923	WR703627		SGDDT/Ei_00018	02jul12b		15	10	1	SAMPLE		g
07/02/12 0938	WR703628		LCS 460-118077/2-A			15	10	1	BS		g
07/02/12 0951	WR703629		460-41730-E-17-G MS	02jul12b		15	10	1	MS		g Rear DDE↓
07/02/12 1005	WR703630		460-41730-E-17-H MSD	02jul12b		15	10	1	MSD		g Rear DDE↓ Front DDE↓
07/02/12 1019	WR703631		460-41730-E-17-I	460-118077	06/29/12	15.1	10	1	SAMPLE		DDX, dieldrin, methoxychlor, E. Ketone
07/02/12 1033	WR703632		460-41730-E-23-D	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1047	WR703633		460-41793-E-1-B	460-118077	06/29/12	15	10	1	SAMPLE		gamma chld, endrin ketone Heptachlor epoxide, DDX, dieldrin,
07/02/12 1101	WR703634		460-41793-A-5-E	460-118077	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 1115	WR703635		460-41793-E-9-B	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1128	WR703636		460-41740-A-14-F	460-118077	06/29/12	15.0	10	1	SAMPLE		DDX, dieldrin, endosulfan II, endrin Ketone
07/02/12 1142	WR703637		460-41740-A-15-F	460-118077	06/29/12	15.0	10	1	SAMPLE		DDX
07/02/12 1156	WR703638		460-41733-A-1-C	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd

07/12/2012

CMS 7/5/12

7/5/12

TESTAMERICA

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Jul12/07-02-12aical/02jul12b.b

Date Generated: 07/05/2012

Tals Batch 118612

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 1210	WR703639		460-41737-A-1-B	460-118077	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 1224	WR703640		460-41737-A-2-B	460-118077	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 1238	WR703641		460-41737-A-3-B	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1252	WR703642		460-41737-A-4-B	460-118077	06/29/12	15.1	10	1	SAMPLE		g nd
07/02/12 1306	WR703643		460-41754-F-1-D	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1320	WR703644		460-41754-B-3-B	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1334	WR703645		460-41754-G-5-B	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1348	WR703646		460-41764-F-1-C	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1401	WR703647		460-41779-E-1-C	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1415	WR703648		450-5150-G-1-C	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1429	WR703649		450-5150-G-2-C	460-118077	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 1443	WR703650		MB 460-118077/1-A	02jul12b		15	10	1	SAMPLE		g
07/02/12 1457	WR703651		SGPIBLK_00013	02jul12b		15	10	1	SAMPLE		g
07/02/12 1511	WR703652		SGPESTL3_00013			0	0	1	CCALIB_3		ng - failures confirmed in 2nd analysis

07/12/2012

Signed: Calista Selby 7/5/12 Read and Understood by: 7/5

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b

Date Generated: 07/03/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											118973
07/02/12 1117	xr135635	26	SGPESTL3_00013	NA	NA	0	0	1	CCALIB_3	NA	G
07/02/12 1131	xr135636	27	SGDDT/EI_00018	02jul12b		15	10	1	SAMPLE		G
07/02/12 1147	xr135637	28	LCS 460-118074/2-A	NA		15	10	1	BS		G
07/02/12 1201	xr135638	29	460-41730-E-5-G	02jul12b		15	10	1	MS		Rerun
07/02/12 1215	xr135639	30	460-41730-E-5-H	02jul12b		15	10	1	MSD		Rerun
07/02/12 1228	xr135640	31	460-41730-E-1-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1242	xr135641	32	460-41730-E-2-D	460-118074	06/29/12	15.1	10	1	SAMPLE		G
07/02/12 1256	xr135642	33	460-41730-E-3-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1310	xr135643	34	460-41730-E-4-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1323	xr135644	35	460-41730-E-5-I	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1337	xr135645	36	460-41730-E-6-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1351	xr135646	37	460-41730-E-7-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1405	xr135647	38	460-41730-E-8-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1419	xr135648	39	460-41730-E-9-D	460-118074	06/29/12	15	10	1	SAMPLE		G

07/03/12

7/9/12

07/12/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jul12/07-02-12/02jul12b.b

Date Generated: 07/03/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 1432	xr135649	40	460-41730-E-10-D	460-118074	06/29/12	15	10	1	SAMPLE	M	G
07/02/12 1446	xr135650	41	460-41730-E-11-D	460-118074	06/29/12	15	10	1	SAMPLE		G
07/02/12 1500	xr135651	42	460-41730-E-12-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1514	xr135652	43	460-41730-E-13-D	460-118074	06/29/12	15.1	10	1	SAMPLE		G
07/02/12 1528	xr135653	44	460-41730-E-14-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1541	xr135654	45	460-41730-E-15-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1555	xr135655	46	460-41730-E-16-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1609	xr135656	47	460-41730-E-18-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1623	xr135657	48	460-41730-E-20-D	460-118074	06/29/12	15.0	10	1	SAMPLE		G
07/02/12 1637	xr135658	49	460-41730-E-21-C	460-118074	06/29/12	15.1	10	1	SAMPLE		G
07/02/12 1650	xr135659	50	460-41730-E-22-D	460-118074	06/29/12	15	10	1	SAMPLE		G
07/02/12 1704	xr135660	51	MB 460-118074/1-	02jul12b	M	15	10	1	SAMPLE		G
07/02/12 1718	xr135661	52	SGPIBLK_00012	02jul12b		15	10	1	SAMPLE		G
07/02/12 1732	xr135662	53	SGPESTL3_00013	M		0	0	1	CCALIB_3		G

Page 2037 of 3072 07/12/2012

Signed: 07/02/12 Read and Understood by: 7/9/12

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118074 Batch Start Date: 06/29/12 15:51 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-118074/1		3541, 8081A		15.00 g	10 mL	1		50 uL	
LCS 460-118074/2		3541, 8081A		15.00 g	10 mL	2	100 uL	50 uL	
460-41730-E-5 MS	SF-29	3541, 8081A	T	15.02 g	10 mL	3	100 uL	50 uL	
460-41730-E-5 MSD	SF-29	3541, 8081A	T	15.00 g	10 mL	4	100 uL	50 uL	
460-41730-E-1	SL-10	3541, 8081A	T	15.01 g	10 mL	5		50 uL	
460-41730-E-2	SF-26	3541, 8081A	T	15.05 g	10 mL	6		50 uL	
460-41730-E-3	SF-27	3541, 8081A	T	15.03 g	10 mL	67		50 uL	
460-41730-E-4	SF-28	3541, 8081A	T	15.04 g	10 mL	68		50 uL	
460-41730-E-5	SF-29	3541, 8081A	T	15.02 g	10 mL	69		50 uL	
460-41730-E-6	SF-30	3541, 8081A	T	15.01 g	10 mL	70		50 uL	
460-41730-E-7	SF-31	3541, 8081A	T	15.03 g	10 mL	71		50 uL	
460-41730-E-8	SF-32	3541, 8081A	T	15.02 g	10 mL	72		50 uL	
460-41730-E-9	SF-33	3541, 8081A	T	15.00 g	10 mL	73		50 uL	
460-41730-E-10	FD-H	3541, 8081A	T	15.00 g	10 mL	74		50 uL	
460-41730-E-11	F-17	3541, 8081A	T	15.00 g	10 mL	75		50 uL	
460-41730-E-12	F-18	3541, 8081A	T	15.01 g	10 mL	76		50 uL	
460-41730-E-13	F-19	3541, 8081A	T	15.05 g	10 mL	77		50 uL	
460-41730-E-14	F-20	3541, 8081A	T	15.03 g	10 mL	78		50 uL	
460-41730-E-15	F-21	3541, 8081A	T	15.04 g	10 mL	79		50 uL	
460-41730-E-16	F-22	3541, 8081A	T	15.02 g	10 mL	80		50 uL	
460-41730-E-18	F-24	3541, 8081A	T	15.03 g	10 mL	81		50 uL	
460-41730-E-20	F-26	3541, 8081A	T	15.01 g	10 mL	82		50 uL	
460-41730-E-21	F-27	3541, 8081A	T	15.05 g	10 mL	83		50 uL	
460-41730-E-22	F-28	3541, 8081A	T	15.00 g	10 mL	84		50 uL	

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118074 Batch Start Date: 06/29/12 15:51 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Florisil Lot #	s213-39
Vendor lot number	k28e27
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:51pm

Basis	Basis Description
T	Total/NA

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118077 Batch Start Date: 06/29/12 16:02 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-118077/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-118077/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-41730-E-17 MS	F-23	3541, 8081A	T	15.01 g	10 mL	75	100 uL	50 uL	
460-41730-E-17 MSD	F-23	3541, 8081A	T	15.00 g	10 mL	76	100 uL	50 uL	
460-41730-E-17	F-23	3541, 8081A	T	15.05 g	10 mL	78		50 uL	
460-41730-E-23	FD-J	3541, 8081A	T	15.01 g	10 mL	79		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Florisil Lot #	s213-39
Vendor lot number	k28e27
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	4:02pm

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
SL-10	460-41730-1	81	81
SF-26	460-41730-2	81	77
SF-27	460-41730-3	72	69
SF-28	460-41730-4	55	52
SF-29	460-41730-5	45	45
SF-30	460-41730-6	72	69
SF-31	460-41730-7	82	79
SF-32	460-41730-8	75	72
SF-33	460-41730-9	77	75
FD-H	460-41730-10	71	68
F-17	460-41730-11	86	83
F-18	460-41730-12	93	90
F-19	460-41730-13	59	60
F-20	460-41730-14	76	92
F-21	460-41730-15	52	54
F-22	460-41730-16	61	61
F-23	460-41730-17	65	82
F-24	460-41730-18	89	86
F-26	460-41730-20	97	94
F-27	460-41730-21	101	98
F-28	460-41730-22	57	56
FD-J	460-41730-23	67	72
	MB 460-118068/1-A	94	95
	MB 460-118069/1-A	111	103
	LCS 460-118068/2-A	83	83
	LCS 460-118069/2-A	123	113
SF-29 MS	460-41730-5 MS	52	50
F-23 MS	460-41730-17 MS	29 X	31
SF-29 MSD	460-41730-5 MSD	57	54
F-23 MSD	460-41730-17 MSD	27 X	31

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475958.d

Lab ID: LCS 460-118068/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	301	90	60-144	
Aroclor 1260	333	309	93	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475958.d

Lab ID: LCS 460-118068/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	313	94	60-144	
Aroclor 1260	333	314	94	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475989.d

Lab ID: LCS 460-118069/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	360	108	60-144	
Aroclor 1260	333	368	110	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475989.d

Lab ID: LCS 460-118069/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	457	137	60-144	
Aroclor 1260	333	358	107	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475959.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	394	15 U	179	45	60-144	F
Aroclor 1260	394	8.8 U	182	46	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475959.d

Lab ID: 460-41730-5 MS Client ID: SF-29 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	394	15 U	178	45	60-144	F
Aroclor 1260	394	8.8 U	183	46	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475990.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	838	32 U	340	41	60-144	F
Aroclor 1260	838	19 U	252	30	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475990.d

Lab ID: 460-41730-17 MS Client ID: F-23 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	838	32 U	321	38	60-144	F
Aroclor 1260	838	19 U	276	33	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475960.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	395	190	48	6	30	60-144	F
Aroclor 1260	395	195	49	7	30	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475960.d

Lab ID: 460-41730-5 MSD Client ID: SF-29 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	395	189	48	6	30	60-144	F
Aroclor 1260	395	196	50	7	30	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475991.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	840	295	35	14	30	60-144	F
Aroclor 1260	840	230	27	9	30	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475991.d

Lab ID: 460-41730-17 MSD Client ID: F-23 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	840	283	34	12	30	60-144	F
Aroclor 1260	840	274	33	1	30	63-143	F

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: MB 460-118068/1-A

Matrix: Solid Date Extracted: 06/29/2012 15:34

Lab File ID:(1) vr475957.d Lab File ID:(2) vf475957.d

Date Analyzed:(1) 07/01/2012 12:25 Date Analyzed:(2) 07/01/2012 12:25

Instrument ID:(1) PESTGC9 Instrument ID:(2) PESTGC9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-118068/2-A	07/01/2012 12:41	07/01/2012 12:41
SF-29 MS	460-41730-5 MS	07/01/2012 12:57	07/01/2012 12:57
SF-29 MSD	460-41730-5 MSD	07/01/2012 13:13	07/01/2012 13:13
SL-10	460-41730-1	07/01/2012 13:29	07/01/2012 13:29
SF-26	460-41730-2	07/01/2012 13:45	07/01/2012 13:45
SF-27	460-41730-3	07/01/2012 14:01	07/01/2012 14:01
SF-28	460-41730-4	07/01/2012 14:17	07/01/2012 14:17
SF-29	460-41730-5	07/01/2012 14:33	07/01/2012 14:33
SF-30	460-41730-6	07/01/2012 14:49	07/01/2012 14:49
SF-31	460-41730-7	07/01/2012 15:05	07/01/2012 15:05
SF-32	460-41730-8	07/01/2012 15:21	07/01/2012 15:21
SF-33	460-41730-9	07/01/2012 15:37	07/01/2012 15:37
FD-H	460-41730-10	07/01/2012 15:53	07/01/2012 15:53
F-17	460-41730-11	07/01/2012 16:09	07/01/2012 16:09
F-18	460-41730-12	07/01/2012 16:25	07/01/2012 16:25
F-19	460-41730-13	07/01/2012 16:41	07/01/2012 16:41
F-20	460-41730-14	07/01/2012 16:57	07/01/2012 16:57
F-21	460-41730-15	07/01/2012 17:12	07/01/2012 17:12
F-22	460-41730-16	07/01/2012 17:29	07/01/2012 17:29
F-24	460-41730-18	07/01/2012 17:44	07/01/2012 17:44
F-27	460-41730-21	07/01/2012 18:00	07/01/2012 18:00
F-26	460-41730-20	07/01/2012 18:16	07/01/2012 18:16
F-28	460-41730-22	07/01/2012 18:32	07/01/2012 18:32

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: MB 460-118069/1-A

Matrix: Solid Date Extracted: 06/29/2012 15:42

Lab File ID:(1) vr475988.d Lab File ID:(2) vf475988.d

Date Analyzed:(1) 07/02/2012 03:55 Date Analyzed:(2) 07/02/2012 03:55

Instrument ID:(1) PESTGC9 Instrument ID:(2) PESTGC9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-118069/2-A	07/02/2012 04:11	07/02/2012 04:11
F-23 MS	460-41730-17 MS	07/02/2012 04:27	07/02/2012 04:27
F-23 MSD	460-41730-17 MSD	07/02/2012 04:43	07/02/2012 04:43
F-23	460-41730-17	07/02/2012 06:03	07/02/2012 06:03
FD-J	460-41730-23	07/02/2012 06:19	07/02/2012 06:19

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118309/2 Date Analyzed: 07/01/2012 12:09

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf475956.d Heated Purge: (Y/N) N

Calibration ID: 16193

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.47		
UPPER LIMIT				11.57		
LOWER LIMIT				11.37		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118309/2		07/01/2012 12:09	vf475956.d	11.47		
MB 460-118068/1-A		07/01/2012 12:25	vf475957.d	11.46		
LCS 460-118068/2-A		07/01/2012 12:41	vf475958.d	11.46		
460-41730-5 MS	SF-29 MS	07/01/2012 12:57	vf475959.d	11.46		
460-41730-5 MSD	SF-29 MSD	07/01/2012 13:13	vf475960.d	11.46		
460-41730-1	SL-10	07/01/2012 13:29	vf475961.d	11.47		
460-41730-2	SF-26	07/01/2012 13:45	vf475962.d	11.46		
460-41730-3	SF-27	07/01/2012 14:01	vf475963.d	11.47		
460-41730-4	SF-28	07/01/2012 14:17	vf475964.d	11.47		
460-41730-5	SF-29	07/01/2012 14:33	vf475965.d	11.46		
460-41730-6	SF-30	07/01/2012 14:49	vf475966.d	11.46		
460-41730-7	SF-31	07/01/2012 15:05	vf475967.d	11.46		
460-41730-8	SF-32	07/01/2012 15:21	vf475968.d	11.46		
460-41730-9	SF-33	07/01/2012 15:37	vf475969.d	11.46		
460-41730-10	FD-H	07/01/2012 15:53	vf475970.d	11.46		
460-41730-11	F-17	07/01/2012 16:09	vf475971.d	11.46		
460-41730-12	F-18	07/01/2012 16:25	vf475972.d	11.46		
460-41730-13	F-19	07/01/2012 16:41	vf475973.d	11.46		
460-41730-14	F-20	07/01/2012 16:57	vf475974.d	11.46		
460-41730-15	F-21	07/01/2012 17:12	vf475975.d	11.46		
460-41730-16	F-22	07/01/2012 17:29	vf475976.d	11.46		
460-41730-18	F-24	07/01/2012 17:44	vf475977.d	11.46		
460-41730-21	F-27	07/01/2012 18:00	vf475978.d	11.46		
460-41730-20	F-26	07/01/2012 18:16	vf475979.d	11.46		
460-41730-22	F-28	07/01/2012 18:32	vf475980.d	11.46		
CCV 460-118309/28		07/01/2012 19:04	vf475982.d	11.46		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118309/2 Date Analyzed: 07/01/2012 12:09

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr475956.d Heated Purge: (Y/N) N

Calibration ID: 16192

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118309/2		07/01/2012 12:09	vr475956.d	10.61		
MB 460-118068/1-A		07/01/2012 12:25	vr475957.d	10.61		
LCS 460-118068/2-A		07/01/2012 12:41	vr475958.d	10.61		
460-41730-5 MS	SF-29 MS	07/01/2012 12:57	vr475959.d	10.61		
460-41730-5 MSD	SF-29 MSD	07/01/2012 13:13	vr475960.d	10.61		
460-41730-1	SL-10	07/01/2012 13:29	vr475961.d	10.61		
460-41730-2	SF-26	07/01/2012 13:45	vr475962.d	10.61		
460-41730-3	SF-27	07/01/2012 14:01	vr475963.d	10.61		
460-41730-4	SF-28	07/01/2012 14:17	vr475964.d	10.61		
460-41730-5	SF-29	07/01/2012 14:33	vr475965.d	10.61		
460-41730-6	SF-30	07/01/2012 14:49	vr475966.d	10.61		
460-41730-7	SF-31	07/01/2012 15:05	vr475967.d	10.61		
460-41730-8	SF-32	07/01/2012 15:21	vr475968.d	10.61		
460-41730-9	SF-33	07/01/2012 15:37	vr475969.d	10.61		
460-41730-10	FD-H	07/01/2012 15:53	vr475970.d	10.61		
460-41730-11	F-17	07/01/2012 16:09	vr475971.d	10.61		
460-41730-12	F-18	07/01/2012 16:25	vr475972.d	10.61		
460-41730-13	F-19	07/01/2012 16:41	vr475973.d	10.61		
460-41730-14	F-20	07/01/2012 16:57	vr475974.d	10.61		
460-41730-15	F-21	07/01/2012 17:12	vr475975.d	10.61		
460-41730-16	F-22	07/01/2012 17:29	vr475976.d	10.61		
460-41730-18	F-24	07/01/2012 17:44	vr475977.d	10.61		
460-41730-21	F-27	07/01/2012 18:00	vr475978.d	10.61		
460-41730-20	F-26	07/01/2012 18:16	vr475979.d	10.61		
460-41730-22	F-28	07/01/2012 18:32	vr475980.d	10.61		
CCV 460-118309/28		07/01/2012 19:04	vr475982.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118238/3 Date Analyzed: 07/02/2012 03:39

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf475987.d Heated Purge: (Y/N) N

Calibration ID: 16193

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.46		
UPPER LIMIT				11.56		
LOWER LIMIT				11.36		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118238/3		07/02/2012 03:39	vf475987.d	11.46		
MB 460-118069/1-A		07/02/2012 03:55	vf475988.d	11.46		
LCS 460-118069/2-A		07/02/2012 04:11	vf475989.d	11.46		
460-41730-17 MS	F-23 MS	07/02/2012 04:27	vf475990.d	11.46		
460-41730-17 MSD	F-23 MSD	07/02/2012 04:43	vf475991.d	11.46		
460-41730-17	F-23	07/02/2012 06:03	vf475996.d	11.46		
460-41730-23	FD-J	07/02/2012 06:19	vf475997.d	11.46		
CCV 460-118238/25		07/02/2012 09:30	vf476009.d	11.47		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Sample No.: CCVRT 460-118238/3 Date Analyzed: 07/02/2012 03:39

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr475987.d Heated Purge: (Y/N) N

Calibration ID: 16192

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.62		
UPPER LIMIT				10.72		
LOWER LIMIT				10.52		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-118238/3		07/02/2012 03:39	vr475987.d	10.62		
MB 460-118069/1-A		07/02/2012 03:55	vr475988.d	10.61		
LCS 460-118069/2-A		07/02/2012 04:11	vr475989.d	10.62		
460-41730-17 MS	F-23 MS	07/02/2012 04:27	vr475990.d	10.61		
460-41730-17 MSD	F-23 MSD	07/02/2012 04:43	vr475991.d	10.61		
460-41730-17	F-23	07/02/2012 06:03	vr475996.d	10.62		
460-41730-23	FD-J	07/02/2012 06:19	vr475997.d	10.61		
CCV 460-118238/25		07/02/2012 09:30	vr476009.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS Lab Sample ID: 460-41730-5 MS

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 12:57 Date Analyzed (2): 07/01/2012 12:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.99	2.13	164	178	0.7
		2	2.49	2.43	2.57	184		
		3	2.74	2.69	2.83	168		
		4	3.10	3.04	3.18	204		
		5	3.29	3.24	3.38	184		
		6	3.65	3.60	3.74	179		
		7	4.01	3.96	4.10	184		
		8	4.19	4.10	4.24	153		
	2	1	2.77	2.71	2.85	183	179	
		2	3.39	3.34	3.48	183		
		3	3.84	3.78	3.92	190		
		4	4.24	4.19	4.33	194		
		5	4.49	4.43	4.57	199		
		6	4.93	4.87	5.01	170		
		7	5.32	5.26	5.40	171		
		8	5.53	5.47	5.61	141		
Aroclor 1260	1	1	6.05	5.99	6.13	194	183	0.3
		2	6.50	6.44	6.58	194		
		3	6.94	6.88	7.02	189		
		4	7.14	7.08	7.22	185		
		5	7.58	7.52	7.66	184		
		6	8.86	8.80	8.94	174		
		7	9.07	9.01	9.15	179		
		8	10.13	10.06	10.20	162		
	2	1	7.51	7.44	7.58	192	182	
		2	7.94	7.88	8.02	188		
		3	8.74	8.68	8.82	182		
		4	8.99	8.93	9.07	185		
		5	9.13	9.07	9.21	180		
		6	9.68	9.61	9.75	186		
		7	10.52	10.46	10.60	183		
		8	11.02	10.95	11.09	160		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD Lab Sample ID: 460-41730-5 MSD

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 13:13 Date Analyzed (2): 07/01/2012 13:13

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.99	2.13	174	189	0.6
		2	2.49	2.43	2.57	193		
		3	2.74	2.69	2.83	173		
		4	3.10	3.04	3.18	213		
		5	3.30	3.24	3.38	195		
		6	3.65	3.60	3.74	189		
		7	4.01	3.96	4.10	200		
		8	4.16	4.10	4.24	178		
	2	1	2.77	2.71	2.85	193	190	
		2	3.40	3.34	3.48	192		
		3	3.84	3.78	3.92	212		
		4	4.24	4.19	4.33	201		
		5	4.49	4.43	4.57	206		
		6	4.93	4.87	5.01	175		
		7	5.32	5.26	5.40	187		
		8	5.53	5.47	5.61	158		
Aroclor 1260	1	1	6.05	5.99	6.13	210	196	0.5
		2	6.50	6.44	6.58	209		
		3	6.95	6.88	7.02	203		
		4	7.15	7.08	7.22	197		
		5	7.58	7.52	7.66	195		
		6	8.86	8.80	8.94	186		
		7	9.08	9.01	9.15	194		
		8	10.13	10.06	10.20	172		
	2	1	7.51	7.44	7.58	203	195	
		2	7.94	7.88	8.02	199		
		3	8.74	8.68	8.82	195		
		4	8.99	8.93	9.07	196		
		5	9.13	9.07	9.21	189		
		6	9.68	9.61	9.75	197		
		7	10.52	10.46	10.60	204		
		8	11.02	10.95	11.09	176		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 16:41 Date Analyzed (2): 07/01/2012 16:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1262	1	1	5.83	5.76	5.90	16.1	27	15.1
		2	6.05	5.98	6.12	22.9		
		3	6.94	6.88	7.02	45.7		
		4	7.15	7.08	7.22	15.4		
		5	7.58	7.51	7.65	32.2		
		6	8.85	8.79	8.93	27.0		
		7	9.08	9.01	9.15	35.5		
		8	10.13	10.06	10.20	23.0		
	2	1	7.51	7.44	7.58	19.3	23	
		2	7.94	7.87	8.01	28.8		
		3	8.99	8.93	9.07	16.2		
		4	9.68	9.61	9.75	20.2		
		5	10.52	10.45	10.59	35.2		
		6	10.56	10.49	10.63	23.4		
		7	11.02	10.95	11.09	20.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 Lab Sample ID: 460-41730-14

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 16:57 Date Analyzed (2): 07/01/2012 16:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1262	1	1	5.82	5.76	5.90	249	280	6.0
		2	6.05	5.98	6.12	269		
		3	6.94	6.88	7.02	332		
		4	7.14	7.08	7.22	246		
		5	7.58	7.51	7.65	258		
		6	8.86	8.79	8.93	321		
		7	9.07	9.01	9.15	302		
		8	10.13	10.06	10.20	278		
	2	1	7.50	7.44	7.58	269	300	
		2	7.94	7.87	8.01	298		
		3	8.99	8.93	9.07	265		
		4	9.68	9.61	9.75	237		
		5	10.52	10.45	10.59	338		
		6	10.56	10.49	10.63	318		
		7	11.02	10.95	11.09	370		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 Lab Sample ID: 460-41730-16

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 17:29 Date Analyzed (2): 07/01/2012 17:29

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1260	1	1	6.05	5.99	6.13	9.35	20	15.5
		2	6.50	6.44	6.58	17.6		
		3	6.94	6.88	7.02	25.2		
		4	7.15	7.08	7.22	15.0		
		5	7.57	7.52	7.66	19.1		
		6	8.85	8.80	8.94	15.8		
		7	9.06	9.01	9.15	31.9		
		8	10.13	10.06	10.20	24.3		
	2	1	7.51	7.44	7.58	24.0	23	
		2	7.94	7.88	8.02	22.6		
		3	8.74	8.68	8.82	23.9		
		4	8.99	8.93	9.07	23.5		
		5	9.12	9.07	9.21	26.2		
		6	9.68	9.61	9.75	15.8		
		7	10.52	10.46	10.60	23.6		
		8	11.02	10.95	11.09	25.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 Lab Sample ID: 460-41730-17

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/02/2012 06:03 Date Analyzed (2): 07/02/2012 06:03

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1254	1	1	4.66	4.60	4.74	486	440	30.2
		2	4.74	4.67	4.81	242		
		3	5.11	5.04	5.18	510		
		5	5.74	5.68	5.82	907		
		6	6.20	6.13	6.27	278		
		7	6.50	6.43	6.57	277		
		8	6.94	6.88	7.02	357		
	2	1	4.87	4.80	4.94	211	320	
		2	6.05	5.98	6.12	211		
		3	6.38	6.31	6.45	760		
		5	7.14	7.07	7.21	252		
		6	8.29	8.22	8.36	332		
		7	8.75	8.68	8.82	309		
		8	9.60	9.54	9.68	181		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS Lab Sample ID: 460-41730-17 MS

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/02/2012 04:27 Date Analyzed (2): 07/02/2012 04:27

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.03	1.99	2.13	417	321	5.7
		2	2.49	2.43	2.57	227		
		3	2.74	2.69	2.83	225		
		5	3.30	3.24	3.38	316		
		6	3.69	3.60	3.74	243		
		7	4.01	3.96	4.10	313		
		8	4.20	4.10	4.24	507		
	2	1	2.77	2.71	2.85	238	340	
		2	3.40	3.34	3.48	367		
		3	3.80	3.78	3.92	487		
		4	4.24	4.19	4.33	596		
		5	4.49	4.43	4.57	265		
		6	4.93	4.87	5.01	230		
		7	5.32	5.26	5.40	261		
		8	5.53	5.47	5.61	277		
Aroclor 1260	1	1	6.05	5.99	6.13	293	276	9.2
		2	6.50	6.44	6.58	354		
		3	6.94	6.88	7.02	368		
		4	7.15	7.08	7.22	230		
		5	7.58	7.52	7.66	256		
		6	8.86	8.80	8.94	239		
		7	9.08	9.01	9.15	253		
		8	10.13	10.06	10.20	214		
	2	1	7.51	7.44	7.58	347	252	
		2	7.94	7.88	8.02	244		
		3	8.75	8.68	8.82	259		
		4	8.99	8.93	9.07	264		
		5	9.13	9.07	9.21	273		
		6	9.68	9.61	9.75	124		
		7	10.52	10.46	10.60	238		
		8	11.02	10.95	11.09	265		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD Lab Sample ID: 460-41730-17 MSD

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/02/2012 04:43 Date Analyzed (2): 07/02/2012 04:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.99	2.13	295	283	3.9
		2	2.49	2.43	2.57	234		
		3	2.74	2.69	2.83	240		
		5	3.30	3.24	3.38	297		
		6	3.64	3.60	3.74	339		
		7	4.01	3.96	4.10	383		
		8	4.19	4.10	4.24	197		
	2	1	2.77	2.71	2.85	240	295	
		2	3.40	3.34	3.48	373		
		3	3.84	3.78	3.92	242		
		4	4.24	4.19	4.33	508		
		5	4.49	4.43	4.57	266		
		6	4.93	4.87	5.01	223		
		7	5.32	5.26	5.40	265		
		8	5.53	5.47	5.61	241		
Aroclor 1260	1	1	6.05	5.99	6.13	299	274	17.7
		2	6.50	6.44	6.58	353		
		3	6.94	6.88	7.02	362		
		4	7.14	7.08	7.22	251		
		5	7.58	7.52	7.66	253		
		6	8.86	8.80	8.94	220		
		7	9.08	9.01	9.15	229		
		8	10.13	10.06	10.20	228		
	2	1	7.51	7.44	7.58	199	230	
		2	7.94	7.88	8.02	255		
		3	8.74	8.68	8.82	257		
		4	8.99	8.93	9.07	252		
		5	9.13	9.07	9.21	234		
		6	9.68	9.61	9.75	118		
		7	10.52	10.46	10.60	258		
		8	11.02	10.95	11.09	263		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118068/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/01/2012 12:41 Date Analyzed (2): 07/01/2012 12:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.99	2.13	283	313	3.9
		2	2.49	2.43	2.57	316		
		3	2.74	2.69	2.83	325		
		4	3.09	3.04	3.18	333		
		5	3.29	3.24	3.38	323		
		6	3.65	3.60	3.74	325		
		7	4.01	3.96	4.10	321		
		8	4.19	4.10	4.24	282		
	2	1	2.76	2.71	2.85	307	301	
		2	3.39	3.34	3.48	298		
		3	3.83	3.78	3.92	313		
		4	4.24	4.19	4.33	304		
		5	4.49	4.43	4.57	307		
		6	4.93	4.87	5.01	306		
		7	5.32	5.26	5.40	279		
		8	5.53	5.47	5.61	297		
Aroclor 1260	1	1	6.05	5.99	6.13	330	314	1.8
		2	6.50	6.44	6.58	330		
		3	6.94	6.88	7.02	326		
		4	7.14	7.08	7.22	322		
		5	7.58	7.52	7.66	316		
		6	8.86	8.80	8.94	294		
		7	9.08	9.01	9.15	311		
		8	10.13	10.06	10.20	284		
	2	1	7.50	7.44	7.58	323	309	
		2	7.94	7.88	8.02	316		
		3	8.74	8.68	8.82	307		
		4	8.99	8.93	9.07	312		
		5	9.12	9.07	9.21	311		
		6	9.67	9.61	9.75	316		
		7	10.52	10.46	10.60	307		
		8	11.02	10.95	11.09	277		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118069/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 07/02/2012 04:11 Date Analyzed (2): 07/02/2012 04:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.99	2.13	563	457	23.6
		2	2.49	2.43	2.57	358		
		3	2.74	2.69	2.83	359		
		5	3.30	3.24	3.38	377		
		6	3.65	3.60	3.74	354		
		7	4.02	3.96	4.10	356		
		8	4.20	4.10	4.24	830		
	2	1	2.77	2.71	2.85	338	360	
		2	3.40	3.34	3.48	313		
		4	4.24	4.19	4.33	569		
		5	4.49	4.43	4.57	304		
		6	4.94	4.87	5.01	314		
		7	5.33	5.26	5.40	296		
		8	5.53	5.47	5.61	389		
Aroclor 1260	1	1	6.05	5.99	6.13	381	358	2.6
		2	6.50	6.44	6.58	376		
		3	6.95	6.88	7.02	358		
		4	7.15	7.08	7.22	231		
		5	7.58	7.52	7.66	365		
		6	8.86	8.80	8.94	434		
		7	9.08	9.01	9.15	386		
		8	10.13	10.06	10.20	334		
	2	1	7.51	7.44	7.58	357	368	
		2	7.95	7.88	8.02	309		
		3	8.75	8.68	8.82	368		
		4	8.99	8.93	9.07	365		
		5	9.13	9.07	9.21	382		
		6	9.68	9.61	9.75	359		
		7	10.52	10.46	10.60	413		
		8	11.02	10.95	11.09	389		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 Lab Sample ID: 460-41730-1

Matrix: Solid Lab File ID: vf475961.d

Analysis Method: 8082 Date Collected: 06/25/2012 08:35

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 13:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		30-150

Data File: vf475961.d
Report Date: 02-Jul-2012 12:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475961.d
Lab Smp Id: 460-41730-E-1-C Client Smp ID: SL-10
Inj Date : 01-JUL-2012 13:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-1-C
Misc Info : 460-41730-E-1-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 77
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.93597	% Moisture

Cpnd Variable Local Compound Variable

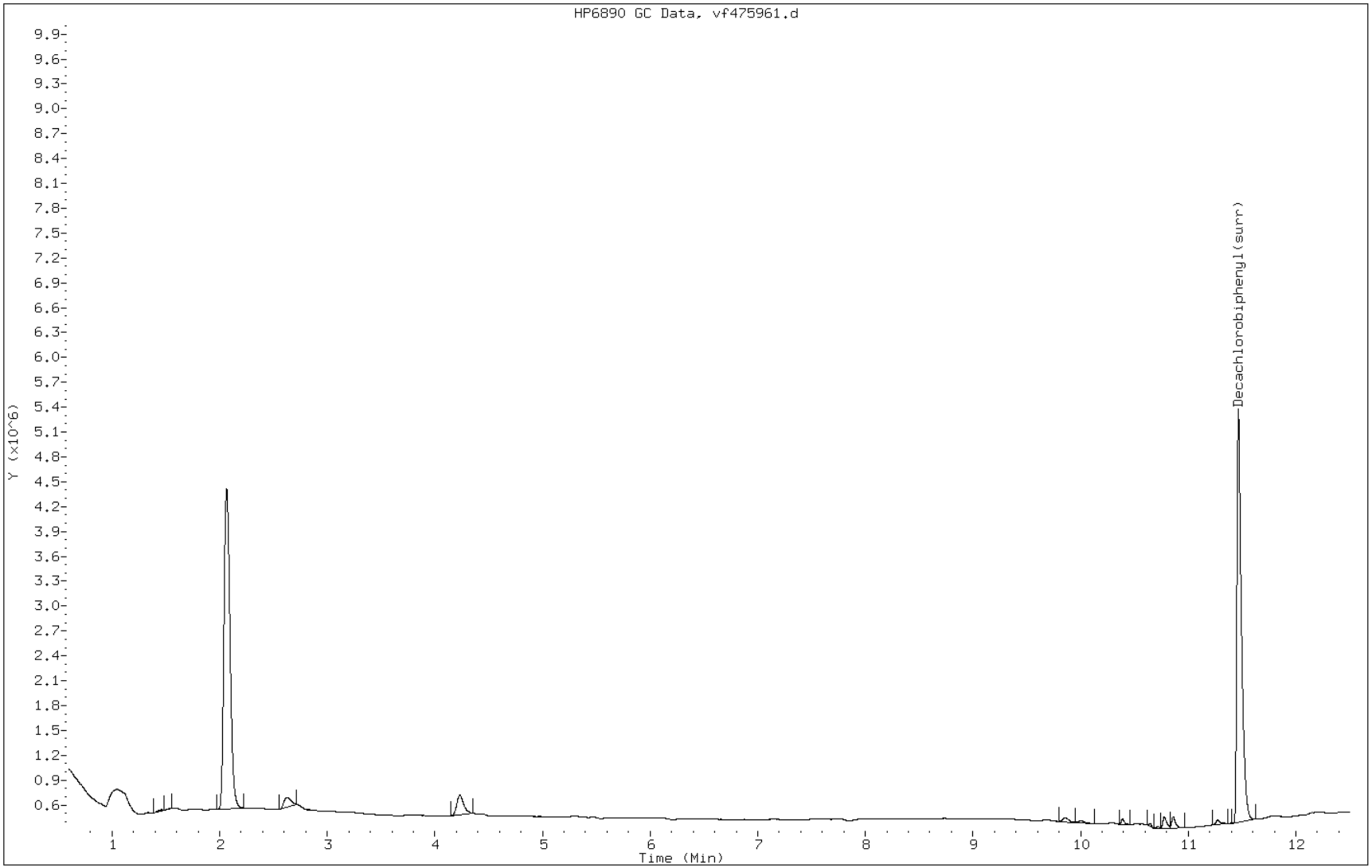
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.466	11.473	-0.007	14596922	40.2676	31	80.00- 120.00	100.00

Data File: vf475961.d

Date: 01-JUL-2012 13:29

Client ID: SL-10 Instrument: PESTGC9.i

Sample Info: 460-41730-E-1-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SL-10 Lab Sample ID: 460-41730-1

Matrix: Solid Lab File ID: vr475961.d

Analysis Method: 8082 Date Collected: 06/25/2012 08:35

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 13:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	23	U	78	23
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475961.d
Lab Smp Id: 460-41730-E-1-C Client Smp ID: SL-10
Inj Date : 01-JUL-2012 13:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-1-C
Misc Info : 460-41730-E-1-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 77
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.93597	% Moisture

Cpnd Variable Local Compound Variable

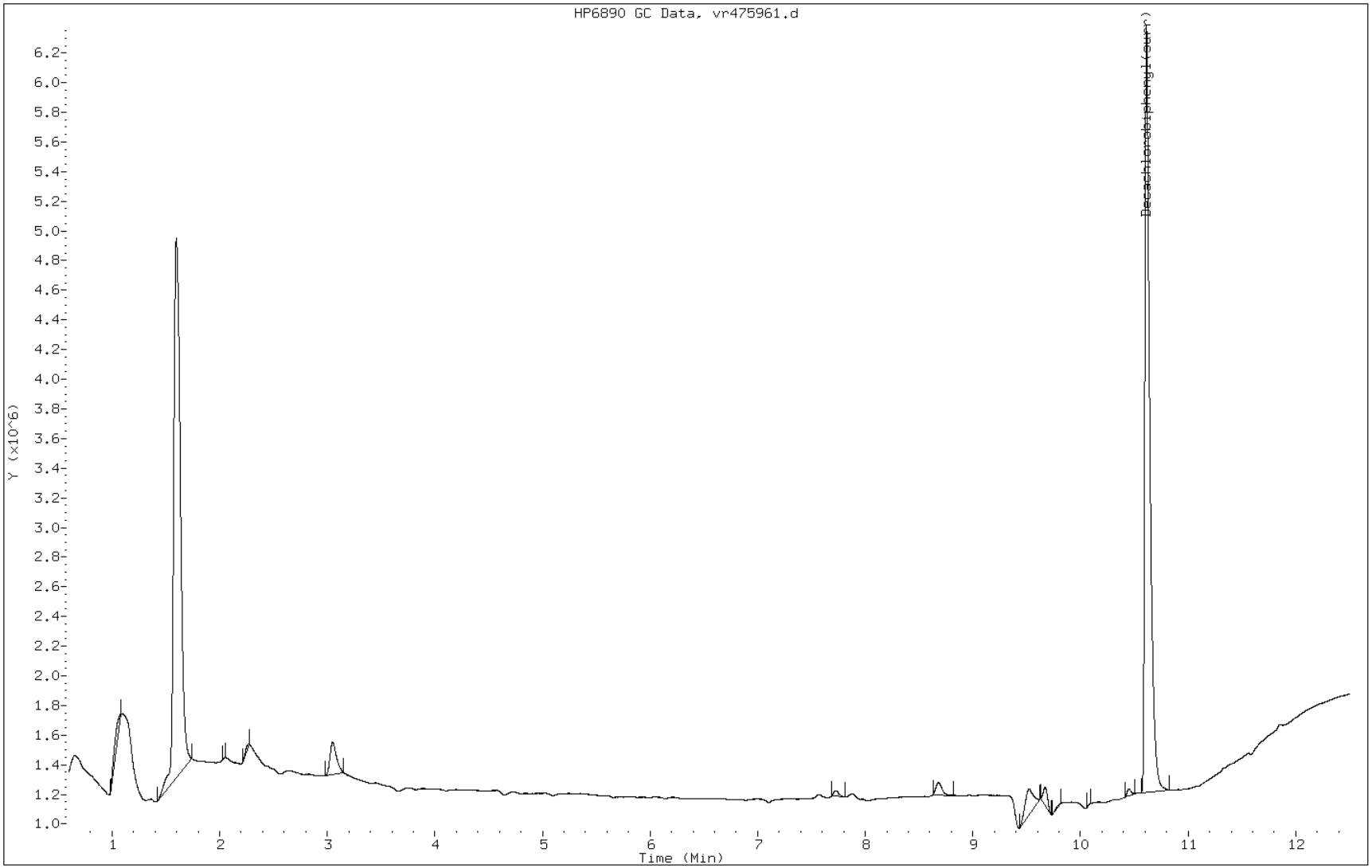
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	16459127	40.5871	31	80.00- 120.00	100.00

Data File: vr475961.d

Date: 01-JUL-2012 13:29

Client ID: SL-10 Instrument: PESTGC9.i

Sample Info: 460-41730-E-1-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 Lab Sample ID: 460-41730-2

Matrix: Solid Lab File ID: vf475962.d

Analysis Method: 8082 Date Collected: 06/25/2012 09:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 13:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		30-150

Data File: vf475962.d
Report Date: 02-Jul-2012 12:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475962.d
Lab Smp Id: 460-41730-E-2-C Client Smp ID: SF-26
Inj Date : 01-JUL-2012 13:45
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-2-C
Misc Info : 460-41730-E-2-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	19.09449	% Moisture

Cpnd Variable Local Compound Variable

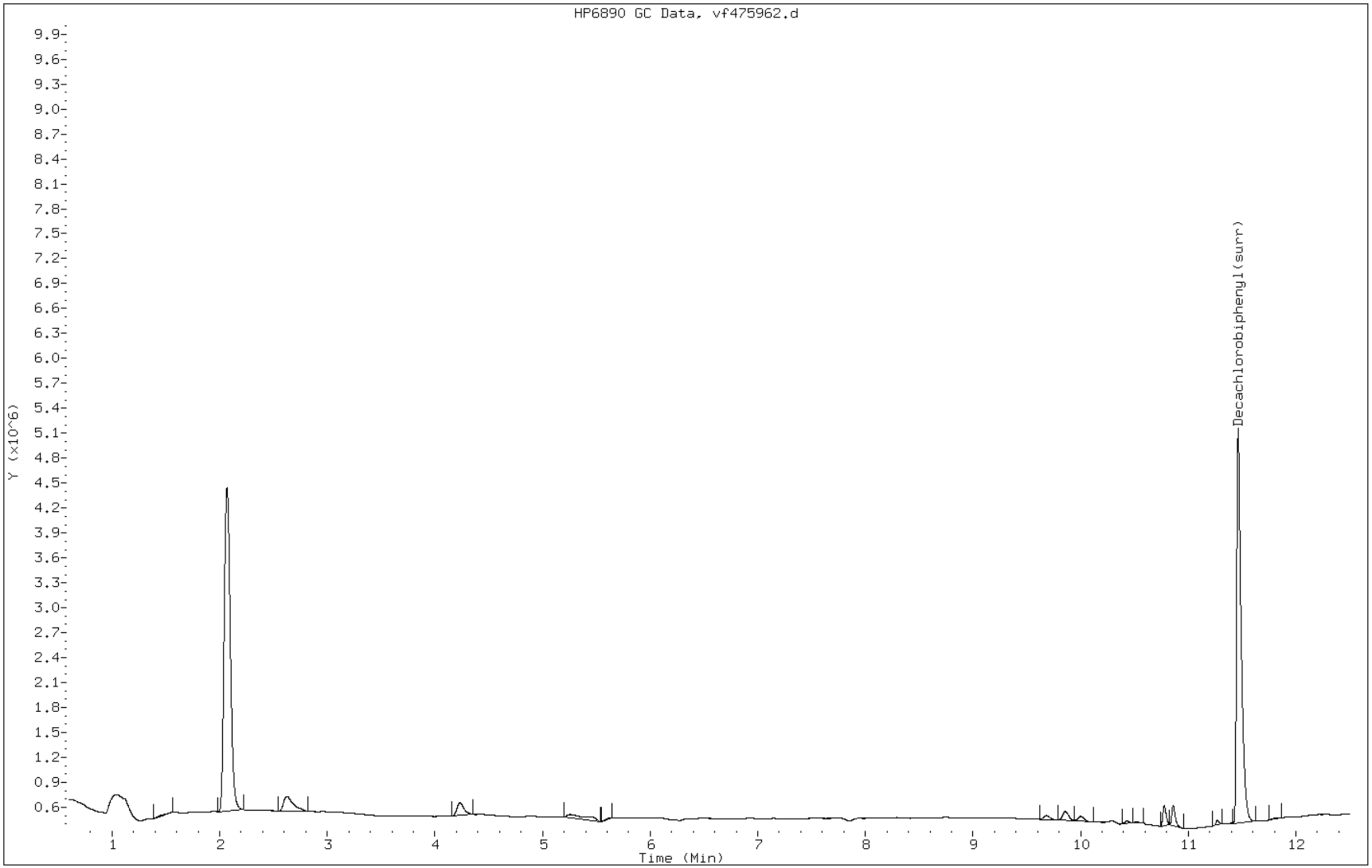
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.464	11.473	-0.009	13888119	38.3123	31	80.00- 120.00	100.00

Data File: vf475962.d

Date: 01-JUL-2012 13:45

Client ID: SF-26 Instrument: PESTGC9.i

Sample Info: 460-41730-E-2-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-26 Lab Sample ID: 460-41730-2

Matrix: Solid Lab File ID: vr475962.d

Analysis Method: 8082 Date Collected: 06/25/2012 09:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 13:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	83	16
11104-28-2	Aroclor 1221	25	U	83	25
11141-16-5	Aroclor 1232	47	U	83	47
53469-21-9	Aroclor 1242	16	U	83	16
12672-29-6	Aroclor 1248	22	U	83	22
11097-69-1	Aroclor 1254	28	U	83	28
11096-82-5	Aroclor 1260	9.2	U	83	9.2
37324-23-5	Aroclor 1262	14	U	83	14
11100-14-4	Aroclor 1268	14	U	83	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475962.d
Lab Smp Id: 460-41730-E-2-C Client Smp ID: SF-26
Inj Date : 01-JUL-2012 13:45
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-2-C
Misc Info : 460-41730-E-2-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	19.09449	% Moisture

Cpnd Variable Local Compound Variable

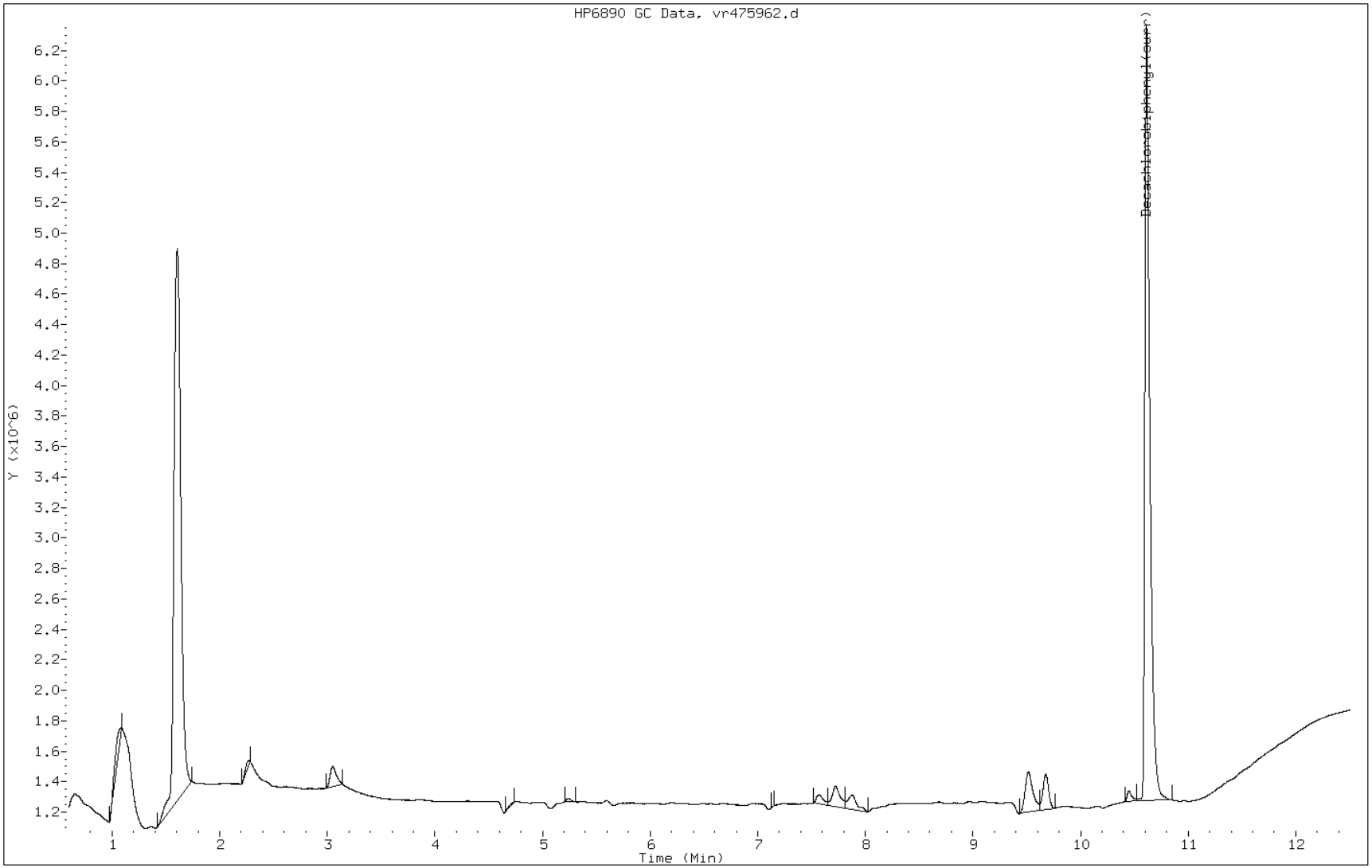
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	16345874	40.3078	33	80.00- 120.00	100.00

Data File: vr475962.d

Date: 01-JUL-2012 13:45

Client ID: SF-26 Instrument: PESTGC9.i

Sample Info: 460-41730-E-2-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: vf475963.d

Analysis Method: 8082 Date Collected: 06/25/2012 10:50

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 14:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		30-150

Data File: vf475963.d
Report Date: 02-Jul-2012 12:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475963.d
Lab Smp Id: 460-41730-E-3-C Client Smp ID: SF-27
Inj Date : 01-JUL-2012 14:01
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-3-C
Misc Info : 460-41730-E-3-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.01152	% Moisture

Cpnd Variable Local Compound Variable

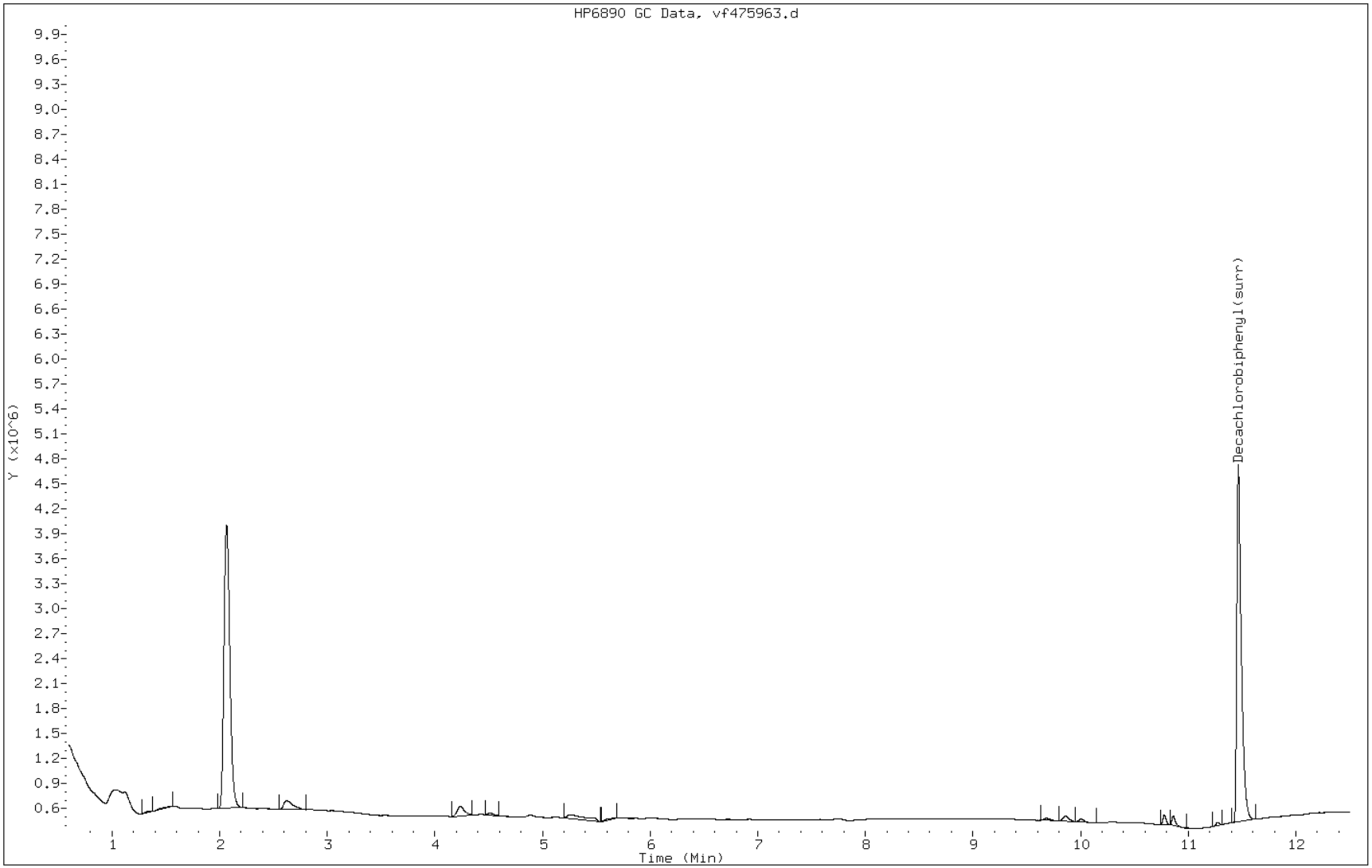
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.466	11.473	-0.007	12534941	34.5794	27	80.00- 120.00	100.00

Data File: vf475963.d

Date: 01-JUL-2012 14:01

Client ID: SF-27 Instrument: PESTGC9.i

Sample Info: 460-41730-E-3-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Matrix: Solid Lab File ID: vr475963.d

Analysis Method: 8082 Date Collected: 06/25/2012 10:50

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 14:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	23	U	78	23
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475963.d
Lab Smp Id: 460-41730-E-3-C Client Smp ID: SF-27
Inj Date : 01-JUL-2012 14:01
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-3-C
Misc Info : 460-41730-E-3-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.01152	% Moisture

Cpnd Variable Local Compound Variable

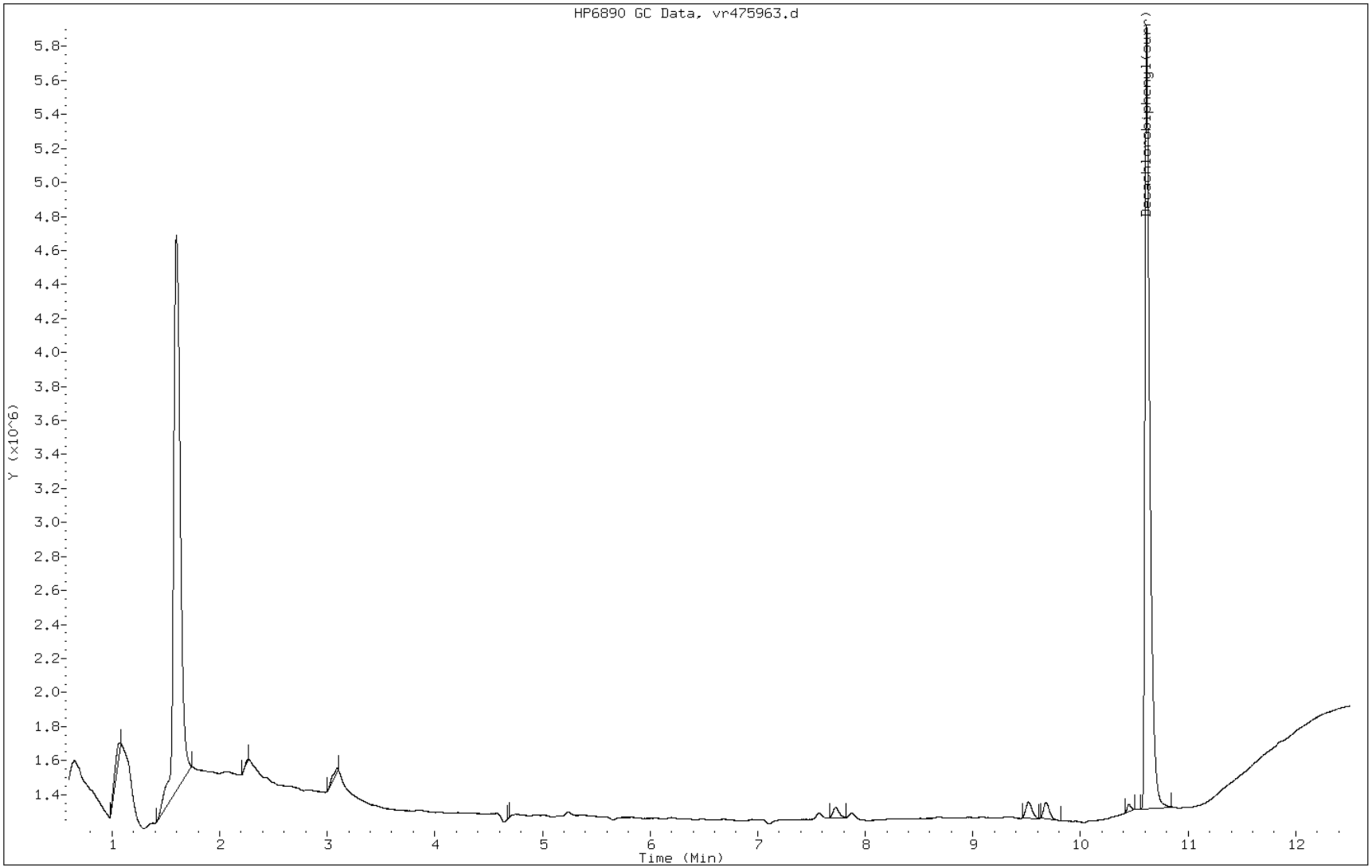
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	14548134	35.8747	28	80.00- 120.00	100.00

Data File: vr475963.d

Date: 01-JUL-2012 14:01

Client ID: SF-27 Instrument: PESTGC9.i

Sample Info: 460-41730-E-3-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 Lab Sample ID: 460-41730-4

Matrix: Solid Lab File ID: vf475964.d

Analysis Method: 8082 Date Collected: 06/25/2012 11:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) Date Analyzed: 07/01/2012 14:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		30-150

Data File: vf475964.d
Report Date: 02-Jul-2012 12:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475964.d
Lab Smp Id: 460-41730-E-4-C Client Smp ID: SF-28
Inj Date : 01-JUL-2012 14:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-4-C
Misc Info : 460-41730-E-4-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 80
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	10.40268	% Moisture

Cpnd Variable Local Compound Variable

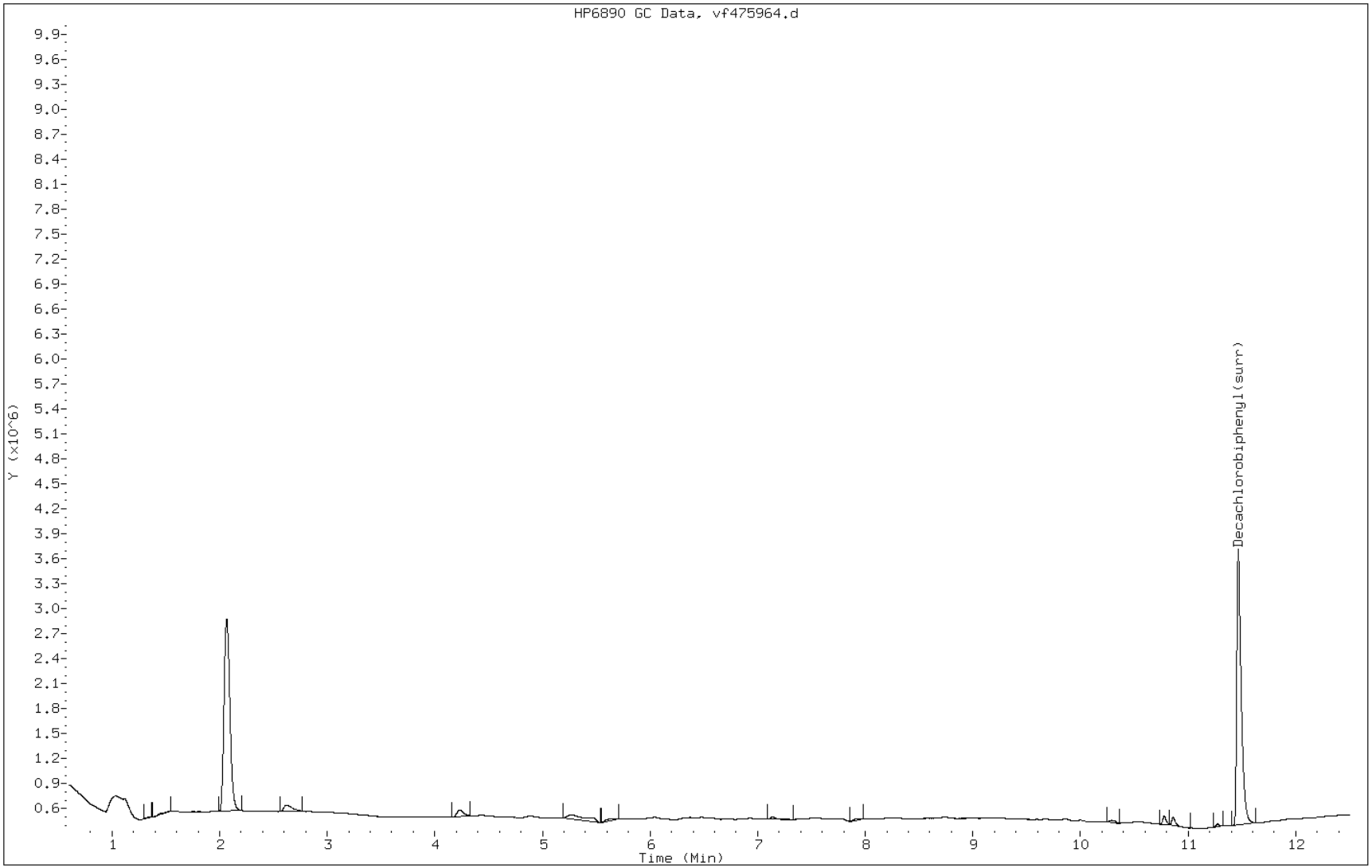
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.466	11.473	-0.007	9447841	26.0632	19	80.00- 120.00	100.00

Data File: vf475964.d

Date: 01-JUL-2012 14:17

Client ID: SF-28 Instrument: PESTGC9.i

Sample Info: 460-41730-E-4-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-28 Lab Sample ID: 460-41730-4

Matrix: Solid Lab File ID: vr475964.d

Analysis Method: 8082 Date Collected: 06/25/2012 11:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) Date Analyzed: 07/01/2012 14:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	75	14
11104-28-2	Aroclor 1221	23	U	75	23
11141-16-5	Aroclor 1232	42	U	75	42
53469-21-9	Aroclor 1242	14	U	75	14
12672-29-6	Aroclor 1248	20	U	75	20
11097-69-1	Aroclor 1254	26	U	75	26
11096-82-5	Aroclor 1260	8.3	U	75	8.3
37324-23-5	Aroclor 1262	13	U	75	13
11100-14-4	Aroclor 1268	13	U	75	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475964.d
Lab Smp Id: 460-41730-E-4-C Client Smp ID: SF-28
Inj Date : 01-JUL-2012 14:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-4-C
Misc Info : 460-41730-E-4-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 80
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	10.40268	% Moisture

Cpnd Variable Local Compound Variable

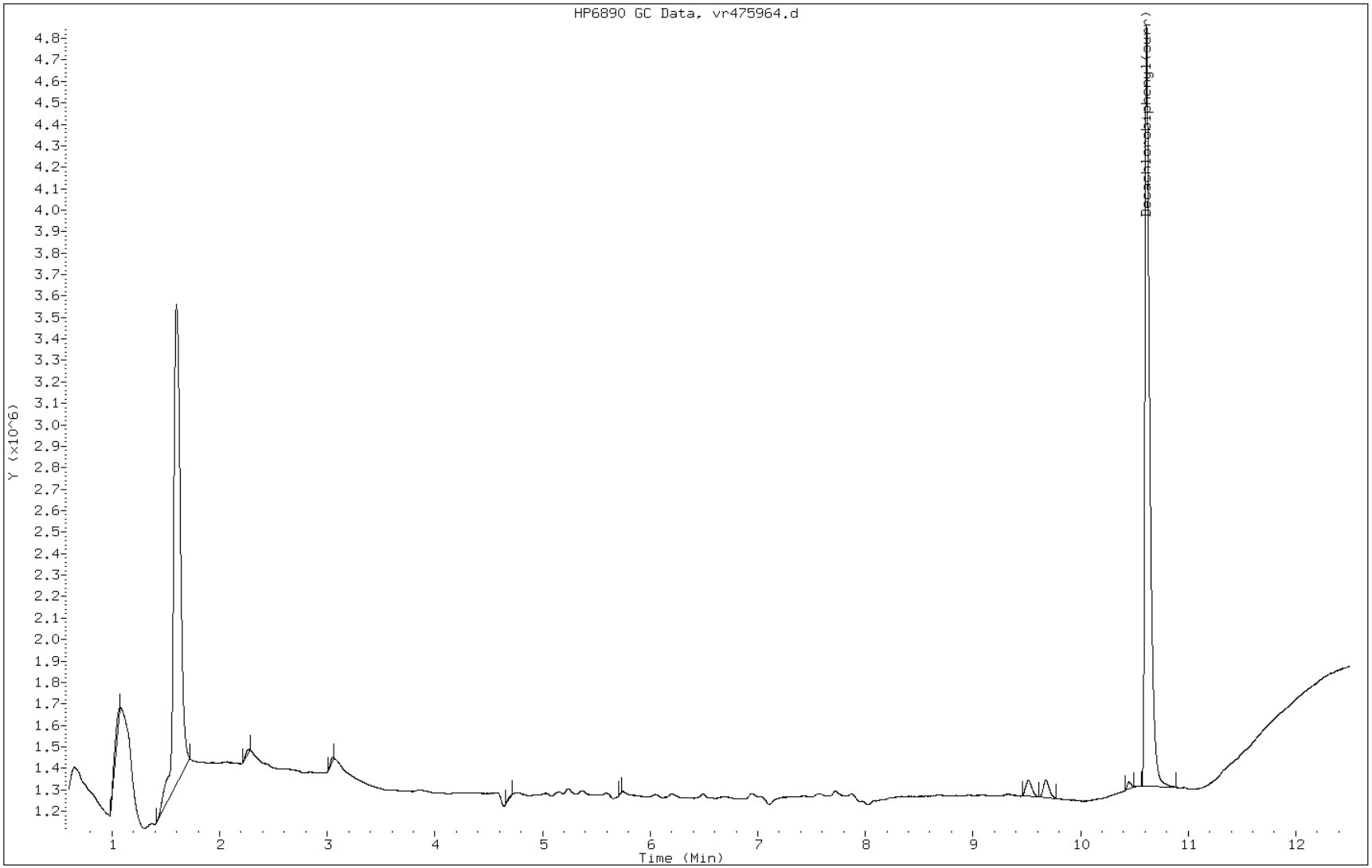
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	11085355	27.3357	20	80.00- 120.00	100.00

Data File: vr475964.d

Date: 01-JUL-2012 14:17

Client ID: SF-28 Instrument: PESTGC9.i

Sample Info: 460-41730-E-4-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 Lab Sample ID: 460-41730-5

Matrix: Solid Lab File ID: vf475965.d

Analysis Method: 8082 Date Collected: 06/25/2012 12:04

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.05(g) Date Analyzed: 07/01/2012 14:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	45		30-150

Data File: vf475965.d
Report Date: 02-Jul-2012 12:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475965.d
Lab Smp Id: 460-41730-E-5-F Client Smp ID: SF-29
Inj Date : 01-JUL-2012 14:33
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-F
Misc Info : 460-41730-E-5-F
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.462	11.473	-0.011	8232645	22.7109	18	80.00- 120.00	100.00(aR)

QC Flag Legend

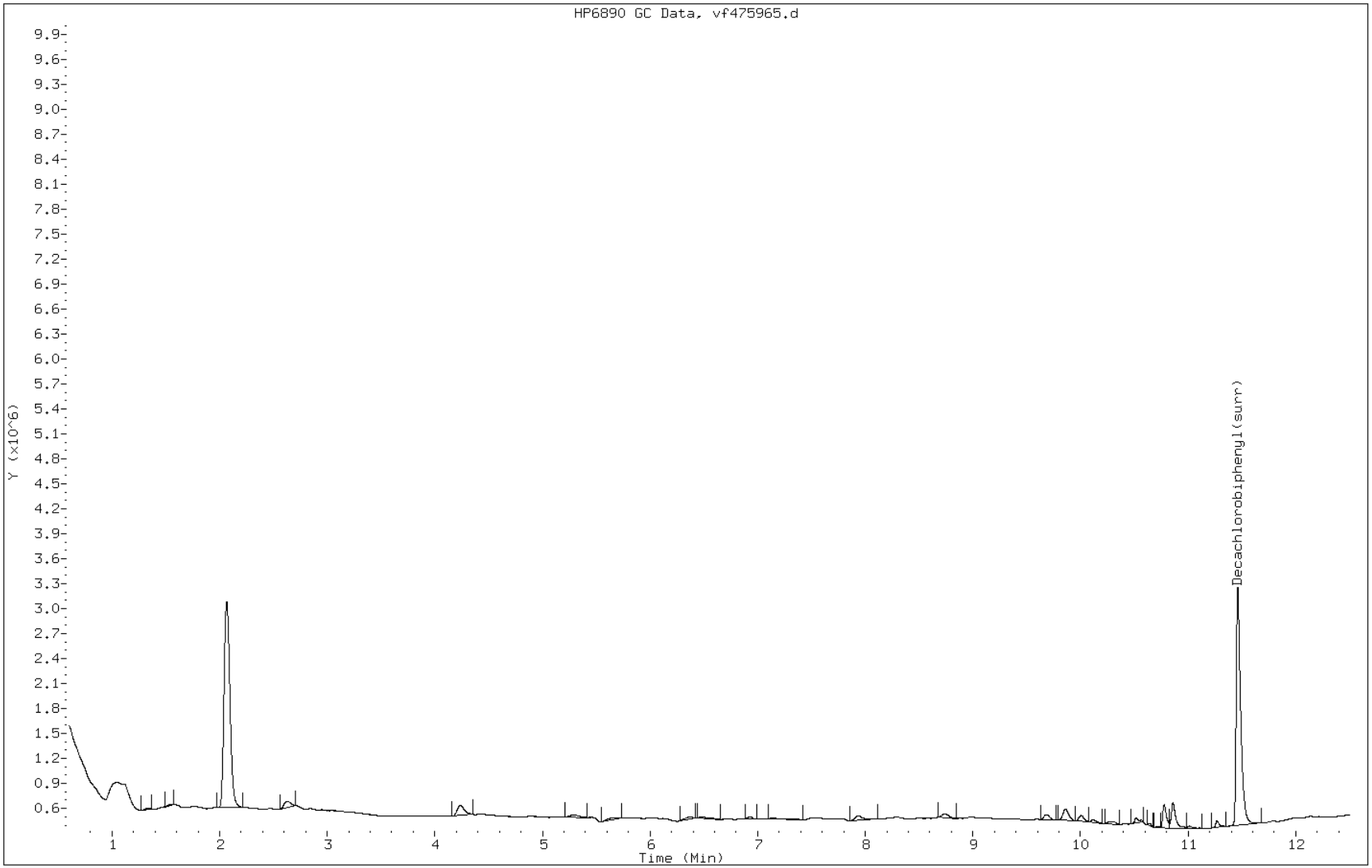
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: vf475965.d

Date: 01-JUL-2012 14:33

Client ID: SF-29 Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-F Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Matrix: Solid | Lab File ID: vr475965.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.05(g) | Date Analyzed: 07/01/2012 14:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	79	15
11104-28-2	Aroclor 1221	24	U	79	24
11141-16-5	Aroclor 1232	45	U	79	45
53469-21-9	Aroclor 1242	15	U	79	15
12672-29-6	Aroclor 1248	21	U	79	21
11097-69-1	Aroclor 1254	27	U	79	27
11096-82-5	Aroclor 1260	8.8	U	79	8.8
37324-23-5	Aroclor 1262	14	U	79	14
11100-14-4	Aroclor 1268	14	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	45		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475965.d
Lab Smp Id: 460-41730-E-5-F Client Smp ID: SF-29
Inj Date : 01-JUL-2012 14:33
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-F
Misc Info : 460-41730-E-5-F
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	15.50802	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	9124278	22.4999	18	80.00- 120.00	100.00(aR)

QC Flag Legend

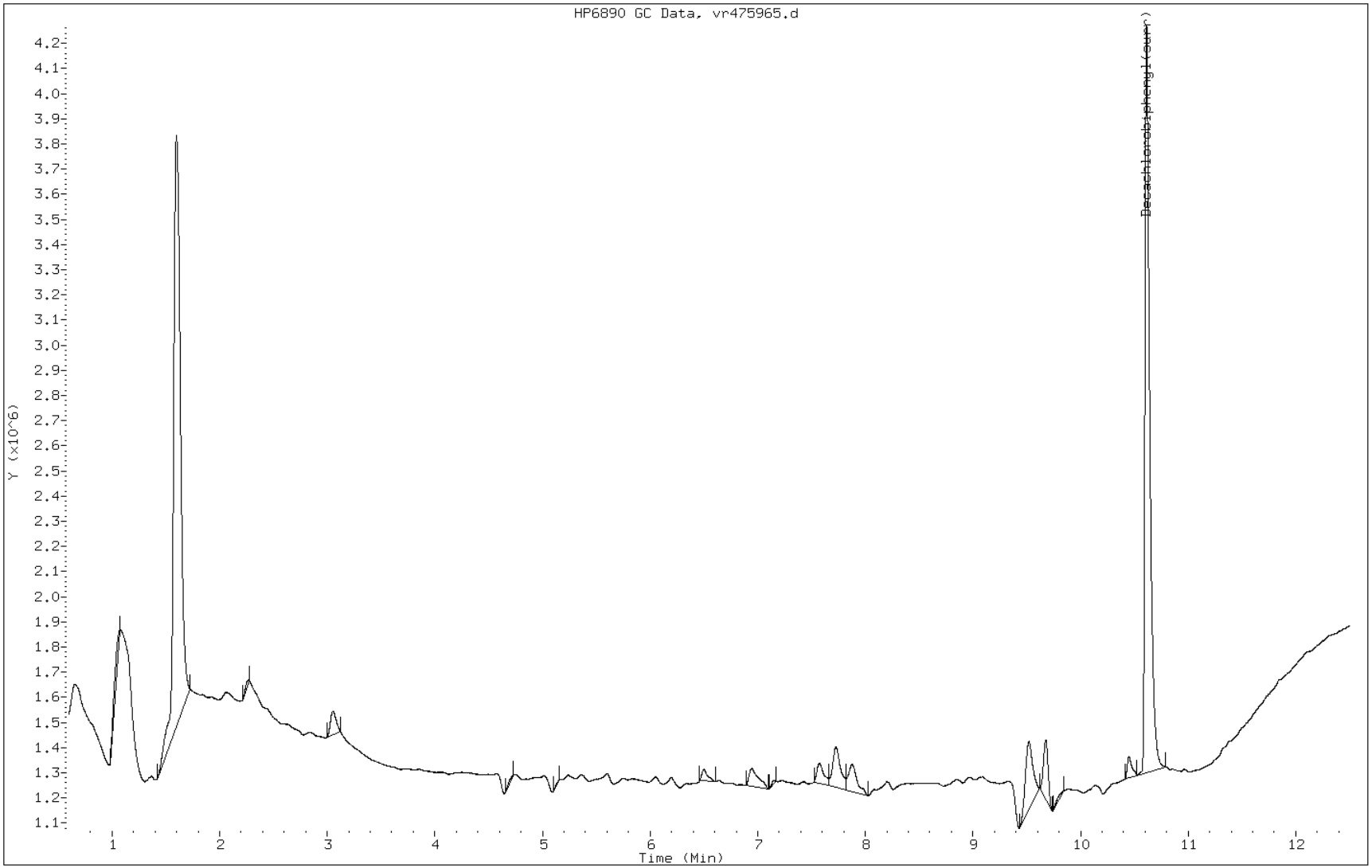
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: vr475965.d

Date: 01-JUL-2012 14:33

Client ID: SF-29 Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-F Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 Lab Sample ID: 460-41730-6

Matrix: Solid Lab File ID: vf475966.d

Analysis Method: 8082 Date Collected: 06/25/2012 13:45

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) Date Analyzed: 07/01/2012 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		30-150

Data File: vf475966.d
Report Date: 02-Jul-2012 12:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475966.d
Lab Smp Id: 460-41730-E-6-C Client Smp ID: SF-30
Inj Date : 01-JUL-2012 14:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-6-C
Misc Info : 460-41730-E-6-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 82
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	12.38616	% Moisture

Cpnd Variable Local Compound Variable

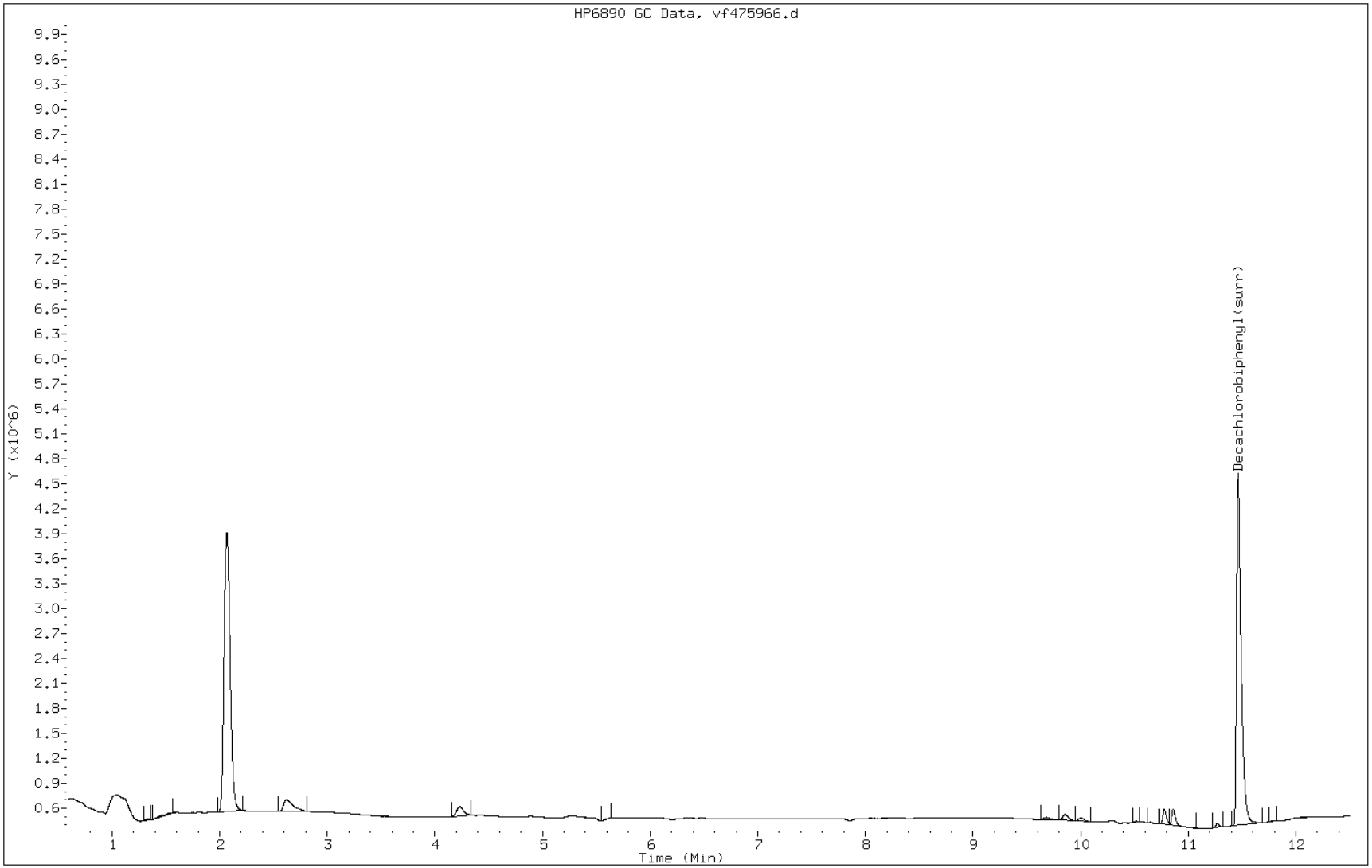
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.464	11.473	-0.009	12487648	34.4489	26	80.00- 120.00	100.00

Data File: vf475966.d

Date: 01-JUL-2012 14:49

Client ID: SF-30 Instrument: PESTGC9.i

Sample Info: 460-41730-E-6-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Matrix: Solid | Lab File ID: vr475966.d

Analysis Method: 8082 | Date Collected: 06/25/2012 13:45

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) | Date Analyzed: 07/01/2012 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	76	15
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.5	U	76	8.5
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475966.d
Lab Smp Id: 460-41730-E-6-C Client Smp ID: SF-30
Inj Date : 01-JUL-2012 14:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-6-C
Misc Info : 460-41730-E-6-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 82
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	12.38616	% Moisture

Cpnd Variable Local Compound Variable

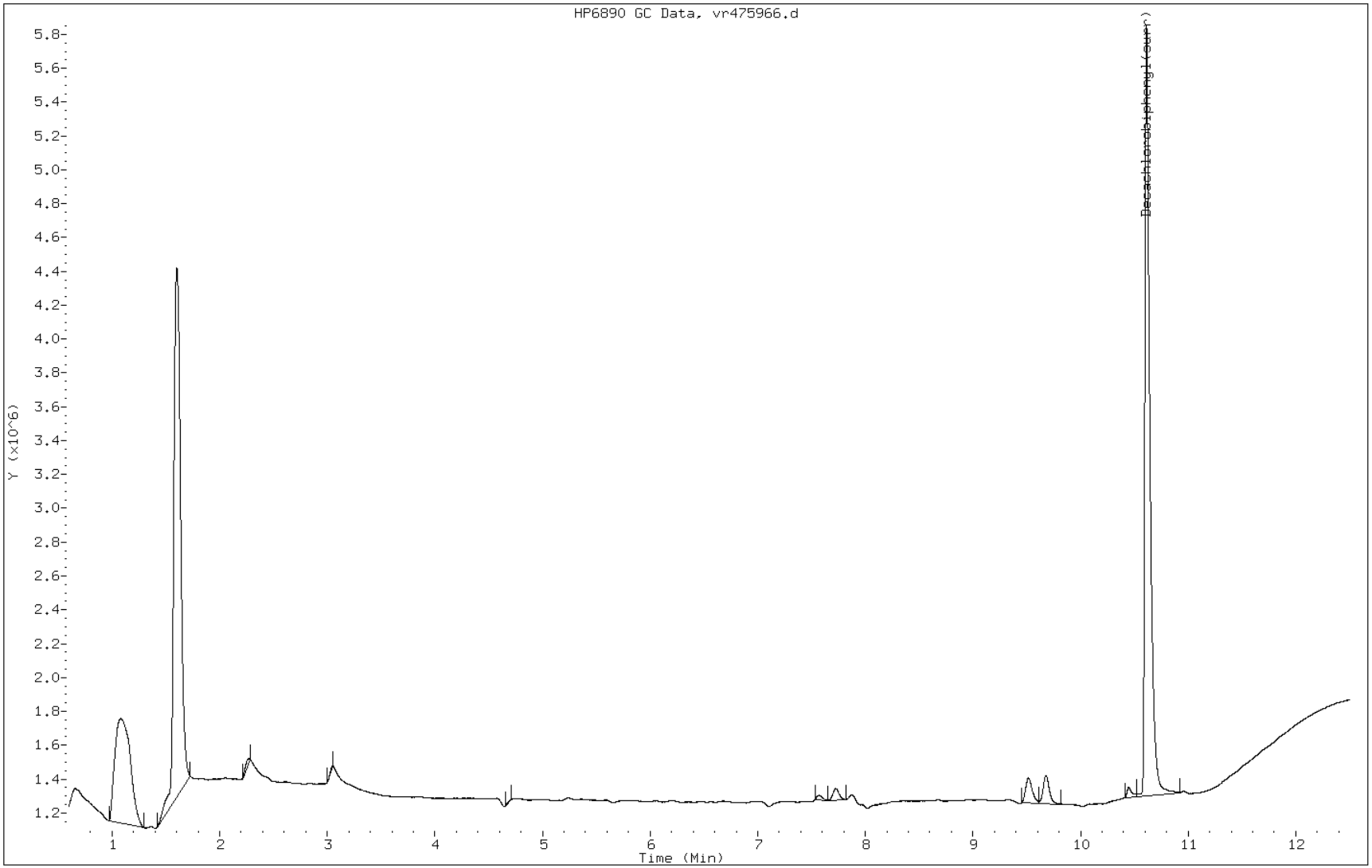
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	14649938	36.1258	27	80.00- 120.00	100.00

Data File: vr475966.d

Date: 01-JUL-2012 14:49

Client ID: SF-30 Instrument: PESTGC9.i

Sample Info: 460-41730-E-6-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 Lab Sample ID: 460-41730-7

Matrix: Solid Lab File ID: vf475967.d

Analysis Method: 8082 Date Collected: 06/26/2012 08:40

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) Date Analyzed: 07/01/2012 15:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		30-150

Data File: vf475967.d
Report Date: 02-Jul-2012 12:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475967.d
Lab Smp Id: 460-41730-E-7-C Client Smp ID: SF-31
Inj Date : 01-JUL-2012 15:05
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-7-C
Misc Info : 460-41730-E-7-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	14.31335	% Moisture

Cpnd Variable Local Compound Variable

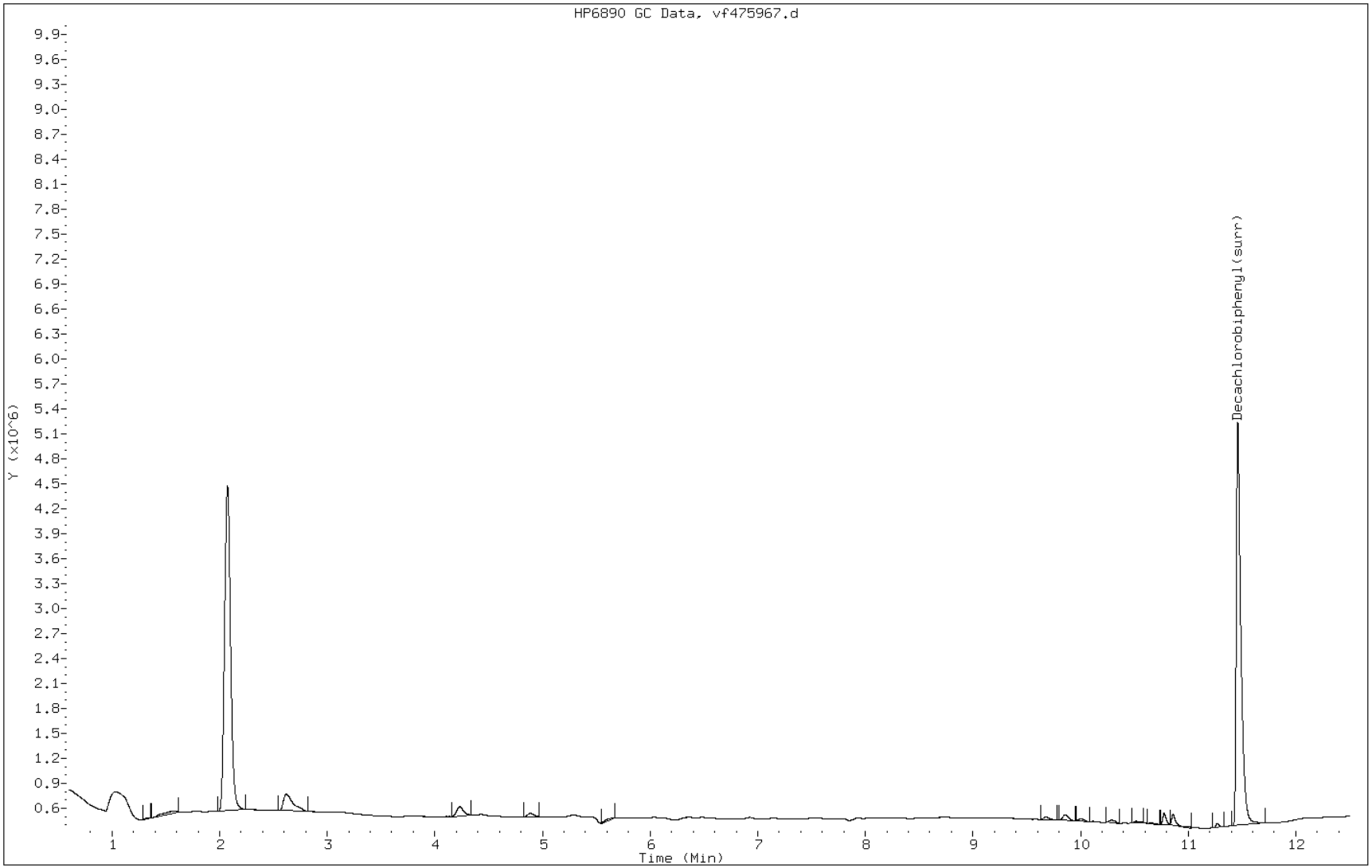
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.461	11.473	-0.012	14405177	39.7387	31	80.00- 120.00	100.00

Data File: vf475967.d

Date: 01-JUL-2012 15:05

Client ID: SF-31 Instrument: PESTGC9.i

Sample Info: 460-41730-E-7-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Matrix: Solid | Lab File ID: vr475967.d

Analysis Method: 8082 | Date Collected: 06/26/2012 08:40

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) | Date Analyzed: 07/01/2012 15:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	24	U	78	24
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475967.d
Lab Smp Id: 460-41730-E-7-C Client Smp ID: SF-31
Inj Date : 01-JUL-2012 15:05
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-7-C
Misc Info : 460-41730-E-7-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	14.31335	% Moisture

Cpnd Variable Local Compound Variable

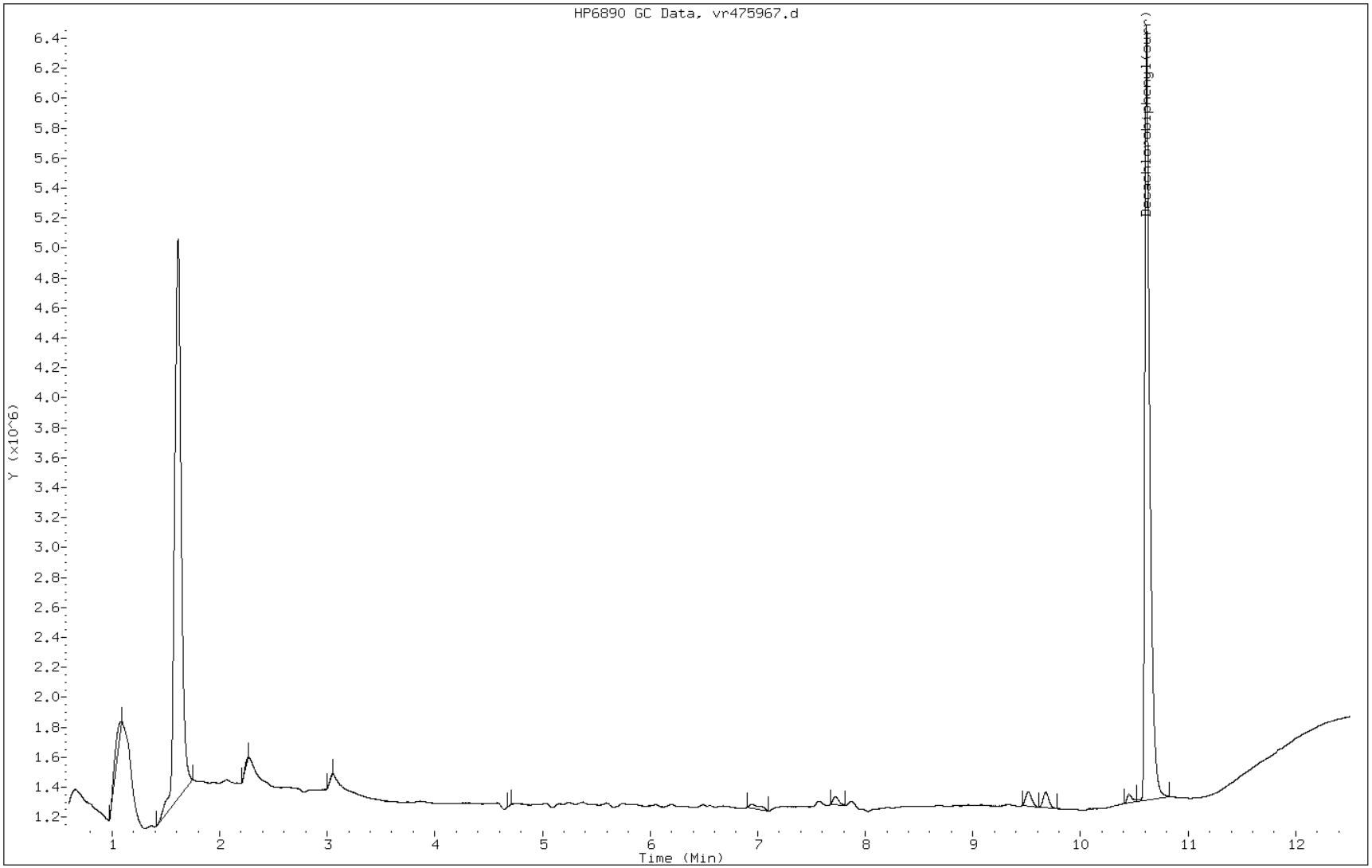
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	16557576	40.8299	32	80.00- 120.00	100.00

Data File: vr475967.d

Date: 01-JUL-2012 15:05

Client ID: SF-31 Instrument: PESTGC9.i

Sample Info: 460-41730-E-7-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 Lab Sample ID: 460-41730-8

Matrix: Solid Lab File ID: vf475968.d

Analysis Method: 8082 Date Collected: 06/26/2012 09:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 15:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 29.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		30-150

Data File: vf475968.d
Report Date: 02-Jul-2012 12:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475968.d
Lab Smp Id: 460-41730-E-8-C Client Smp ID: SF-32
Inj Date : 01-JUL-2012 15:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-8-C
Misc Info : 460-41730-E-8-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 84
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	29.37626	% Moisture

Cpnd Variable Local Compound Variable

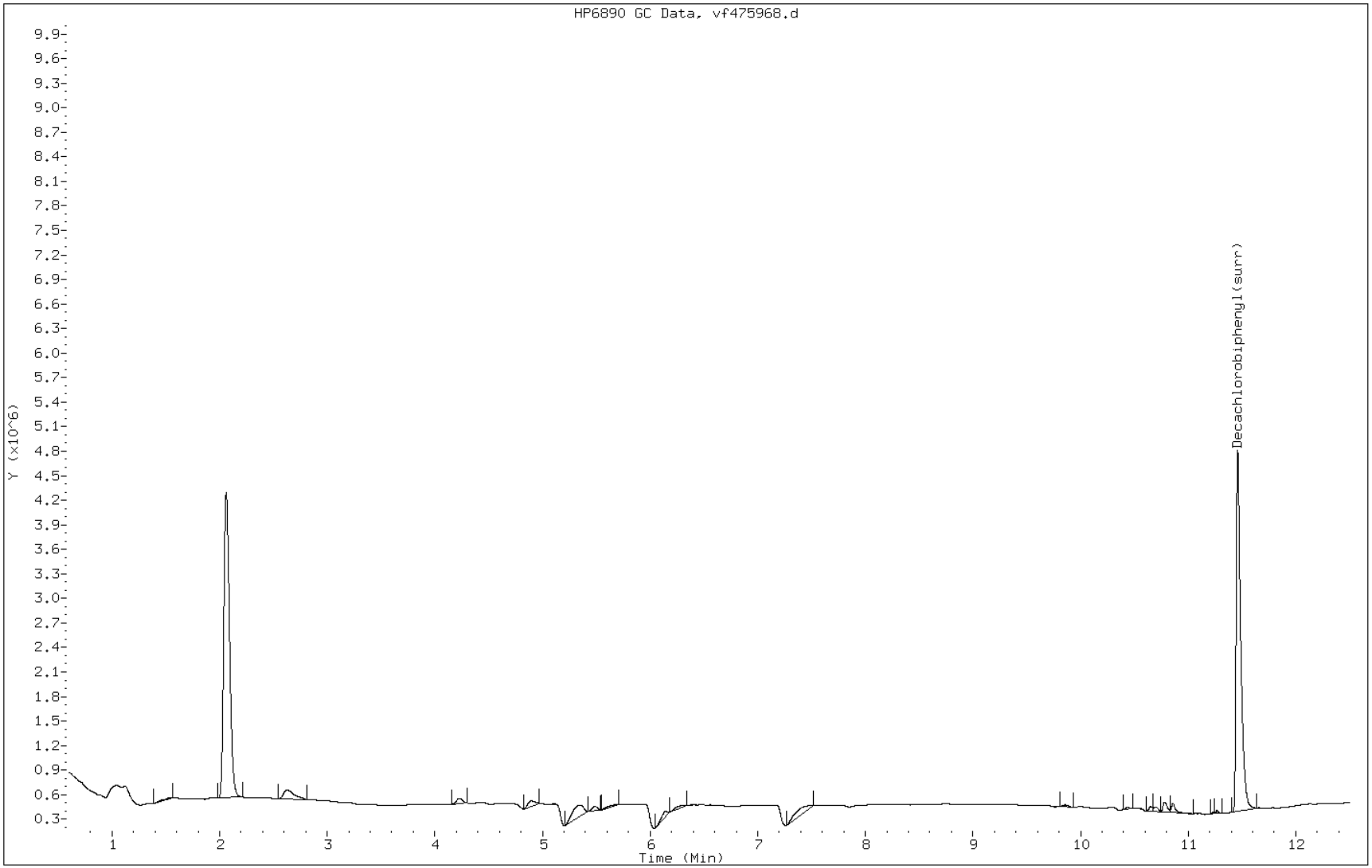
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.460	11.473	-0.013	13007243	35.8823	34	80.00- 120.00	100.00

Data File: vf475968.d

Date: 01-JUL-2012 15:21

Client ID: SF-32 Instrument: PESTGC9.i

Sample Info: 460-41730-E-8-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-32 Lab Sample ID: 460-41730-8

Matrix: Solid Lab File ID: vr475968.d

Analysis Method: 8082 Date Collected: 06/26/2012 09:30

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 15:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 29.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	95	18
11104-28-2	Aroclor 1221	29	U	95	29
11141-16-5	Aroclor 1232	54	U	95	54
53469-21-9	Aroclor 1242	18	U	95	18
12672-29-6	Aroclor 1248	25	U	95	25
11097-69-1	Aroclor 1254	32	U	95	32
11096-82-5	Aroclor 1260	11	U	95	11
37324-23-5	Aroclor 1262	16	U	95	16
11100-14-4	Aroclor 1268	16	U	95	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475968.d
Lab Smp Id: 460-41730-E-8-C Client Smp ID: SF-32
Inj Date : 01-JUL-2012 15:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-8-C
Misc Info : 460-41730-E-8-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 84
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	29.37626	% Moisture

Cpnd Variable Local Compound Variable

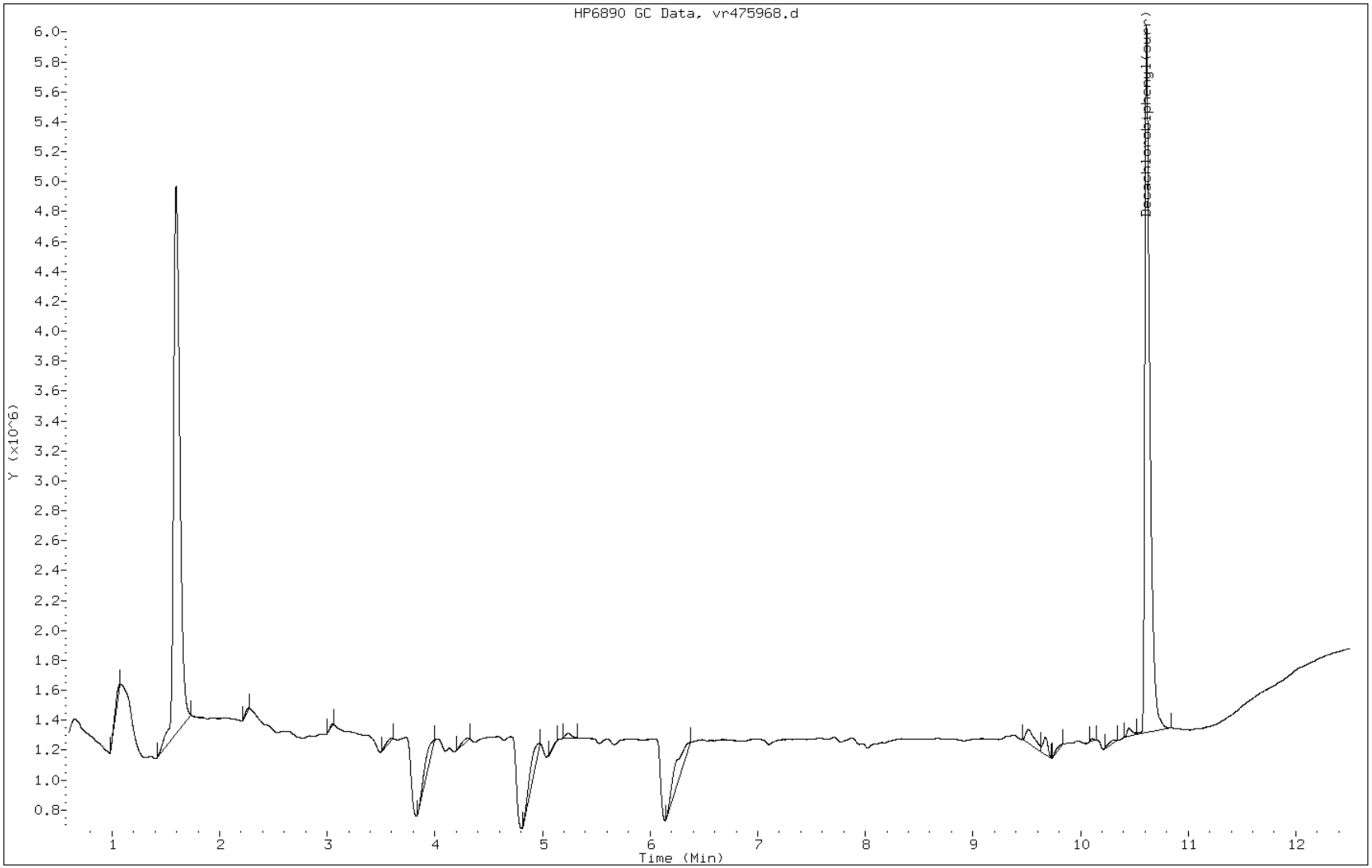
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	15240689	37.5825	35	80.00- 120.00	100.00

Data File: vr475968.d

Date: 01-JUL-2012 15:21

Client ID: SF-32 Instrument: PESTGC9.i

Sample Info: 460-41730-E-8-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 Lab Sample ID: 460-41730-9

Matrix: Solid Lab File ID: vf475969.d

Analysis Method: 8082 Date Collected: 06/26/2012 10:15

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 15:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		30-150

Data File: vf475969.d
Report Date: 02-Jul-2012 12:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475969.d
Lab Smp Id: 460-41730-E-9-C Client Smp ID: SF-33
Inj Date : 01-JUL-2012 15:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-9-C
Misc Info : 460-41730-E-9-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 85
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59696	% Moisture

Cpnd Variable Local Compound Variable

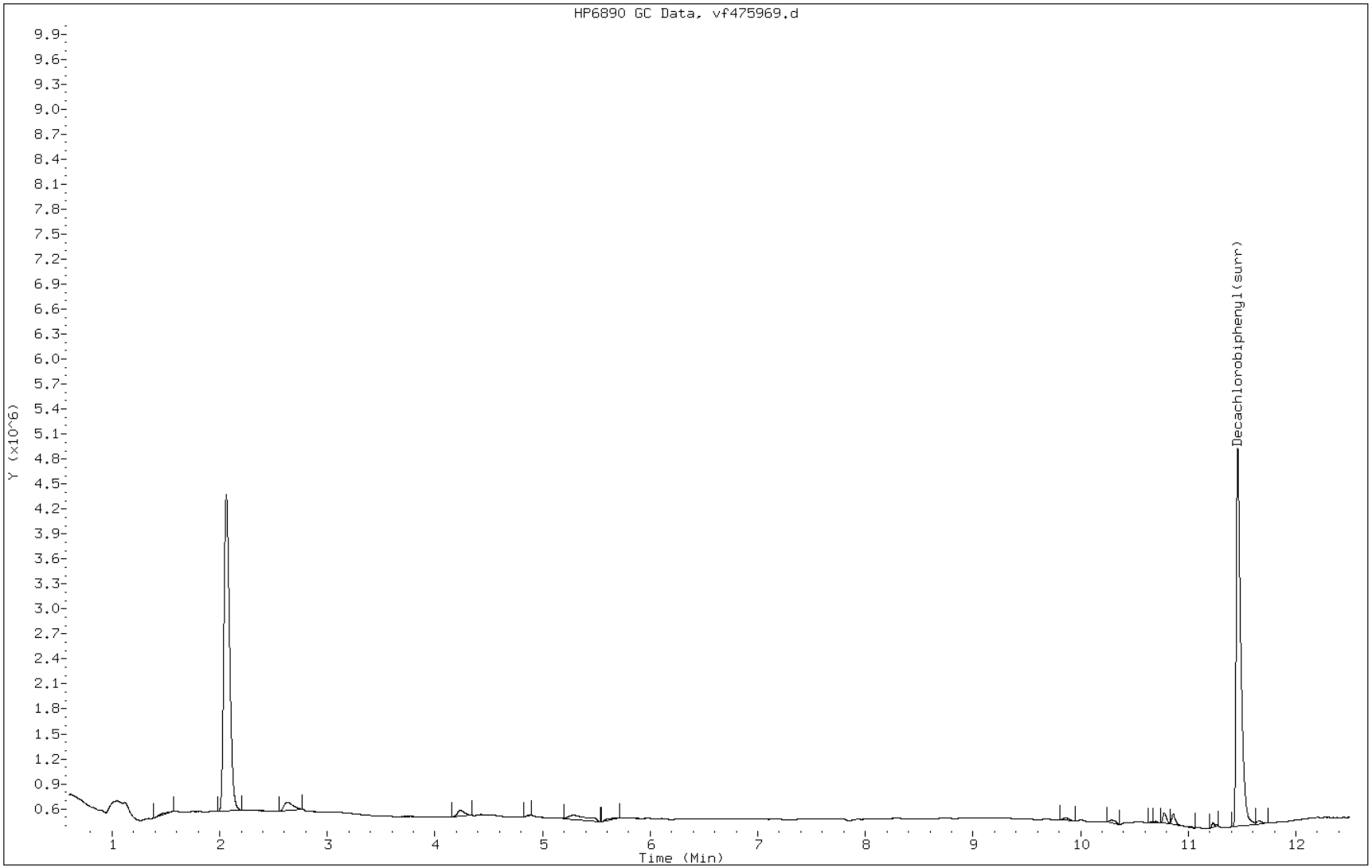
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.459	11.473	-0.014	13511868	37.2744	28	80.00- 120.00	100.00

Data File: vf475969.d

Date: 01-JUL-2012 15:37

Client ID: SF-33 Instrument: PESTGC9.i

Sample Info: 460-41730-E-9-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Matrix: Solid | Lab File ID: vr475969.d

Analysis Method: 8082 | Date Collected: 06/26/2012 10:15

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2012 15:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	76	14
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.5	U	76	8.5
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475969.d
Lab Smp Id: 460-41730-E-9-C Client Smp ID: SF-33
Inj Date : 01-JUL-2012 15:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-9-C
Misc Info : 460-41730-E-9-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 85
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59696	% Moisture

Cpnd Variable Local Compound Variable

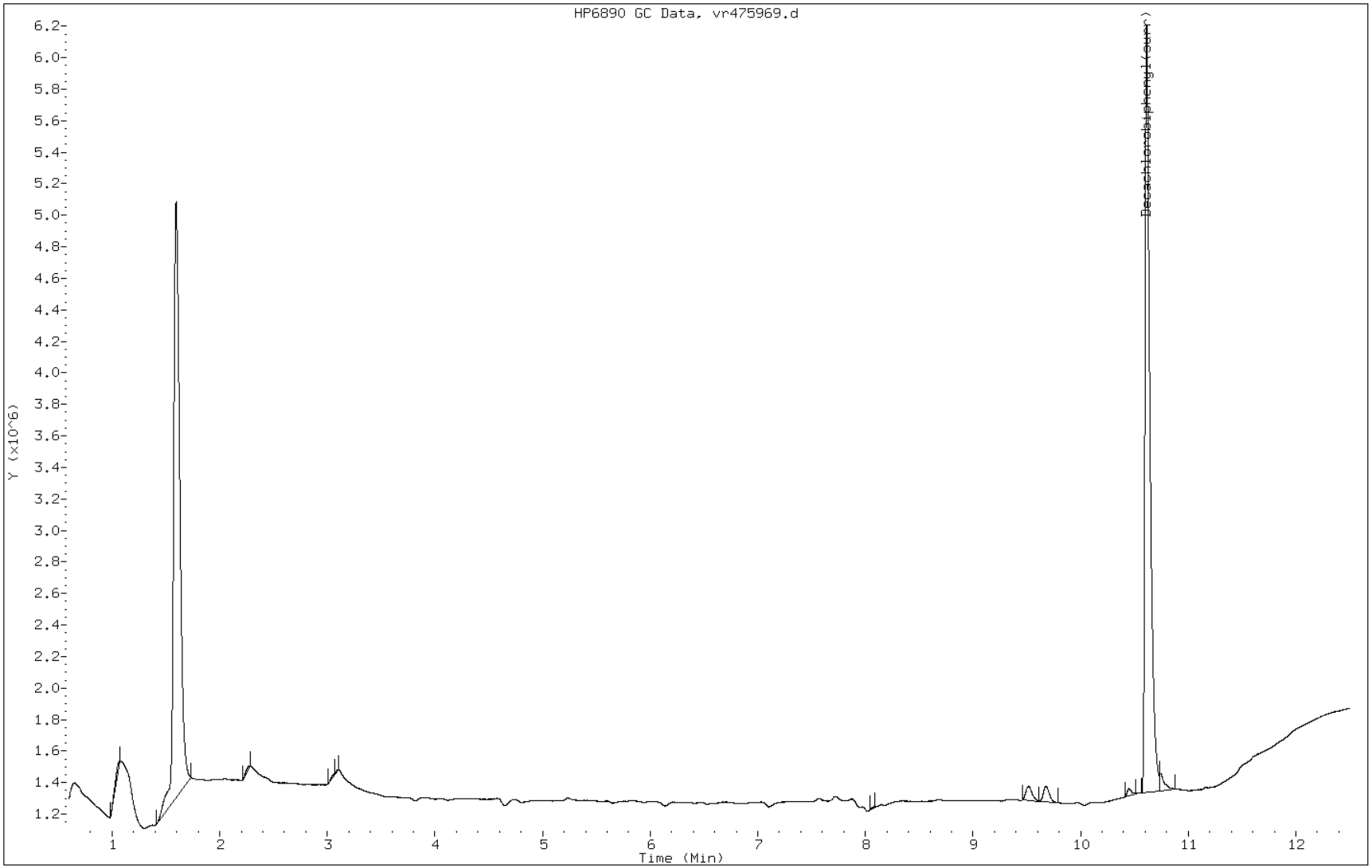
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	15516117	38.2617	29	80.00- 120.00	100.00

Data File: vr475969.d

Date: 01-JUL-2012 15:37

Client ID: SF-33 Instrument: PESTGC9.i

Sample Info: 460-41730-E-9-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H Lab Sample ID: 460-41730-10

Matrix: Solid Lab File ID: vf475970.d

Analysis Method: 8082 Date Collected: 06/25/2012 00:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 15:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		30-150

Data File: vf475970.d
Report Date: 02-Jul-2012 12:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475970.d
Lab Smp Id: 460-41730-E-10-C Client Smp ID: FD-H
Inj Date : 01-JUL-2012 15:53
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-10-C
Misc Info : 460-41730-E-10-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 86
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.64355	% Moisture

Cpnd Variable Local Compound Variable

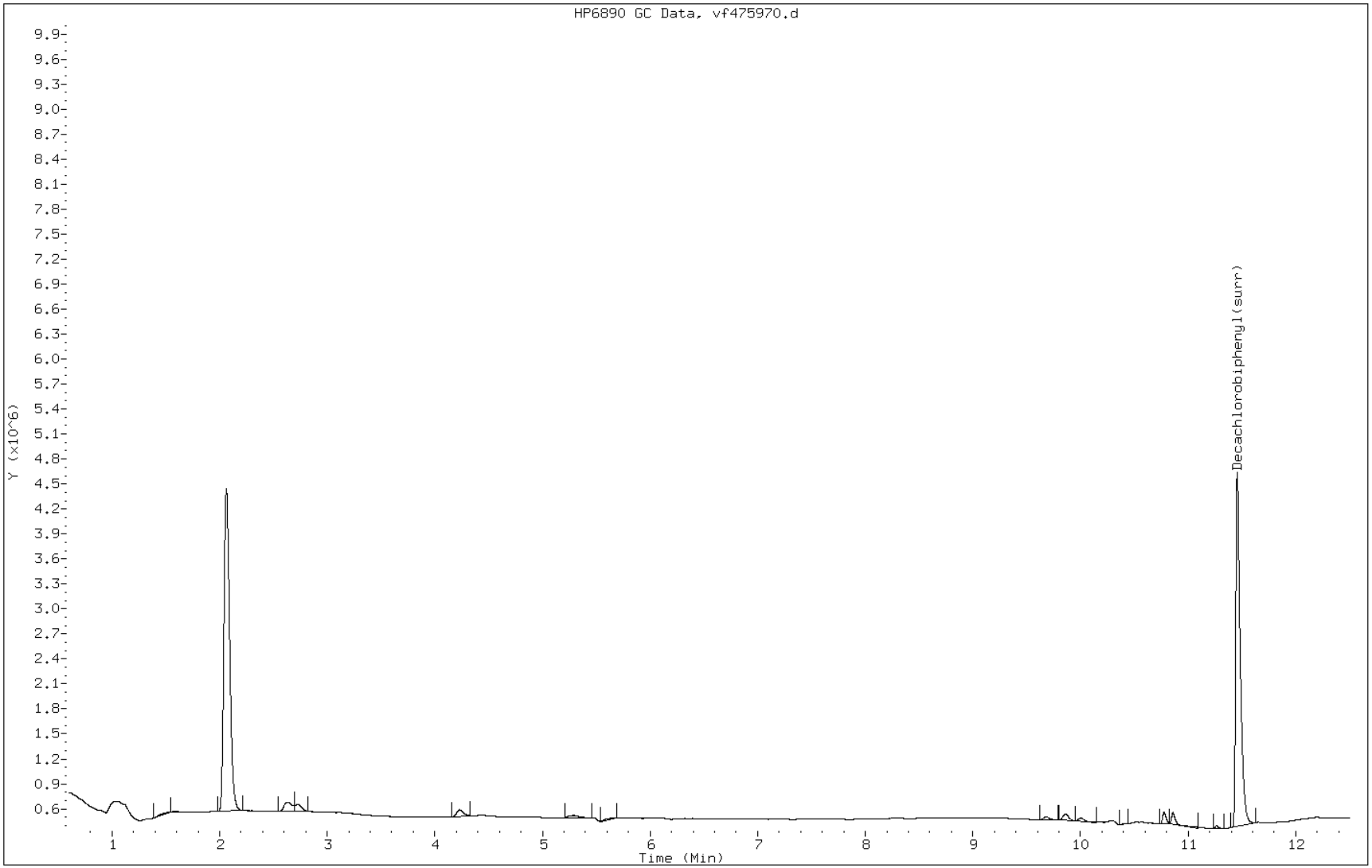
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.457	11.473	-0.016	12378442	34.1476	27	80.00- 120.00	100.00

Data File: vf475970.d

Date: 01-JUL-2012 15:53

Client ID: FD-H Instrument: PESTGC9.i

Sample Info: 460-41730-E-10-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-H | Lab Sample ID: 460-41730-10

Matrix: Solid | Lab File ID: vr475970.d

Analysis Method: 8082 | Date Collected: 06/25/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) | Date Analyzed: 07/01/2012 15:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	24	U	78	24
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475970.d
Lab Smp Id: 460-41730-E-10-C Client Smp ID: FD-H
Inj Date : 01-JUL-2012 15:53
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-10-C
Misc Info : 460-41730-E-10-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 86
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.64355	% Moisture

Cpnd Variable Local Compound Variable

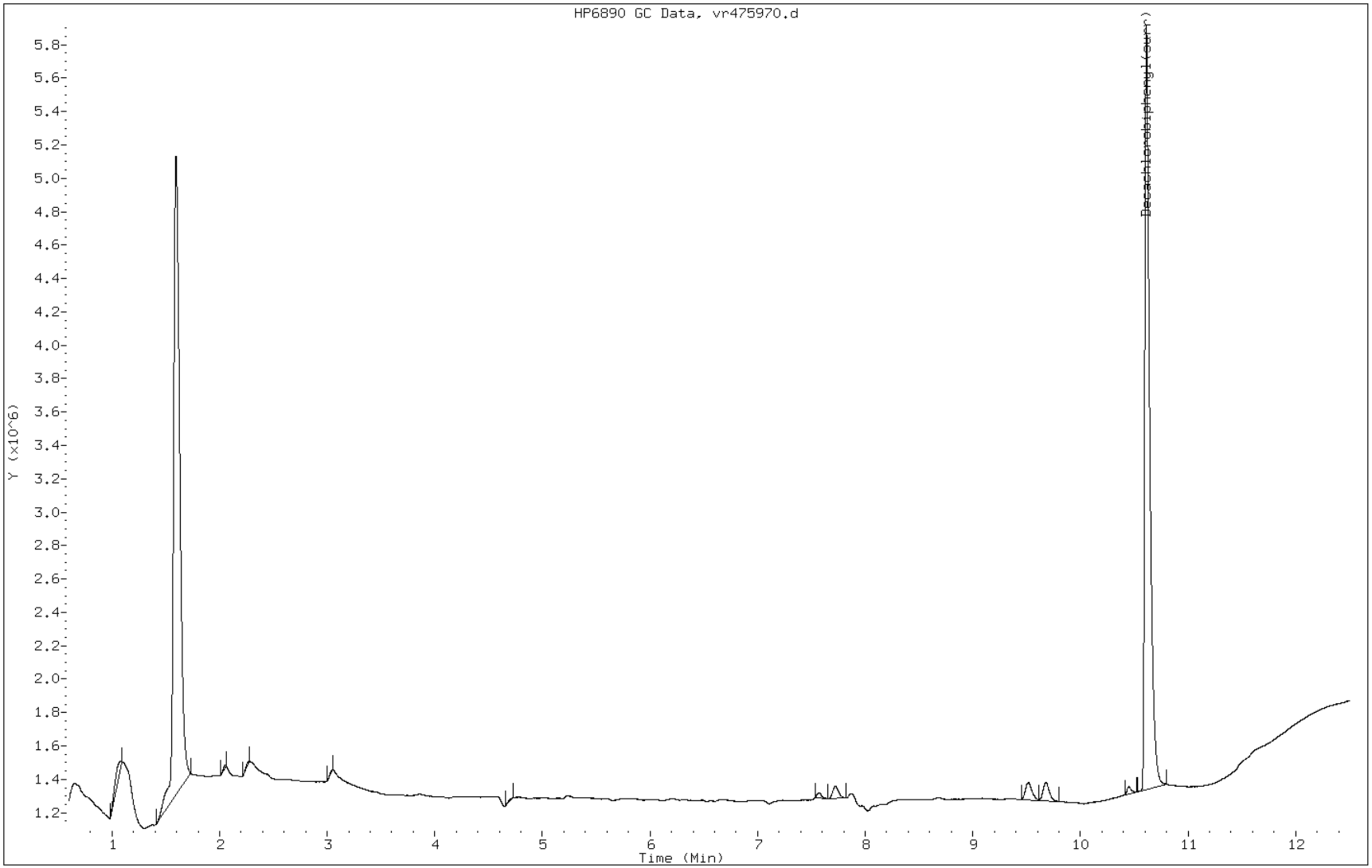
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	14436303	35.5990	28	80.00- 120.00	100.00

Data File: vr475970.d

Date: 01-JUL-2012 15:53

Client ID: FD-H Instrument: PESTGC9.i

Sample Info: 460-41730-E-10-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 Lab Sample ID: 460-41730-11

Matrix: Solid Lab File ID: vf475971.d

Analysis Method: 8082 Date Collected: 06/25/2012 10:38

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 16:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		30-150

Data File: vf475971.d
Report Date: 02-Jul-2012 12:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475971.d
Lab Smp Id: 460-41730-E-11-C Client Smp ID: F-17
Inj Date : 01-JUL-2012 16:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-11-C
Misc Info : 460-41730-E-11-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 87
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	6.62021	% Moisture

Cpnd Variable Local Compound Variable

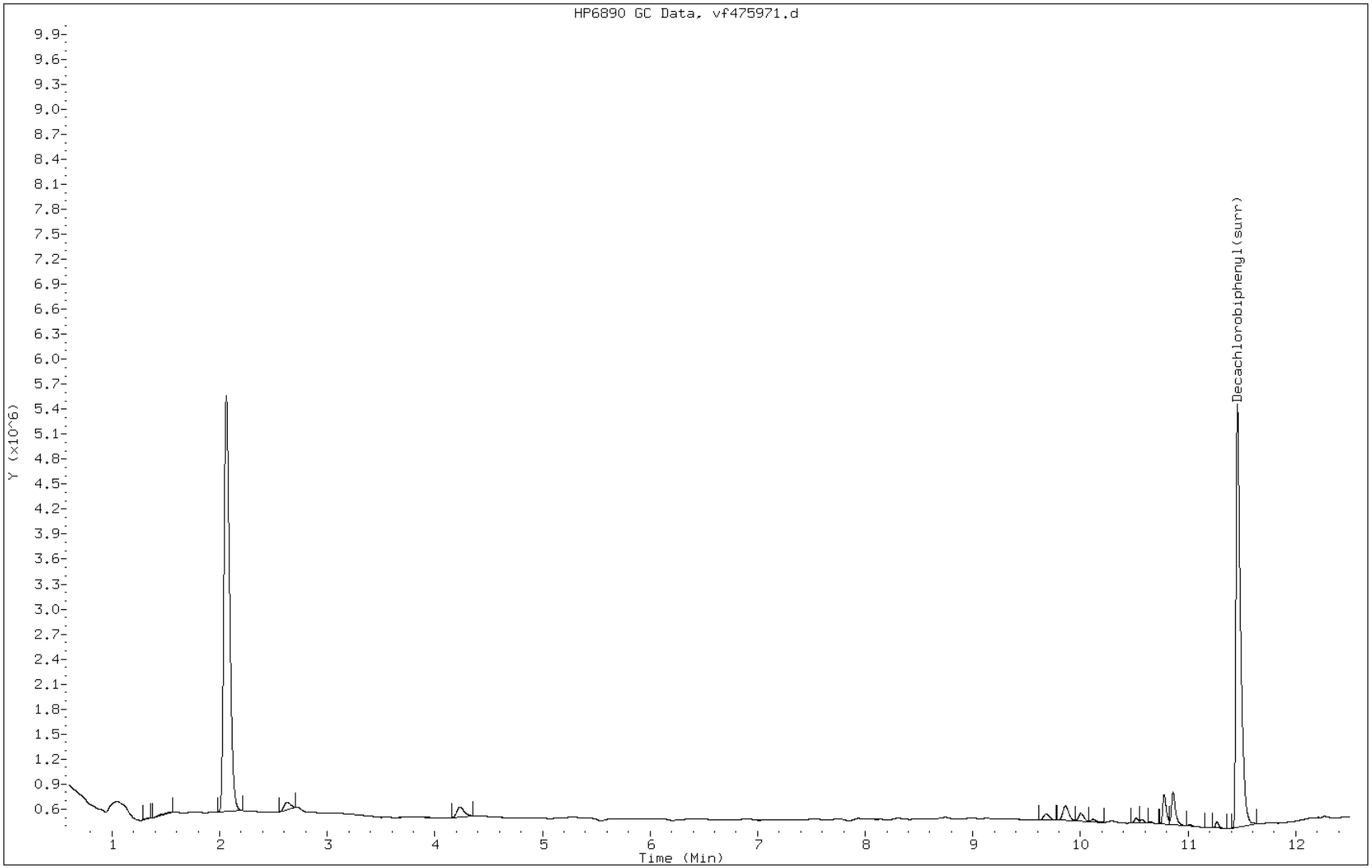
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.459	11.473	-0.014	15022799	41.4425	30	80.00- 120.00	100.00

Data File: vf475971.d

Date: 01-JUL-2012 16:09

Client ID: F-17 Instrument: PESTGC9.i

Sample Info: 460-41730-E-11-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-17 Lab Sample ID: 460-41730-11

Matrix: Solid Lab File ID: vr475971.d

Analysis Method: 8082 Date Collected: 06/25/2012 10:38

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 16:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	72	14
11104-28-2	Aroclor 1221	22	U	72	22
11141-16-5	Aroclor 1232	41	U	72	41
53469-21-9	Aroclor 1242	14	U	72	14
12672-29-6	Aroclor 1248	19	U	72	19
11097-69-1	Aroclor 1254	24	U	72	24
11096-82-5	Aroclor 1260	8.0	U	72	8.0
37324-23-5	Aroclor 1262	12	U	72	12
11100-14-4	Aroclor 1268	12	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475971.d
Lab Smp Id: 460-41730-E-11-C Client Smp ID: F-17
Inj Date : 01-JUL-2012 16:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-11-C
Misc Info : 460-41730-E-11-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 87
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	6.62021	% Moisture

Cpnd Variable Local Compound Variable

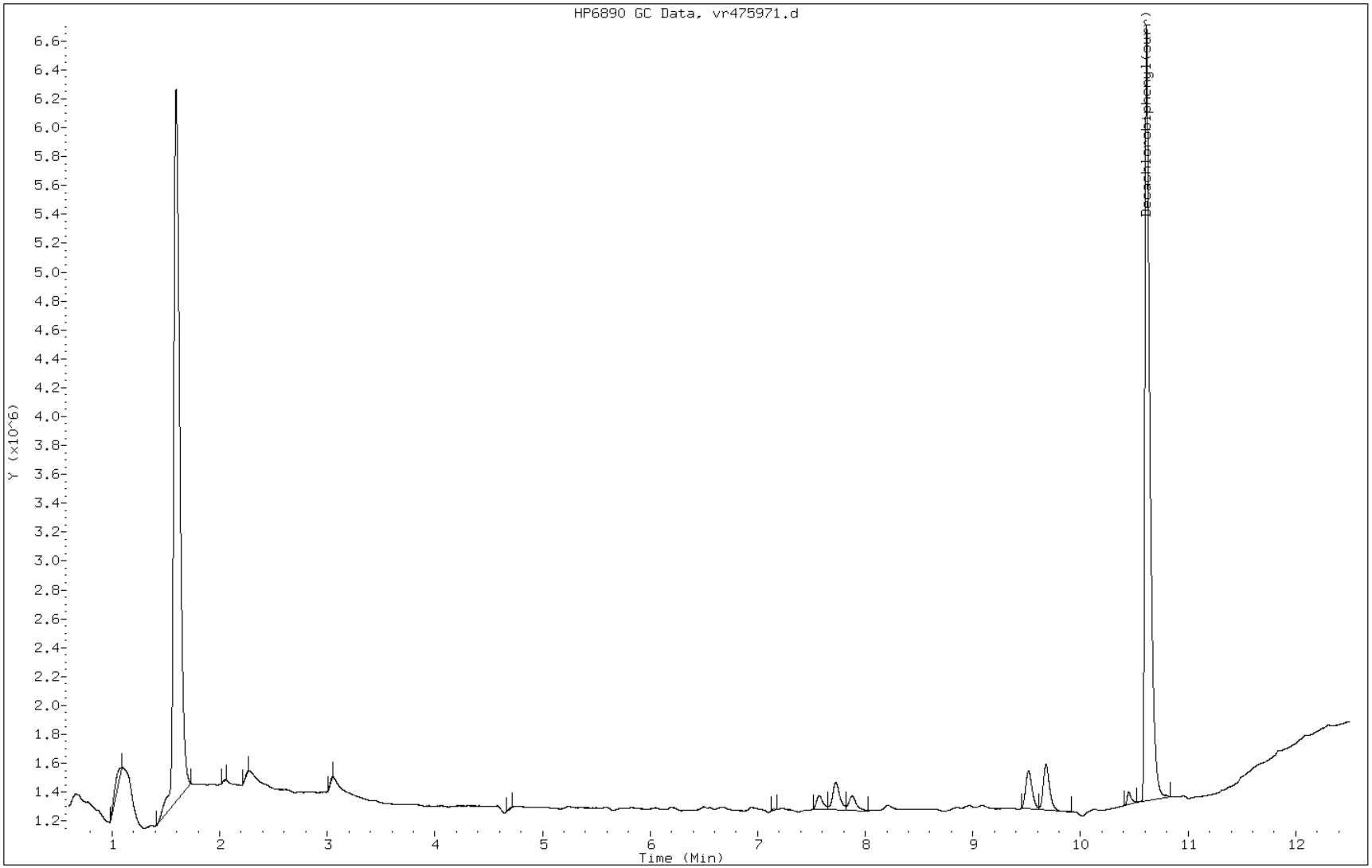
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	17343763	42.7686	30	80.00- 120.00	100.00

Data File: vr475971.d

Date: 01-JUL-2012 16:09

Client ID: F-17 Instrument: PESTGC9.i

Sample Info: 460-41730-E-11-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 Lab Sample ID: 460-41730-12

Matrix: Solid Lab File ID: vf475972.d

Analysis Method: 8082 Date Collected: 06/25/2012 12:50

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) Date Analyzed: 07/01/2012 16:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		30-150

Data File: vf475972.d
Report Date: 02-Jul-2012 12:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475972.d
Lab Smp Id: 460-41730-E-12-C Client Smp ID: F-18
Inj Date : 01-JUL-2012 16:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-12-C
Misc Info : 460-41730-E-12-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.90909	% Moisture

Cpnd Variable Local Compound Variable

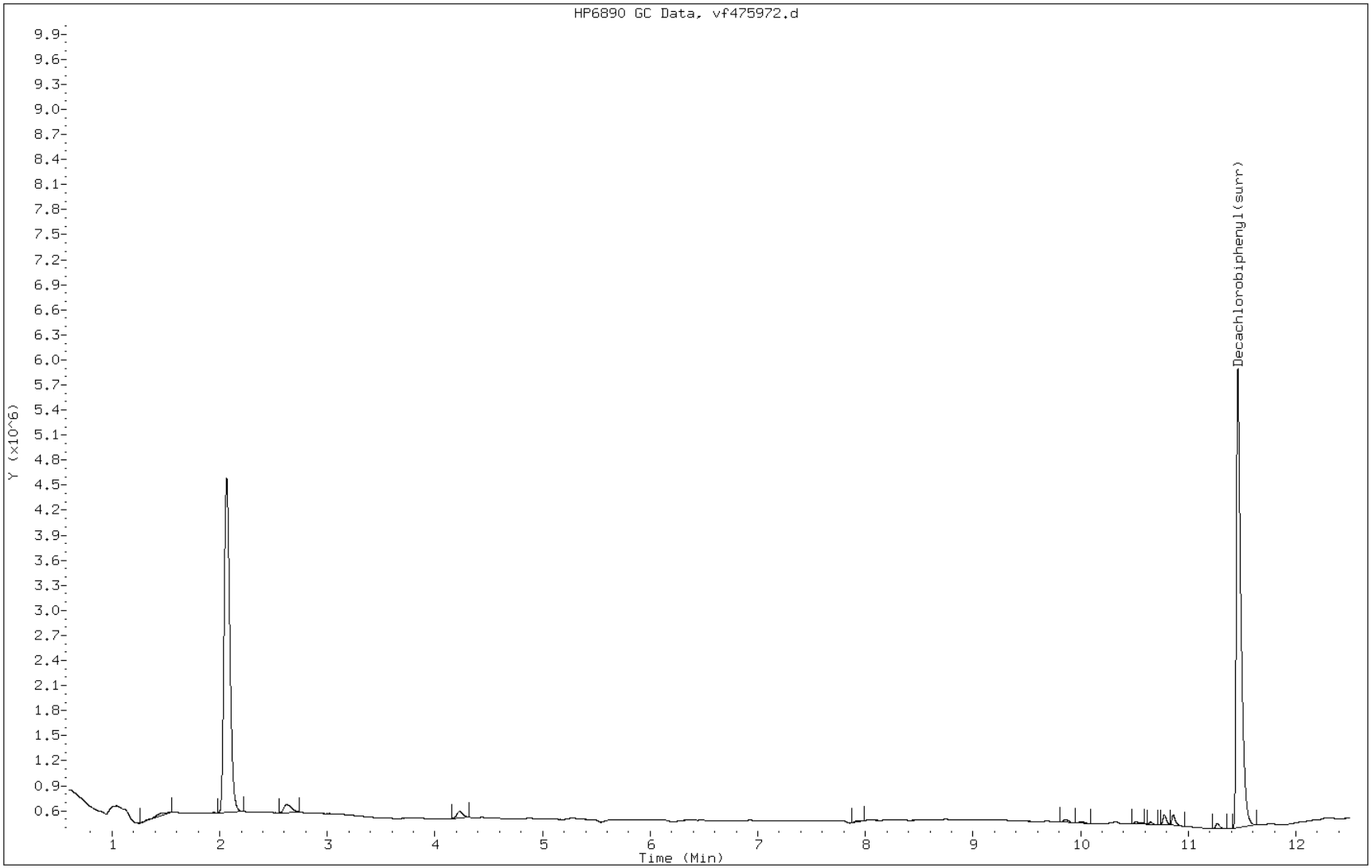
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.461	11.473	-0.012	16320886	45.0234	33	80.00- 120.00	100.00

Data File: vf475972.d

Date: 01-JUL-2012 16:25

Client ID: F-18 Instrument: PESTGC9.i

Sample Info: 460-41730-E-12-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Matrix: Solid | Lab File ID: vr475972.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:50

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) | Date Analyzed: 07/01/2012 16:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	73	14
11104-28-2	Aroclor 1221	22	U	73	22
11141-16-5	Aroclor 1232	42	U	73	42
53469-21-9	Aroclor 1242	14	U	73	14
12672-29-6	Aroclor 1248	20	U	73	20
11097-69-1	Aroclor 1254	25	U	73	25
11096-82-5	Aroclor 1260	8.2	U	73	8.2
37324-23-5	Aroclor 1262	13	U	73	13
11100-14-4	Aroclor 1268	13	U	73	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475972.d
Lab Smp Id: 460-41730-E-12-C Client Smp ID: F-18
Inj Date : 01-JUL-2012 16:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-12-C
Misc Info : 460-41730-E-12-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.90909	% Moisture

Cpnd Variable Local Compound Variable

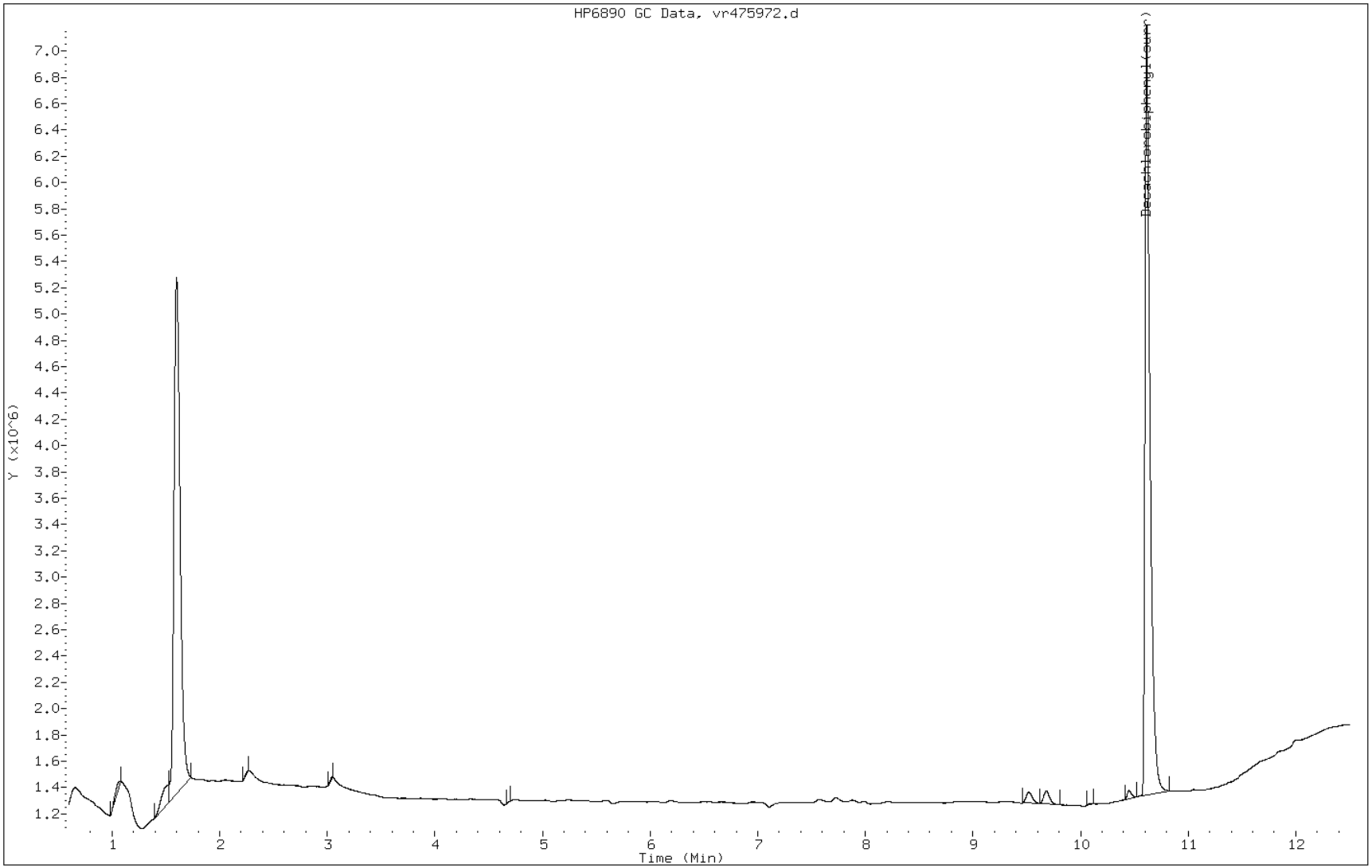
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	18846732	46.4748	34	80.00- 120.00	100.00

Data File: vr475972.d

Date: 01-JUL-2012 16:25

Client ID: F-18 Instrument: PESTGC9.i

Sample Info: 460-41730-E-12-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Matrix: Solid Lab File ID: vf475973.d

Analysis Method: 8082 Date Collected: 06/25/2012 12:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) Date Analyzed: 07/01/2012 16:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		30-150

Data File: vf475973.d
Report Date: 02-Jul-2012 12:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475973.d
Lab Smp Id: 460-41730-E-13-C Client Smp ID: F-19
Inj Date : 01-JUL-2012 16:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-13-C
Misc Info : 460-41730-E-13-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 89
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	14.15771	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
53 Aroclor-1262					CAS #: 37324-23-5		
7.505	7.511	-0.006	559961	24.9055	19	80.00- 120.00	100.00(M)
7.937	7.945	-0.008	1004657	37.0626	29	96.45- 144.68	179.42
8.991	8.996	-0.005	753723	20.9019	16	128.31- 192.46	134.60
9.682	9.683	-0.001	704529	26.0252	20	96.32- 144.49	125.82
10.519	10.524	-0.005	1245939	45.4114	35	97.62- 146.44	222.50
10.563	10.561	0.002	871426	30.0878	23	103.05- 154.58	155.62
11.016	11.025	-0.009	491287	26.8098	21	65.20- 97.80	87.74
11.268	11.280	-0.012	0			19.26- 28.89	0.00
		Average of Peak Concentrations =			23		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.460	11.473	-0.013	10942361	30.1860	23	80.00- 120.00	100.00

Data File: vf475973.d
Report Date: 02-Jul-2012 12:46

QC Flag Legend

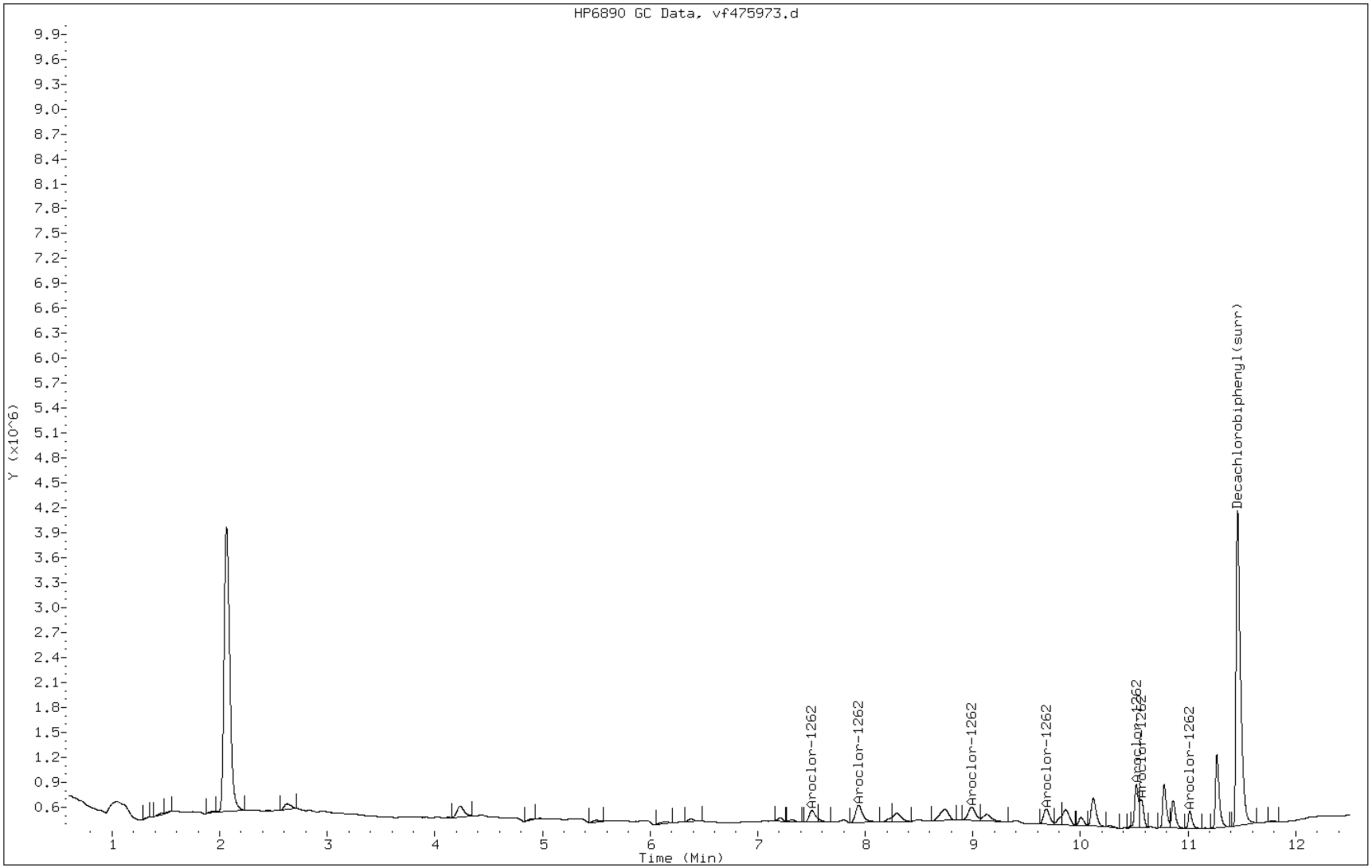
M - Compound response manually integrated.

Data File: vf475973.d

Date: 01-JUL-2012 16:41

Client ID: F-19 Instrument: PESTGC9.i

Sample Info: 460-41730-E-13-C Operator: 615



Manual Integration Report

Data File: vf475973.d
Inj. Date and Time: 01-JUL-2012 16:41
Instrument ID: PESTGC9.i
Client ID: F-19
Compound: 53 Aroclor-1262
CAS #: 37324-23-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

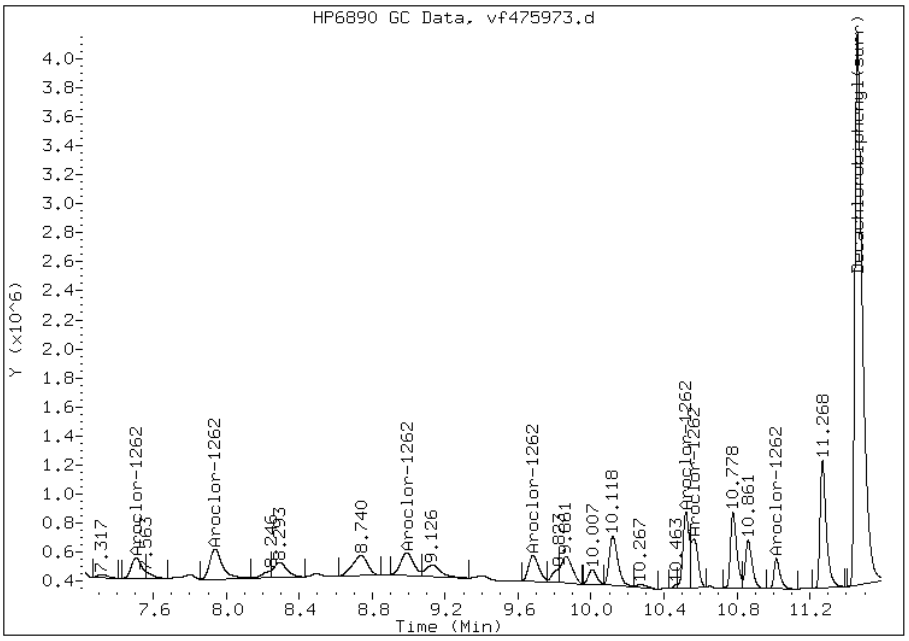
Manual Integration Results

RT: 7.51

Response: 559961

Amount: 30.17

Conc: 23.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Matrix: Solid Lab File ID: vr475973.d

Analysis Method: 8082 Date Collected: 06/25/2012 12:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.01(g) Date Analyzed: 07/01/2012 16:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	24	U	78	24
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	27	J	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	59		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475973.d
Lab Smp Id: 460-41730-E-13-C Client Smp ID: F-19
Inj Date : 01-JUL-2012 16:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-13-C
Misc Info : 460-41730-E-13-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 89
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	14.15771	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
53 Aroclor-1262					CAS #: 37324-23-5		
5.827	5.830	-0.003	302826	20.7212	16	80.00- 120.00	100.00(M)
6.050	6.054	-0.004	614186	29.5432	23	113.80- 170.70	202.82
6.943	6.945	-0.002	904507	58.8812	46	84.09- 126.14	298.69
7.146	7.147	-0.001	784859	19.8805	15	216.11- 324.17	259.18
7.578	7.582	-0.004	1115742	41.5365	32	147.04- 220.57	368.44
8.854	8.860	-0.006	778308	34.7807	27	122.50- 183.75	257.01
9.083	9.076	0.007	1479375	45.7315	35	177.08- 265.62	488.52
10.131	10.133	-0.002	767027	29.6566	23	141.58- 212.37	253.29
Average of Peak Concentrations =					27		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	12007004	29.6085	23	80.00- 120.00	100.00

QC Flag Legend

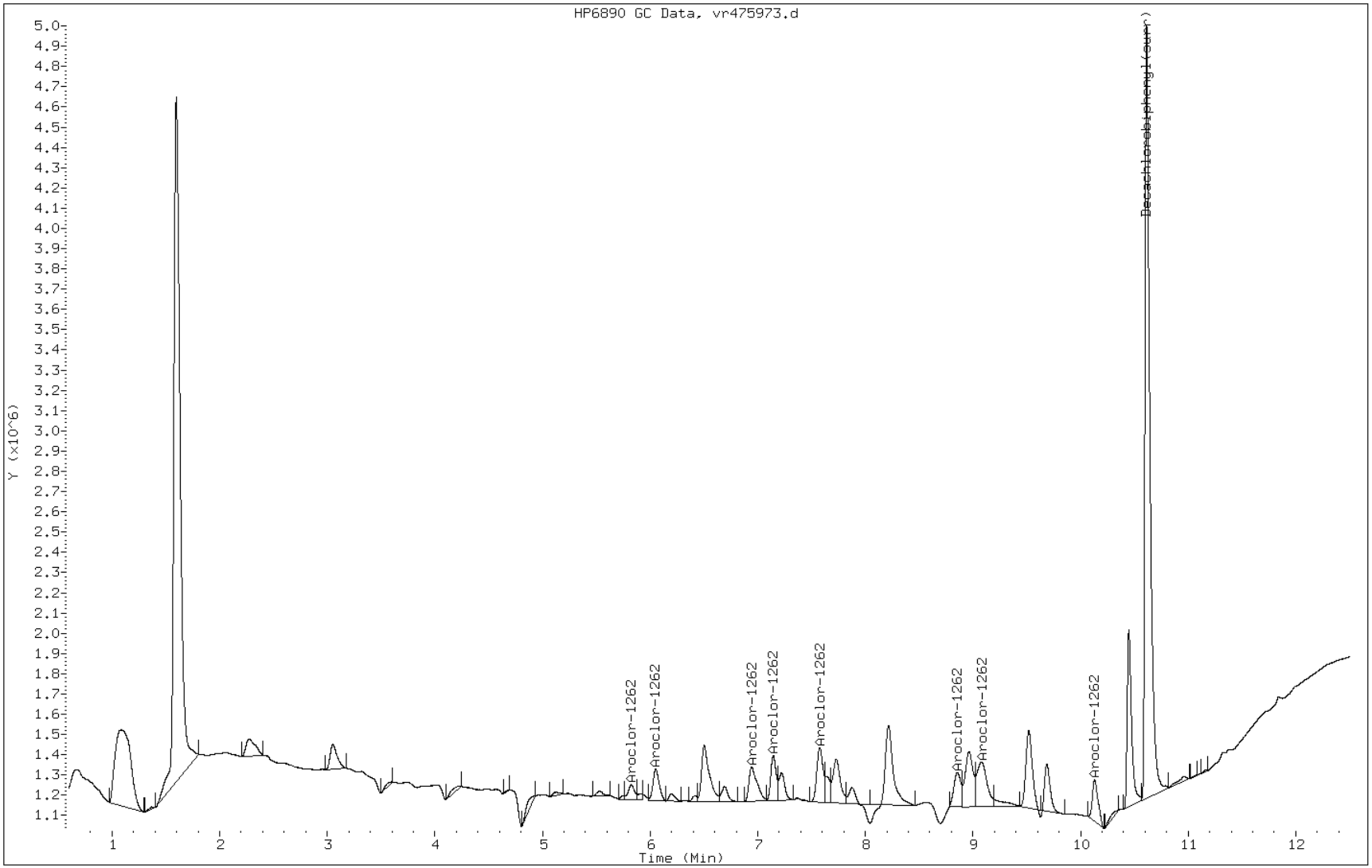
M - Compound response manually integrated.

Data File: vr475973.d

Date: 01-JUL-2012 16:41

Client ID: F-19 Instrument: PESTGC9.i

Sample Info: 460-41730-E-13-C Operator: 615



Manual Integration Report

Data File: vr475973.d
Inj. Date and Time: 01-JUL-2012 16:41
Instrument ID: PESTGC9.i
Client ID: F-19
Compound: 53 Aroclor-1262
CAS #: 37324-23-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 5.83

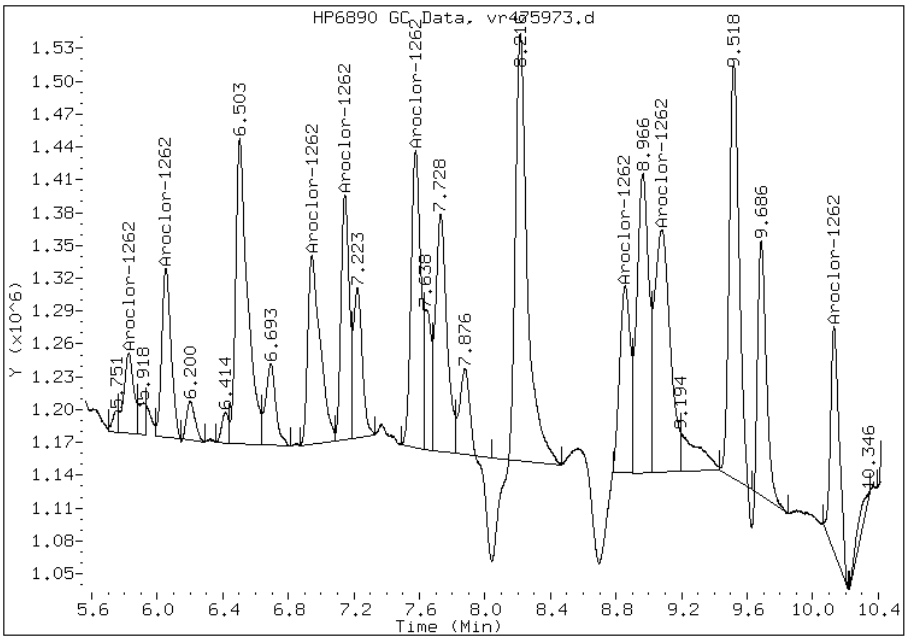
Manual Integration Results

RT: 5.83

Response: 302826

Amount: 35.09

Conc: 27.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 Lab Sample ID: 460-41730-14

Matrix: Solid Lab File ID: vf475974.d

Analysis Method: 8082 Date Collected: 06/25/2012 13:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 16:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
37324-23-5	Aroclor 1262	300		79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

Data File: vf475974.d
Report Date: 02-Jul-2012 12:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475974.d
Lab Smp Id: 460-41730-E-14-C Client Smp ID: F-20
Inj Date : 01-JUL-2012 16:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-14-C
Misc Info : 460-41730-E-14-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	15.56886	% Moisture

Cpnd Variable Local Compound Variable

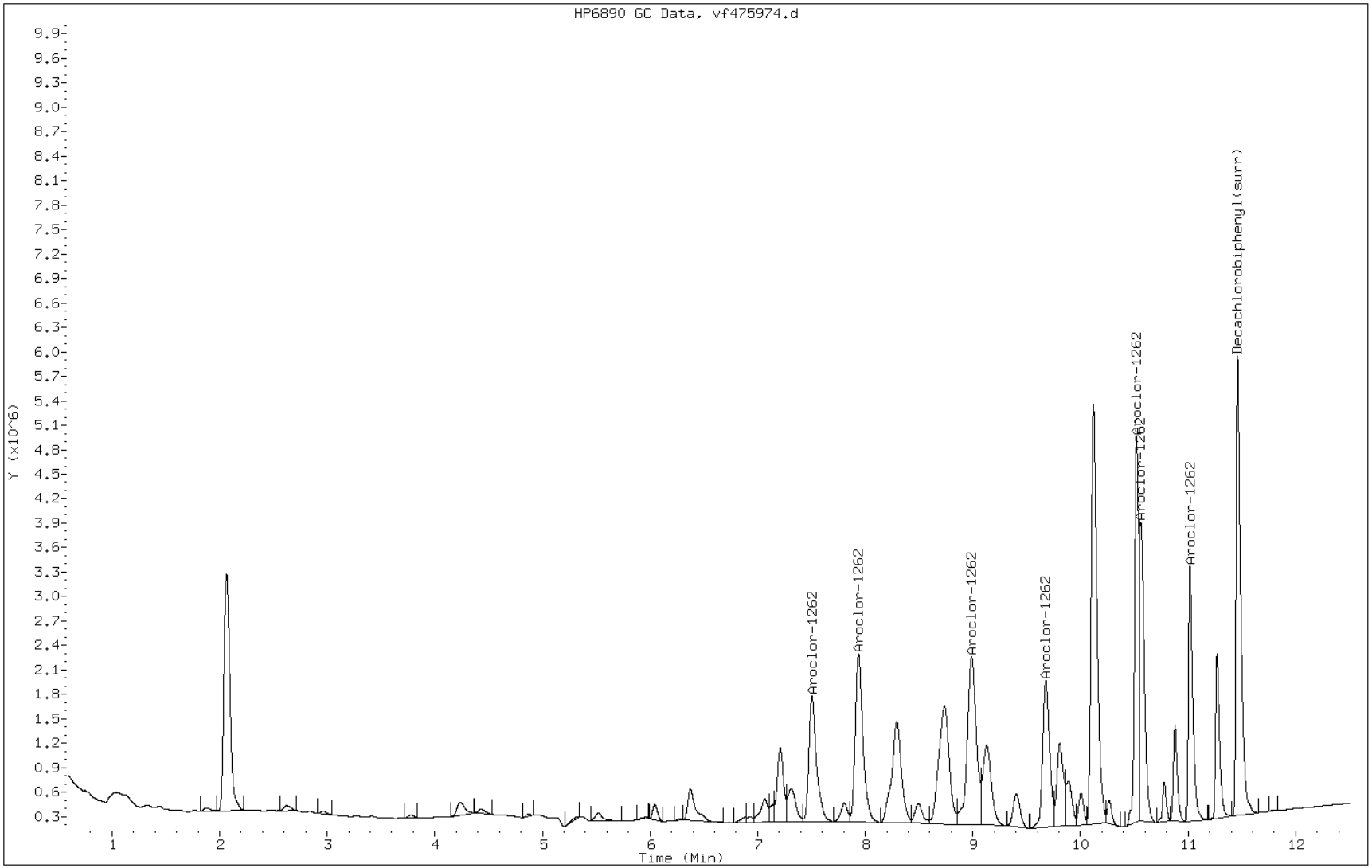
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
53 Aroclor-1262					CAS #: 37324-23-5		
7.505	7.511	-0.006	7663639	340.857	270	80.00- 120.00	100.00
7.938	7.945	-0.007	10262998	378.610	300	96.45- 144.68	133.92
8.989	8.996	-0.007	12118327	336.059	260	128.31- 192.46	158.13
9.677	9.683	-0.006	8131471	300.375	240	96.32- 144.49	106.10
10.521	10.524	-0.003	11781013	429.389	340	97.62- 146.44	153.73
10.560	10.561	-0.001	11702940	404.068	320	103.05- 154.58	152.71
11.017	11.025	-0.008	8603333	469.489	370	65.20- 97.80	112.26
11.269	11.280	-0.011	0			19.26- 28.89	0.00
		Average of Peak Concentrations =			300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.460	11.473	-0.013	16713387	46.1062	36	80.00- 120.00	100.00

Data File: vf475974.d

Date: 01-JUL-2012 16:57

Client ID: F-20 Instrument: PESTGC9.i

Sample Info: 460-41730-E-14-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-20 Lab Sample ID: 460-41730-14

Matrix: Solid Lab File ID: vr475974.d

Analysis Method: 8082 Date Collected: 06/25/2012 13:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 16:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	79	15
11104-28-2	Aroclor 1221	24	U	79	24
11141-16-5	Aroclor 1232	45	U	79	45
53469-21-9	Aroclor 1242	15	U	79	15
12672-29-6	Aroclor 1248	21	U	79	21
11097-69-1	Aroclor 1254	27	U	79	27
11096-82-5	Aroclor 1260	8.8	U	79	8.8
11100-14-4	Aroclor 1268	14	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475974.d
Lab Smp Id: 460-41730-E-14-C Client Smp ID: F-20
Inj Date : 01-JUL-2012 16:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-14-C
Misc Info : 460-41730-E-14-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	15.56886	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
53 Aroclor-1262					CAS #: 37324-23-5		
5.825	5.830	-0.005	4625624	316.513	250	80.00- 120.00	100.00(M)
6.051	6.054	-0.003	7101453	341.589	270	113.80- 170.70	153.52
6.942	6.945	-0.003	6469397	421.142	330	84.09- 126.14	139.86
7.143	7.147	-0.004	12322092	312.119	240	216.11- 324.17	266.39
7.578	7.582	-0.004	8804843	327.784	260	147.04- 220.57	190.35
8.857	8.860	-0.003	9120115	407.556	320	122.50- 183.75	197.17
9.075	9.076	-0.001	12392534	383.087	300	177.08- 265.62	267.91
10.131	10.133	-0.002	9121921	352.694	280	141.58- 212.37	197.20
Average of Peak Concentrations =					280		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	15404461	37.9864	30	80.00- 120.00	100.00

QC Flag Legend

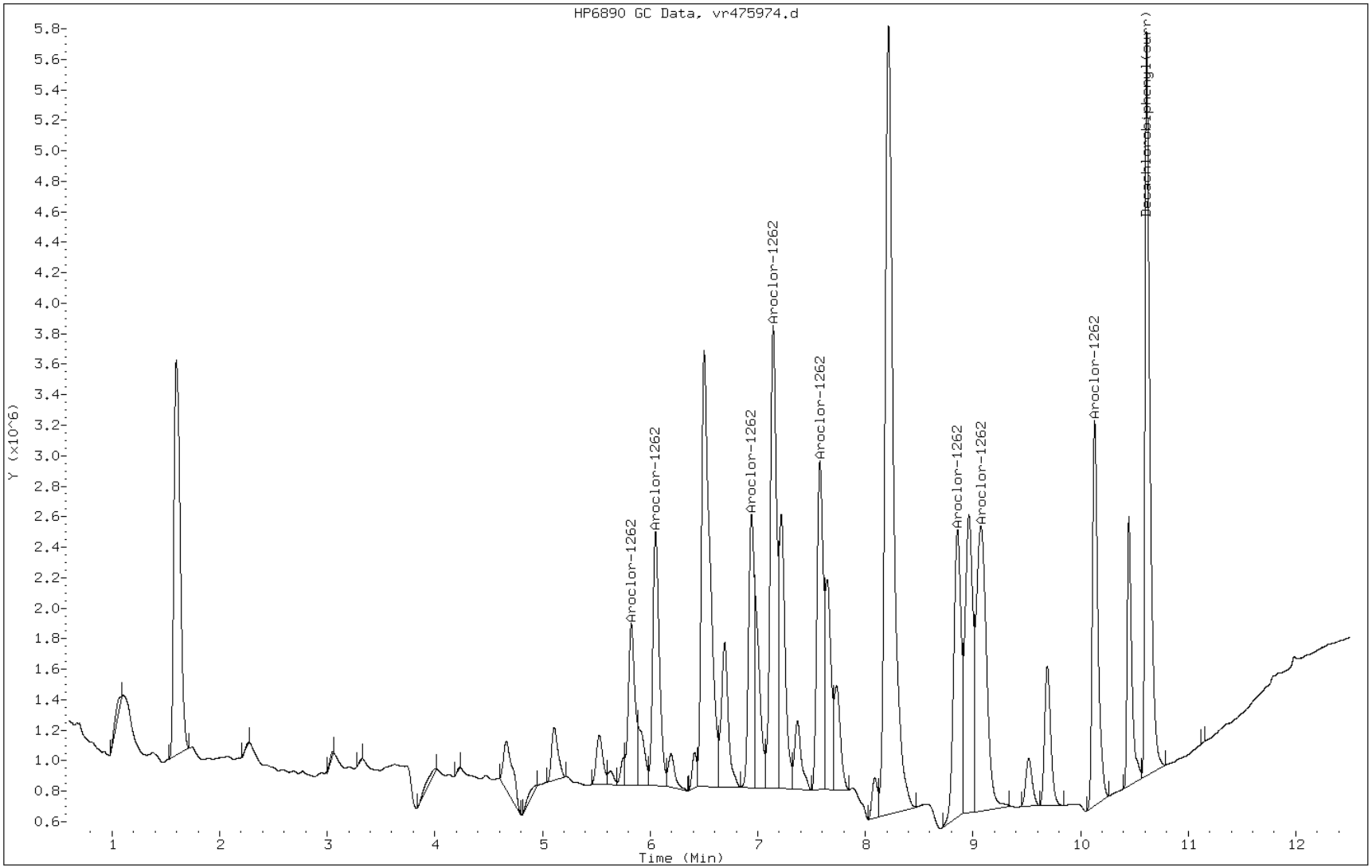
M - Compound response manually integrated.

Data File: vr475974.d

Date: 01-JUL-2012 16:57

Client ID: F-20 Instrument: PESTGC9.i

Sample Info: 460-41730-E-14-C Operator: 615



Manual Integration Report

Data File: vr475974.d
Inj. Date and Time: 01-JUL-2012 16:57
Instrument ID: PESTGC9.i
Client ID: F-20
Compound: 53 Aroclor-1262
CAS #: 37324-23-5
Report Date: 07/02/2012

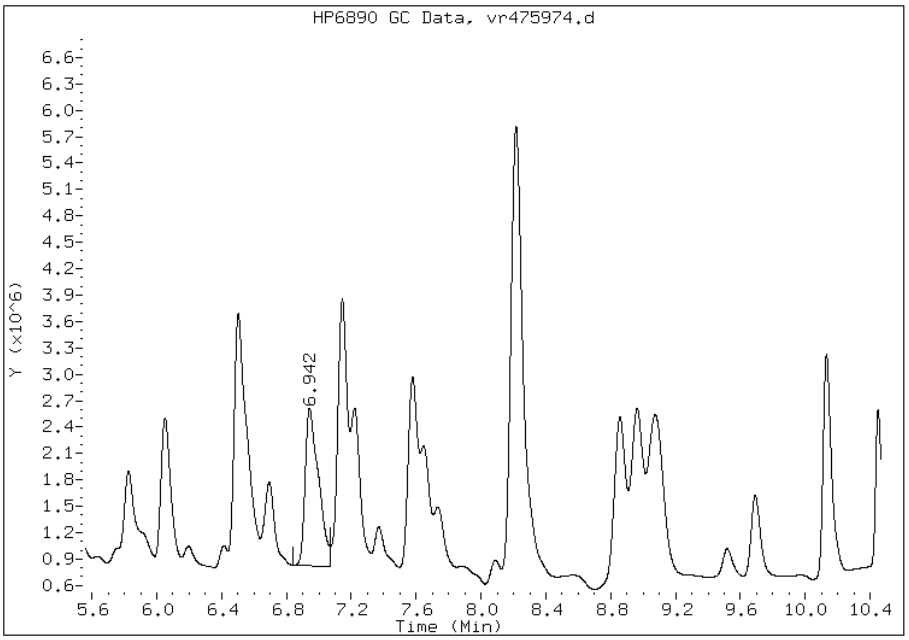
Processing Integration Results

RT: 6.94

Response: 10313837

Amount: 389.09

Conc: 310.00



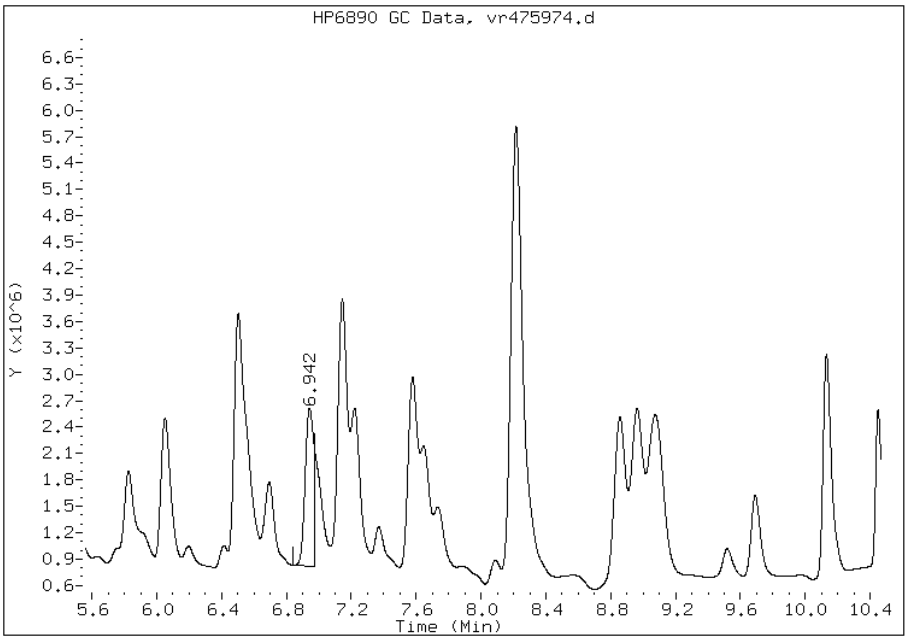
Manual Integration Results

RT: 6.94

Response: 6469397

Amount: 357.81

Conc: 280.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 Lab Sample ID: 460-41730-15

Matrix: Solid Lab File ID: vf475975.d

Analysis Method: 8082 Date Collected: 06/26/2012 09:20

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 17:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	54		30-150

Data File: vf475975.d
Report Date: 02-Jul-2012 12:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475975.d
Lab Smp Id: 460-41730-E-15-C Client Smp ID: F-21
Inj Date : 01-JUL-2012 17:12
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-15-C
Misc Info : 460-41730-E-15-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.53846	% Moisture

Cpnd Variable Local Compound Variable

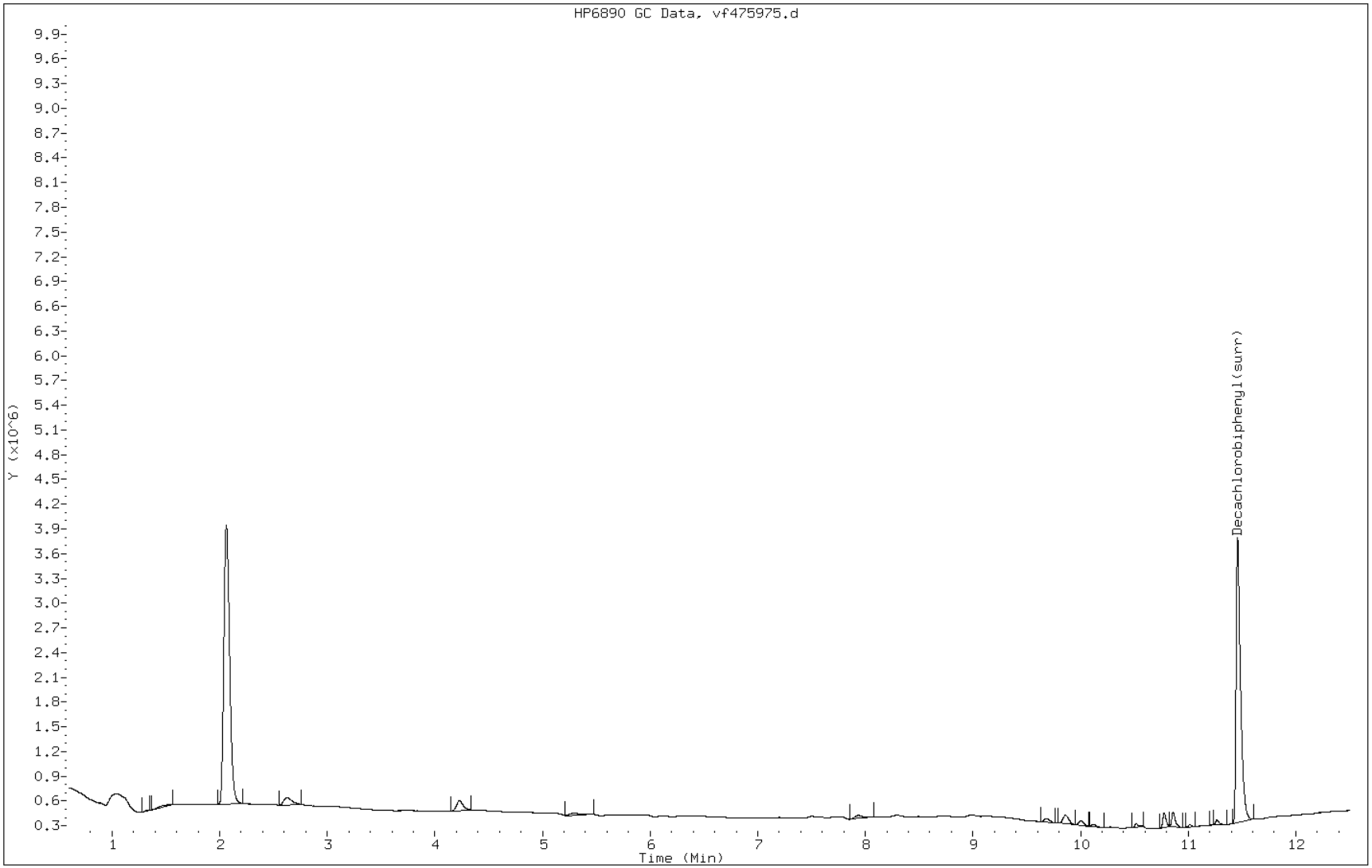
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.459	11.473	-0.014	9837898	27.1392	20	80.00- 120.00	100.00

Data File: vf475975.d

Date: 01-JUL-2012 17:12

Client ID: F-21 Instrument: PESTGC9.i

Sample Info: 460-41730-E-15-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Matrix: Solid | Lab File ID: vr475975.d

Analysis Method: 8082 | Date Collected: 06/26/2012 09:20

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) | Date Analyzed: 07/01/2012 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	76	14
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.4	U	76	8.4
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475975.d
Lab Smp Id: 460-41730-E-15-C Client Smp ID: F-21
Inj Date : 01-JUL-2012 17:12
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-15-C
Misc Info : 460-41730-E-15-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.53846	% Moisture

Cpnd Variable Local Compound Variable

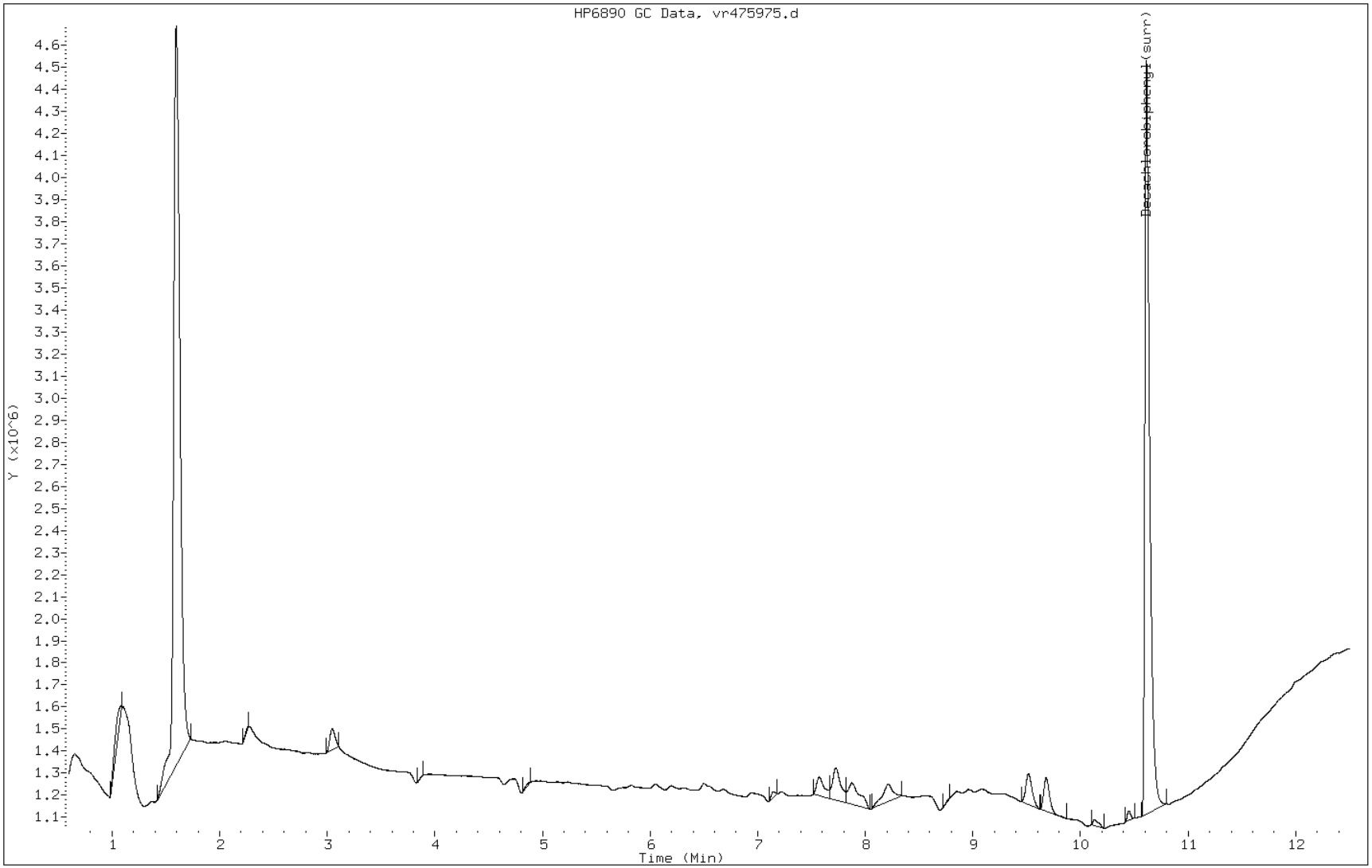
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	10535686	25.9803	20	80.00- 120.00	100.00

Data File: vr475975.d

Date: 01-JUL-2012 17:12

Client ID: F-21 Instrument: PESTGC9.i

Sample Info: 460-41730-E-15-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 Lab Sample ID: 460-41730-16

Matrix: Solid Lab File ID: vf475976.d

Analysis Method: 8082 Date Collected: 06/26/2012 11:24

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 17:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	23	J	72	8.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	61		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475976.d
Lab Smp Id: 460-41730-E-16-C Client Smp ID: F-22
Inj Date : 01-JUL-2012 17:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-16-C
Misc Info : 460-41730-E-16-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 92
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	7.29783	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260					CAS #: 11096-82-5		
7.505	7.514	-0.009	910853	33.4932	24	80.00- 120.00	100.00(M)
7.937	7.948	-0.011	982022	31.4891	22	91.40- 137.10	107.81
8.743	8.752	-0.009	1454072	33.3861	24	128.38- 192.57	159.64
8.990	8.999	-0.009	689424	32.7074	23	61.78- 92.67	75.69
9.119	9.141	-0.022	425587	36.5655	26	33.86- 50.80	46.72
9.675	9.684	-0.009	443810	22.0100	16	60.47- 90.71	48.72
10.520	10.526	-0.006	772051	32.9102	24	67.71- 101.56	84.76
11.015	11.024	-0.009	329404	35.1077	25	27.70- 41.55	36.16
Average of Peak Concentrations =					23		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.460	11.473	-0.013	11063996	30.5216	22	80.00- 120.00	100.00

QC Flag Legend

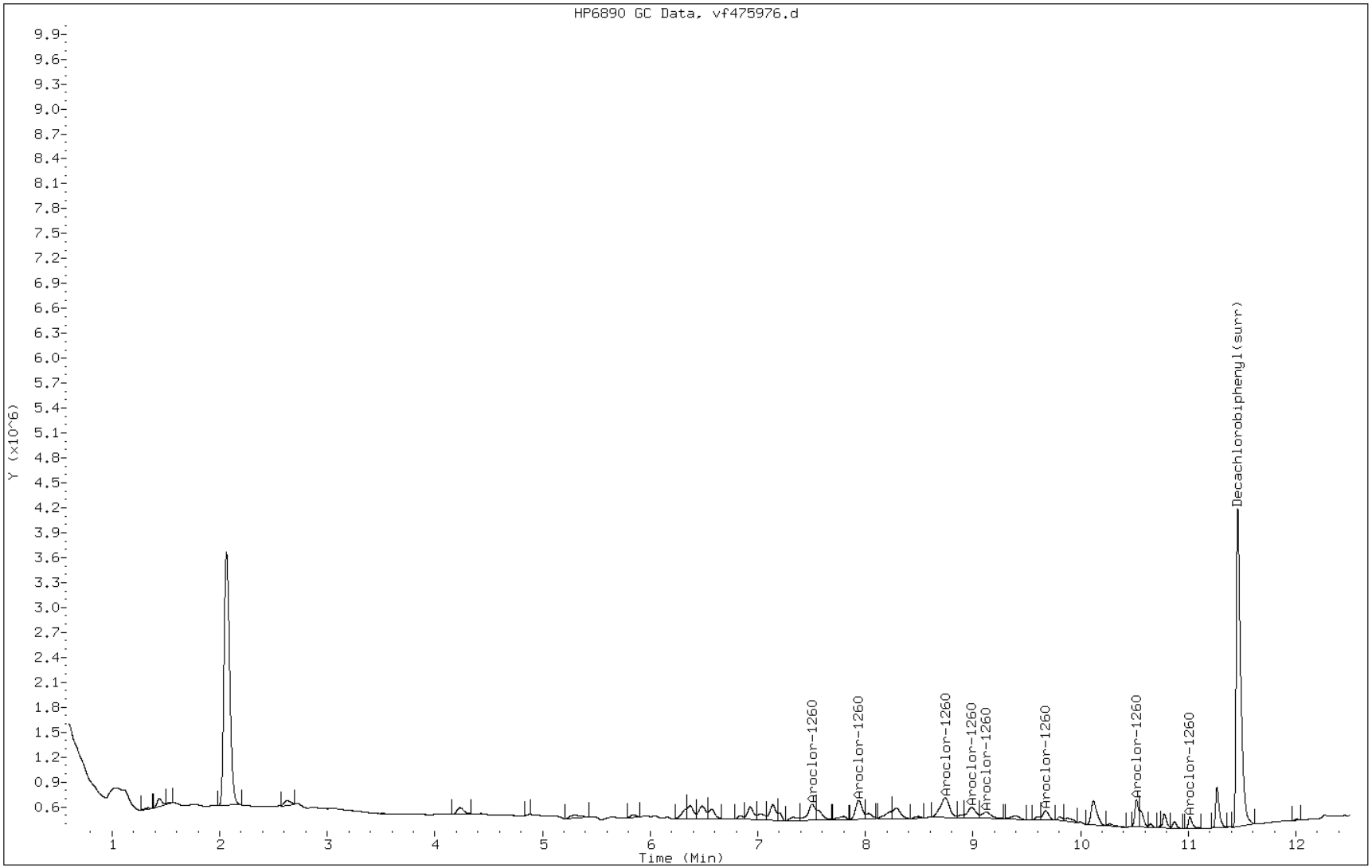
M - Compound response manually integrated.

Data File: vf475976.d

Date: 01-JUL-2012 17:29

Client ID: F-22 Instrument: PESTGC9.i

Sample Info: 460-41730-E-16-C Operator: 615



Manual Integration Report

Data File: vf475976.d
Inj. Date and Time: 01-JUL-2012 17:29
Instrument ID: PESTGC9.i
Client ID: F-22
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

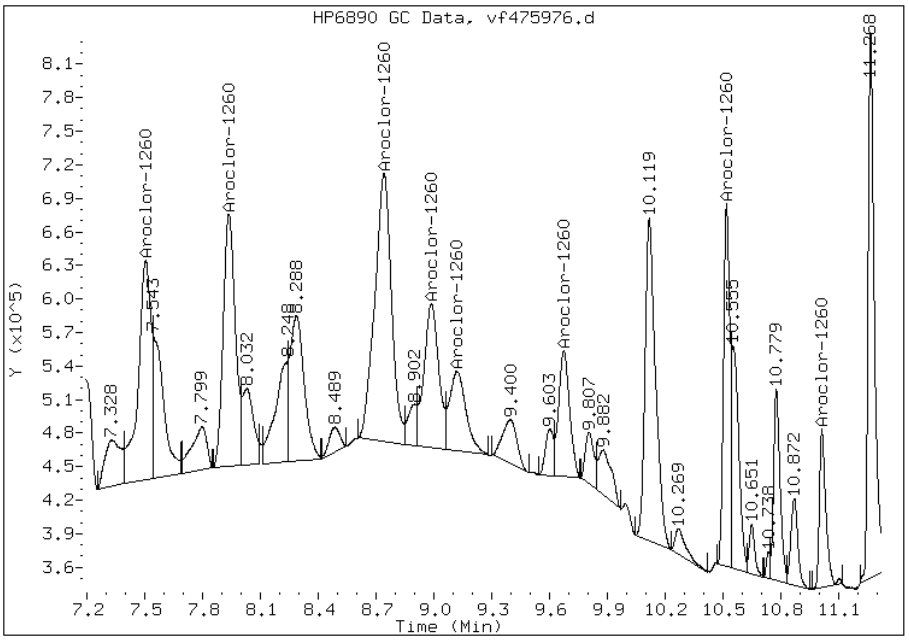
Manual Integration Results

RT: 7.51

Response: 910853

Amount: 32.21

Conc: 23.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-22 Lab Sample ID: 460-41730-16

Matrix: Solid Lab File ID: vr475976.d

Analysis Method: 8082 Date Collected: 06/26/2012 11:24

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.04(g) Date Analyzed: 07/01/2012 17:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	72	14
11104-28-2	Aroclor 1221	22	U	72	22
11141-16-5	Aroclor 1232	41	U	72	41
53469-21-9	Aroclor 1242	14	U	72	14
12672-29-6	Aroclor 1248	19	U	72	19
11097-69-1	Aroclor 1254	25	U	72	25
37324-23-5	Aroclor 1262	12	U	72	12
11100-14-4	Aroclor 1268	12	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	61		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475976.d
Lab Smp Id: 460-41730-E-16-C Client Smp ID: F-22
Inj Date : 01-JUL-2012 17:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-16-C
Misc Info : 460-41730-E-16-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 92
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	7.29783	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260					CAS #: 11096-82-5		
6.050	6.058	-0.008	323351	13.0431	9.4	80.00- 120.00	100.00(M)
6.501	6.509	-0.008	1179162	24.5397	18	149.81- 224.72	364.67
6.943	6.950	-0.007	1508942	35.2027	25	123.89- 185.83	466.66
7.145	7.150	-0.005	475021	20.8876	15	65.23- 97.84	146.91
7.575	7.586	-0.011	540010	26.5740	19	57.47- 86.20	167.00
8.855	8.865	-0.010	571807	21.9702	16	71.15- 106.72	176.84
9.061	9.084	-0.023	672892	44.4610	32	39.48- 59.22	208.10
10.130	10.134	-0.004	443577	33.9293	24	33.88- 50.81	137.18
		Average of Peak Concentrations =			20		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	12342178	30.4350	22	80.00- 120.00	100.00

QC Flag Legend

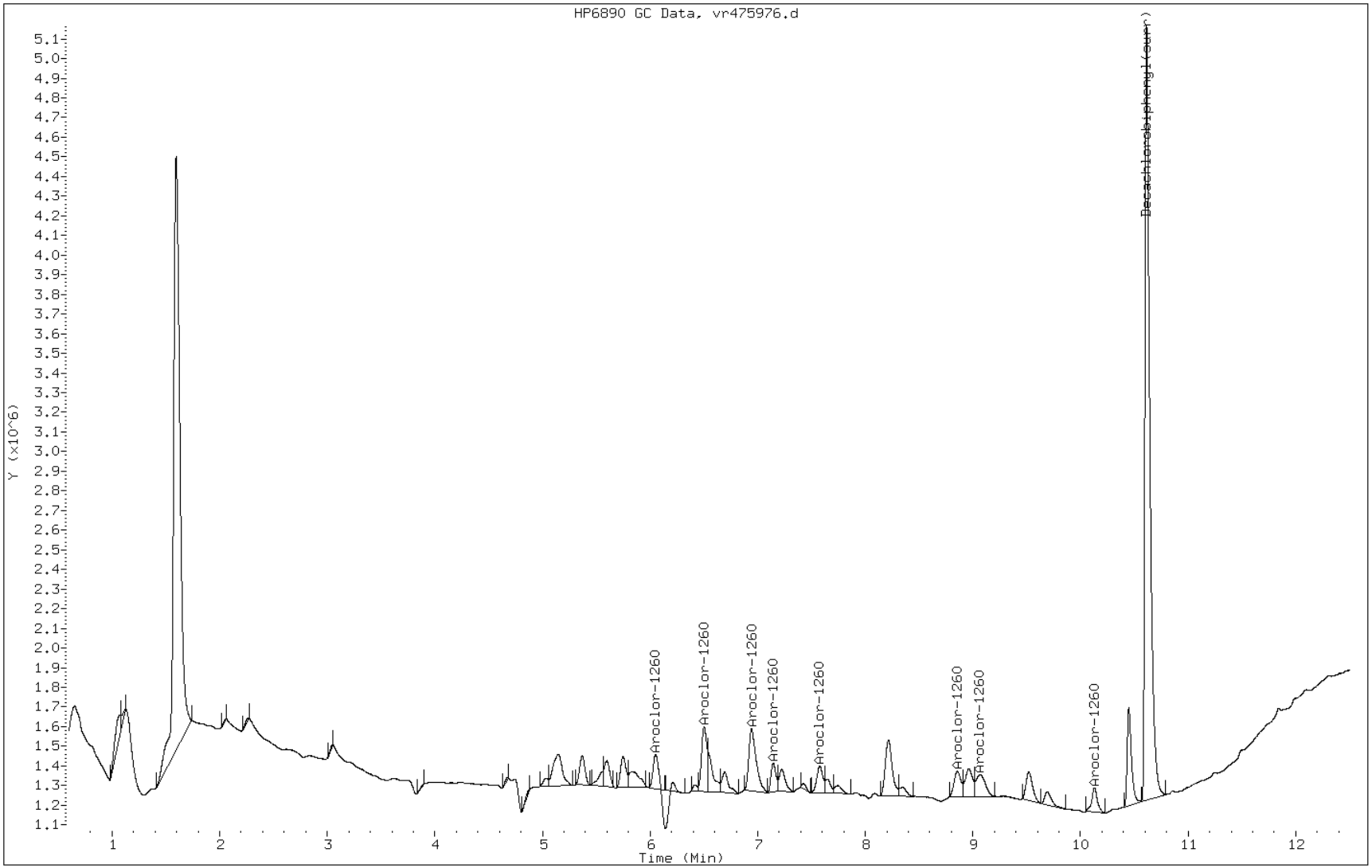
M - Compound response manually integrated.

Data File: vr475976.d

Date: 01-JUL-2012 17:29

Client ID: F-22 Instrument: PESTGC9.i

Sample Info: 460-41730-E-16-C Operator: 615



Manual Integration Report

Data File: vr475976.d
Inj. Date and Time: 01-JUL-2012 17:29
Instrument ID: PESTGC9.i
Client ID: F-22
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 6.06

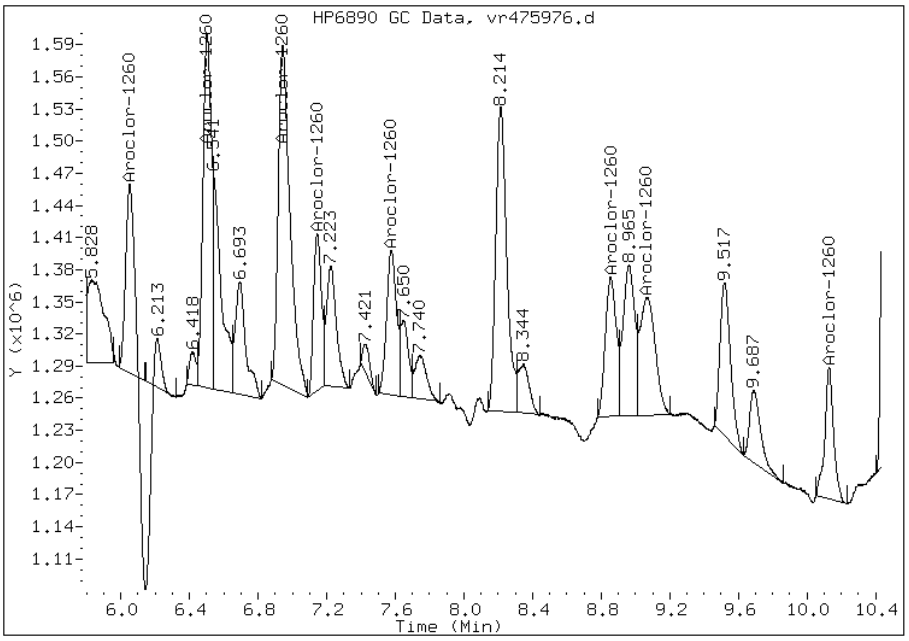
Manual Integration Results

RT: 6.05

Response: 323351

Amount: 27.58

Conc: 20.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 Lab Sample ID: 460-41730-17

Matrix: Solid Lab File ID: vf475996.d

Analysis Method: 8082 Date Collected: 06/26/2012 11:32

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.01(g) Date Analyzed: 07/02/2012 06:03

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475996.d
Lab Smp Id: 460-41730-E-17-F Client Smp ID: F-23
Inj Date : 02-JUL-2012 06:03
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-F
Misc Info : 460-41730-E-17-F
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.871	4.870	0.001	1466233	125.304	210	80.00- 120.00	100.00(M)
6.047	6.046	0.001	3101800	125.363	210	169.16- 253.74	211.55
6.380	6.378	0.002	11141196	452.130	760	168.47- 252.70	759.85
6.941	6.940	0.001	0			120.34- 180.51	0.00
7.141	7.144	-0.003	5527557	150.144	250	251.70- 377.55	376.99
8.287	8.289	-0.002	4186592	197.616	330	144.84- 217.26	285.53
8.749	8.748	0.001	6581043	183.698	310	244.93- 367.40	448.84
9.601	9.606	-0.005	759148	107.718	180	48.18- 72.27	51.78
Average of Peak Concentrations =					320		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.465	11.473	-0.008	14918690	41.1553	69	80.00- 120.00	100.00

QC Flag Legend

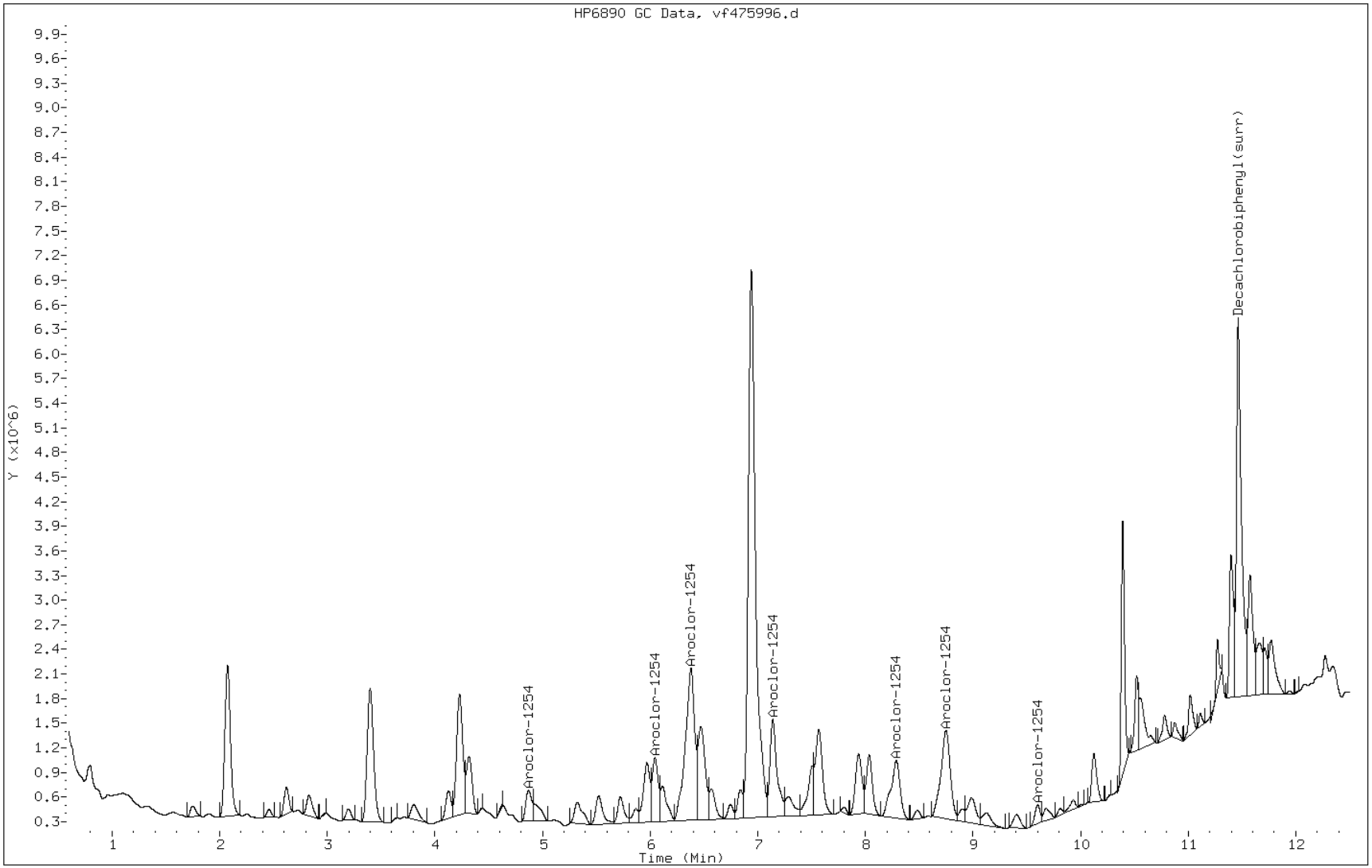
M - Compound response manually integrated.

Data File: vf475996.d

Date: 02-JUL-2012 06:03

Client ID: F-23 Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-F Operator: 615



Manual Integration Report

Data File: vf475996.d
Inj. Date and Time: 02-JUL-2012 06:03
Instrument ID: PESTGC9.i
Client ID: F-23
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 4.87

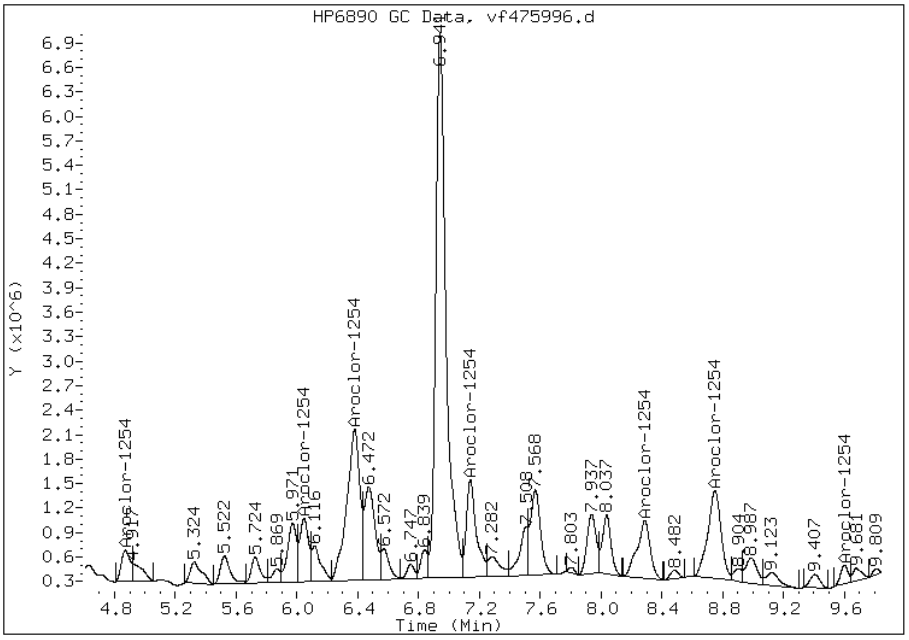
Manual Integration Results

RT: 4.87

Response: 1466233

Amount: 191.71

Conc: 320.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Matrix: Solid | Lab File ID: vr475996.d

Analysis Method: 8082 | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 06:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	32	U	170	32
11104-28-2	Aroclor 1221	51	U	170	51
11141-16-5	Aroclor 1232	96	U	170	96
53469-21-9	Aroclor 1242	32	U	170	32
12672-29-6	Aroclor 1248	45	U	170	45
11097-69-1	Aroclor 1254	440		170	58
11096-82-5	Aroclor 1260	19	U	170	19
37324-23-5	Aroclor 1262	29	U	170	29
11100-14-4	Aroclor 1268	29	U	170	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		30-150

Data File: vr475996.d
Report Date: 02-Jul-2012 09:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475996.d
Lab Smp Id: 460-41730-E-17-F Client Smp ID: F-23
Inj Date : 02-JUL-2012 06:03
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-F
Misc Info : 460-41730-E-17-F
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	60.34483	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.659	4.667	-0.008	4530857	289.045	480	80.00- 120.00	100.00(M)
4.737	4.739	-0.002	2684575	143.968	240	95.17- 142.75	59.25
5.106	5.109	-0.003	7339439	303.598	510	123.38- 185.07	161.99
5.602	5.549	0.053	0			90.37- 135.56	0.00
5.738	5.750	-0.012	17496719	539.810	910	165.42- 248.13	386.17
6.203	6.202	0.001	5073214	165.249	280	156.68- 235.02	111.97
6.504	6.502	0.002	4130895	165.091	280	127.70- 191.55	91.17
6.945	6.945	0.000	7155775	212.695	360	171.70- 257.55	157.93
Average of Peak Concentrations =					440		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.616	10.617	-0.001	13138857	32.3996	54	80.00- 120.00	100.00

Data File: vr475996.d
Report Date: 02-Jul-2012 09:12

QC Flag Legend

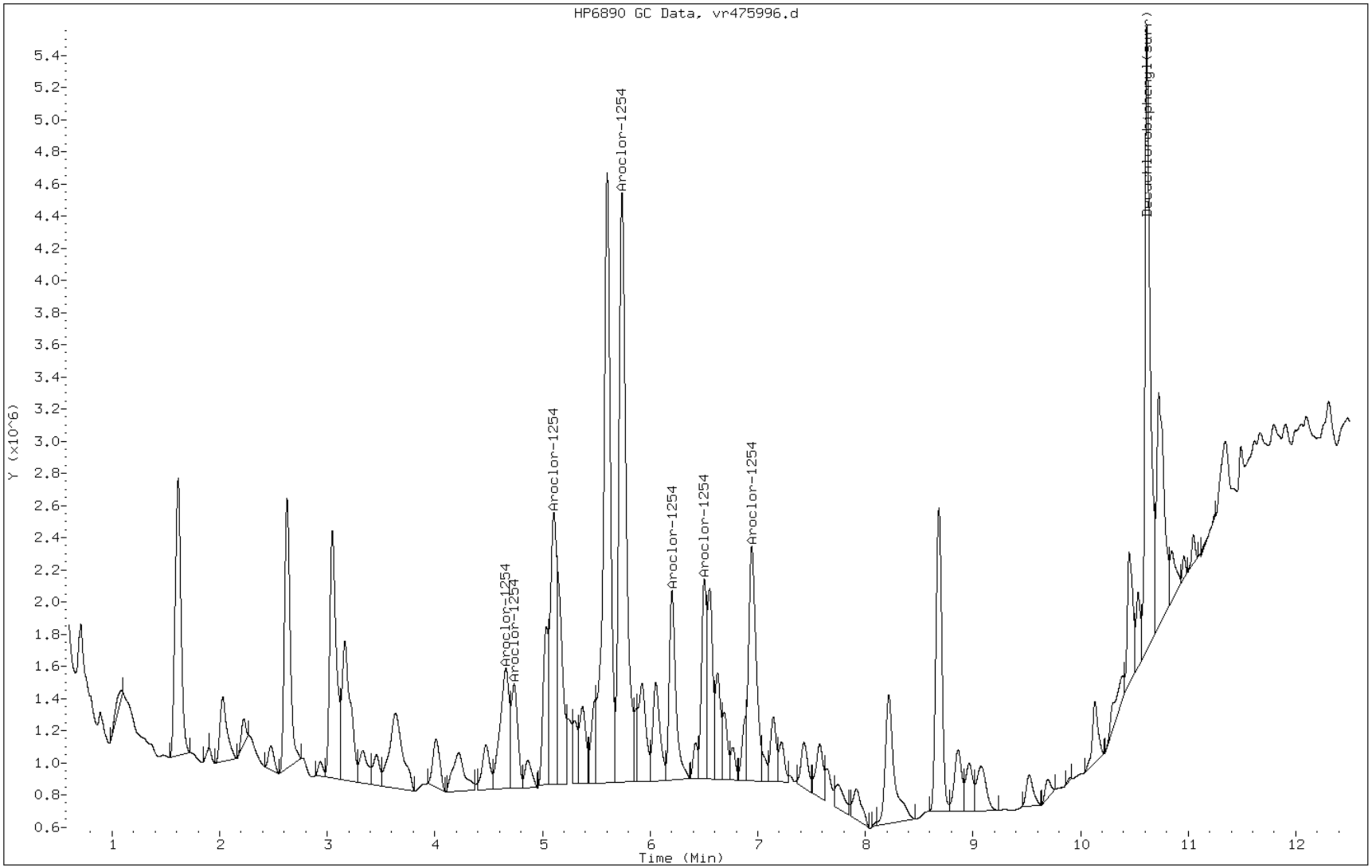
M - Compound response manually integrated.

Data File: vr475996.d

Date: 02-JUL-2012 06:03

Client ID: F-23 Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-F Operator: 615



Manual Integration Report

Data File: vr475996.d
Inj. Date and Time: 02-JUL-2012 06:03
Instrument ID: PESTGC9.i
Client ID: F-23
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 4.67

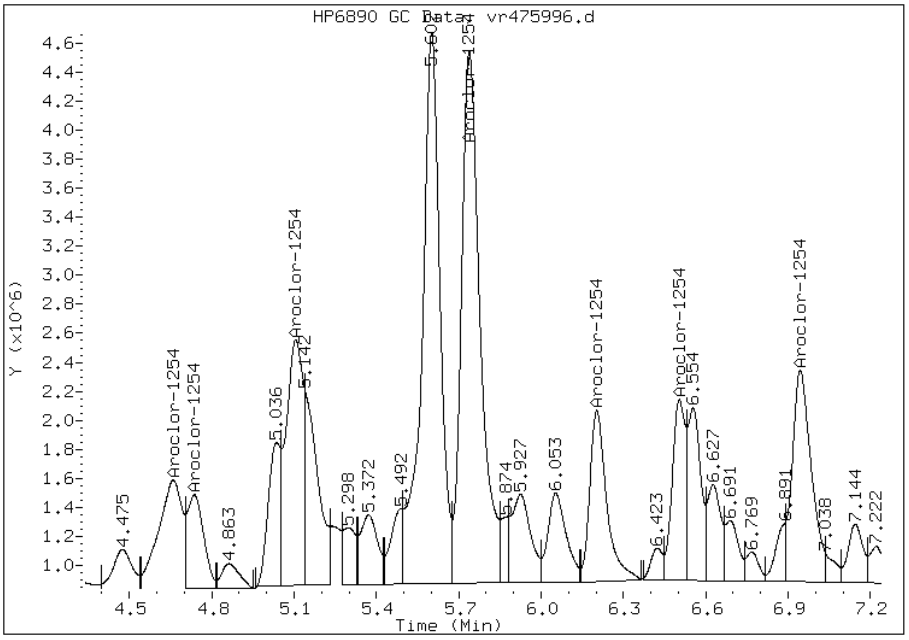
Manual Integration Results

RT: 4.66

Response: 4530857

Amount: 259.92

Conc: 440.00



Manually Integrated By: selbyc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 Lab Sample ID: 460-41730-18

Matrix: Solid Lab File ID: vf475977.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:10

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 17:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		30-150

Data File: vf475977.d
Report Date: 02-Jul-2012 12:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475977.d
Lab Smp Id: 460-41730-E-18-C Client Smp ID: F-24
Inj Date : 01-JUL-2012 17:44
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-18-C
Misc Info : 460-41730-E-18-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 93
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.36255	% Moisture

Cpnd Variable Local Compound Variable

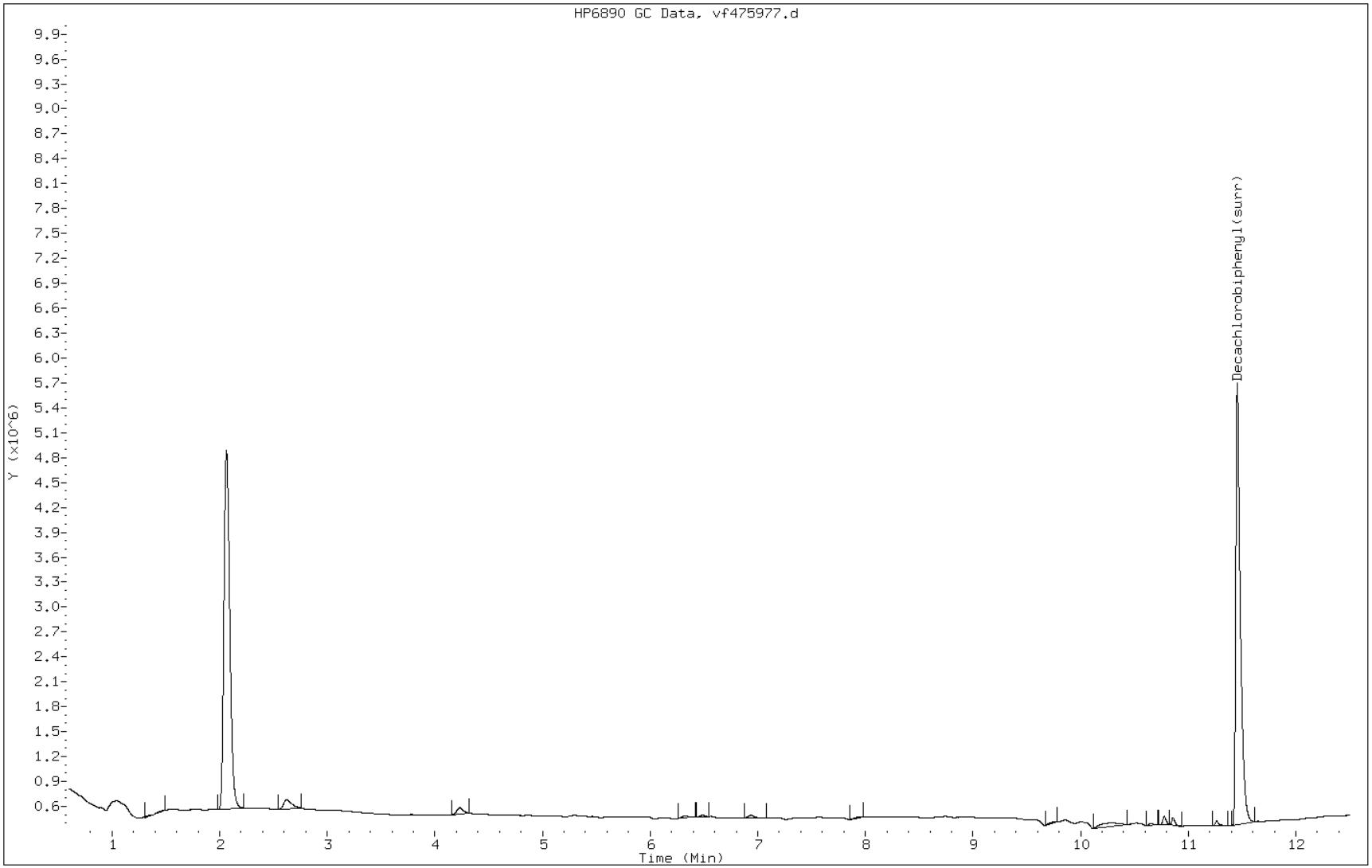
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.456	11.473	-0.017	15666251	43.2175	32	80.00- 120.00	100.00

Data File: vf475977.d

Date: 01-JUL-2012 17:44

Client ID: F-24 Instrument: PESTGC9.i

Sample Info: 460-41730-E-18-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-24 Lab Sample ID: 460-41730-18

Matrix: Solid Lab File ID: vr475977.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:10

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 17:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	74	14
11104-28-2	Aroclor 1221	22	U	74	22
11141-16-5	Aroclor 1232	42	U	74	42
53469-21-9	Aroclor 1242	14	U	74	14
12672-29-6	Aroclor 1248	20	U	74	20
11097-69-1	Aroclor 1254	25	U	74	25
11096-82-5	Aroclor 1260	8.3	U	74	8.3
37324-23-5	Aroclor 1262	13	U	74	13
11100-14-4	Aroclor 1268	13	U	74	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475977.d
Lab Smp Id: 460-41730-E-18-C Client Smp ID: F-24
Inj Date : 01-JUL-2012 17:44
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-18-C
Misc Info : 460-41730-E-18-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 93
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.36255	% Moisture

Cpnd Variable Local Compound Variable

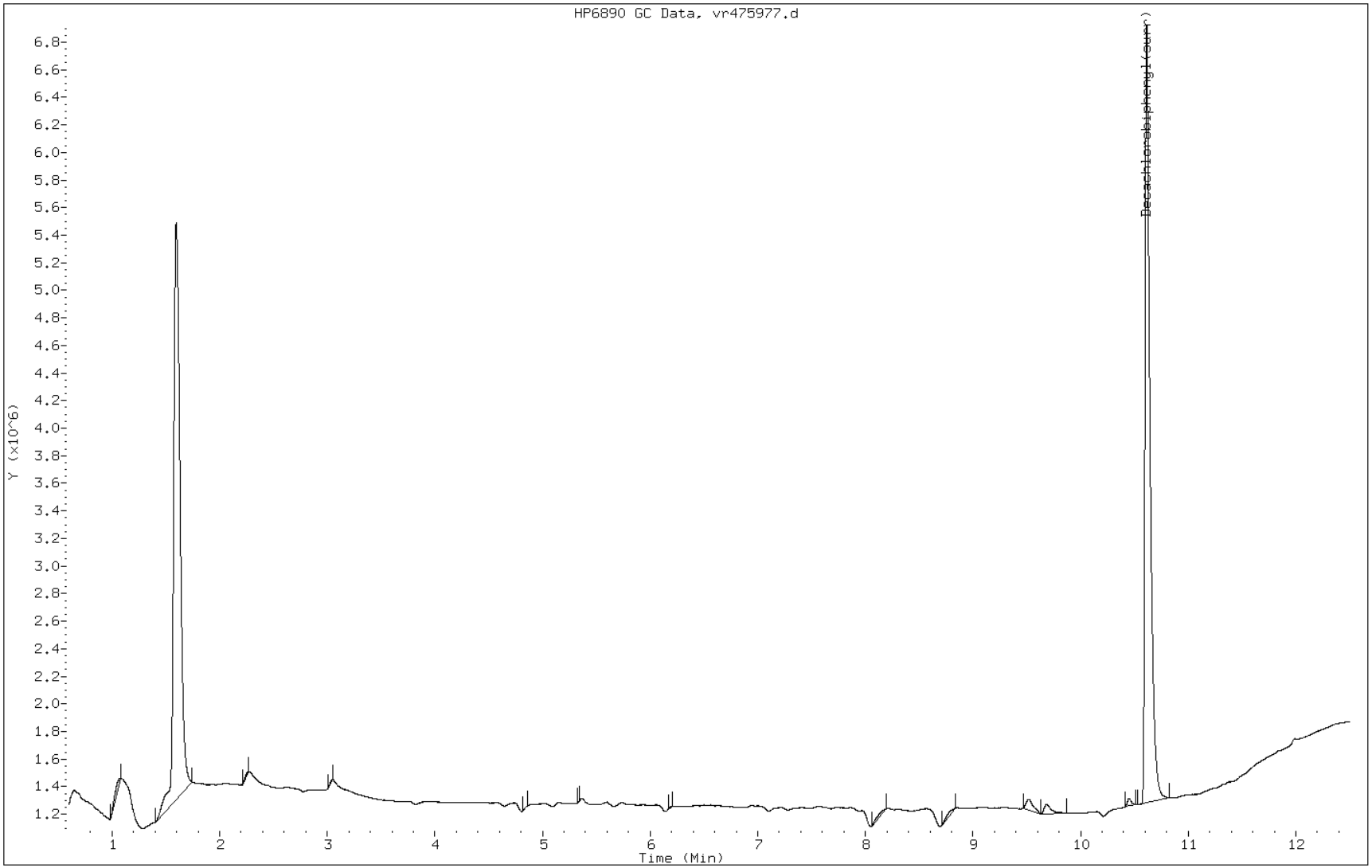
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	18072652	44.5660	33	80.00- 120.00	100.00

Data File: vr475977.d

Date: 01-JUL-2012 17:44

Client ID: F-24 Instrument: PESTGC9.i

Sample Info: 460-41730-E-18-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 Lab Sample ID: 460-41730-20

Matrix: Solid Lab File ID: vf475979.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:22

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 18:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		30-150

Data File: vf475979.d
Report Date: 02-Jul-2012 12:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475979.d
Lab Smp Id: 460-41730-E-20-C Client Smp ID: F-26
Inj Date : 01-JUL-2012 18:16
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-20-C
Misc Info : 460-41730-E-20-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 95
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.92308	% Moisture

Cpnd Variable Local Compound Variable

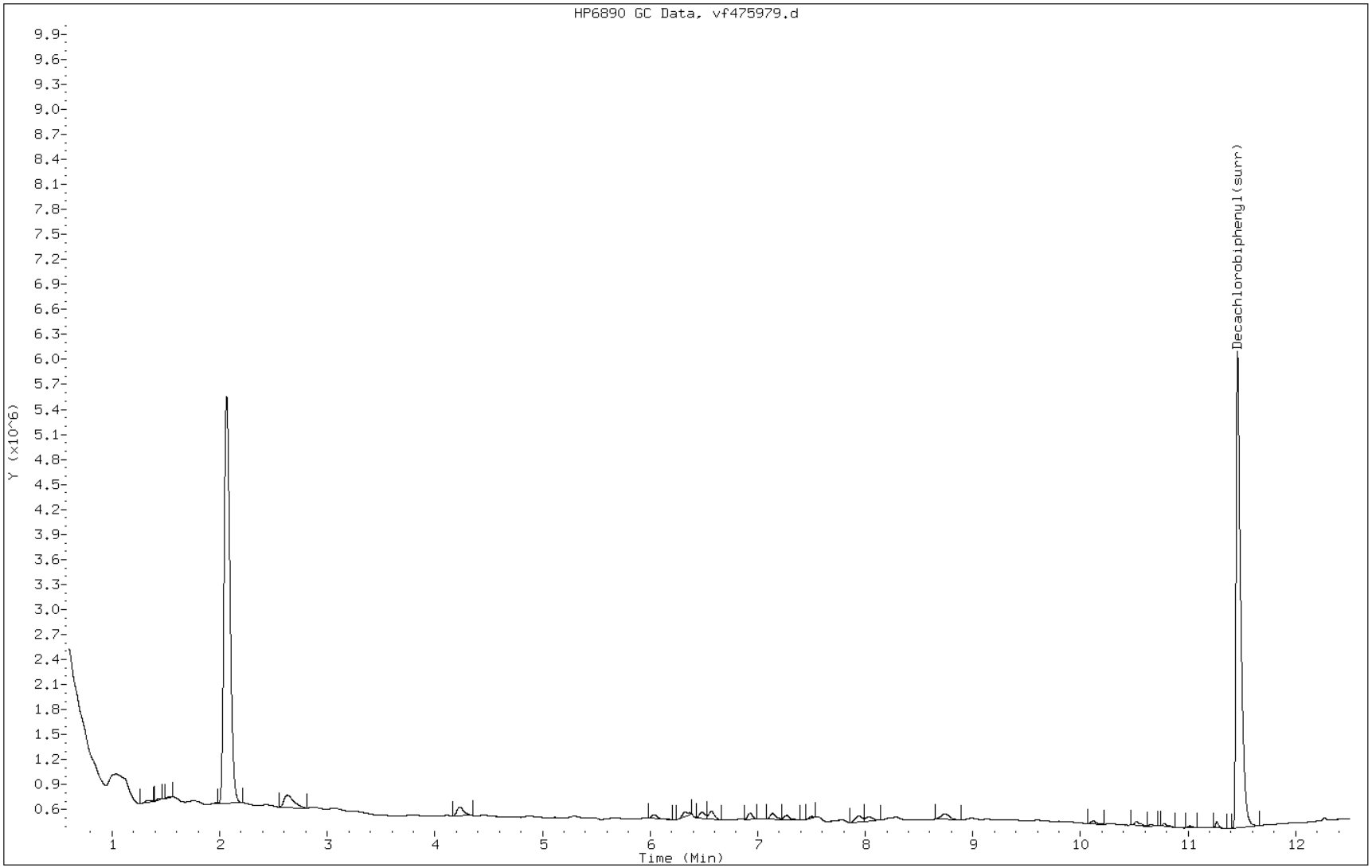
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.460	11.473	-0.013	17066470	47.0802	36	80.00- 120.00	100.00

Data File: vf475979.d

Date: 01-JUL-2012 18:16

Client ID: F-26 Instrument: PESTGC9.i

Sample Info: 460-41730-E-20-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-26 Lab Sample ID: 460-41730-20

Matrix: Solid Lab File ID: vr475979.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:22

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 18:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	76	15
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.5	U	76	8.5
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475979.d
Lab Smp Id: 460-41730-E-20-C Client Smp ID: F-26
Inj Date : 01-JUL-2012 18:16
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-20-C
Misc Info : 460-41730-E-20-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 95
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.92308	% Moisture

Cpnd Variable Local Compound Variable

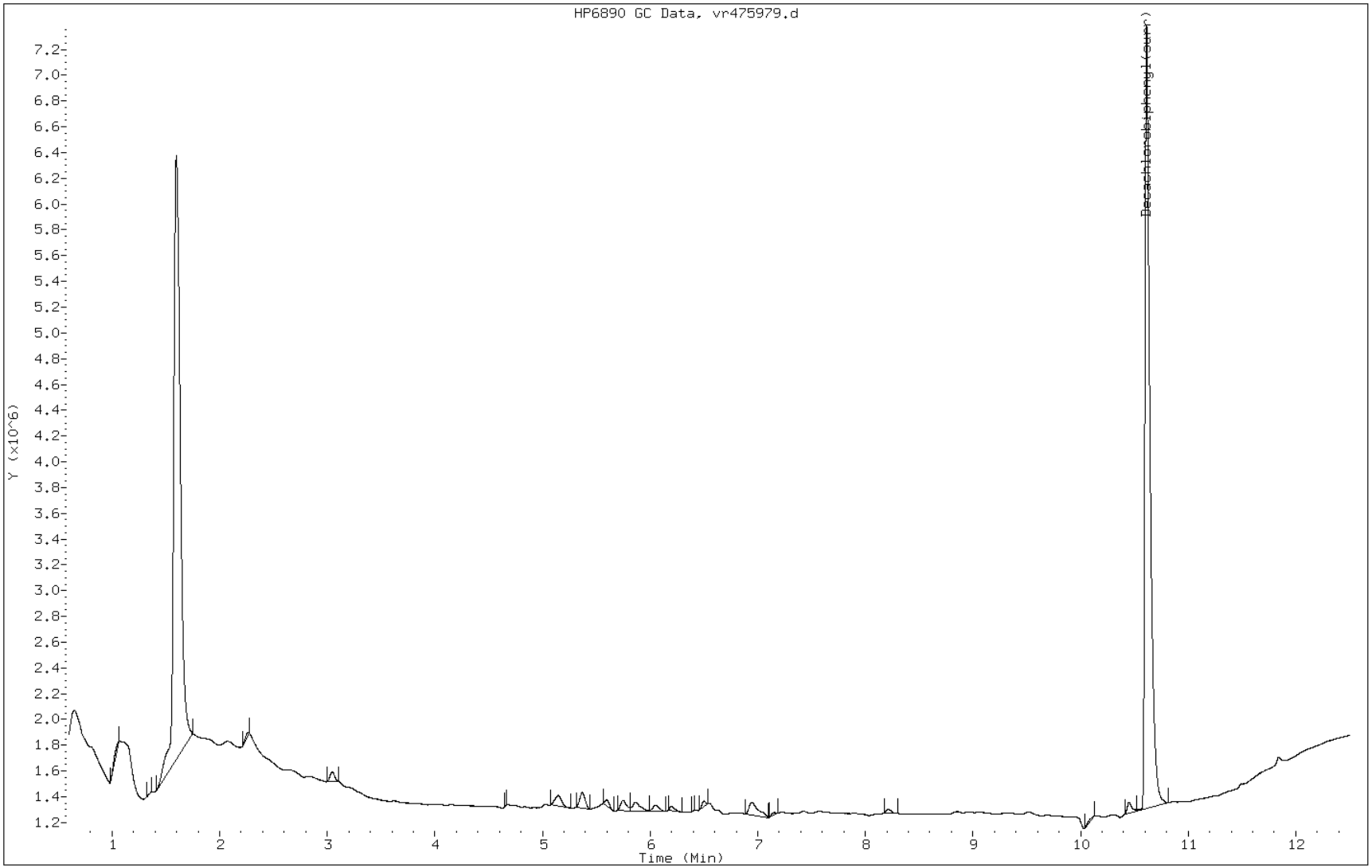
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	19650822	48.4576	37	80.00- 120.00	100.00

Data File: vr475979.d

Date: 01-JUL-2012 18:16

Client ID: F-26 Instrument: PESTGC9.i

Sample Info: 460-41730-E-20-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 Lab Sample ID: 460-41730-21

Matrix: Solid Lab File ID: vf475978.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 18:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: vf475978.d
Report Date: 02-Jul-2012 12:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475978.d
Lab Smp Id: 460-41730-A-21-B Client Smp ID: F-27
Inj Date : 01-JUL-2012 18:00
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-A-21-B
Misc Info : 460-41730-A-21-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 94
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.67608	% Moisture

Cpnd Variable Local Compound Variable

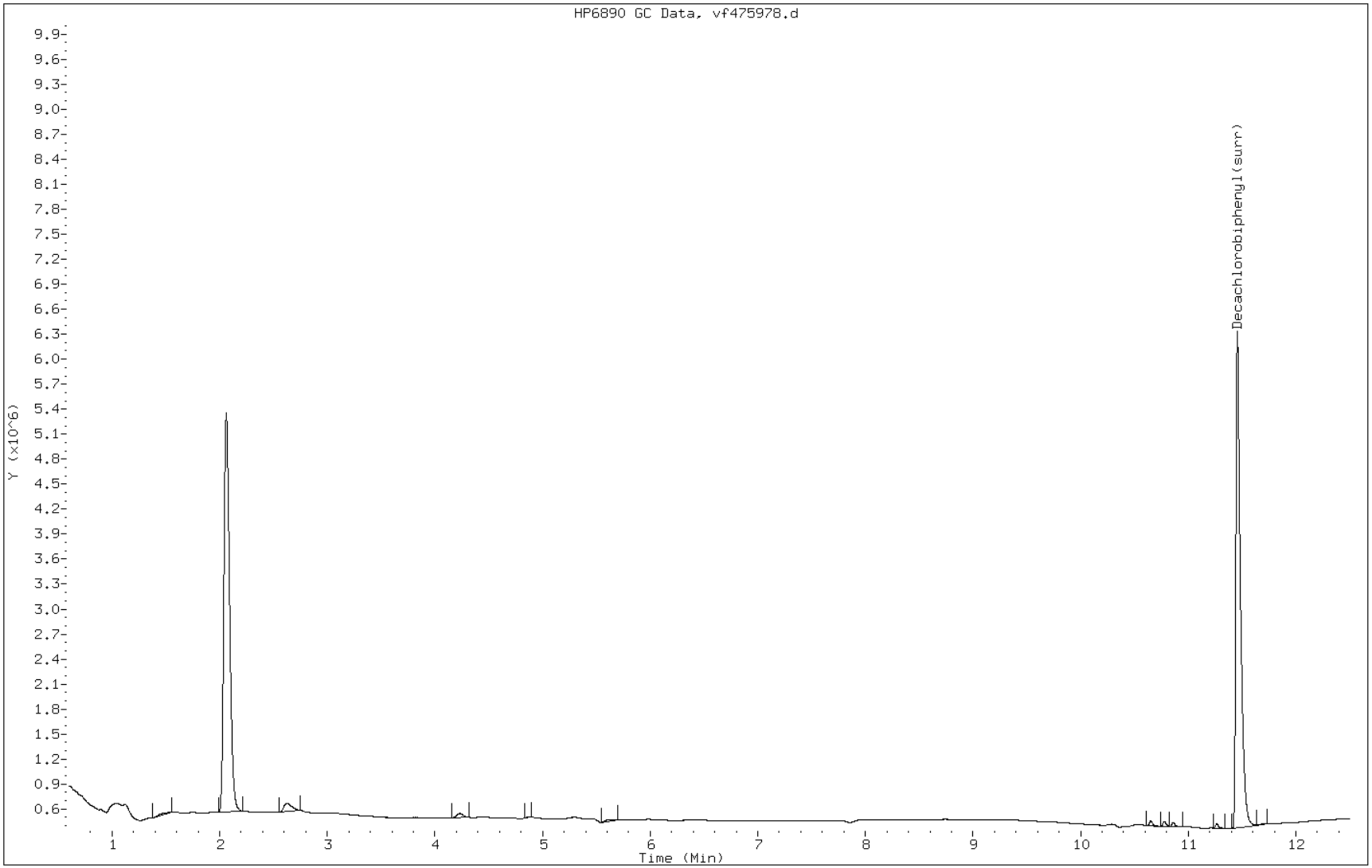
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.457	11.473	-0.016	17722063	48.8888	37	80.00- 120.00	100.00

Data File: vf475978.d

Date: 01-JUL-2012 18:00

Client ID: F-27 Instrument: PESTGC9.i

Sample Info: 460-41730-A-21-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-27 Lab Sample ID: 460-41730-21

Matrix: Solid Lab File ID: vr475978.d

Analysis Method: 8082 Date Collected: 06/26/2012 13:55

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.03(g) Date Analyzed: 07/01/2012 18:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	76	14
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.5	U	76	8.5
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475978.d
Lab Smp Id: 460-41730-A-21-B Client Smp ID: F-27
Inj Date : 01-JUL-2012 18:00
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-A-21-B
Misc Info : 460-41730-A-21-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 94
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.67608	% Moisture

Cpnd Variable Local Compound Variable

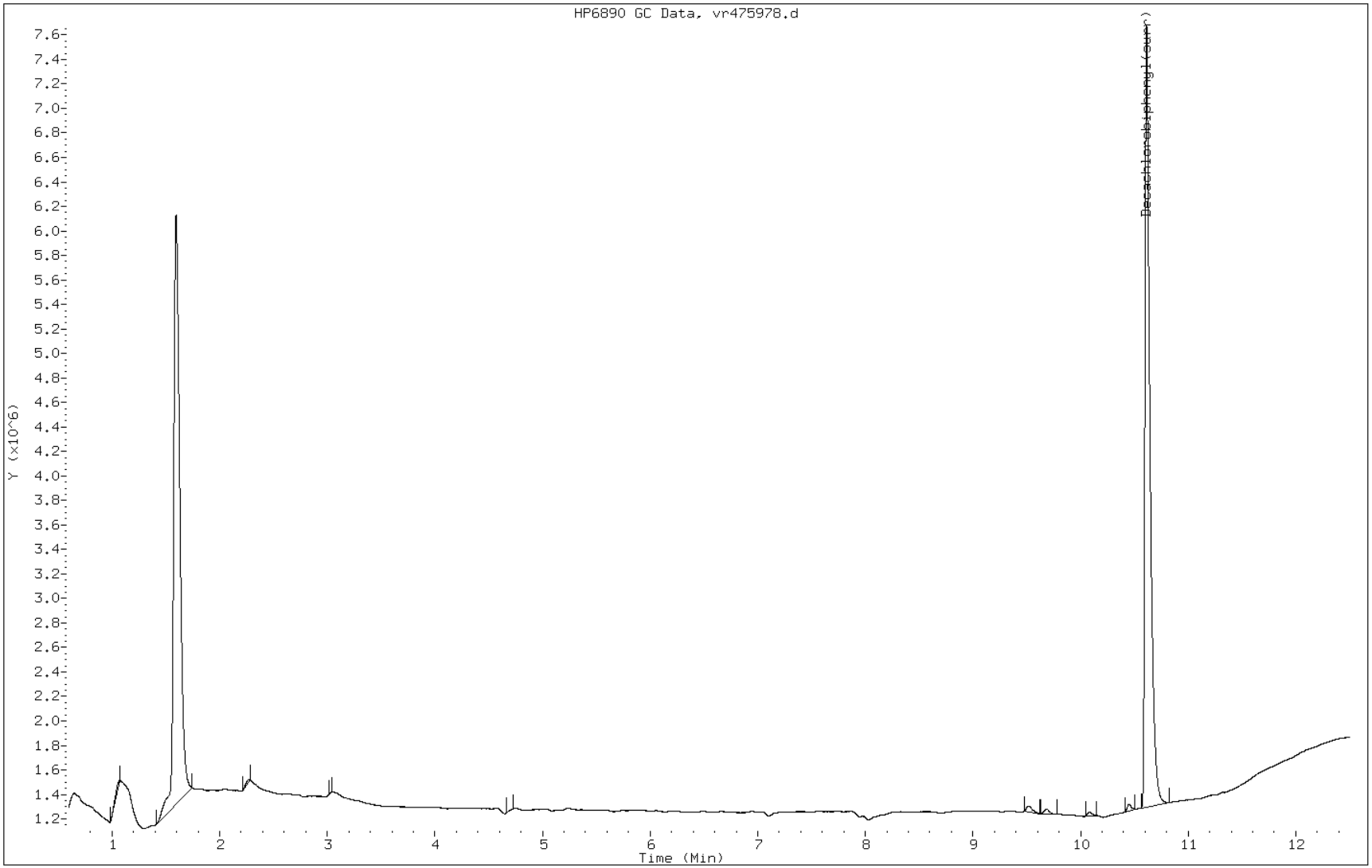
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	20545025	50.6627	38	80.00- 120.00	100.00

Data File: vr475978.d

Date: 01-JUL-2012 18:00

Client ID: F-27 Instrument: PESTGC9.i

Sample Info: 460-41730-A-21-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 Lab Sample ID: 460-41730-22

Matrix: Solid Lab File ID: vf475980.d

Analysis Method: 8082 Date Collected: 06/26/2012 14:20

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) Date Analyzed: 07/01/2012 18:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	56		30-150

Data File: vf475980.d
Report Date: 02-Jul-2012 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475980.d
Lab Smp Id: 460-41730-E-22-C Client Smp ID: F-28
Inj Date : 01-JUL-2012 18:32
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-22-C
Misc Info : 460-41730-E-22-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 96
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	10.42048	% Moisture

Cpnd Variable Local Compound Variable

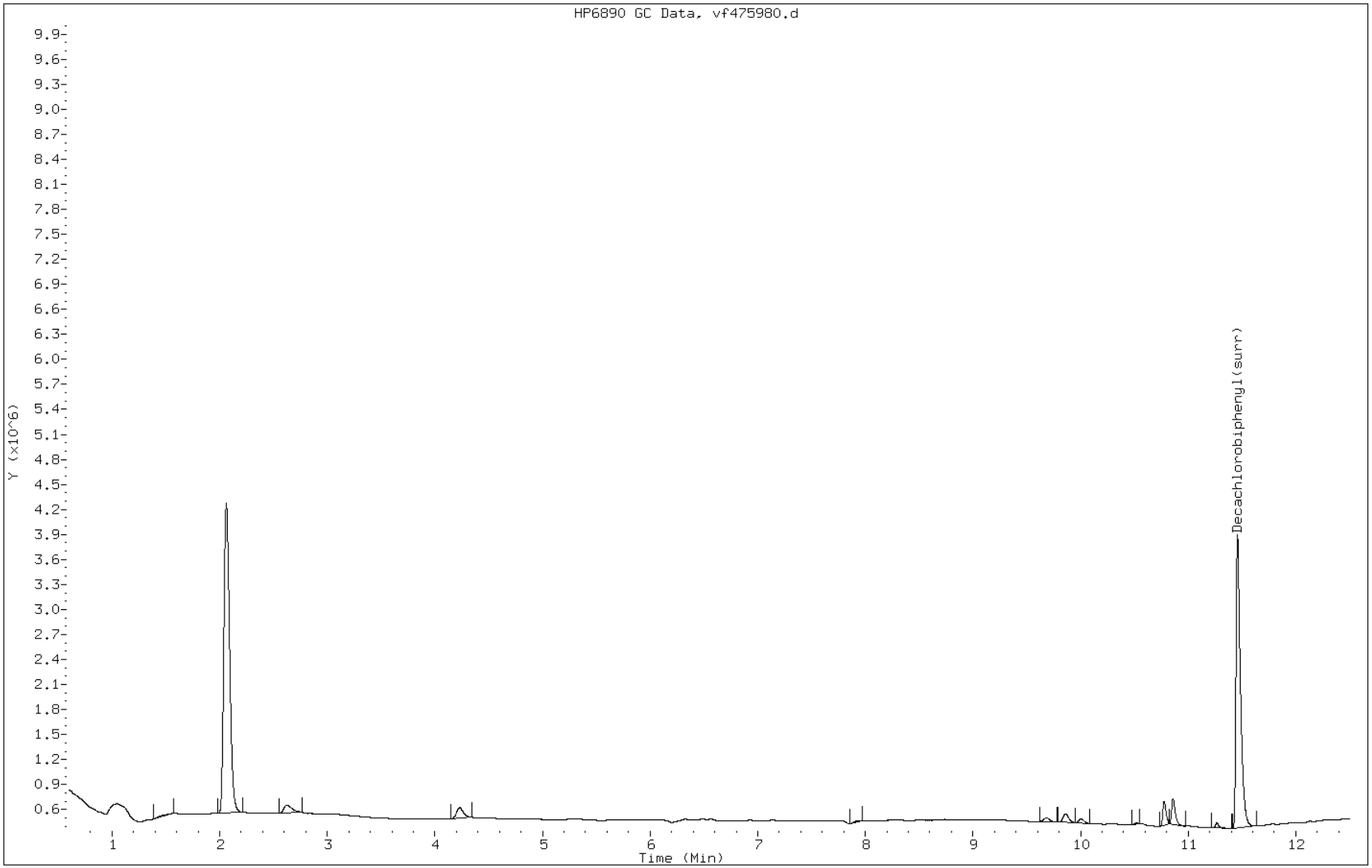
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.459	11.473	-0.014	10101759	27.8671	21	80.00- 120.00	100.00

Data File: vf475980.d

Date: 01-JUL-2012 18:32

Client ID: F-28 Instrument: PESTGC9.i

Sample Info: 460-41730-E-22-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-28 Lab Sample ID: 460-41730-22

Matrix: Solid Lab File ID: vr475980.d

Analysis Method: 8082 Date Collected: 06/26/2012 14:20

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) Date Analyzed: 07/01/2012 18:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	75	14
11104-28-2	Aroclor 1221	23	U	75	23
11141-16-5	Aroclor 1232	42	U	75	42
53469-21-9	Aroclor 1242	14	U	75	14
12672-29-6	Aroclor 1248	20	U	75	20
11097-69-1	Aroclor 1254	26	U	75	26
11096-82-5	Aroclor 1260	8.3	U	75	8.3
37324-23-5	Aroclor 1262	13	U	75	13
11100-14-4	Aroclor 1268	13	U	75	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	57		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475980.d
Lab Smp Id: 460-41730-E-22-C Client Smp ID: F-28
Inj Date : 01-JUL-2012 18:32
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-22-C
Misc Info : 460-41730-E-22-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 96
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	10.42048	% Moisture

Cpnd Variable Local Compound Variable

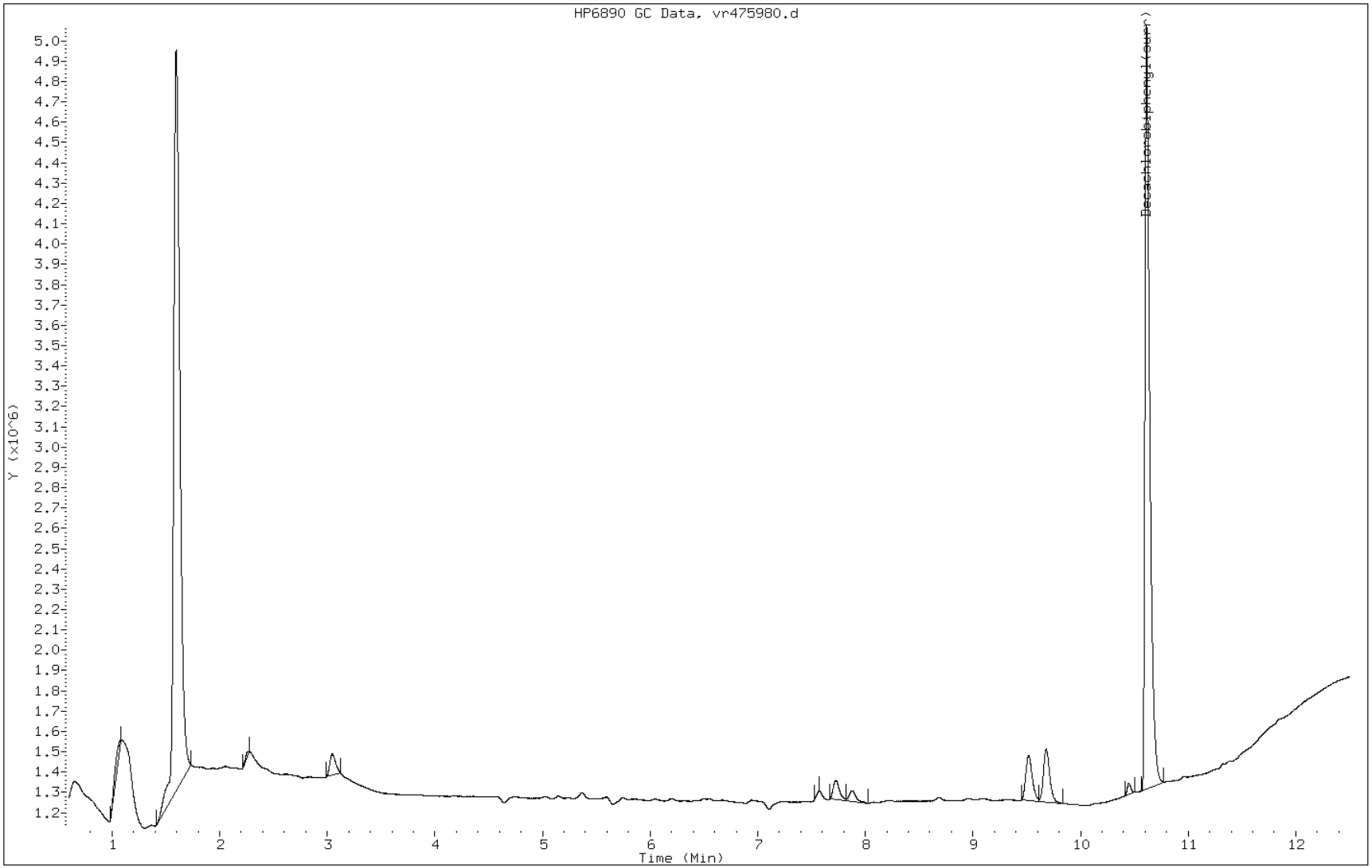
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	11632949	28.6861	21	80.00- 120.00	100.00

Data File: vr475980.d

Date: 01-JUL-2012 18:32

Client ID: F-28 Instrument: PESTGC9.i

Sample Info: 460-41730-E-22-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J Lab Sample ID: 460-41730-23

Matrix: Solid Lab File ID: vf475997.d

Analysis Method: 8082 Date Collected: 06/26/2012 00:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.02(g) Date Analyzed: 07/02/2012 06:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475997.d
Lab Smp Id: 460-41730-E-23-C Client Smp ID: FD-J
Inj Date : 02-JUL-2012 06:19
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-23-C
Misc Info : 460-41730-E-23-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	10.09346	% Moisture

Cpnd Variable Local Compound Variable

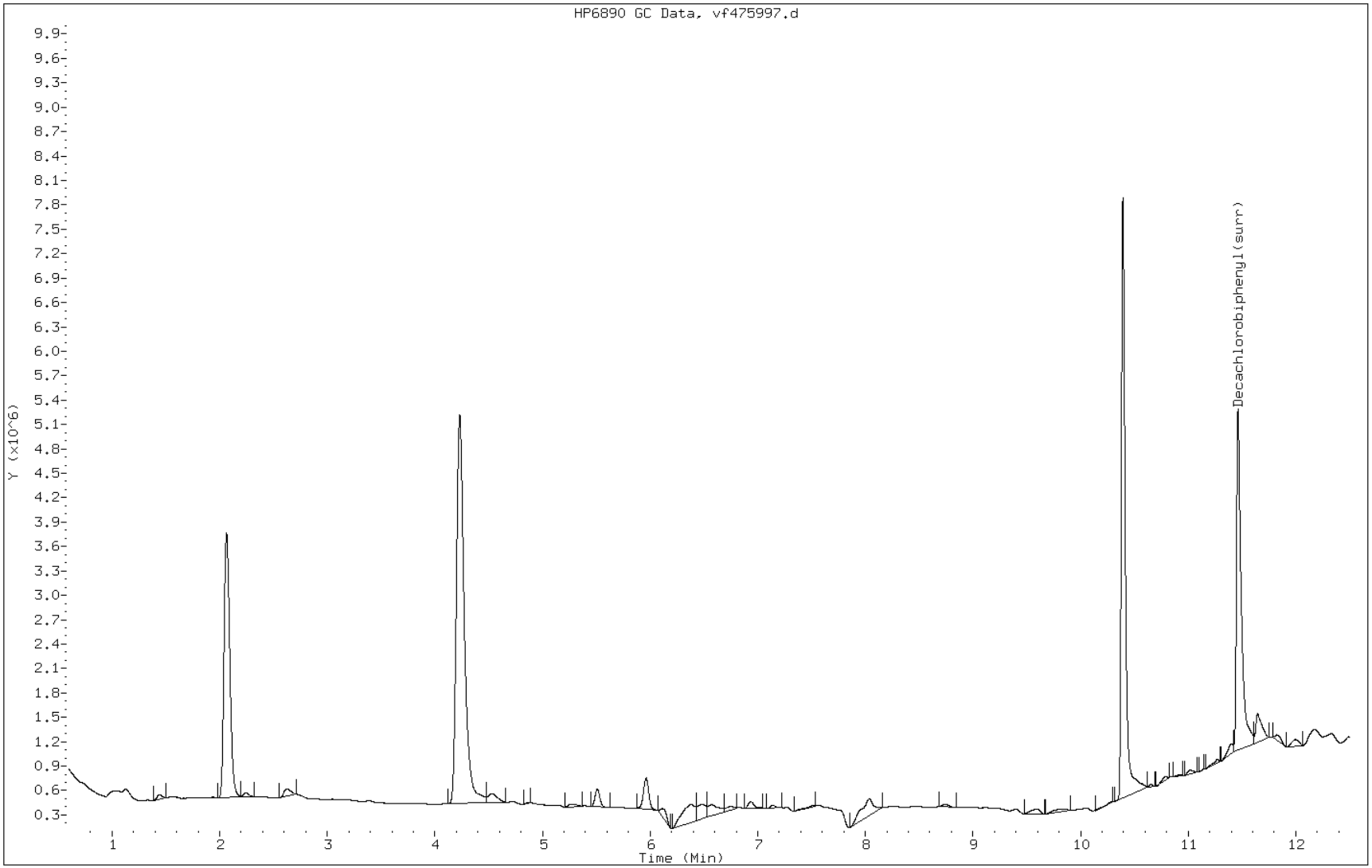
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.463	11.473	-0.010	12966161	35.7690	26	80.00- 120.00	100.00

Data File: vf475997.d

Date: 02-JUL-2012 06:19

Client ID: FD-J Instrument: PESTGC9.i

Sample Info: 460-41730-E-23-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: FD-J Lab Sample ID: 460-41730-23

Matrix: Solid Lab File ID: vr475997.d

Analysis Method: 8082 Date Collected: 06/26/2012 00:00

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.02(g) Date Analyzed: 07/02/2012 06:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	74	14
11104-28-2	Aroclor 1221	22	U	74	22
11141-16-5	Aroclor 1232	42	U	74	42
53469-21-9	Aroclor 1242	14	U	74	14
12672-29-6	Aroclor 1248	20	U	74	20
11097-69-1	Aroclor 1254	25	U	74	25
11096-82-5	Aroclor 1260	8.3	U	74	8.3
37324-23-5	Aroclor 1262	13	U	74	13
11100-14-4	Aroclor 1268	13	U	74	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	67		30-150

Data File: vr475997.d
Report Date: 02-Jul-2012 09:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475997.d
Lab Smp Id: 460-41730-E-23-C Client Smp ID: FD-J
Inj Date : 02-JUL-2012 06:19
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-23-C
Misc Info : 460-41730-E-23-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	10.09346	% Moisture

Cpnd Variable Local Compound Variable

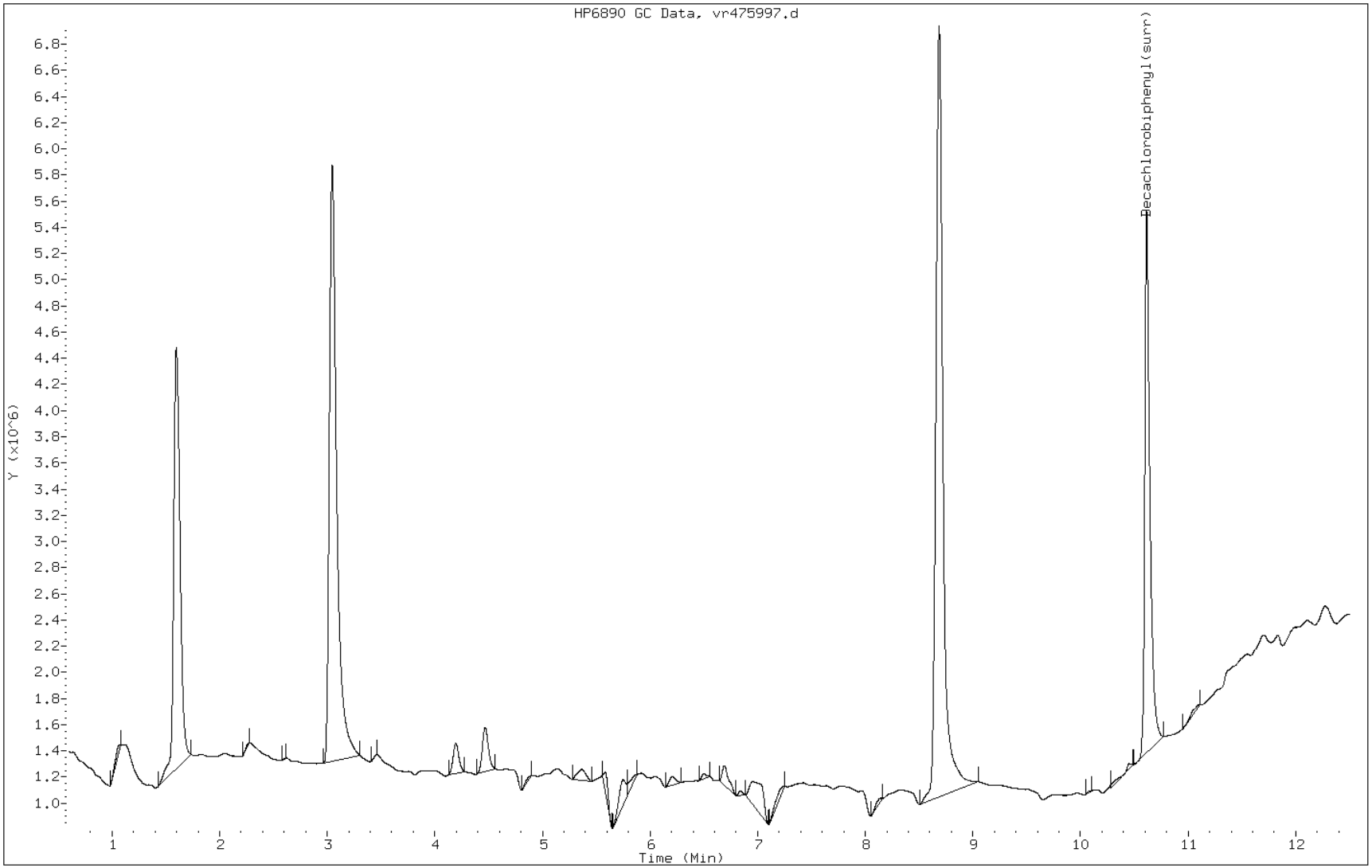
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	13580091	33.4876	25	80.00- 120.00	100.00

Data File: vr475997.d

Date: 02-JUL-2012 06:19

Client ID: FD-J Instrument: PESTGC9.i

Sample Info: 460-41730-E-23-C Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16193

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vf475635.d
Level 2	IC 460-117682/5	vf475636.d
Level 3	IC 460-117682/6	vf475637.d
Level 4	IC 460-117682/7	vf475638.d
Level 5	IC 460-117682/8	vf475639.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.780	2.778	2.781	2.777	2.780						2.711 - 2.851	2.779
PCB-1016 Peak 2	3.411	3.408	3.413	3.407	3.411						3.343 - 3.483	3.410
PCB-1016 Peak 3	3.853	3.852	3.853	3.848	3.853						3.783 - 3.923	3.852
PCB-1016 Peak 4	4.256	4.255	4.256	4.252	4.256						4.186 - 4.326	4.255
PCB-1016 Peak 5	4.504	4.501	4.504	4.498	4.503						4.434 - 4.574	4.502
PCB-1016 Peak 6	4.944	4.943	4.945	4.940	4.943						4.875 - 5.015	4.943
PCB-1016 Peak 7	5.333	5.333	5.334	5.329	5.332						5.264 - 5.404	5.332
PCB-1016 Peak 8	5.544	5.542	5.544	5.540	5.544						5.474 - 5.614	5.543
PCB-1260 Peak 1	7.517	7.515	7.514	7.510	7.513						7.444 - 7.584	7.514
PCB-1260 Peak 2	7.949	7.948	7.948	7.943	7.946						7.878 - 8.018	7.947
PCB-1260 Peak 3	8.754	8.753	8.752	8.748	8.752						8.682 - 8.822	8.752
PCB-1260 Peak 4	9.002	9.001	9.000	8.996	8.999						8.930 - 9.070	9.000
PCB-1260 Peak 5	9.143	9.143	9.141	9.135	9.140						9.071 - 9.211	9.140
PCB-1260 Peak 6	9.687	9.685	9.685	9.681	9.683						9.615 - 9.755	9.684
PCB-1260 Peak 7	10.527	10.527	10.526	10.525	10.526						10.456 - 10.596	10.526
PCB-1260 Peak 8	11.024	11.022	11.024	11.023	11.023						10.954 - 11.094	11.023
DCB Decachlorobiphenyl	11.473	11.468	11.473	11.473	11.471						11.373 - 11.573	11.472

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16193

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vf475635.d
Level 2	IC 460-117682/5	vf475636.d
Level 3	IC 460-117682/6	vf475637.d
Level 4	IC 460-117682/7	vf475638.d
Level 5	IC 460-117682/8	vf475639.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	11014 8196.2	9907.8	9921.4	8857.4	Ave		9579.30685				11.3		20.0			
PCB-1016 Peak 2	23272 17705	22381	21912	19108	Ave		20875.5967				11.3		20.0			
PCB-1016 Peak 3	9549.2 7489.8	9149.5	8917.1	7938.3	Ave		8608.79619				10.0		20.0			
PCB-1016 Peak 4	42680 33120	40917	39785	35353	Ave		38370.8222				10.4		20.0			
PCB-1016 Peak 5	17874 14595	18091	17482	15700	Ave		16748.5680				9.1		20.0			
PCB-1016 Peak 6	12364 9498.1	11900	11385	10092	Ave		11047.6998				11.0		20.0			
PCB-1016 Peak 7	14475 10604	13199	12943	11357	Ave		12515.5490				12.3		20.0			
PCB-1016 Peak 8	12152 11222	12501	12701	11499	Ave		12015.1956				5.3		20.0			
PCB-1260 Peak 1	30815 23729	28341	28056	25035	Ave		27195.1918				10.4		20.0			
PCB-1260 Peak 2	36431 26937	32174	32055	28334	Ave		31186.1439				11.9		20.0			
PCB-1260 Peak 3	49559 38985	43842	45021	40359	Ave		43553.2715				9.6		20.0			
PCB-1260 Peak 4	24732 18409	21356	21666	19230	Ave		21078.5363				11.7		20.0			
PCB-1260 Peak 5	13644 10636	11251	11876	10787	Ave		11639.0453				10.5		20.0			
PCB-1260 Peak 6	22020 18632	20546	21207	18415	Ave		20164.0727				7.9		20.0			
PCB-1260 Peak 7	26352 21059	24180	23744	21962	Ave		23459.3300				8.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16193

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	10013 8717.1	9466.8	9713.5	9002.9	Ave		9382.70656				5.6		20.0			
DCB Decachlorobiphenyl	400531 335423	385577	362817	328141	Ave		362497.653				8.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16193

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vf475635.d
Level 2	IC 460-117682/5	vf475636.d
Level 3	IC 460-117682/6	vf475637.d
Level 4	IC 460-117682/7	vf475638.d
Level 5	IC 460-117682/8	vf475639.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1101372	4953892	9921428	13286149	20490424	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2327174	11190592	21911915	28661590	44263545	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	954922	4574750	8917144	11907404	18724619	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4267961	20458542	39784854	53029089	82799593	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1787443	9045444	17482456	23549655	36488240	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1236369	5950162	11384818	15137417	23745139	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1447508	6599322	12943020	17035167	26510558	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1215179	6250649	12701469	17248981	28055251	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	3081515	14170532	28055797	37552572	59322250	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3643062	16087091	32054747	42501475	67342134	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4955881	21920875	45021412	60539097	97462469	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2473167	10677956	21666221	28844770	46022580	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1364431	5625611	11876299	16181043	26590084	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2201998	10273091	21206759	27623084	46580133	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2635160	12089986	23744410	32942253	52647915	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1001311	4733423	9713514	13504413	21792802	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	10013268	19278853	36281656	49221214	67084500	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vf475635.d
Report Date: 27-Jun-2012 11:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475635.d
Lab Smp Id: SG1660L1_00012
Inj Date : 27-JUN-2012 09:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:27 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.780	2.781	-0.001	1101372	100.000	110	80.00- 120.00	100.00(M)
3.411	3.413	-0.002	2327174	100.000	110	169.04- 253.56	211.30
3.853	3.853	0.000	954922	100.000	110	69.36- 104.04	86.70
4.256	4.256	0.000	4267961	100.000	110	310.01- 465.02	387.51
4.504	4.504	0.000	1787443	100.000	110	129.83- 194.75	162.29
4.944	4.944	0.000	1236369	100.000	110	89.81- 134.71	112.26
5.333	5.334	-0.001	1447508	100.000	120	105.14- 157.71	131.43
5.544	5.544	0.000	1215179	100.000	100	88.27- 132.40	110.33
Average of Peak Amounts =					111		
27 Aroclor-1260					CAS #: 11096-82-5		
7.517	7.514	0.003	3081515	100.000	110	80.00- 120.00	100.00(M)

Data File: vf475635.d
Report Date: 27-Jun-2012 11:28

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.949	7.948	0.001	3643062	100.000	120	93.39- 140.09	118.22
8.754	8.752	0.002	4955881	100.000	110	126.12- 189.17	160.83
9.002	8.999	0.003	2473167	100.000	120	62.93- 94.40	80.26
9.143	9.141	0.002	1364431	100.000	120	37.04- 55.55	44.28
9.687	9.684	0.003	2201998	100.000	110	55.59- 83.38	71.46
10.527	10.526	0.001	2635160	100.000	99	65.25- 97.87	85.52
11.024	11.024	0.000	1001311	100.000	110	24.44- 36.66	32.49
		Average of Peak Amounts =			111		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.473	11.473	0.000	10013268	25.0000	28	80.00- 120.00	100.00

QC Flag Legend

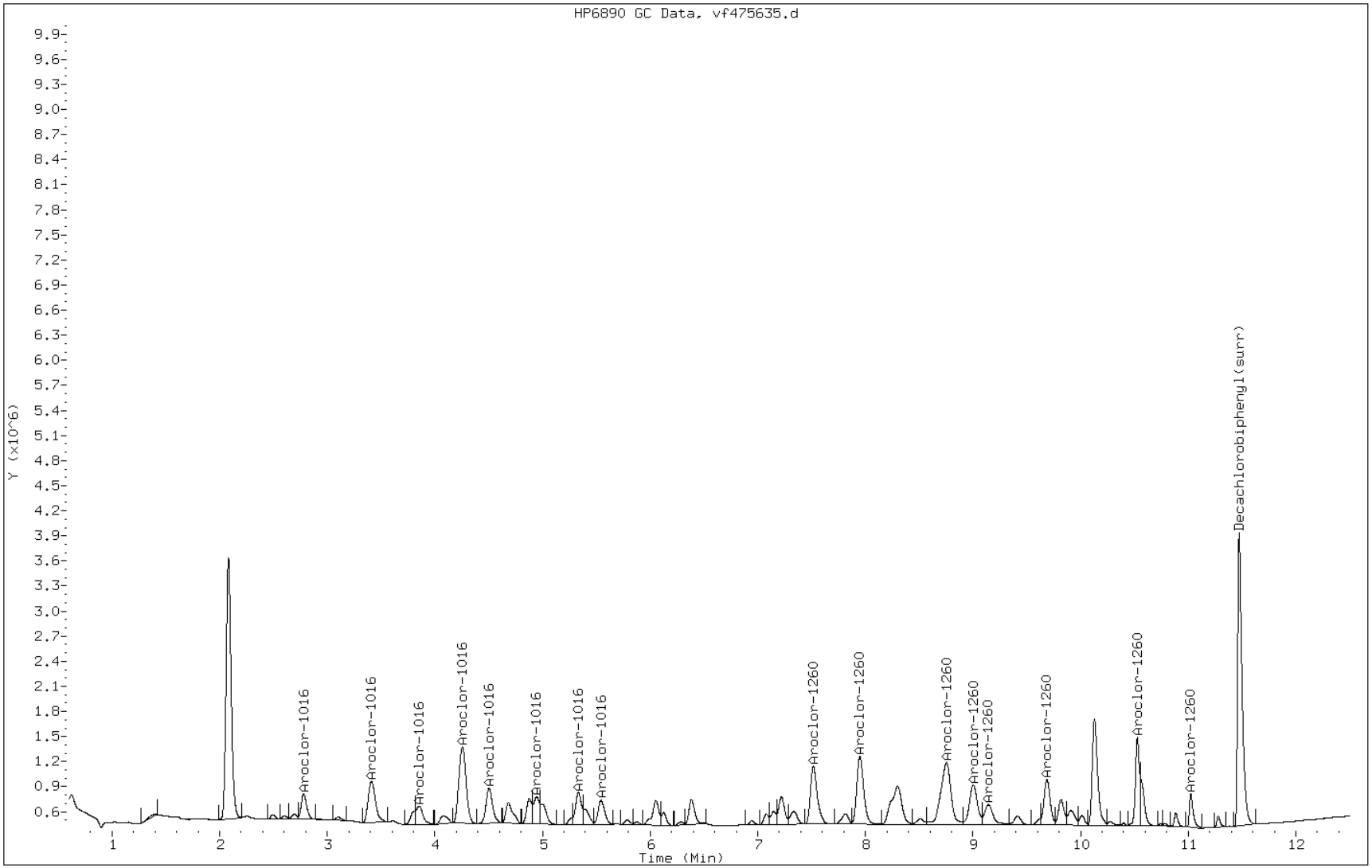
M - Compound response manually integrated.

Data File: vf475635.d

Date: 27-JUN-2012 09:21

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L1_00012 Operator: 615



Data File: vf475636.d
Report Date: 27-Jun-2012 11:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475636.d
Lab Smp Id: SG1660L2_00012
Inj Date : 27-JUN-2012 09:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.778	2.781	-0.003	4953892	500.000	540	80.00- 120.00	100.00(M)
3.408	3.413	-0.005	11190592	500.000	550	176.68- 265.03	225.89
3.852	3.853	-0.001	4574750	500.000	550	71.90- 107.85	92.35
4.255	4.256	-0.001	20458542	500.000	550	320.80- 481.20	412.98
4.501	4.504	-0.003	9045444	500.000	550	140.97- 211.45	182.59
4.943	4.944	-0.001	5950162	500.000	560	91.80- 137.70	120.11
5.333	5.334	-0.001	6599322	500.000	550	104.36- 156.55	133.21
5.542	5.544	-0.002	6250649	500.000	520	102.42- 153.62	126.18
Average of Peak Amounts =					545		
27 Aroclor-1260					CAS #: 11096-82-5		
7.515	7.514	0.001	14170532	500.000	540	80.00- 120.00	100.00(M)

Data File: vf475636.d
Report Date: 27-Jun-2012 11:24

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.948	7.948	0.000	16087091	500.000	540	91.40- 137.10	113.52
8.753	8.752	0.001	21920875	500.000	520	128.38- 192.57	154.69
9.001	8.999	0.002	10677956	500.000	530	61.78- 92.67	75.35
9.143	9.141	0.002	5625611	500.000	500	33.86- 50.80	39.70
9.685	9.684	0.001	10273091	500.000	510	65.87- 98.81	72.50
10.527	10.526	0.001	12089986	500.000	450	112.87- 169.31	85.32
11.022	11.024	-0.002	4733423	500.000	510	27.70- 41.55	33.40
		Average of Peak Amounts =			514		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.468	11.473	-0.005	19278853	50.0000	55	80.00- 120.00	100.00

QC Flag Legend

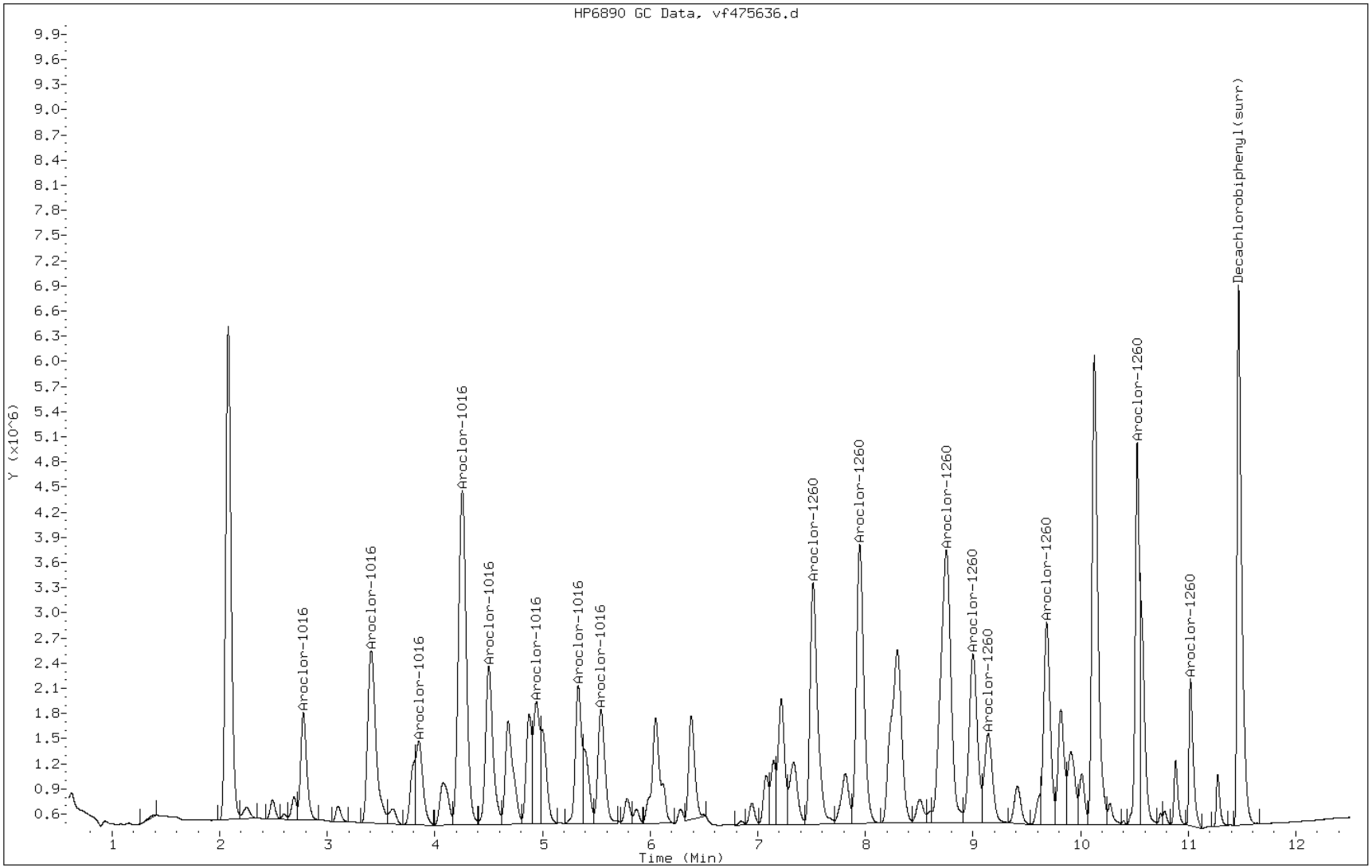
M - Compound response manually integrated.

Data File: vf475636.d

Date: 27-JUN-2012 09:37

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L2_00012 Operator: 615



Data File: vf475637.d
Report Date: 27-Jun-2012 11:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475637.d
Lab Smp Id: SG1660L3_00017
Inj Date : 27-JUN-2012 09:53
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:27 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.781	2.781	0.000	9921428	1000.00	1000	80.00- 120.00	100.00(M)
3.413	3.413	0.000	21911915	1000.00	1000	169.04- 253.56	220.85
3.853	3.853	0.000	8917144	1000.00	1000	69.36- 104.04	89.88
4.256	4.256	0.000	39784854	1000.00	1000	310.01- 465.02	401.00
4.504	4.504	0.000	17482456	1000.00	1000	129.83- 194.75	176.21
4.944	4.944	0.000	11384818	1000.00	1000	89.81- 134.71	114.75
5.334	5.334	0.000	12943020	1000.00	1000	105.14- 157.71	130.46
5.544	5.544	0.000	12701469	1000.00	1000	88.27- 132.40	128.02
Average of Peak Amounts = 1.04e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.514	7.514	0.000	28055797	1000.00	1000	80.00- 120.00	100.00(M)

Data File: vf475637.d
Report Date: 27-Jun-2012 11:28

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.948	7.948	0.000	32054747	1000.00	1000	94.58- 141.87	114.25
8.752	8.752	0.000	45021412	1000.00	1000	128.66- 192.99	160.47
8.999	8.999	0.000	21666221	1000.00	1000	64.21- 96.31	77.23
9.141	9.141	0.000	11876299	1000.00	1000	35.42- 53.13	42.33
9.684	9.684	0.000	21206759	1000.00	1000	57.17- 85.75	75.59
10.526	10.526	0.000	23744410	1000.00	1000	68.41- 102.62	84.63
11.024	11.024	0.000	9713514	1000.00	1000	26.00- 38.99	34.62
Average of Peak Amounts = 1.03e+03							
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3							
11.473	11.473	0.000	36281656	100.000	100	80.00- 120.00	100.00

QC Flag Legend

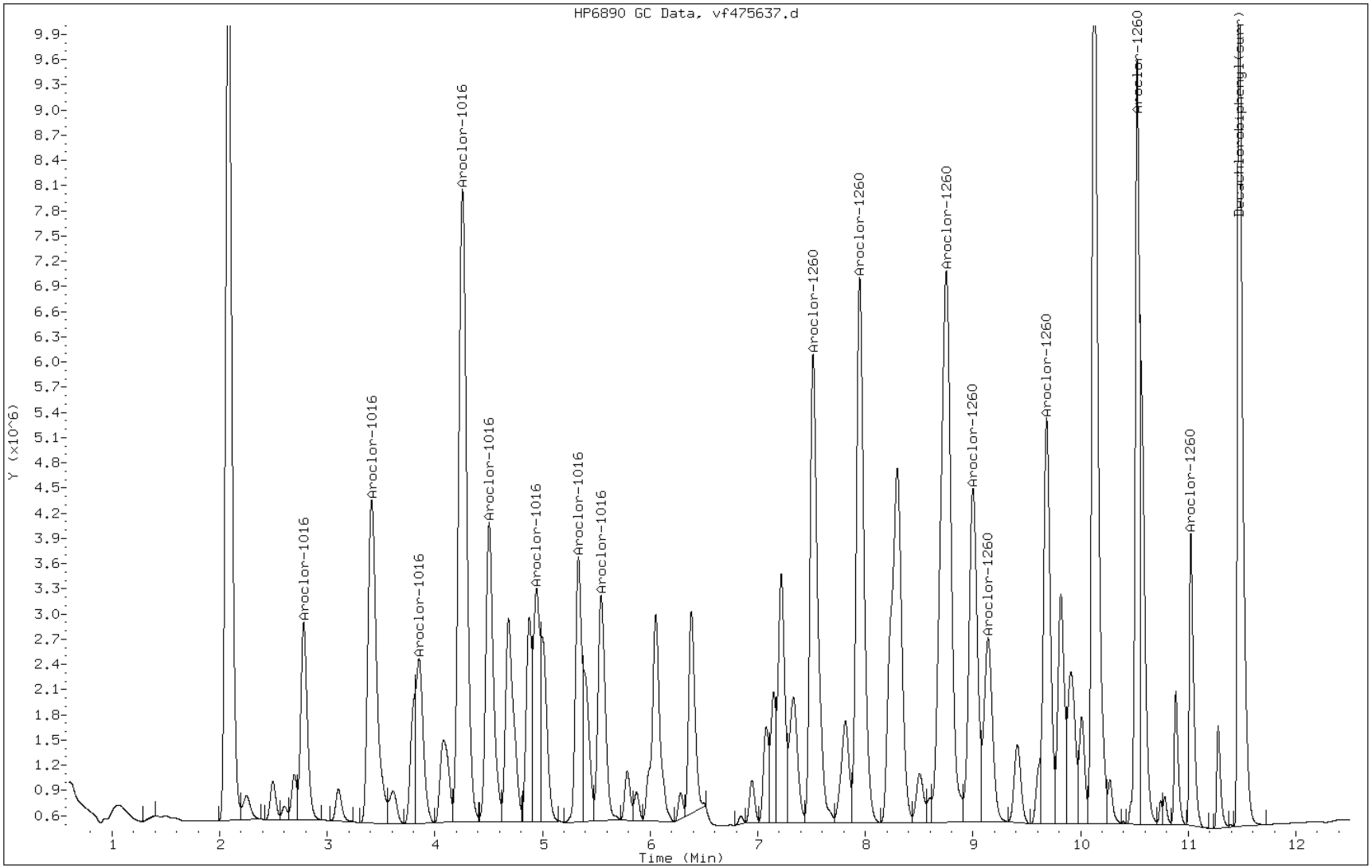
M - Compound response manually integrated.

Data File: vf475637.d

Date: 27-JUN-2012 09:53

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00017 Operator: 615



Data File: vf475638.d
Report Date: 27-Jun-2012 11:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475638.d
Lab Smp Id: SG1660L4_00012
Inj Date : 27-JUN-2012 10:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.777	2.780	-0.003	13286149	1500.00	1600	80.00- 120.00	100.00(M)
3.407	3.411	-0.004	28661590	1500.00	1600	172.82- 259.22	215.73
3.848	3.853	-0.005	11907404	1500.00	1500	73.11- 109.66	89.62
4.252	4.256	-0.004	53029089	1500.00	1500	323.27- 484.91	399.13
4.498	4.503	-0.005	23549655	1500.00	1600	142.46- 213.69	177.25
4.940	4.943	-0.003	15137417	1500.00	1500	92.71- 139.06	113.93
5.329	5.332	-0.003	17035167	1500.00	1600	103.50- 155.26	128.22
5.540	5.544	-0.004	17248981	1500.00	1500	109.54- 164.30	129.83
Average of Peak Amounts = 1.55e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.510	7.513	-0.003	37552572	1500.00	1500	80.00- 120.00	100.00(M)

Data File: vf475638.d
Report Date: 27-Jun-2012 11:22

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.943	7.946	-0.003	42501475	1500.00	1500	90.82- 136.22	113.18
8.748	8.752	-0.004	60539097	1500.00	1500	131.43- 197.15	161.21
8.996	8.999	-0.003	28844770	1500.00	1500	62.06- 93.10	76.81
9.135	9.140	-0.005	16181043	1500.00	1500	35.86- 53.79	43.09
9.681	9.683	-0.002	27623084	1500.00	1500	62.82- 94.22	73.56
10.525	10.526	-0.001	32942253	1500.00	1500	71.00- 106.50	87.72
11.023	11.023	0.000	13504413	1500.00	1500	29.39- 44.08	35.96
Average of Peak Amounts =				1.52e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.473	11.508	-0.035	49221214	150.000	150	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475638.d

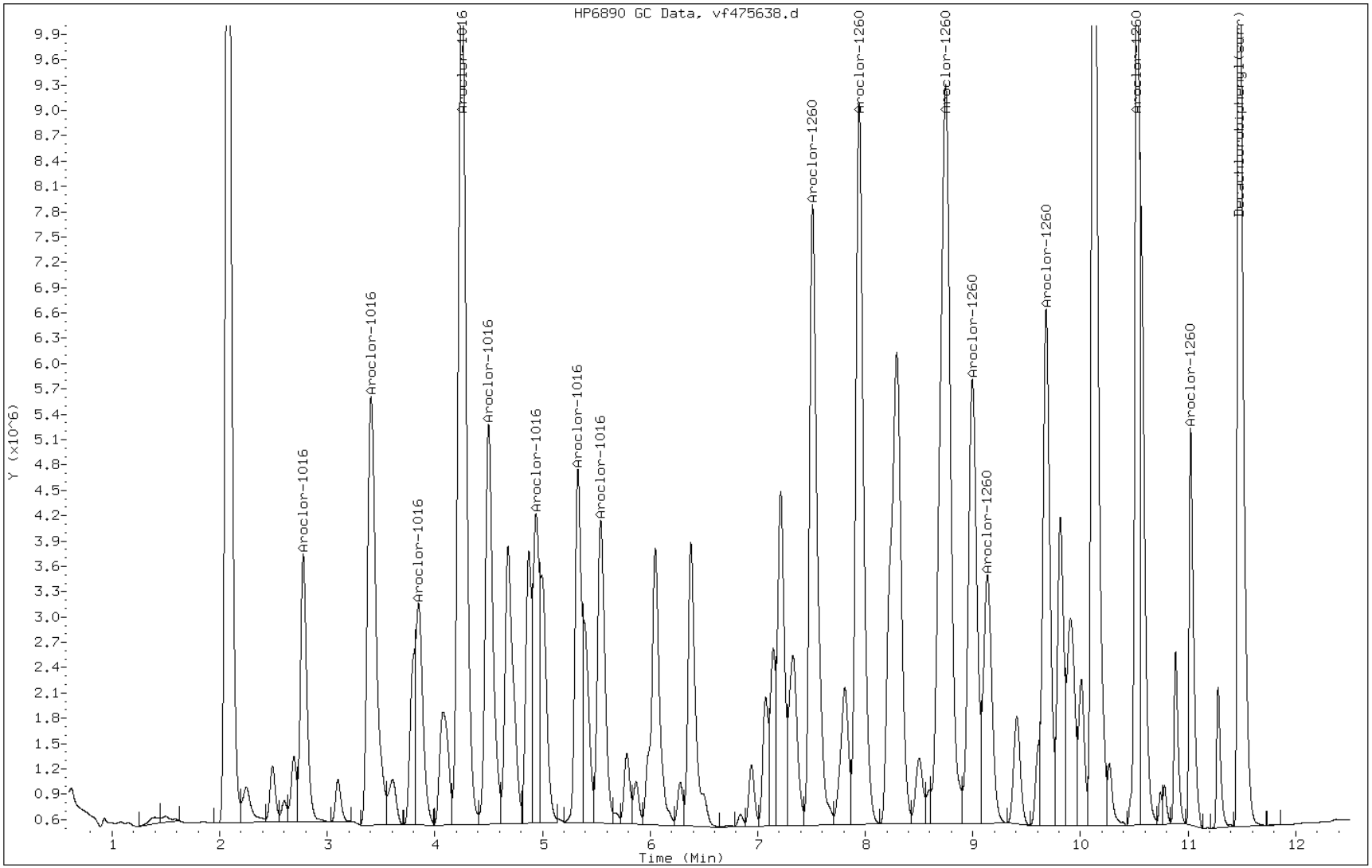
Date: 27-JUN-2012 10:09

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1660L4_00012

Operator: 615



Data File: vf475639.d
Report Date: 27-Jun-2012 11:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475639.d
Lab Smp Id: SG1660L5_00012
Inj Date : 27-JUN-2012 10:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.780	2.841	-0.061	20490424	2500.00	2500	0.00- 0.00	100.00(M)
3.411	3.489	-0.078	44263545	2500.00	2500	0.00- 0.00	216.02
3.853	3.931	-0.078	18724619	2500.00	2500	0.00- 0.00	91.38
4.256	4.333	-0.077	82799593	2500.00	2500	0.00- 0.00	404.09
4.503	4.578	-0.075	36488240	2500.00	2500	0.00- 0.00	178.07
4.943	5.018	-0.075	23745139	2500.00	2500	0.00- 0.00	115.88
5.332	5.407	-0.075	26510558	2500.00	2500	0.00- 0.00	129.38
5.544	5.617	-0.073	28055251	2500.00	2500	0.00- 0.00	136.92
Average of Peak Amounts =					2.5e+03		
27 Aroclor-1260					CAS #: 11096-82-5		
7.513	7.599	-0.086	59322250	2500.00	2500	0.00- 0.00	100.00(M)

Data File: vf475639.d
Report Date: 27-Jun-2012 11:21

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.946	8.041	-0.095	67342134	2500.00	2500	0.00- 0.00	113.52
8.752	8.862	-0.110	97462469	2500.00	2500	0.00- 0.00	164.29
8.999	9.114	-0.115	46022580	2500.00	2500	0.00- 0.00	77.58
9.140	9.258	-0.118	26590084	2500.00	2500	0.00- 0.00	44.82
9.683	9.766	-0.083	46580133	2500.00	2500	0.00- 0.00	78.52
10.526	10.568	-0.042	52647915	2500.00	2500	0.00- 0.00	88.75
11.023	11.061	-0.038	21792802	2500.00	2500	0.00- 0.00	36.74
Average of Peak Amounts =					2.5e+03		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.471	11.508	-0.037	67084500	200.000	200	0.00- 0.00	100.00

QC Flag Legend

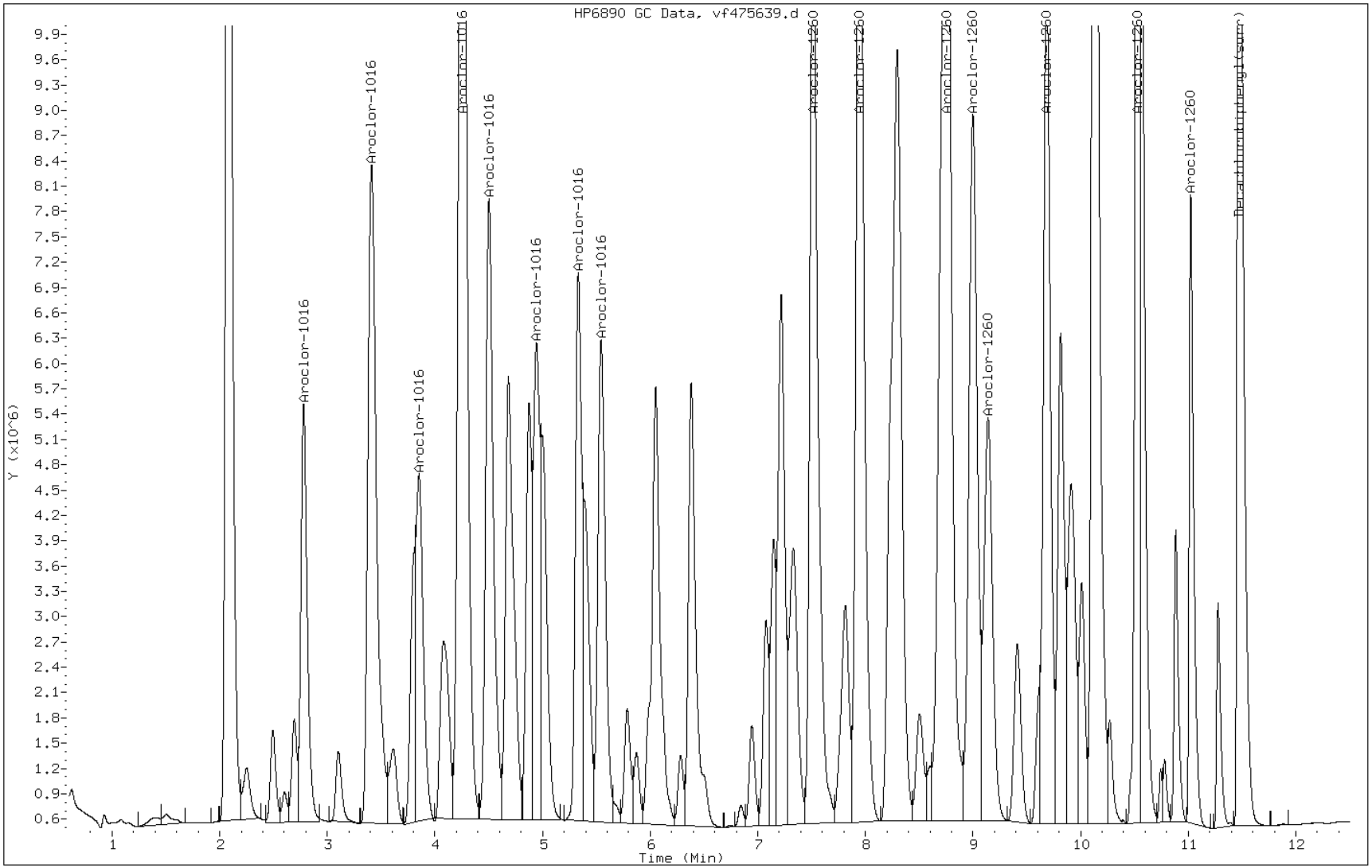
M - Compound response manually integrated.

Data File: vf475639.d

Date: 27-JUN-2012 10:25

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L5_00012 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vr475635.d
Level 2	IC 460-117682/5	vr475636.d
Level 3	IC 460-117682/6	vr475637.d
Level 4	IC 460-117682/7	vr475638.d
Level 5	IC 460-117682/8	vr475639.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.056	2.054	2.056	2.053	2.056						1.986 - 2.126	2.055
PCB-1016 Peak 2	2.502	2.502	2.505	2.500	2.504						2.435 - 2.575	2.503
PCB-1016 Peak 3	2.754	2.753	2.755	2.751	2.755						2.685 - 2.825	2.754
PCB-1016 Peak 4	3.108	3.106	3.109	3.105	3.108						3.039 - 3.179	3.107
PCB-1016 Peak 5	3.308	3.305	3.309	3.304	3.308						3.239 - 3.379	3.307
PCB-1016 Peak 6	3.660	3.661	3.665	3.660	3.665						3.595 - 3.735	3.662
PCB-1016 Peak 7	4.025	4.023	4.026	4.021	4.025						3.956 - 4.096	4.024
PCB-1016 Peak 8	4.169	4.169	4.175	4.168	4.171						4.105 - 4.245	4.170
PCB-1260 Peak 1	6.059	6.057	6.058	6.054	6.057						5.988 - 6.128	6.057
PCB-1260 Peak 2	6.509	6.508	6.509	6.504	6.508						6.439 - 6.579	6.508
PCB-1260 Peak 3	6.949	6.949	6.950	6.947	6.950						6.880 - 7.020	6.949
PCB-1260 Peak 4	7.151	7.151	7.150	7.147	7.150						7.080 - 7.220	7.150
PCB-1260 Peak 5	7.588	7.586	7.586	7.582	7.586						7.516 - 7.656	7.586
PCB-1260 Peak 6	8.866	8.866	8.865	8.860	8.863						8.795 - 8.935	8.864
PCB-1260 Peak 7	9.086	9.085	9.084	9.081	9.084						9.014 - 9.154	9.084
PCB-1260 Peak 8	10.136	10.135	10.135	10.132	10.134						10.065 - 10.205	10.134
DCB Decachlorobiphenyl	10.619	10.617	10.617	10.615	10.616						10.517 - 10.717	10.617

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vr475635.d
Level 2	IC 460-117682/5	vr475636.d
Level 3	IC 460-117682/6	vr475637.d
Level 4	IC 460-117682/7	vr475638.d
Level 5	IC 460-117682/8	vr475639.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	11871 8766.7	10453	10047	8962.1	Ave		10019.7424				12.5		20.0			
PCB-1016 Peak 2	20675 14906	18269	18465	15864	Ave		17635.7253				13.0		20.0			
PCB-1016 Peak 3	11994 10165	11197	12279	10534	Ave		11233.5917				8.1		20.0			
PCB-1016 Peak 4	48403 33934	42756	41938	35947	Ave		40595.5322				14.2		20.0			
PCB-1016 Peak 5	16303 12984	15909	15731	13631	Ave		14911.6584				10.0		20.0			
PCB-1016 Peak 6	16732 13314	16979	16271	13843	Ave		15427.9793				11.1		20.0			
PCB-1016 Peak 7	16851 13332	15971	15735	13730	Ave		15123.8752				10.0		20.0			
PCB-1016 Peak 8	6502.4 6113.4	6568.8	7158.6	5452.1	Ave		6359.06657				9.9		20.0			
PCB-1260 Peak 1	30998 20970	25266	24407	22312	Ave		24790.9851				15.6		20.0			
PCB-1260 Peak 2	58050 40762	49678	48487	43279	Ave		48051.1237				13.9		20.0			
PCB-1260 Peak 3	48004 38085	44252	44213	39767	Ave		42864.3353				9.2		20.0			
PCB-1260 Peak 4	25275 19974	23774	23612	21074	Ave		22741.7678				9.5		20.0			
PCB-1260 Peak 5	22268 18102	21228	21052	18954	Ave		20320.9858				8.5		20.0			
PCB-1260 Peak 6	27568 24066	26513	27373	24613	Ave		26026.4967				6.2		20.0			
PCB-1260 Peak 7	15297 14750	15056	15980	14589	Ave		15134.4190				3.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16192

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	13126 12712	13117	13816	12597	Ave		13073.5723				3.7		20.0			
DCB Decachlorobiphenyl	463008 350595	439108	420786	354132	Ave		405525.921				12.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 09:21 Calibration End Date: 06/27/2012 10:25 Calibration ID: 16192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/4	vr475635.d
Level 2	IC 460-117682/5	vr475636.d
Level 3	IC 460-117682/6	vr475637.d
Level 4	IC 460-117682/7	vr475638.d
Level 5	IC 460-117682/8	vr475639.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1187077	5226277	10046568	13443121	21916848	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2067455	9134671	18464770	23795962	37264974	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1199399	5598275	12278525	15800317	25413372	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4840325	21377797	41938194	53919933	84835003	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1630299	7954627	15731049	20446746	32459588	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1673202	8489685	16271224	20764315	33286015	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1685132	7985300	15735495	20595455	33329144	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	650236	3284411	7158621	8178148	15283578	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	3099848	12633132	24407497	33468612	52425691	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	5804958	24839129	48486545	64919158	101904492	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4800417	22126195	44213397	59649833	95212911	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2527536	11886963	23611974	31610418	49934917	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	2226762	10614183	21052353	28431198	45256145	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2756785	13256639	27372651	36919793	60163773	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1529679	7527885	15980105	21883985	36875267	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1312601	6558287	13815803	18895896	31780526	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	11575207	21955389	42078637	53119867	70118946	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vr475635.d
Report Date: 27-Jun-2012 11:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475635.d
Lab Smp Id: SG1660L1_00012
Inj Date : 27-JUN-2012 09:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:04 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.056	2.056	0.000	1187077	100.000	120	80.00- 120.00	100.00(M)
2.502	2.505	-0.003	2067455	100.000	120	139.83- 209.74	174.16
2.754	2.755	-0.001	1199399	100.000	110	85.69- 128.54	101.04
3.108	3.109	-0.001	4840325	100.000	120	327.24- 490.85	407.75
3.308	3.309	-0.001	1630299	100.000	110	121.76- 182.65	137.34
3.660	3.665	-0.005	1673202	100.000	110	129.95- 194.93	140.95
4.025	4.026	-0.001	1685132	100.000	110	122.23- 183.35	141.96
4.169	4.175	-0.006	650236	100.000	100	50.28- 75.41	54.78
Average of Peak Amounts =					112		
27 Aroclor-1260					CAS #: 11096-82-5		
6.059	6.058	0.001	3099848	100.000	120	80.00- 120.00	100.00

Data File: vr475635.d
Report Date: 27-Jun-2012 11:14

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.509	6.509	0.000	5804958	100.000	120	157.30- 235.94	187.27
6.949	6.950	-0.001	4800417	100.000	110	140.12- 210.17	154.86
7.151	7.150	0.001	2527536	100.000	110	75.27- 112.91	81.54
7.588	7.586	0.002	2226762	100.000	110	67.21- 100.82	71.83
8.866	8.865	0.001	2756785	100.000	100	83.95- 125.92	88.93
9.086	9.084	0.002	1529679	100.000	100	47.67- 71.51	49.35
10.136	10.134	0.002	1312601	100.000	100	41.53- 62.30	42.34
		Average of Peak Amounts =			111		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.619	10.617	0.002	11575207	25.0000	28	80.00- 120.00	100.00

QC Flag Legend

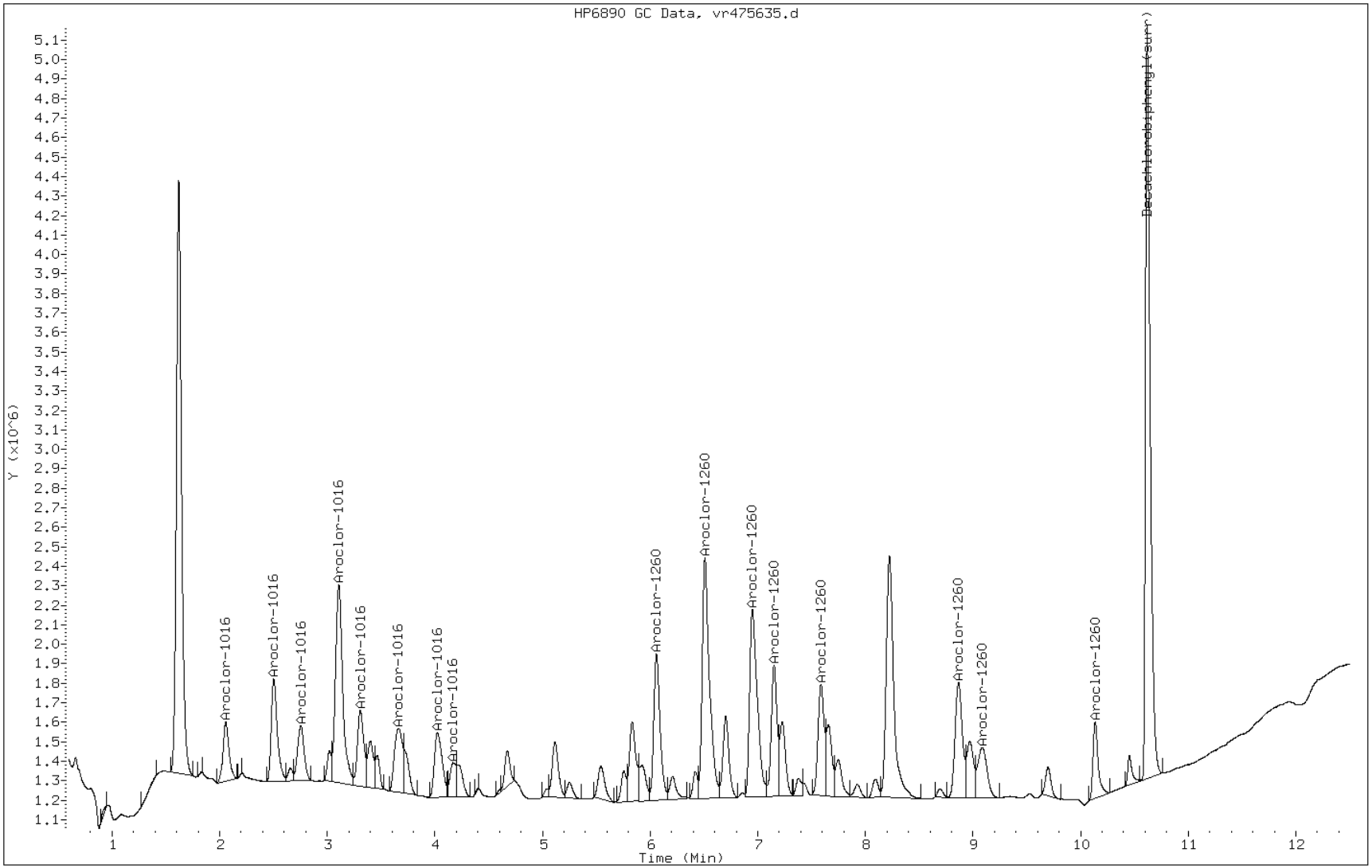
M - Compound response manually integrated.

Data File: vr475635.d

Date: 27-JUN-2012 09:21

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L1_00012 Operator: 615



Data File: vr475636.d
Report Date: 27-Jun-2012 11:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475636.d
Lab Smp Id: SG1660L2_00012
Inj Date : 27-JUN-2012 09:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:04 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.054	2.056	-0.002	5226277	500.000	550	80.00- 120.00	100.00(M)
2.502	2.505	-0.003	9134671	500.000	540	147.03- 220.55	174.78
2.753	2.755	-0.002	5598275	500.000	510	97.77- 146.66	107.12
3.106	3.109	-0.003	21377797	500.000	550	333.95- 500.93	409.04
3.305	3.309	-0.004	7954627	500.000	550	125.27- 187.90	152.20
3.661	3.665	-0.004	8489685	500.000	560	129.57- 194.35	162.44
4.023	4.026	-0.003	7985300	500.000	540	125.30- 187.95	152.79
4.169	4.175	-0.006	3284411	500.000	520	57.00- 85.51	62.84
Average of Peak Amounts =					540		
27 Aroclor-1260					CAS #: 11096-82-5		
6.057	6.058	-0.001	12633132	500.000	540	80.00- 120.00	100.00

Data File: vr475636.d
Report Date: 27-Jun-2012 11:12

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.508	6.509	-0.001	24839129	500.000	540	158.92- 238.39	196.62
6.949	6.950	-0.001	22126195	500.000	530	144.92- 217.38	175.14
7.151	7.150	0.001	11886963	500.000	540	77.39- 116.09	94.09
7.586	7.586	0.000	10614183	500.000	540	69.00- 103.50	84.02
8.866	8.865	0.001	13256639	500.000	520	89.72- 134.58	104.94
9.085	9.084	0.001	7527885	500.000	500	52.38- 78.57	59.59
10.135	10.134	0.001	6558287	500.000	500	45.28- 67.93	51.91
Average of Peak Amounts =					526		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.617	10.617	0.000	21955389	50.0000	56	80.00- 120.00	100.00

QC Flag Legend

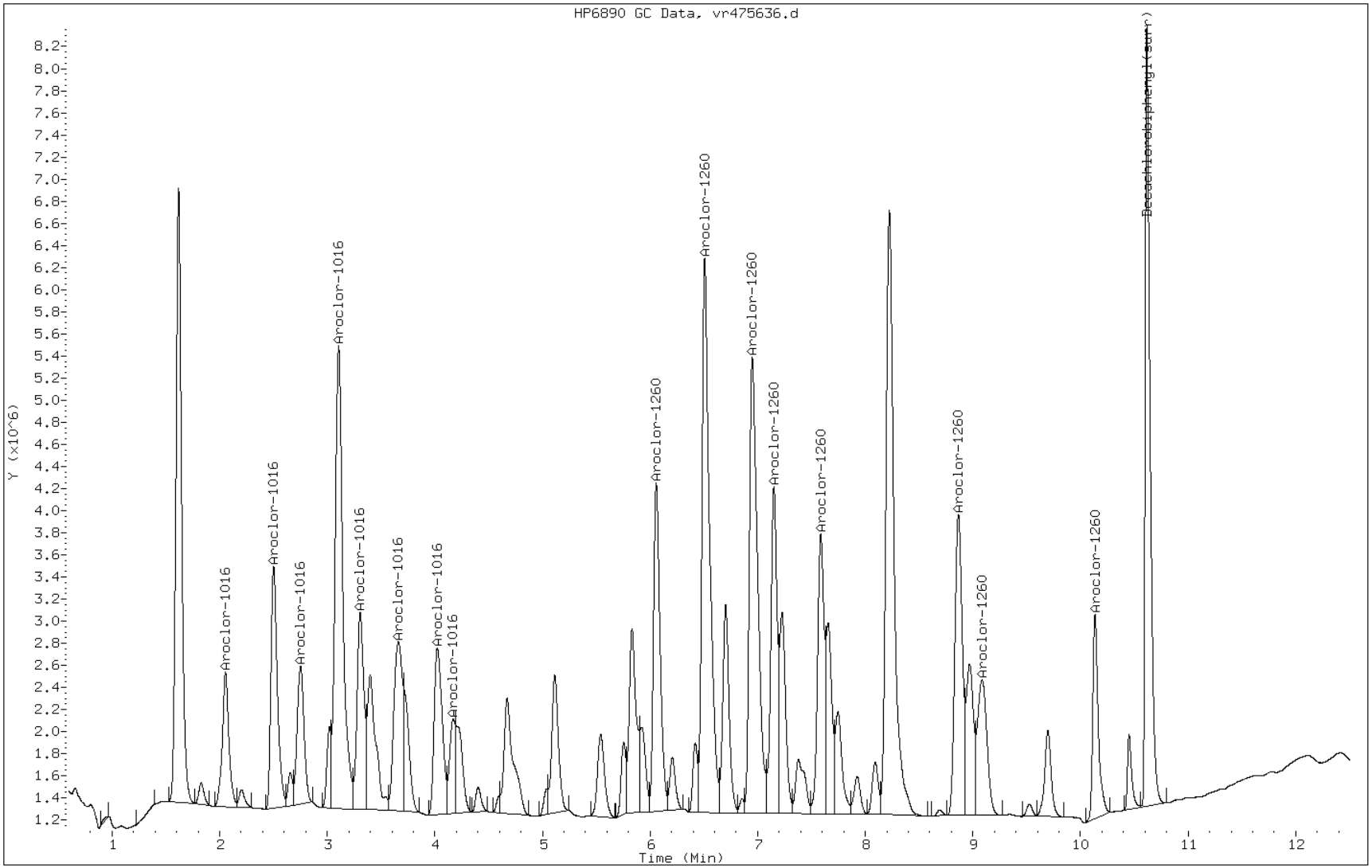
M - Compound response manually integrated.

Data File: vr475636.d

Date: 27-JUN-2012 09:37

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L2_00012 Operator: 615



Data File: vr475637.d
Report Date: 27-Jun-2012 11:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475637.d
Lab Smp Id: SG1660L3_00017
Inj Date : 27-JUN-2012 09:53
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:04 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.056	2.056	0.000	10046568	1000.00	1100	80.00- 120.00	100.00(M)
2.505	2.504	0.001	18464770	1000.00	1100	141.61- 212.41	183.79
2.755	2.755	0.000	12278525	1000.00	1100	94.03- 141.04	122.22
3.109	3.108	0.001	41938194	1000.00	1100	320.88- 481.32	417.44
3.309	3.308	0.001	15731049	1000.00	1100	121.68- 182.52	156.58
3.665	3.665	0.000	16271224	1000.00	1100	123.57- 185.35	161.96
4.026	4.025	0.001	15735495	1000.00	1100	122.56- 183.85	156.63
4.175	4.171	0.004	7158621	1000.00	1100	48.67- 73.00	71.25
Average of Peak Amounts = 1.12e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.058	6.057	0.001	24407497	1000.00	1100	80.00- 120.00	100.00

Data File: vr475637.d
Report Date: 27-Jun-2012 11:12

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.509	6.508	0.001	48486545	1000.00	1100	155.18- 232.76	198.65
6.950	6.950	0.000	44213397	1000.00	1100	142.58- 213.87	181.15
7.150	7.150	0.000	23611974	1000.00	1100	75.56- 113.34	96.74
7.586	7.586	0.000	21052353	1000.00	1100	67.96- 101.94	86.25
8.865	8.863	0.002	27372651	1000.00	1100	88.25- 132.37	112.15
9.084	9.084	0.000	15980105	1000.00	1000	52.31- 78.46	65.47
10.134	10.134	0.000	13815803	1000.00	1000	45.17- 67.75	56.60
Average of Peak Amounts =				1.08e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.617	10.680	-0.063	42078637	100.000	110	80.00- 120.00	100.00

QC Flag Legend

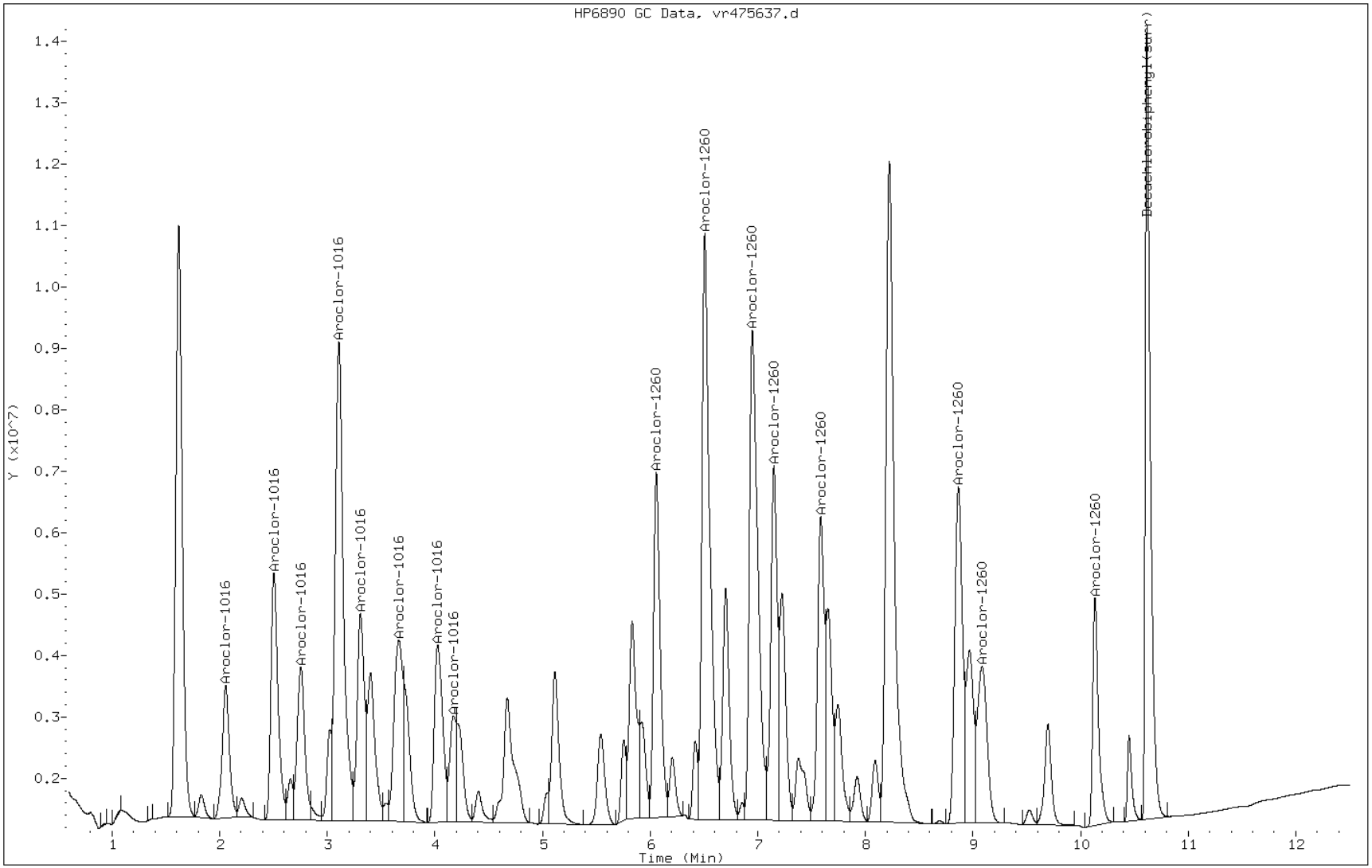
M - Compound response manually integrated.

Data File: vr475637.d

Date: 27-JUN-2012 09:53

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00017 Operator: 615



Data File: vr475638.d
Report Date: 27-Jun-2012 11:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475638.d
Lab Smp Id: SG1660L4_00012
Inj Date : 27-JUN-2012 10:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:04 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.053	2.056	-0.003	13443121	1500.00	1500	80.00- 120.00	100.00(M)
2.500	2.504	-0.004	23795962	1500.00	1500	136.02- 204.03	177.01
2.751	2.755	-0.004	15800317	1500.00	1500	92.76- 139.14	117.53
3.105	3.108	-0.003	53919933	1500.00	1500	309.66- 464.49	401.10
3.304	3.308	-0.004	20446746	1500.00	1500	118.48- 177.72	152.10
3.660	3.665	-0.005	20764315	1500.00	1500	121.50- 182.25	154.46
4.021	4.025	-0.004	20595455	1500.00	1500	121.66- 182.49	153.20
4.168	4.171	-0.003	8178148	1500.00	1400	55.79- 83.68	60.84
Average of Peak Amounts =				1.52e+03			
27 Aroclor-1260					CAS #: 11096-82-5		
6.054	6.057	-0.003	33468612	1500.00	1500	80.00- 120.00	100.00

Data File: vr475638.d
Report Date: 27-Jun-2012 11:11

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.508	-0.004	64919158	1500.00	1500	155.50- 233.25	193.97
6.947	6.950	-0.003	59649833	1500.00	1500	145.29- 217.94	178.23
7.147	7.150	-0.003	31610418	1500.00	1500	76.20- 114.30	94.45
7.582	7.586	-0.004	28431198	1500.00	1500	69.06- 103.59	84.95
8.860	8.863	-0.003	36919793	1500.00	1500	91.81- 137.71	110.31
9.081	9.084	-0.003	21883985	1500.00	1500	56.27- 84.41	65.39
10.132	10.134	-0.002	18895896	1500.00	1500	48.50- 72.74	56.46
Average of Peak Amounts =				1.53e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.680	-0.065	53119867	150.000	150	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr475638.d

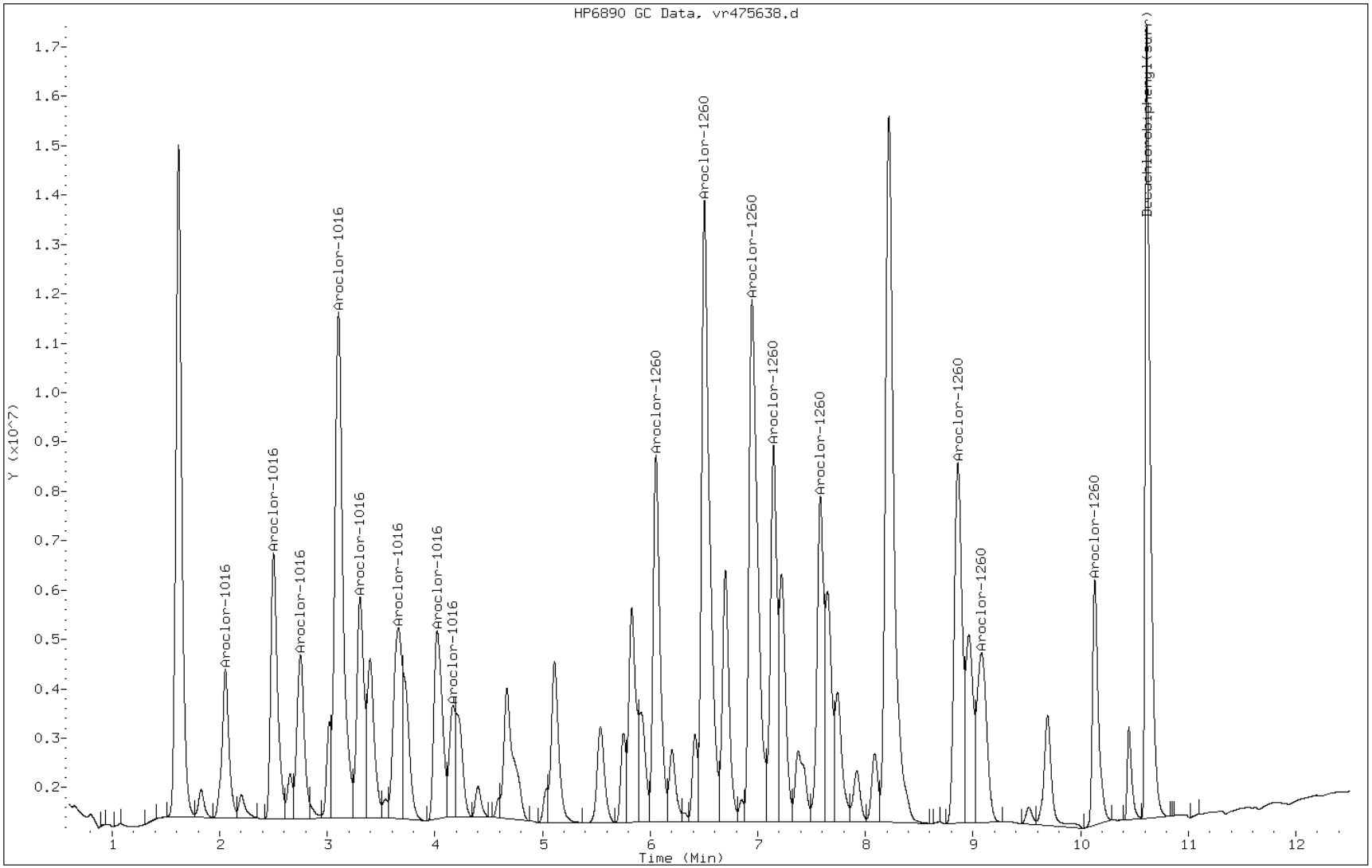
Date: 27-JUN-2012 10:09

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1660L4_00012

Operator: 615



Data File: vr475639.d
Report Date: 27-Jun-2012 11:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475639.d
Lab Smp Id: SG1660L5_00012
Inj Date : 27-JUN-2012 10:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:04 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
21 Aroclor-1016					CAS #: 12674-11-2			
2.056	2.138	-0.082	21916848	2500.00	2500	0.00-	0.00	100.00(M)
2.504	2.587	-0.083	37264974	2500.00	2500	0.00-	0.00	170.03
2.755	2.841	-0.086	25413372	2500.00	2500	0.00-	0.00	115.95
3.108	3.199	-0.091	84835003	2500.00	2500	0.00-	0.00	387.08
3.308	3.413	-0.105	32459588	2500.00	2500	0.00-	0.00	148.10
3.665	3.778	-0.113	33286015	2500.00	2500	0.00-	0.00	151.87
4.025	4.135	-0.110	33329144	2500.00	2500	0.00-	0.00	152.07
4.171	4.282	-0.111	15283578	2500.00	2500	0.00-	0.00	69.73
Average of Peak Amounts =					2.5e+03			
27 Aroclor-1260					CAS #: 11096-82-5			
6.057	6.164	-0.107	52425691	2500.00	2500	0.00-	0.00	100.00(M)

Data File: vr475639.d
Report Date: 27-Jun-2012 11:10

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.508	6.615	-0.107	101904492	2500.00	2500	0.00- 0.00	194.38
6.950	7.062	-0.112	95212911	2500.00	2500	0.00- 0.00	181.61
7.150	7.268	-0.118	49934917	2500.00	2500	0.00- 0.00	95.25
7.586	7.716	-0.130	45256145	2500.00	2500	0.00- 0.00	86.32
8.863	9.036	-0.173	60163773	2500.00	2500	0.00- 0.00	114.76
9.084	9.264	-0.180	36875267	2500.00	2500	0.00- 0.00	70.34
10.134	10.225	-0.091	31780526	2500.00	2500	0.00- 0.00	60.62
Average of Peak Amounts =				2.5e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.616	10.680	-0.064	70118946	200.000	200	0.00- 0.00	100.00

QC Flag Legend

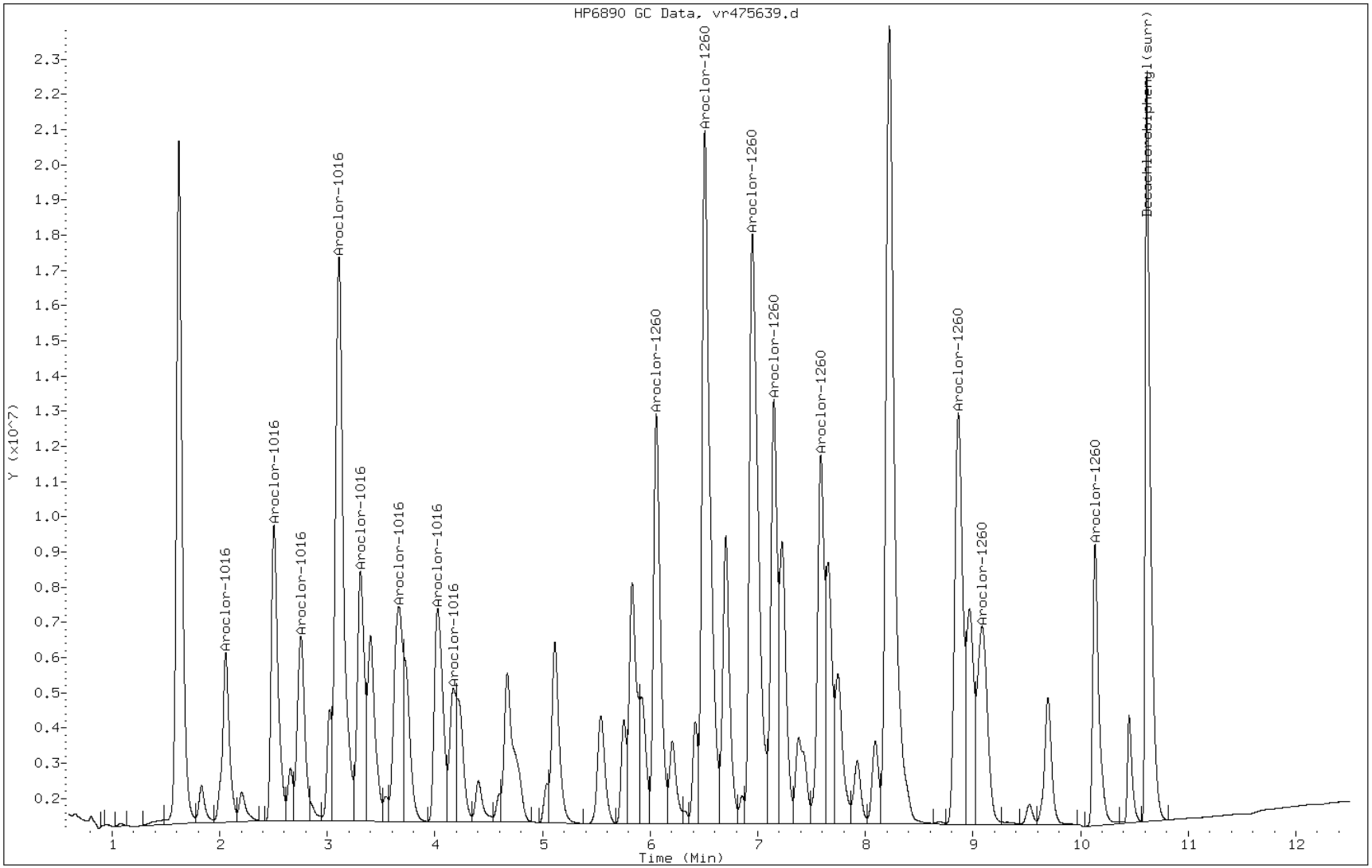
M - Compound response manually integrated.

Data File: vr475639.d

Date: 27-JUN-2012 10:25

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L5_00012 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vf475640.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.503										1.433 - 1.573	1.503
PCB-1221 Peak 2	1.966										1.896 - 2.036	1.966
PCB-1221 Peak 3	2.495										2.425 - 2.565	2.495
PCB-1221 Peak 4	2.695										2.625 - 2.765	2.695
PCB-1221 Peak 5	2.781										2.711 - 2.851	2.781
PCB-1221 Peak 6	3.506										3.436 - 3.576	3.506
PCB-1221 Peak 7	3.852										3.782 - 3.922	3.852
PCB-1221 Peak 8	4.256										4.186 - 4.326	4.256

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vf475640.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	4715.8				Ave		4715.78400						20.0			
PCB-1221 Peak 2	1211.7				Ave		1211.74400						20.0			
PCB-1221 Peak 3	5627.5				Ave		5627.52300						20.0			
PCB-1221 Peak 4	3582.3				Ave		3582.34200						20.0			
PCB-1221 Peak 5	13895				Ave		13894.7340						20.0			
PCB-1221 Peak 6	2872.7				Ave		2872.67100						20.0			
PCB-1221 Peak 7	702.21				Ave		702.209000						20.0			
PCB-1221 Peak 8	2577.8				Ave		2577.76000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vf475640.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	4715784					1000				
PCB-1221 Peak 2	Ave	1211744					1000				
PCB-1221 Peak 3	Ave	5627523					1000				
PCB-1221 Peak 4	Ave	3582342					1000				
PCB-1221 Peak 5	Ave	13894734					1000				
PCB-1221 Peak 6	Ave	2872671					1000				
PCB-1221 Peak 7	Ave	702209					1000				
PCB-1221 Peak 8	Ave	2577760					1000				

Curve Type Legend:

Ave = Average

Data File: vf475640.d
Report Date: 27-Jun-2012 14:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475640.d
Lab Smp Id: SG1221L3_00014
Inj Date : 27-JUN-2012 10:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
22 Aroclor-1221					CAS #: 11104-28-2			
1.503	1.558	-0.055	4715784	1000.00	1000	0.00-	0.00	100.00(M)
1.966	2.023	-0.057	1211744	1000.00	1000	0.00-	0.00	25.70
2.495	2.554	-0.059	5627523	1000.00	1000	0.00-	0.00	119.33
2.695	2.754	-0.059	3582342	1000.00	1000	0.00-	0.00	75.96
2.781	2.843	-0.062	13894734	1000.00	1000	0.00-	0.00	294.64
3.506	3.587	-0.081	2872671	1000.00	1000	0.00-	0.00	60.92
3.852	3.931	-0.079	702209	1000.00	1000	0.00-	0.00	14.89
4.256	4.332	-0.076	2577760	1000.00	1000	0.00-	0.00	54.66
Average of Peak Amounts =					1e+03			

Data File: vf475640.d
Report Date: 27-Jun-2012 14:02

QC Flag Legend

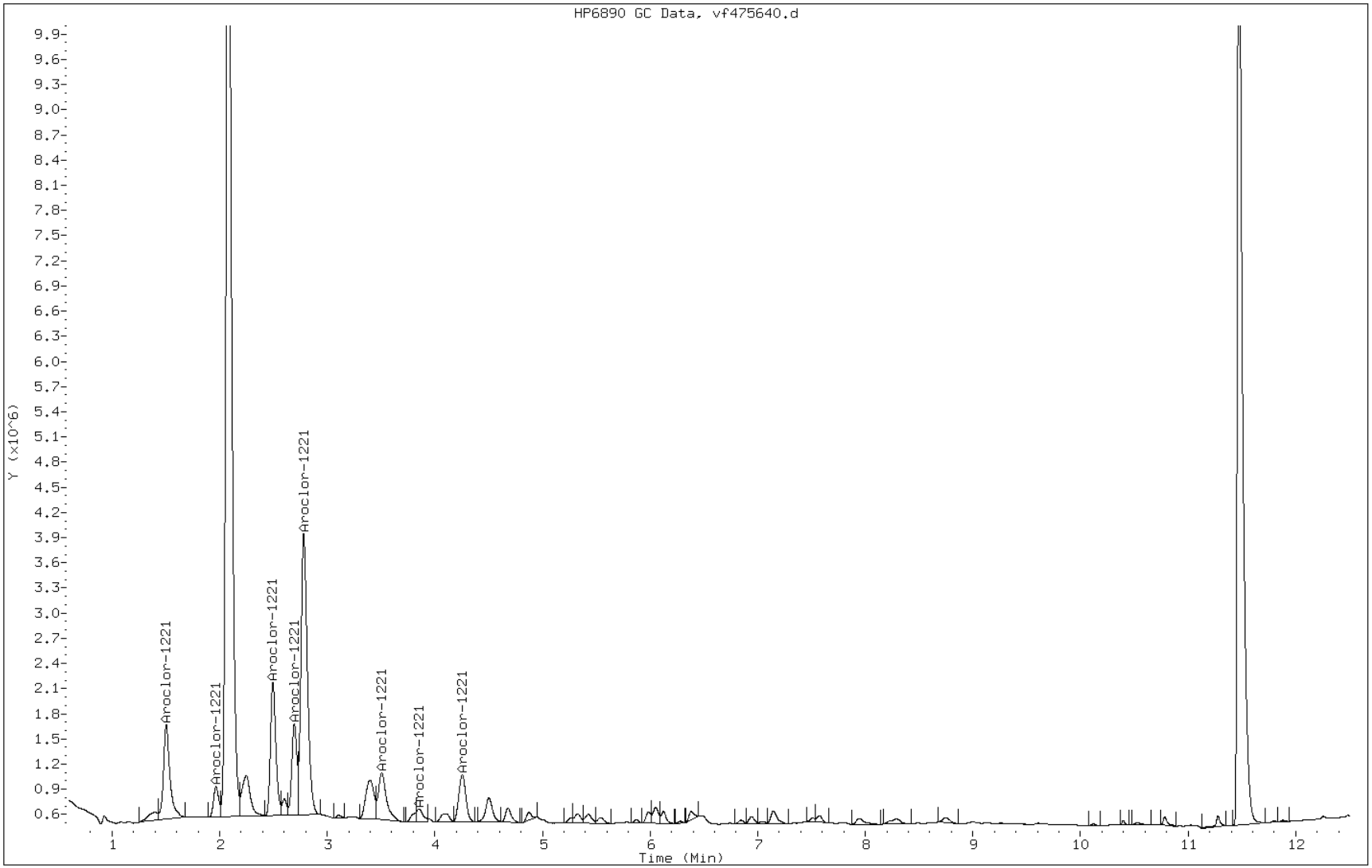
M - Compound response manually integrated.

Data File: vf475640.d

Date: 27-JUN-2012 10:41

Client ID: Instrument: PESTGC9.i

Sample Info: SG1221L3_00014 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vr475640.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.075										1.005 - 1.145	1.075
PCB-1221 Peak 2	1.478										1.408 - 1.548	1.478
PCB-1221 Peak 3	1.830										1.760 - 1.900	1.830
PCB-1221 Peak 4	2.055										1.985 - 2.125	2.055
PCB-1221 Peak 5	2.577										2.507 - 2.647	2.577
PCB-1221 Peak 6	2.661										2.591 - 2.731	2.661
PCB-1221 Peak 7	2.752										2.682 - 2.822	2.752
PCB-1221 Peak 8	3.110										3.040 - 3.180	3.110

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vr475640.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	3713.9				Ave		3713.89600						20.0			
PCB-1221 Peak 2	609.98				Ave		609.975000						20.0			
PCB-1221 Peak 3	5150.2				Ave		5150.16600						20.0			
PCB-1221 Peak 4	15158				Ave		15157.7610						20.0			
PCB-1221 Peak 5	1211.6				Ave		1211.62000						20.0			
PCB-1221 Peak 6	2595.7				Ave		2595.71600						20.0			
PCB-1221 Peak 7	941.69				Ave		941.688000						20.0			
PCB-1221 Peak 8	2915.4				Ave		2915.44000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:41 Calibration End Date: 06/27/2012 10:41 Calibration ID: 16194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/9	vr475640.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3713896					1000				
PCB-1221 Peak 2	Ave	609975					1000				
PCB-1221 Peak 3	Ave	5150166					1000				
PCB-1221 Peak 4	Ave	15157761					1000				
PCB-1221 Peak 5	Ave	1211620					1000				
PCB-1221 Peak 6	Ave	2595716					1000				
PCB-1221 Peak 7	Ave	941688					1000				
PCB-1221 Peak 8	Ave	2915440					1000				

Curve Type Legend:

Ave = Average

Data File: vr475640.d
Report Date: 27-Jun-2012 13:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475640.d
Lab Smp Id: SG1221L3_00014
Inj Date : 27-JUN-2012 10:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
22 Aroclor-1221					CAS #: 11104-28-2			
1.075	1.143	-0.068	3713896	1000.00	1000	0.00-	0.00	100.00(M)
1.478	1.556	-0.078	609975	1000.00	1000	0.00-	0.00	30.28
1.830	1.908	-0.078	5150166	1000.00	1000	0.00-	0.00	138.67
2.055	2.136	-0.081	15157761	1000.00	1000	0.00-	0.00	408.14
2.577	2.664	-0.087	1211620	1000.00	1000	0.00-	0.00	32.62
2.661	2.748	-0.087	2595716	1000.00	1000	0.00-	0.00	69.89
2.752	2.804	-0.052	941688	1000.00	1000	0.00-	0.00	25.36
3.110	3.199	-0.089	2915440	1000.00	1000	0.00-	0.00	78.50
Average of Peak Amounts =					1e+03			

Data File: vr475640.d
Report Date: 27-Jun-2012 13:50

QC Flag Legend

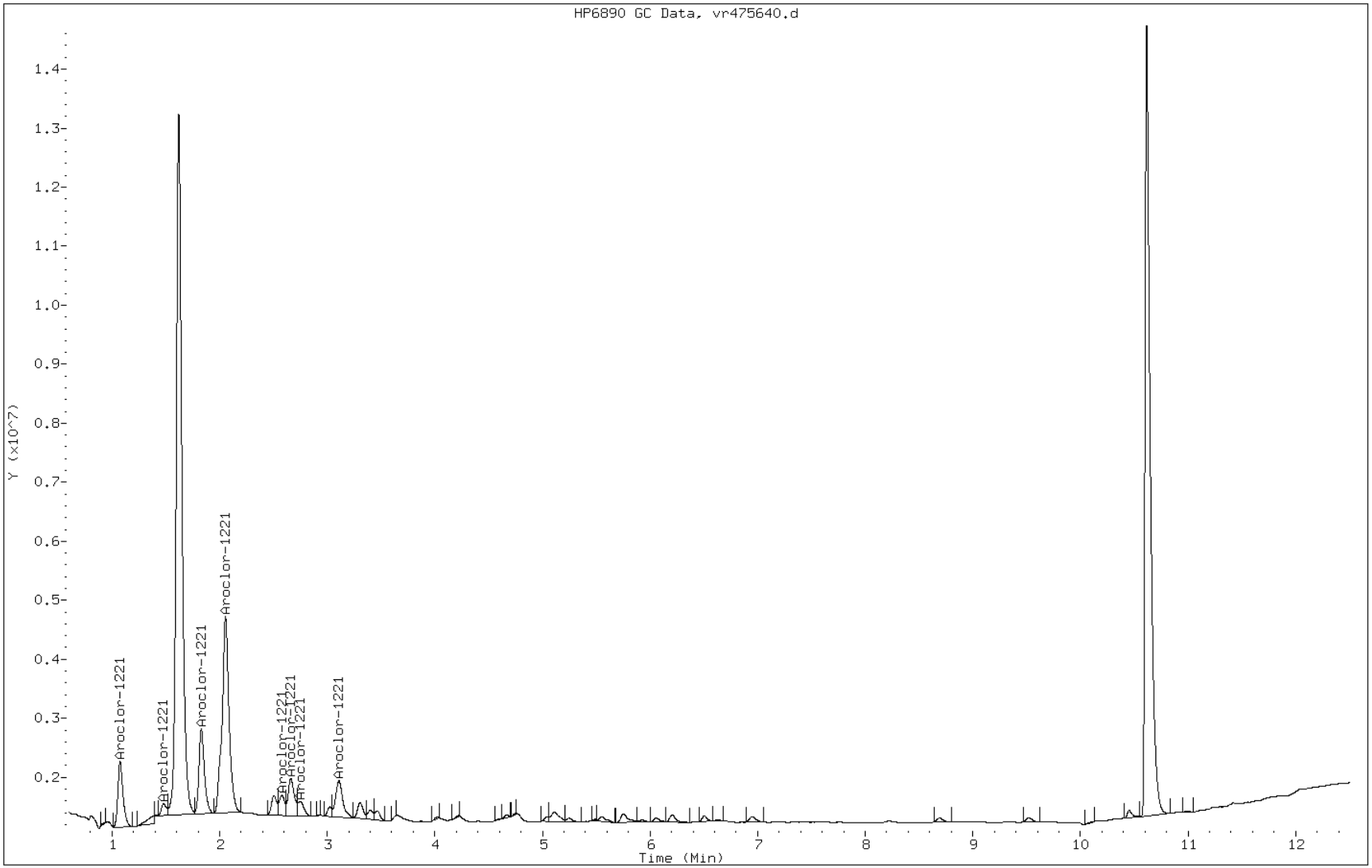
M - Compound response manually integrated.

Data File: vr475640.d

Date: 27-JUN-2012 10:41

Client ID: Instrument: PESTGC9.i

Sample Info: SG1221L3_00014 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16209

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vf475641.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.779										2.709 - 2.849	2.779
PCB-1232 Peak 2	3.407										3.337 - 3.477	3.407
PCB-1232 Peak 3	3.851										3.781 - 3.921	3.851
PCB-1232 Peak 4	4.500										4.430 - 4.570	4.500
PCB-1232 Peak 5	4.680										4.610 - 4.750	4.680
PCB-1232 Peak 6	4.874										4.804 - 4.944	4.874
PCB-1232 Peak 7	5.331										5.261 - 5.401	5.331
PCB-1232 Peak 8	5.541										5.471 - 5.611	5.541

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16209

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vf475641.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	9182.1				Ave		9182.13500						20.0			
PCB-1232 Peak 2	8871.5				Ave		8871.46600						20.0			
PCB-1232 Peak 3	3721.1				Ave		3721.06000						20.0			
PCB-1232 Peak 4	7174.1				Ave		7174.07800						20.0			
PCB-1232 Peak 5	3568.2				Ave		3568.24600						20.0			
PCB-1232 Peak 6	4218.1				Ave		4218.08800						20.0			
PCB-1232 Peak 7	6241.0				Ave		6241.02300						20.0			
PCB-1232 Peak 8	6165.5				Ave		6165.51600						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16209

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vf475641.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	9182135					1000				
PCB-1232 Peak 2	Ave	8871466					1000				
PCB-1232 Peak 3	Ave	3721060					1000				
PCB-1232 Peak 4	Ave	7174078					1000				
PCB-1232 Peak 5	Ave	3568246					1000				
PCB-1232 Peak 6	Ave	4218088					1000				
PCB-1232 Peak 7	Ave	6241023					1000				
PCB-1232 Peak 8	Ave	6165516					1000				

Curve Type Legend:
Ave = Average

Data File: vf475641.d
Report Date: 27-Jun-2012 14:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475641.d
Lab Smp Id: SG1232L3_00013
Inj Date : 27-JUN-2012 10:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 10 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
23 Aroclor-1232					CAS #: 11141-16-5			
2.779	2.837	-0.058	9182135	1000.00	1000	0.00-	0.00	100.00(M)
3.407	3.484	-0.077	8871466	1000.00	1000	0.00-	0.00	96.62
3.851	3.928	-0.077	3721060	1000.00	1000	0.00-	0.00	40.53
4.500	4.576	-0.076	7174078	1000.00	1000	0.00-	0.00	78.13
4.680	4.755	-0.075	3568246	1000.00	1000	0.00-	0.00	38.86
4.874	4.948	-0.074	4218088	1000.00	1000	0.00-	0.00	45.94
5.331	5.404	-0.073	6241023	1000.00	1000	0.00-	0.00	67.97
5.541	5.615	-0.074	6165516	1000.00	1000	0.00-	0.00	67.15
Average of Peak Amounts =					1e+03			

Data File: vf475641.d
Report Date: 27-Jun-2012 14:04

QC Flag Legend

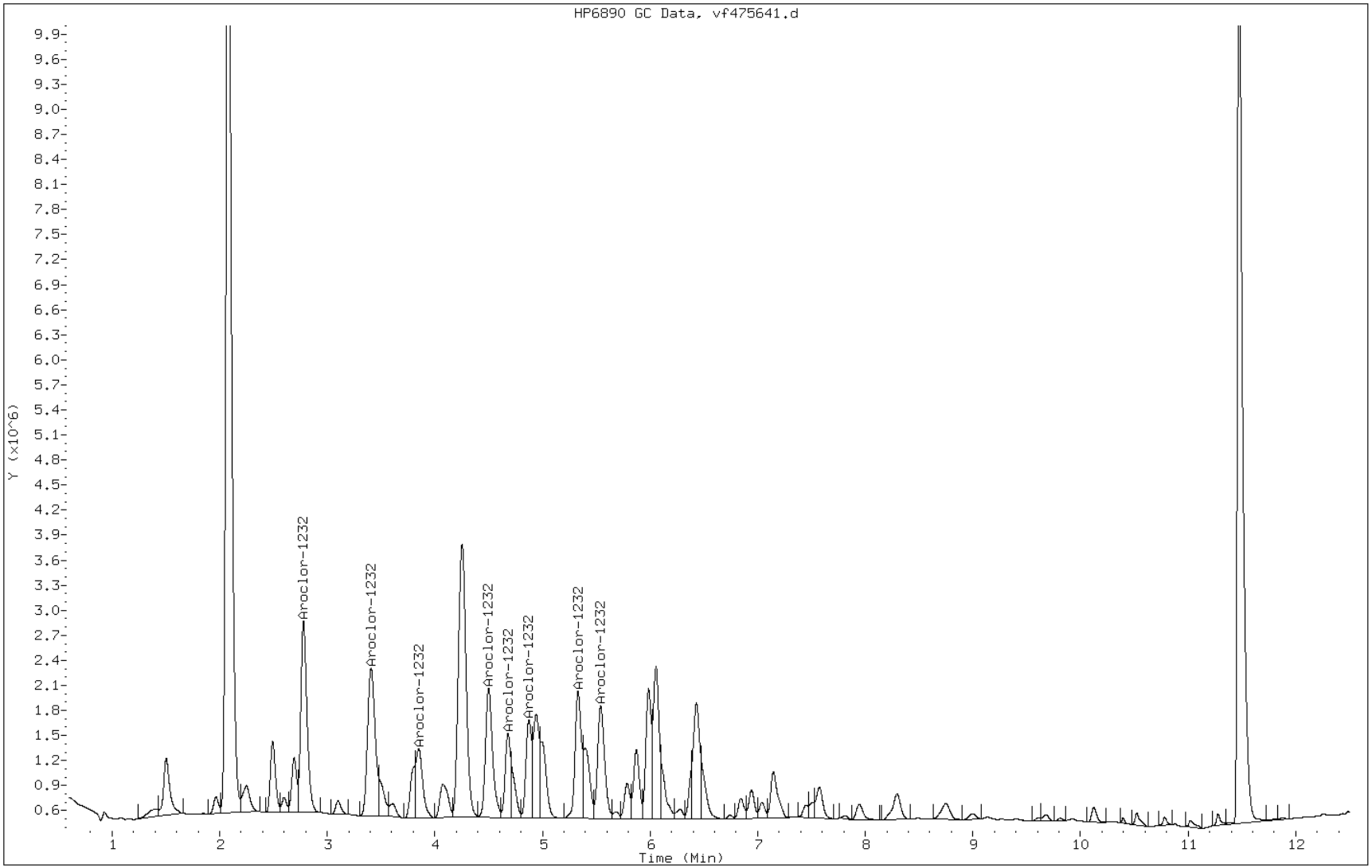
M - Compound response manually integrated.

Data File: vf475641.d

Date: 27-JUN-2012 10:57

Client ID: Instrument: PESTGC9.i

Sample Info: SG1232L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vr475641.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.055										1.985 - 2.125	2.055
PCB-1232 Peak 2	2.502										2.432 - 2.572	2.502
PCB-1232 Peak 3	2.753										2.683 - 2.823	2.753
PCB-1232 Peak 4	3.106										3.036 - 3.176	3.106
PCB-1232 Peak 5	3.305										3.235 - 3.375	3.305
PCB-1232 Peak 6	3.399										3.329 - 3.469	3.399
PCB-1232 Peak 7	4.021										3.951 - 4.091	4.021
PCB-1232 Peak 8	4.595										4.525 - 4.665	4.595

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vr475641.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	10083				Ave		10082.6810						20.0			
PCB-1232 Peak 2	8004.4				Ave		8004.37000						20.0			
PCB-1232 Peak 3	4973.4				Ave		4973.40300						20.0			
PCB-1232 Peak 4	17532				Ave		17532.2320						20.0			
PCB-1232 Peak 5	6338.0				Ave		6337.98100						20.0			
PCB-1232 Peak 6	3640.4				Ave		3640.43800						20.0			
PCB-1232 Peak 7	7297.6				Ave		7297.56700						20.0			
PCB-1232 Peak 8	3327.7				Ave		3327.65200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 10:57 Calibration End Date: 06/27/2012 10:57 Calibration ID: 16196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/10	vr475641.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	10082681					1000				
PCB-1232 Peak 2	Ave	8004370					1000				
PCB-1232 Peak 3	Ave	4973403					1000				
PCB-1232 Peak 4	Ave	17532232					1000				
PCB-1232 Peak 5	Ave	6337981					1000				
PCB-1232 Peak 6	Ave	3640438					1000				
PCB-1232 Peak 7	Ave	7297567					1000				
PCB-1232 Peak 8	Ave	3327652					1000				

Curve Type Legend:
Ave = Average

Data File: vr475641.d
Report Date: 27-Jun-2012 13:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475641.d
Lab Smp Id: SG1232L3_00013
Inj Date : 27-JUN-2012 10:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 10 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
23 Aroclor-1232					CAS #: 11141-16-5			
2.055	2.132	-0.077	10082681	1000.00	1000	0.00-	0.00	100.00(M)
2.502	2.582	-0.080	8004370	1000.00	1000	0.00-	0.00	79.39
2.753	2.836	-0.083	4973403	1000.00	1000	0.00-	0.00	49.33
3.106	3.194	-0.088	17532232	1000.00	1000	0.00-	0.00	173.88
3.305	3.408	-0.103	6337981	1000.00	1000	0.00-	0.00	62.86
3.399	3.508	-0.109	3640438	1000.00	1000	0.00-	0.00	36.11
4.021	4.131	-0.110	7297567	1000.00	1000	0.00-	0.00	72.38
4.595	4.702	-0.107	3327652	1000.00	1000	0.00-	0.00	33.00
Average of Peak Amounts =					1e+03			

Data File: vr475641.d
Report Date: 27-Jun-2012 13:51

QC Flag Legend

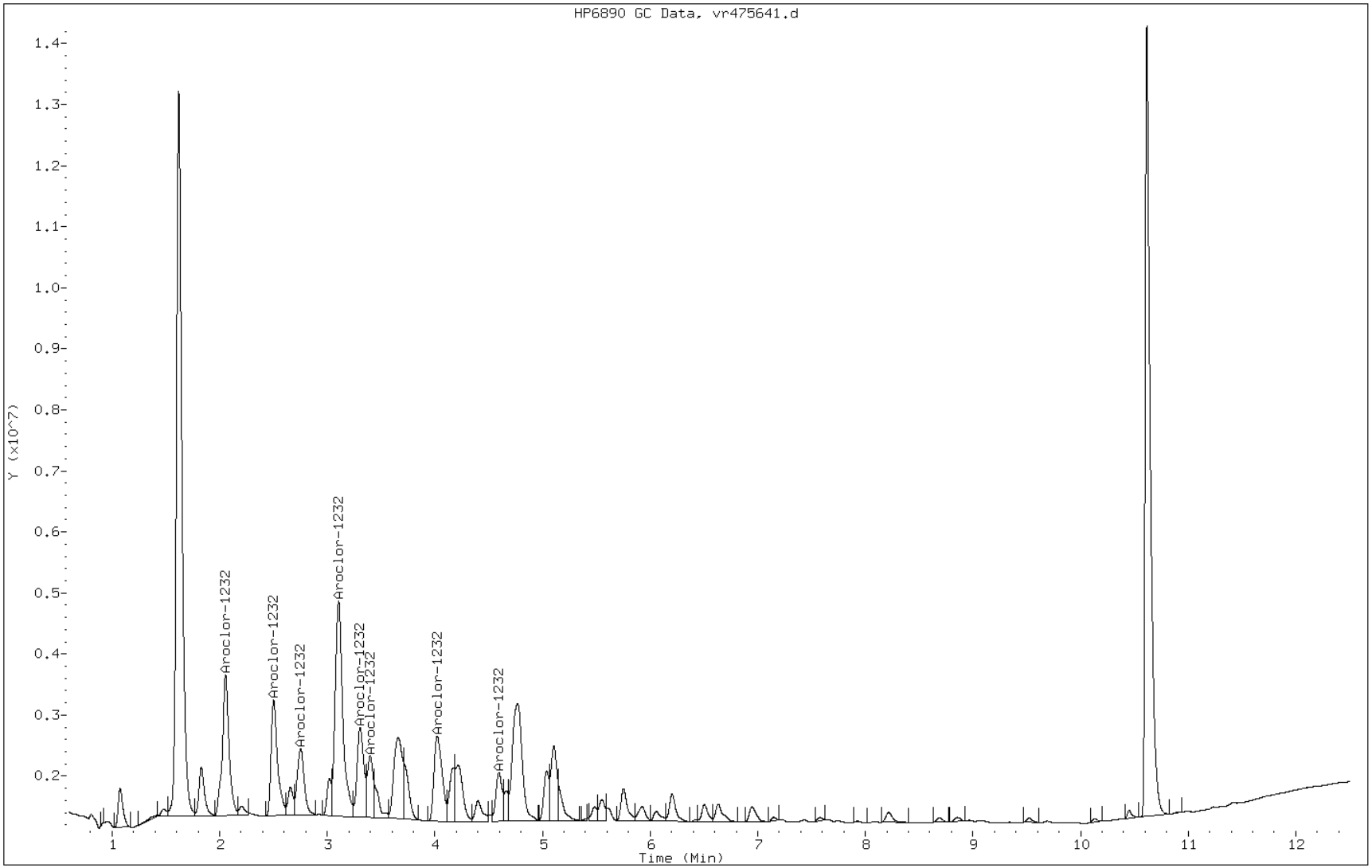
M - Compound response manually integrated.

Data File: vr475641.d

Date: 27-JUN-2012 10:57

Client ID: Instrument: PESTGC9.i

Sample Info: SG1232L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16210

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vf475642.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.777										2.707 - 2.847	2.777
PCB-1242 Peak 2	3.407										3.337 - 3.477	3.407
PCB-1242 Peak 3	3.849										3.779 - 3.919	3.849
PCB-1242 Peak 4	4.251										4.181 - 4.321	4.251
PCB-1242 Peak 5	4.498										4.428 - 4.568	4.498
PCB-1242 Peak 6	4.871										4.801 - 4.941	4.871
PCB-1242 Peak 7	5.539										5.469 - 5.609	5.539
PCB-1242 Peak 8	6.053										5.983 - 6.123	6.053

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16210

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vf475642.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	8437.4				Ave		8437.39900						20.0			
PCB-1242 Peak 2	17744				Ave		17744.4740						20.0			
PCB-1242 Peak 3	7539.2				Ave		7539.16000						20.0			
PCB-1242 Peak 4	31977				Ave		31976.7470						20.0			
PCB-1242 Peak 5	14042				Ave		14041.7610						20.0			
PCB-1242 Peak 6	6539.6				Ave		6539.62700						20.0			
PCB-1242 Peak 7	11994				Ave		11993.8120						20.0			
PCB-1242 Peak 8	14908				Ave		14907.9510						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16210

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vf475642.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	8437399					1000				
PCB-1242 Peak 2	Ave	17744474					1000				
PCB-1242 Peak 3	Ave	7539160					1000				
PCB-1242 Peak 4	Ave	31976747					1000				
PCB-1242 Peak 5	Ave	14041761					1000				
PCB-1242 Peak 6	Ave	6539627					1000				
PCB-1242 Peak 7	Ave	11993812					1000				
PCB-1242 Peak 8	Ave	14907951					1000				

Curve Type Legend:
Ave = Average

Data File: vf475642.d
Report Date: 27-Jun-2012 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475642.d
Lab Smp Id: SG1242L3_00013
Inj Date : 27-JUN-2012 11:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
24 Aroclor-1242					CAS #: 53469-21-9			
2.777	2.837	-0.060	8437399	1000.00	1000	0.00-	0.00	100.00(M)
3.407	3.484	-0.077	17744474	1000.00	1000	0.00-	0.00	210.31
3.849	3.926	-0.077	7539160	1000.00	1000	0.00-	0.00	89.35
4.251	4.328	-0.077	31976747	1000.00	1000	0.00-	0.00	378.99
4.498	4.574	-0.076	14041761	1000.00	1000	0.00-	0.00	166.42
4.871	4.947	-0.076	6539627	1000.00	1000	0.00-	0.00	77.51
5.539	5.613	-0.074	11993812	1000.00	1000	0.00-	0.00	142.15
6.053	6.127	-0.074	14907951	1000.00	1000	0.00-	0.00	176.69
Average of Peak Amounts =					1e+03			

Data File: vf475642.d
Report Date: 27-Jun-2012 14:06

QC Flag Legend

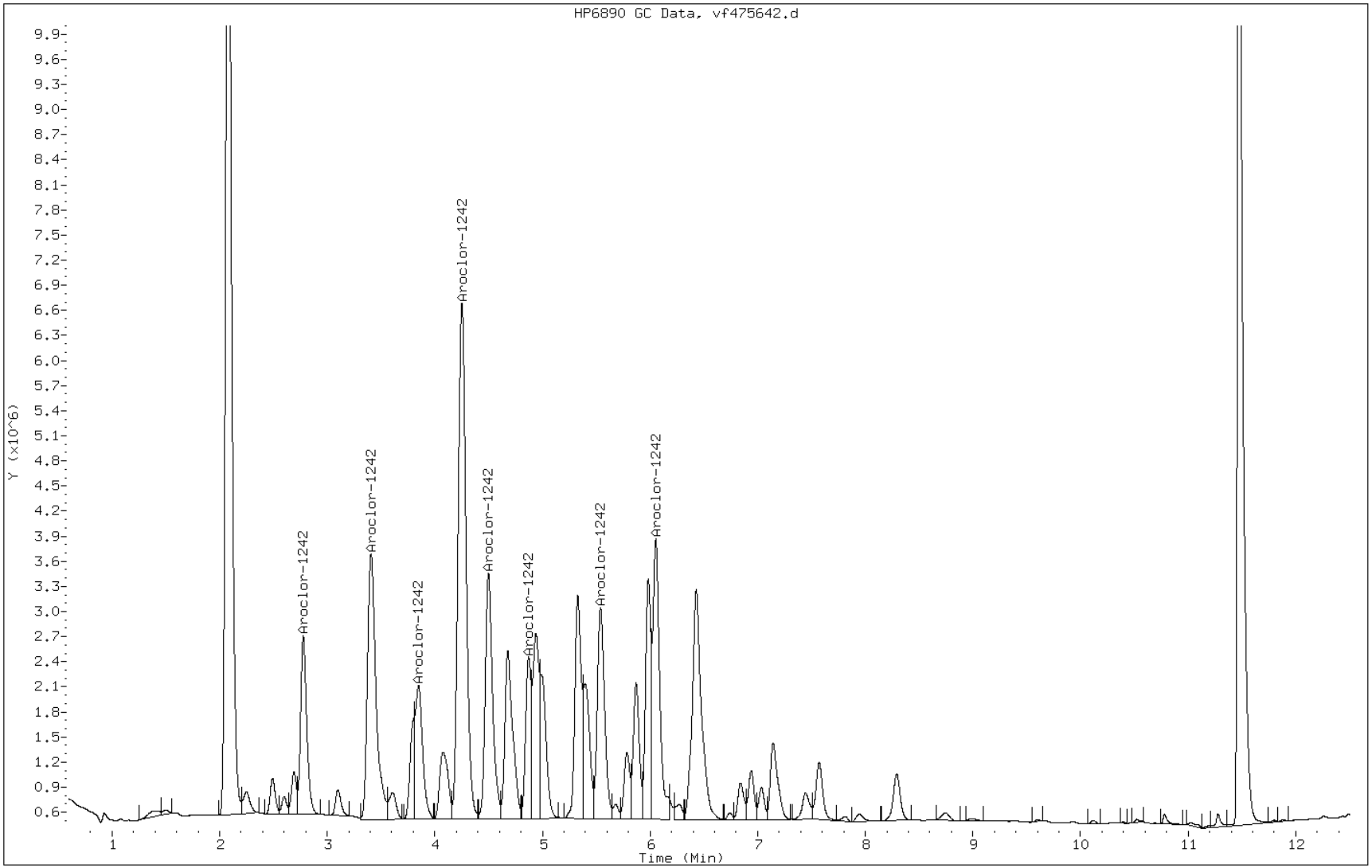
M - Compound response manually integrated.

Data File: vf475642.d

Date: 27-JUN-2012 11:13

Client ID: Instrument: PESTGC9.i

Sample Info: SG1242L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vr475642.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.055										1.985 - 2.125	2.055
PCB-1242 Peak 2	2.501										2.431 - 2.571	2.501
PCB-1242 Peak 3	2.753										2.683 - 2.823	2.753
PCB-1242 Peak 4	3.106										3.036 - 3.176	3.106
PCB-1242 Peak 5	3.305										3.235 - 3.375	3.305
PCB-1242 Peak 6	3.661										3.591 - 3.731	3.661
PCB-1242 Peak 7	4.021										3.951 - 4.091	4.021
PCB-1242 Peak 8	5.103										5.033 - 5.173	5.103

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vr475642.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	8940.8				Ave		8940.81700						20.0			
PCB-1242 Peak 2	14590				Ave		14590.3440						20.0			
PCB-1242 Peak 3	9591.7				Ave		9591.65400						20.0			
PCB-1242 Peak 4	33134				Ave		33133.7970						20.0			
PCB-1242 Peak 5	12176				Ave		12175.9000						20.0			
PCB-1242 Peak 6	12189				Ave		12189.0750						20.0			
PCB-1242 Peak 7	12920				Ave		12919.9630						20.0			
PCB-1242 Peak 8	8207.9				Ave		8207.91700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:13 Calibration End Date: 06/27/2012 11:13 Calibration ID: 16198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/11	vr475642.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	8940817					1000				
PCB-1242 Peak 2	Ave	14590344					1000				
PCB-1242 Peak 3	Ave	9591654					1000				
PCB-1242 Peak 4	Ave	33133797					1000				
PCB-1242 Peak 5	Ave	12175900					1000				
PCB-1242 Peak 6	Ave	12189075					1000				
PCB-1242 Peak 7	Ave	12919963					1000				
PCB-1242 Peak 8	Ave	8207917					1000				

Curve Type Legend:

Ave = Average

Data File: vr475642.d
Report Date: 27-Jun-2012 13:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475642.d
Lab Smp Id: SG1242L3_00013
Inj Date : 27-JUN-2012 11:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
24 Aroclor-1242					CAS #: 53469-21-9			
2.055	2.132	-0.077	8940817	1000.00	1000	0.00-	0.00	100.00(M)
2.501	2.582	-0.081	14590344	1000.00	1000	0.00-	0.00	163.19
2.753	2.836	-0.083	9591654	1000.00	1000	0.00-	0.00	107.28
3.106	3.194	-0.088	33133797	1000.00	1000	0.00-	0.00	370.59
3.305	3.407	-0.102	12175900	1000.00	1000	0.00-	0.00	136.18
3.661	3.772	-0.111	12189075	1000.00	1000	0.00-	0.00	136.33
4.021	4.130	-0.109	12919963	1000.00	1000	0.00-	0.00	144.51
5.103	5.212	-0.109	8207917	1000.00	1000	0.00-	0.00	91.80
Average of Peak Amounts =					1e+03			

Data File: vr475642.d
Report Date: 27-Jun-2012 13:52

QC Flag Legend

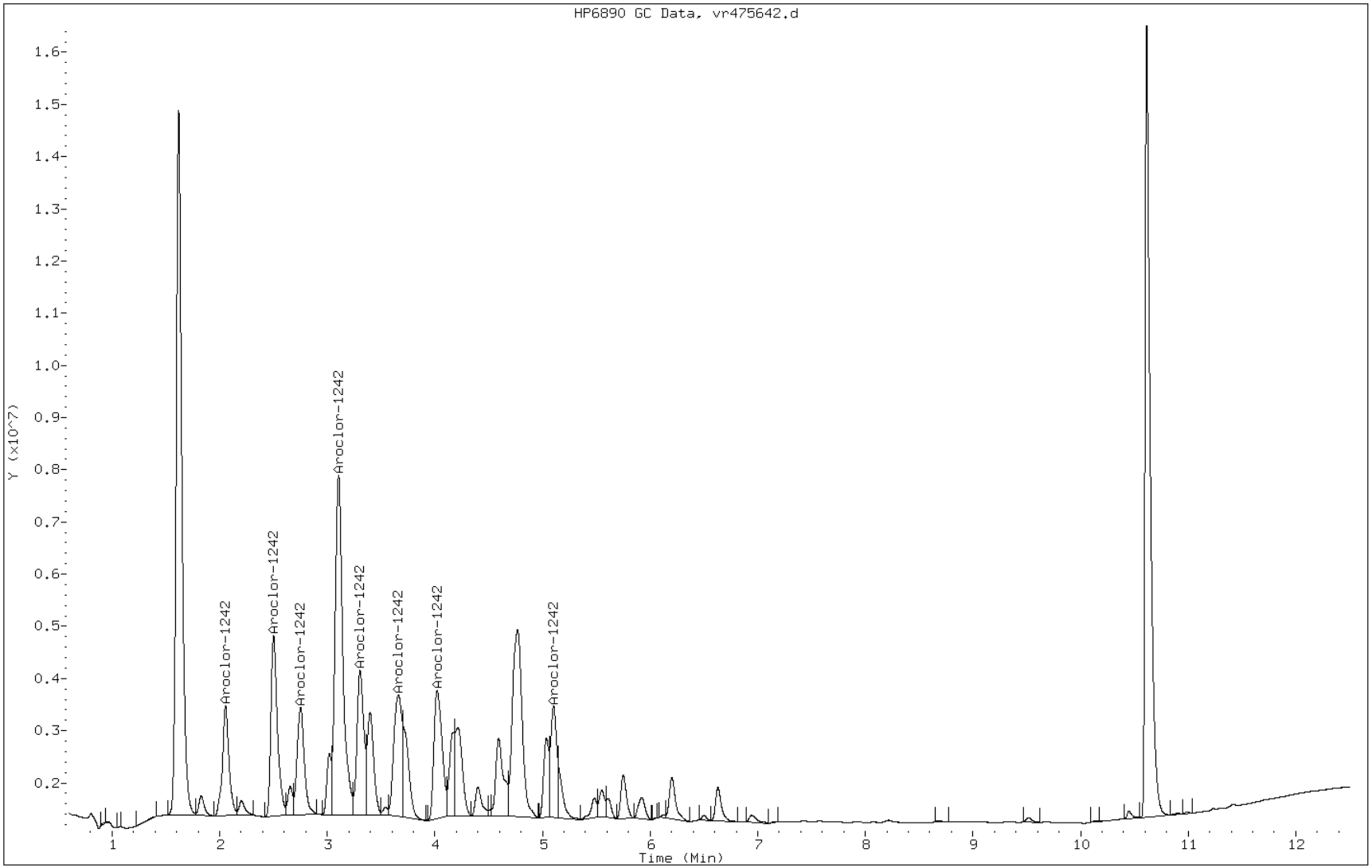
M - Compound response manually integrated.

Data File: vr475642.d

Date: 27-JUN-2012 11:13

Client ID: Instrument: PESTGC9.i

Sample Info: SG1242L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16211

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vf475643.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.403										3.333 - 3.473	3.403
PCB-1248 Peak 2	4.249										4.179 - 4.319	4.249
PCB-1248 Peak 3	4.682										4.612 - 4.752	4.682
PCB-1248 Peak 4	4.873										4.803 - 4.943	4.873
PCB-1248 Peak 5	5.330										5.260 - 5.400	5.330
PCB-1248 Peak 6	5.540										5.470 - 5.610	5.540
PCB-1248 Peak 7	5.986										5.916 - 6.056	5.986
PCB-1248 Peak 8	6.054										5.984 - 6.124	6.054

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16211

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vf475643.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	8391.8				Ave		8391.84000						20.0			
PCB-1248 Peak 2	21324				Ave		21324.0550						20.0			
PCB-1248 Peak 3	3499.2				Ave		3499.23100						20.0			
PCB-1248 Peak 4	12409				Ave		12409.0230						20.0			
PCB-1248 Peak 5	16461				Ave		16461.0060						20.0			
PCB-1248 Peak 6	18783				Ave		18783.0520						20.0			
PCB-1248 Peak 7	17358				Ave		17357.6450						20.0			
PCB-1248 Peak 8	27647				Ave		27647.3200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16211

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vf475643.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	8391840					1000				
PCB-1248 Peak 2	Ave	21324055					1000				
PCB-1248 Peak 3	Ave	3499231					1000				
PCB-1248 Peak 4	Ave	12409023					1000				
PCB-1248 Peak 5	Ave	16461006					1000				
PCB-1248 Peak 6	Ave	18783052					1000				
PCB-1248 Peak 7	Ave	17357645					1000				
PCB-1248 Peak 8	Ave	27647320					1000				

Curve Type Legend:

Ave = Average

Data File: vf475643.d
Report Date: 27-Jun-2012 14:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475643.d
Lab Smp Id: SG1248L3_00013
Inj Date : 27-JUN-2012 11:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.403	3.481	-0.078	8391840	1000.00	1000	0.00-	0.00	100.00(M)
4.249	4.326	-0.077	21324055	1000.00	1000	0.00-	0.00	254.10
4.682	4.756	-0.074	3499231	1000.00	1000	0.00-	0.00	41.70
4.873	4.947	-0.074	12409023	1000.00	1000	0.00-	0.00	147.87
5.330	5.404	-0.074	16461006	1000.00	1000	0.00-	0.00	196.15
5.540	5.614	-0.074	18783052	1000.00	1000	0.00-	0.00	223.83
5.986	6.059	-0.073	17357645	1000.00	1000	0.00-	0.00	206.84
6.054	6.127	-0.073	27647320	1000.00	1000	0.00-	0.00	329.45
Average of Peak Amounts =					1e+03			

Data File: vf475643.d
Report Date: 27-Jun-2012 14:08

QC Flag Legend

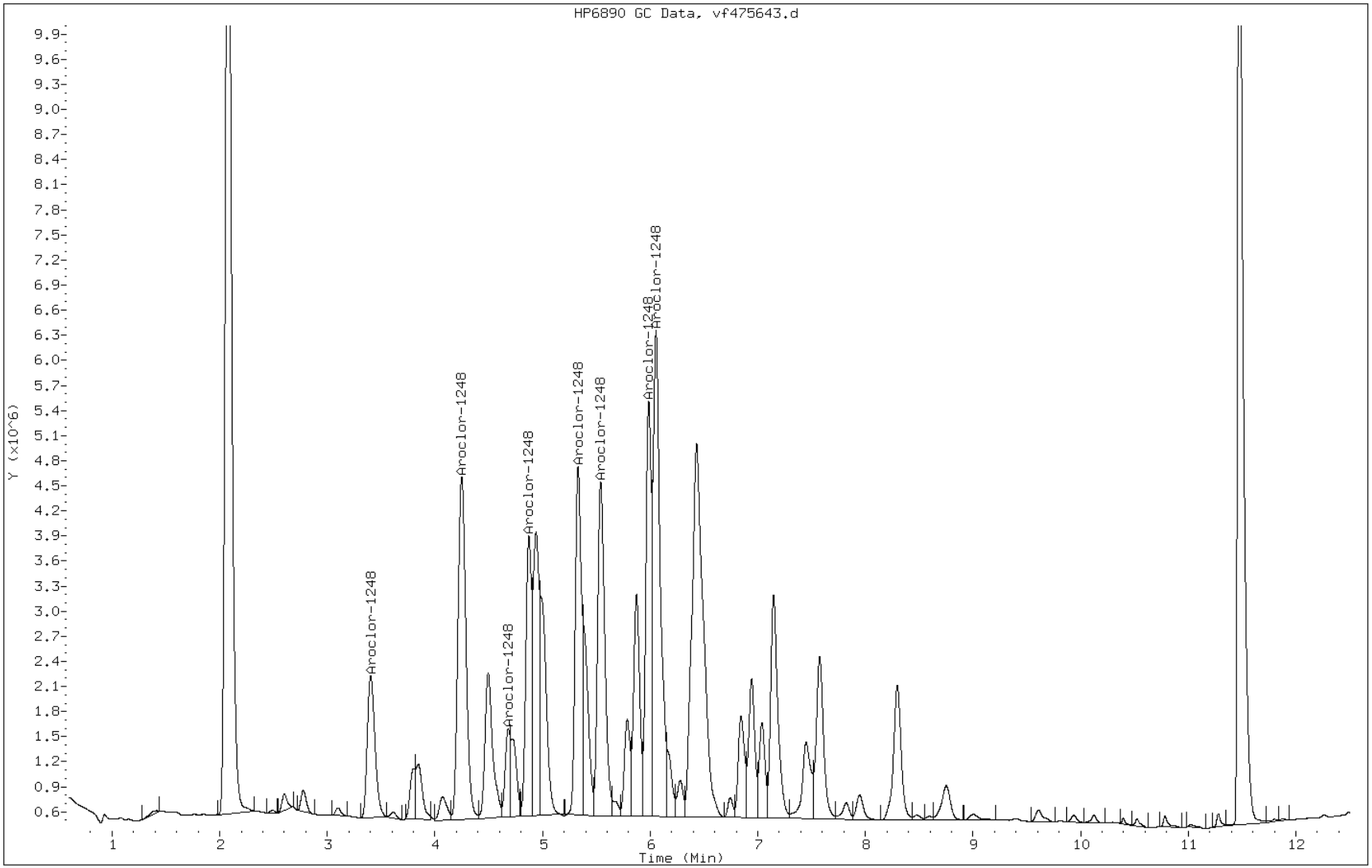
M - Compound response manually integrated.

Data File: vf475643.d

Date: 27-JUN-2012 11:29

Client ID: Instrument: PESTGC9.i

Sample Info: SG1248L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16200

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vr475643.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.498										2.428 - 2.568	2.498
PCB-1248 Peak 2	3.101										3.031 - 3.171	3.101
PCB-1248 Peak 3	3.393										3.323 - 3.463	3.393
PCB-1248 Peak 4	3.656										3.586 - 3.726	3.656
PCB-1248 Peak 5	4.018										3.948 - 4.088	4.018
PCB-1248 Peak 6	4.163										4.093 - 4.233	4.163
PCB-1248 Peak 7	4.593										4.523 - 4.663	4.593
PCB-1248 Peak 8	5.103										5.033 - 5.173	5.103

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16200

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vr475643.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	7519.6				Ave		7519.56100						20.0			
PCB-1248 Peak 2	20530				Ave		20530.4610						20.0			
PCB-1248 Peak 3	4591.2				Ave		4591.16400						20.0			
PCB-1248 Peak 4	21230				Ave		21229.8050						20.0			
PCB-1248 Peak 5	21147				Ave		21147.2220						20.0			
PCB-1248 Peak 6	11339				Ave		11339.1540						20.0			
PCB-1248 Peak 7	11265				Ave		11265.3820						20.0			
PCB-1248 Peak 8	16857				Ave		16856.7050						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:29 Calibration End Date: 06/27/2012 11:29 Calibration ID: 16200

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/12	vr475643.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	7519561					1000				
PCB-1248 Peak 2	Ave	20530461					1000				
PCB-1248 Peak 3	Ave	4591164					1000				
PCB-1248 Peak 4	Ave	21229805					1000				
PCB-1248 Peak 5	Ave	21147222					1000				
PCB-1248 Peak 6	Ave	11339154					1000				
PCB-1248 Peak 7	Ave	11265382					1000				
PCB-1248 Peak 8	Ave	16856705					1000				

Curve Type Legend:
Ave = Average

Data File: vr475643.d
Report Date: 27-Jun-2012 13:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475643.d
Lab Smp Id: SG1248L3_00013
Inj Date : 27-JUN-2012 11:29
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
2.498	2.582	-0.084	7519561	1000.00	1000	0.00-	0.00	100.00(M)
3.101	3.192	-0.091	20530461	1000.00	1000	0.00-	0.00	273.03
3.393	3.507	-0.114	4591164	1000.00	1000	0.00-	0.00	61.06
3.656	3.771	-0.115	21229805	1000.00	1000	0.00-	0.00	282.33
4.018	4.131	-0.113	21147222	1000.00	1000	0.00-	0.00	281.23
4.163	4.275	-0.112	11339154	1000.00	1000	0.00-	0.00	150.80
4.593	4.702	-0.109	11265382	1000.00	1000	0.00-	0.00	149.81
5.103	5.213	-0.110	16856705	1000.00	1000	0.00-	0.00	224.17
Average of Peak Amounts =					1e+03			

Data File: vr475643.d
Report Date: 27-Jun-2012 13:53

QC Flag Legend

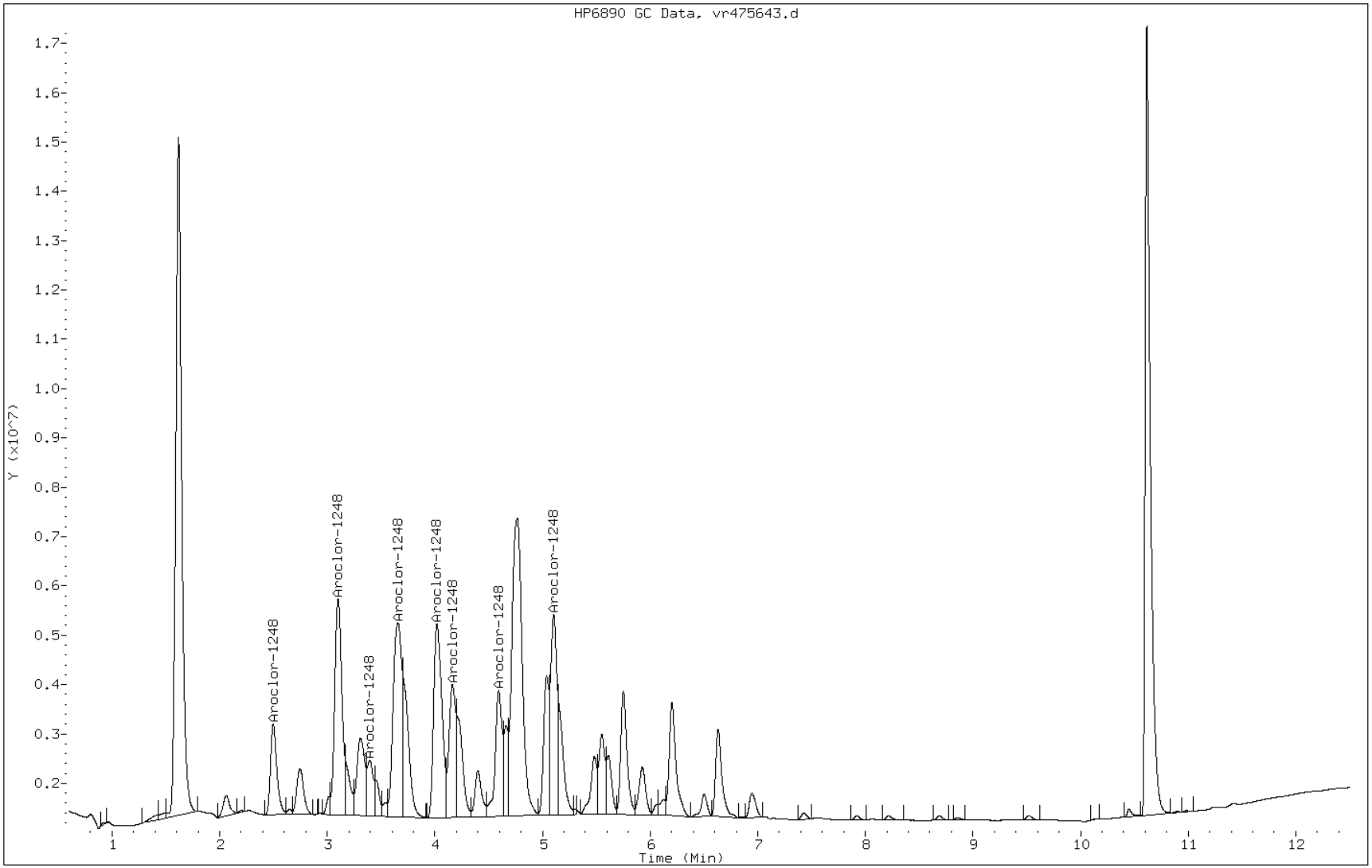
M - Compound response manually integrated.

Data File: vr475643.d

Date: 27-JUN-2012 11:29

Client ID: Instrument: PESTGC9.i

Sample Info: SG1248L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16212

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vf475644.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.870										4.800 - 4.940	4.870
PCB-1254 Peak 2	6.046										5.976 - 6.116	6.046
PCB-1254 Peak 3	6.378										6.308 - 6.448	6.378
PCB-1254 Peak 4	6.940										6.870 - 7.010	6.940
PCB-1254 Peak 5	7.144										7.074 - 7.214	7.144
PCB-1254 Peak 6	8.289										8.219 - 8.359	8.289
PCB-1254 Peak 7	8.749										8.679 - 8.819	8.749
PCB-1254 Peak 8	9.606										9.536 - 9.676	9.606

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16212

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vf475644.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	11701				Ave		11701.3840						20.0			
PCB-1254 Peak 2	24743				Ave		24742.5390						20.0			
PCB-1254 Peak 3	24642				Ave		24641.5810						20.0			
PCB-1254 Peak 4	17601				Ave		17601.4370						20.0			
PCB-1254 Peak 5	36815				Ave		36815.0770						20.0			
PCB-1254 Peak 6	21186				Ave		21185.5100						20.0			
PCB-1254 Peak 7	35825				Ave		35825.3340						20.0			
PCB-1254 Peak 8	7047.5				Ave		7047.53100						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16212

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vf475644.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	11701384					1000				
PCB-1254 Peak 2	Ave	24742539					1000				
PCB-1254 Peak 3	Ave	24641581					1000				
PCB-1254 Peak 4	Ave	17601437					1000				
PCB-1254 Peak 5	Ave	36815077					1000				
PCB-1254 Peak 6	Ave	21185510					1000				
PCB-1254 Peak 7	Ave	35825334					1000				
PCB-1254 Peak 8	Ave	7047531					1000				

Curve Type Legend:
Ave = Average

Data File: vf475644.d
Report Date: 27-Jun-2012 14:09

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475644.d
Lab Smp Id: SG1254L3_00013
Inj Date : 27-JUN-2012 11:45
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
26 Aroclor-1254					CAS #: 11097-69-1			
4.870	4.949	-0.079	11701384	1000.00	1000	0.00-	0.00	100.00(M)
6.046	6.123	-0.077	24742539	1000.00	1000	0.00-	0.00	211.45
6.378	6.454	-0.076	24641581	1000.00	1000	0.00-	0.00	210.59
6.940	7.020	-0.080	17601437	1000.00	1000	0.00-	0.00	150.42
7.144	7.226	-0.082	36815077	1000.00	1000	0.00-	0.00	314.62
8.289	8.394	-0.105	21185510	1000.00	1000	0.00-	0.00	181.05
8.748	8.864	-0.116	35825334	1000.00	1000	0.00-	0.00	306.16
9.606	9.696	-0.090	7047531	1000.00	1000	0.00-	0.00	60.23
Average of Peak Amounts =					1e+03			

Data File: vf475644.d
Report Date: 27-Jun-2012 14:09

QC Flag Legend

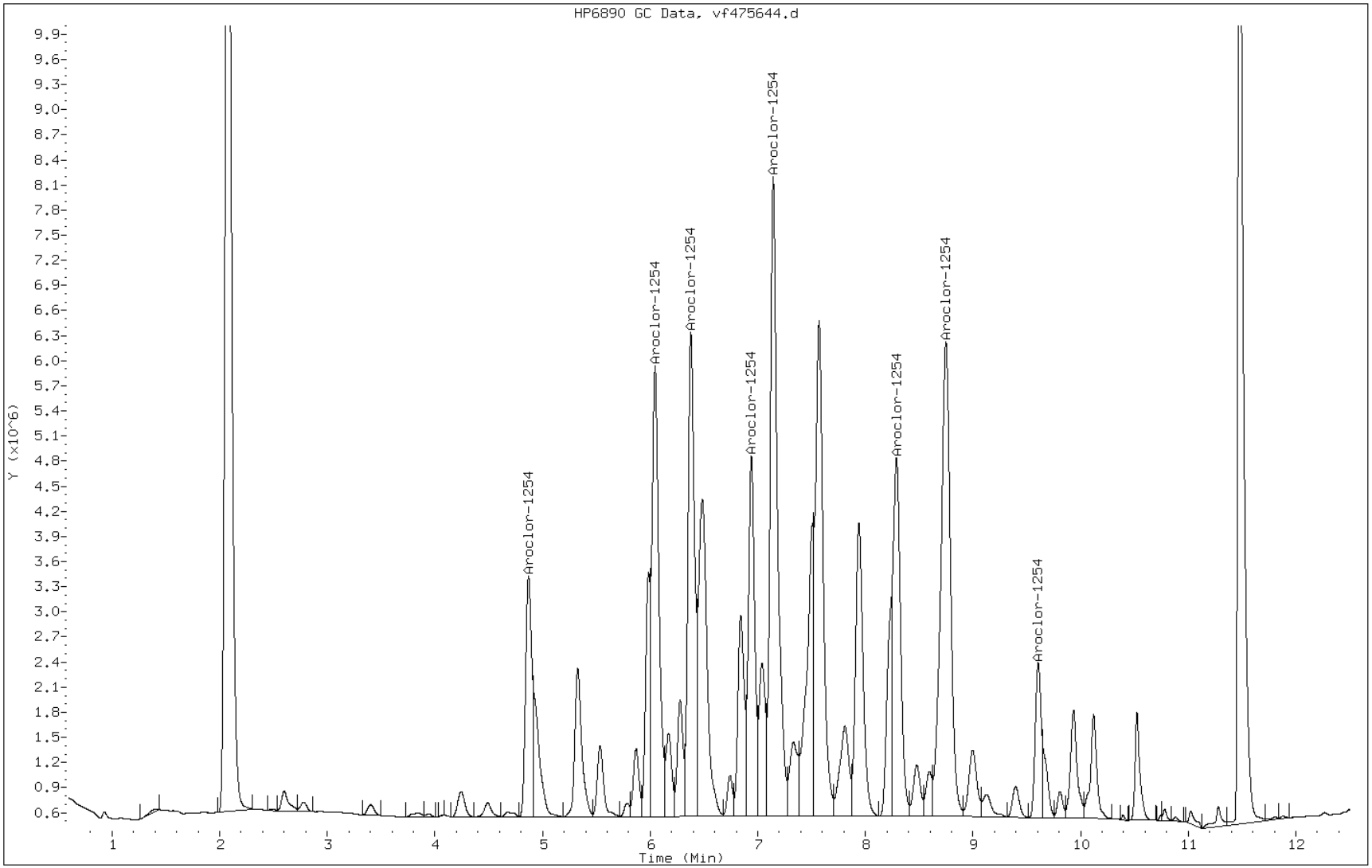
M - Compound response manually integrated.

Data File: vf475644.d

Date: 27-JUN-2012 11:45

Client ID: Instrument: PESTGC9.i

Sample Info: SG1254L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vr475644.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.667										4.597 - 4.737	4.667
PCB-1254 Peak 2	4.739										4.669 - 4.809	4.739
PCB-1254 Peak 3	5.109										5.039 - 5.179	5.109
PCB-1254 Peak 4	5.549										5.479 - 5.619	5.549
PCB-1254 Peak 5	5.750										5.680 - 5.820	5.750
PCB-1254 Peak 6	6.202										6.132 - 6.272	6.202
PCB-1254 Peak 7	6.502										6.432 - 6.572	6.502
PCB-1254 Peak 8	6.945										6.875 - 7.015	6.945

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vr475644.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	15675				Ave		15675.2670						20.0			
PCB-1254 Peak 2	18647				Ave		18647.0240						20.0			
PCB-1254 Peak 3	24175				Ave		24174.8210						20.0			
PCB-1254 Peak 4	17708				Ave		17708.0630						20.0			
PCB-1254 Peak 5	32413				Ave		32412.7520						20.0			
PCB-1254 Peak 6	30700				Ave		30700.3780						20.0			
PCB-1254 Peak 7	25022				Ave		25021.8660						20.0			
PCB-1254 Peak 8	33643				Ave		33643.2900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 11:45 Calibration End Date: 06/27/2012 11:45 Calibration ID: 16202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/13	vr475644.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	15675267					1000				
PCB-1254 Peak 2	Ave	18647024					1000				
PCB-1254 Peak 3	Ave	24174821					1000				
PCB-1254 Peak 4	Ave	17708063					1000				
PCB-1254 Peak 5	Ave	32412752					1000				
PCB-1254 Peak 6	Ave	30700378					1000				
PCB-1254 Peak 7	Ave	25021866					1000				
PCB-1254 Peak 8	Ave	33643290					1000				

Curve Type Legend:

Ave = Average

Data File: vr475644.d
Report Date: 27-Jun-2012 13:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475644.d
Lab Smp Id: SG1254L3_00013
Inj Date : 27-JUN-2012 11:45
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
26 Aroclor-1254					CAS #: 11097-69-1			
4.667	4.779	-0.112	15675267	1000.00	1000	0.00-	0.00	100.00(M)
4.739	4.850	-0.111	18647024	1000.00	1000	0.00-	0.00	118.96
5.109	5.220	-0.111	24174821	1000.00	1000	0.00-	0.00	154.22
5.549	5.660	-0.111	17708063	1000.00	1000	0.00-	0.00	112.97
5.750	5.861	-0.111	32412752	1000.00	1000	0.00-	0.00	206.78
6.202	6.311	-0.109	30700378	1000.00	1000	0.00-	0.00	195.85
6.502	6.611	-0.109	25021866	1000.00	1000	0.00-	0.00	159.63
6.945	7.061	-0.116	33643290	1000.00	1000	0.00-	0.00	214.63
Average of Peak Amounts =					1e+03			

Data File: vr475644.d
Report Date: 27-Jun-2012 13:55

QC Flag Legend

M - Compound response manually integrated.

Data File: vr475644.d

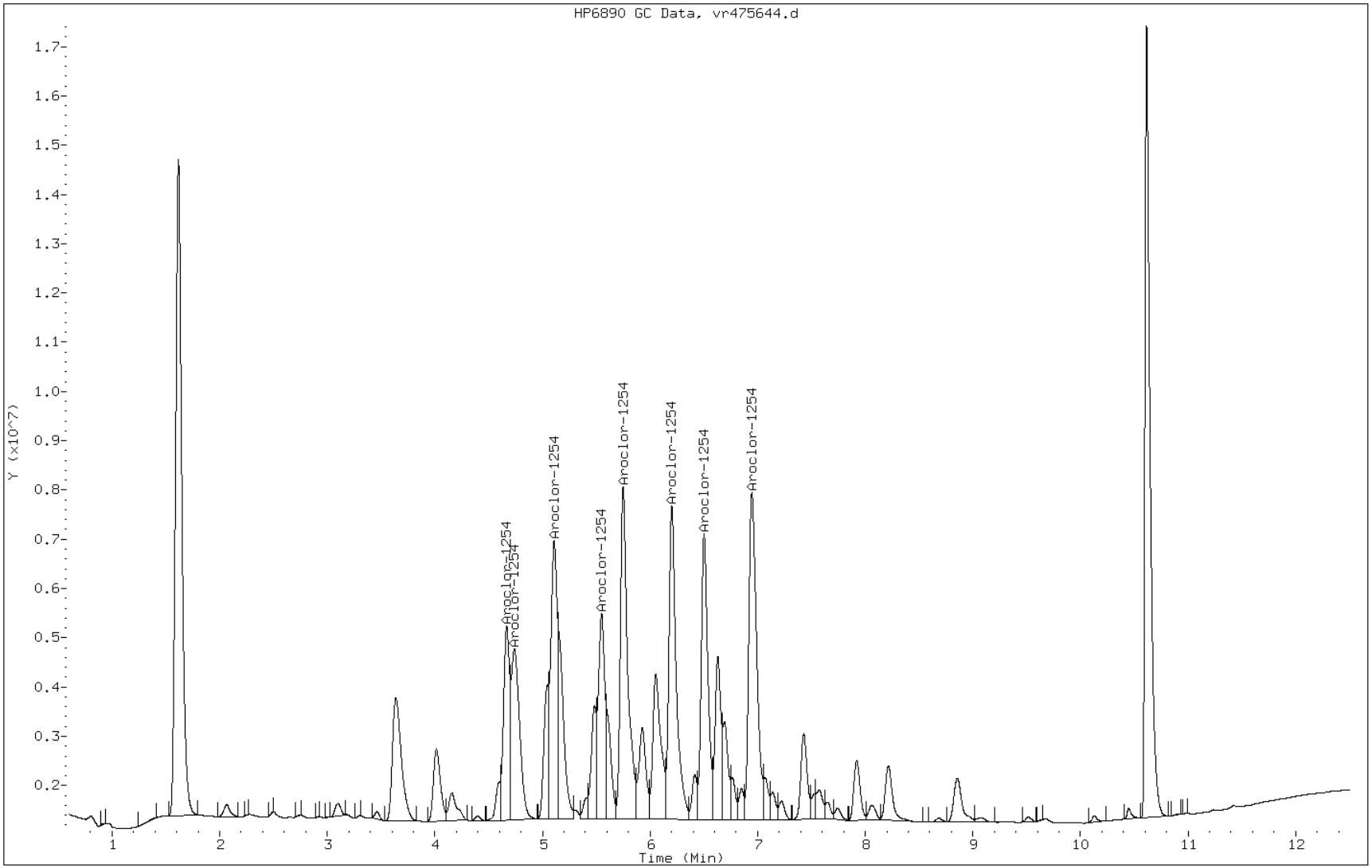
Date: 27-JUN-2012 11:45

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1254L3_00013

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vf475645.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.511										7.441 - 7.581	7.511
PCB-1262 Peak 2	7.945										7.875 - 8.015	7.945
PCB-1262 Peak 3	8.996										8.926 - 9.066	8.996
PCB-1262 Peak 4	9.683										9.613 - 9.753	9.683
PCB-1262 Peak 5	10.524										10.454 - 10.594	10.524
PCB-1262 Peak 6	10.561										10.491 - 10.631	10.561
PCB-1262 Peak 7	11.025										10.955 - 11.095	11.025
PCB-1262 Peak 8	11.280										11.210 - 11.350	11.281

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vf475645.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	22483				Ave		22483.4520						20.0			
PCB-1262 Peak 2	27107				Ave		27107.0550						20.0			
PCB-1262 Peak 3	36060				Ave		36060.1070						20.0			
PCB-1262 Peak 4	27071				Ave		27071.0300						20.0			
PCB-1262 Peak 5	27437				Ave		27436.7090						20.0			
PCB-1262 Peak 6	28963				Ave		28962.8030						20.0			
PCB-1262 Peak 7	18325				Ave		18324.8900						20.0			
PCB-1262 Peak 8	5413.5				Ave		5413.53800						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vf475645.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	22483452					1000				
PCB-1262 Peak 2	Ave	27107055					1000				
PCB-1262 Peak 3	Ave	36060107					1000				
PCB-1262 Peak 4	Ave	27071030					1000				
PCB-1262 Peak 5	Ave	27436709					1000				
PCB-1262 Peak 6	Ave	28962803					1000				
PCB-1262 Peak 7	Ave	18324890					1000				
PCB-1262 Peak 8	Ave	5413538					1000				

Curve Type Legend:

Ave = Average

Data File: vf475645.d
Report Date: 27-Jun-2012 14:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475645.d
Lab Smp Id: SG1262L3_00012
Inj Date : 27-JUN-2012 12:01
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12620.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
53 Aroclor-1262					CAS #: 37324-23-5			
7.511	7.598	-0.087	22483452	1000.00	1000	0.00-	0.00	100.00(M)
7.945	8.040	-0.095	27107055	1000.00	1000	0.00-	0.00	120.56
8.996	9.114	-0.118	36060107	1000.00	1000	0.00-	0.00	160.39
9.683	9.767	-0.084	27071030	1000.00	1000	0.00-	0.00	120.40
10.524	10.566	-0.042	27436709	1000.00	1000	0.00-	0.00	122.03
10.561	10.602	-0.041	28962803	1000.00	1000	0.00-	0.00	128.82
11.025	11.062	-0.037	18324890	1000.00	1000	0.00-	0.00	81.50
11.280	11.316	-0.036	5413538	1000.00	1000	0.00-	0.00	24.08
Average of Peak Amounts =					1e+03			

Data File: vf475645.d
Report Date: 27-Jun-2012 14:10

QC Flag Legend

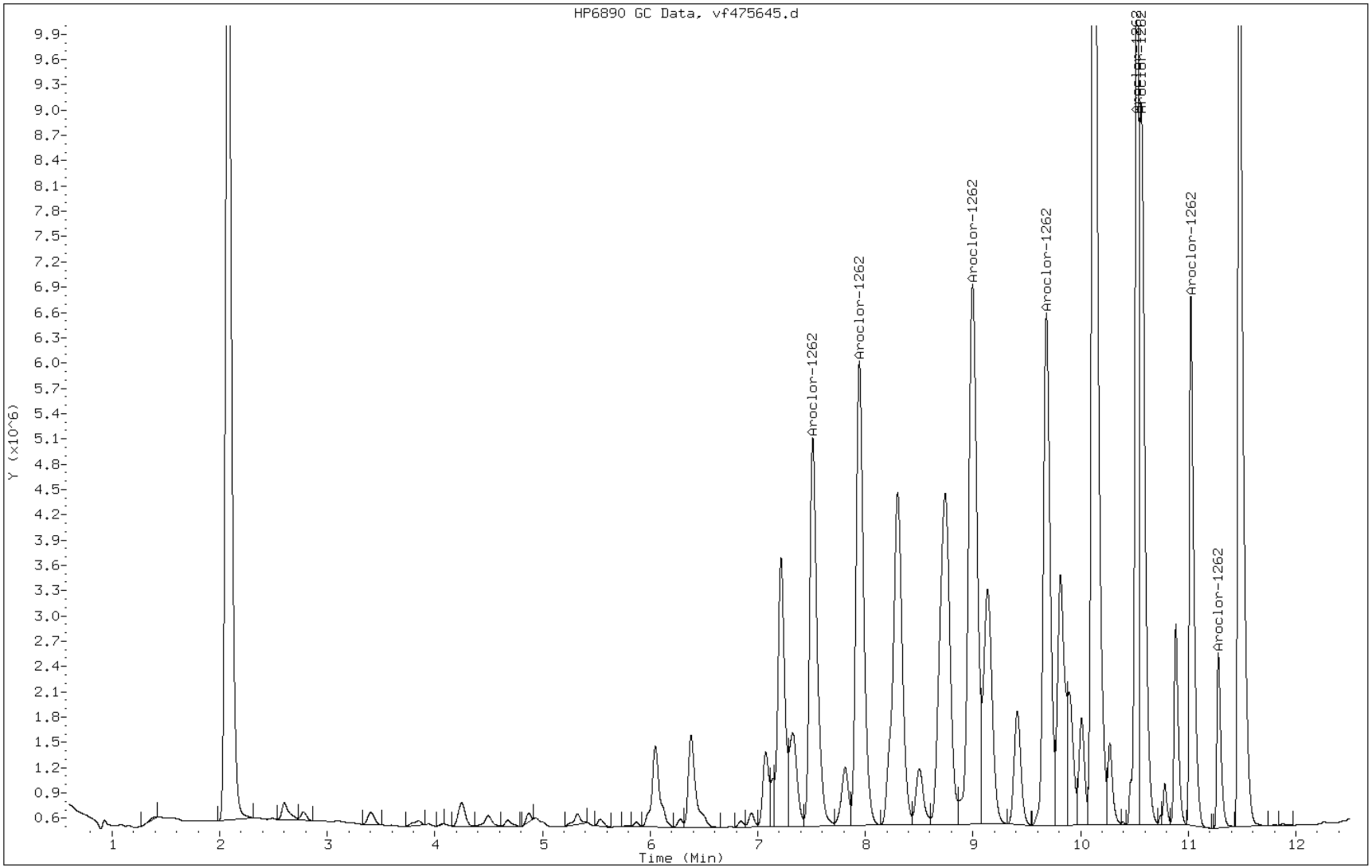
M - Compound response manually integrated.

Data File: vf475645.d

Date: 27-JUN-2012 12:01

Client ID: Instrument: PESTGC9.i

Sample Info: SG1262L3_00012 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16204

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vr475645.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.830										5.760 - 5.900	5.830
PCB-1262 Peak 2	6.054										5.984 - 6.124	6.054
PCB-1262 Peak 3	6.945										6.875 - 7.015	6.945
PCB-1262 Peak 4	7.147										7.077 - 7.217	7.147
PCB-1262 Peak 5	7.582										7.512 - 7.652	7.582
PCB-1262 Peak 6	8.860										8.790 - 8.930	8.860
PCB-1262 Peak 7	9.076										9.006 - 9.146	9.076
PCB-1262 Peak 8	10.133										10.063 - 10.203	10.133

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16204

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vr475645.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	14614				Ave		14614.3090						20.0			
PCB-1262 Peak 2	20789				Ave		20789.4470						20.0			
PCB-1262 Peak 3	15362				Ave		15361.5690						20.0			
PCB-1262 Peak 4	39479				Ave		39478.7840						20.0			
PCB-1262 Peak 5	26862				Ave		26861.7330						20.0			
PCB-1262 Peak 6	22378				Ave		22377.5930						20.0			
PCB-1262 Peak 7	32349				Ave		32349.1690						20.0			
PCB-1262 Peak 8	25864				Ave		25863.5840						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:01 Calibration End Date: 06/27/2012 12:01 Calibration ID: 16204

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/14	vr475645.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	14614309					1000				
PCB-1262 Peak 2	Ave	20789447					1000				
PCB-1262 Peak 3	Ave	15361569					1000				
PCB-1262 Peak 4	Ave	39478784					1000				
PCB-1262 Peak 5	Ave	26861733					1000				
PCB-1262 Peak 6	Ave	22377593					1000				
PCB-1262 Peak 7	Ave	32349169					1000				
PCB-1262 Peak 8	Ave	25863584					1000				

Curve Type Legend:

Ave = Average

Data File: vr475645.d
Report Date: 27-Jun-2012 13:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475645.d
Lab Smp Id: SG1262L3_00012
Inj Date : 27-JUN-2012 12:01
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12620.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
53 Aroclor-1262					CAS #: 37324-23-5			
5.830	5.938	-0.108	14614309	1000.00	1000	0.00-	0.00	100.00(M)
6.054	6.162	-0.108	20789447	1000.00	1000	0.00-	0.00	142.25
6.945	7.060	-0.115	15361569	1000.00	1000	0.00-	0.00	105.11
7.147	7.267	-0.120	39478784	1000.00	1000	0.00-	0.00	270.14
7.582	7.715	-0.133	26861733	1000.00	1000	0.00-	0.00	183.80
8.860	9.033	-0.173	22377593	1000.00	1000	0.00-	0.00	153.12
9.076	9.259	-0.183	32349169	1000.00	1000	0.00-	0.00	221.35
10.133	10.226	-0.093	25863584	1000.00	1000	0.00-	0.00	176.97
Average of Peak Amounts =					1e+03			

Data File: vr475645.d
Report Date: 27-Jun-2012 13:58

QC Flag Legend

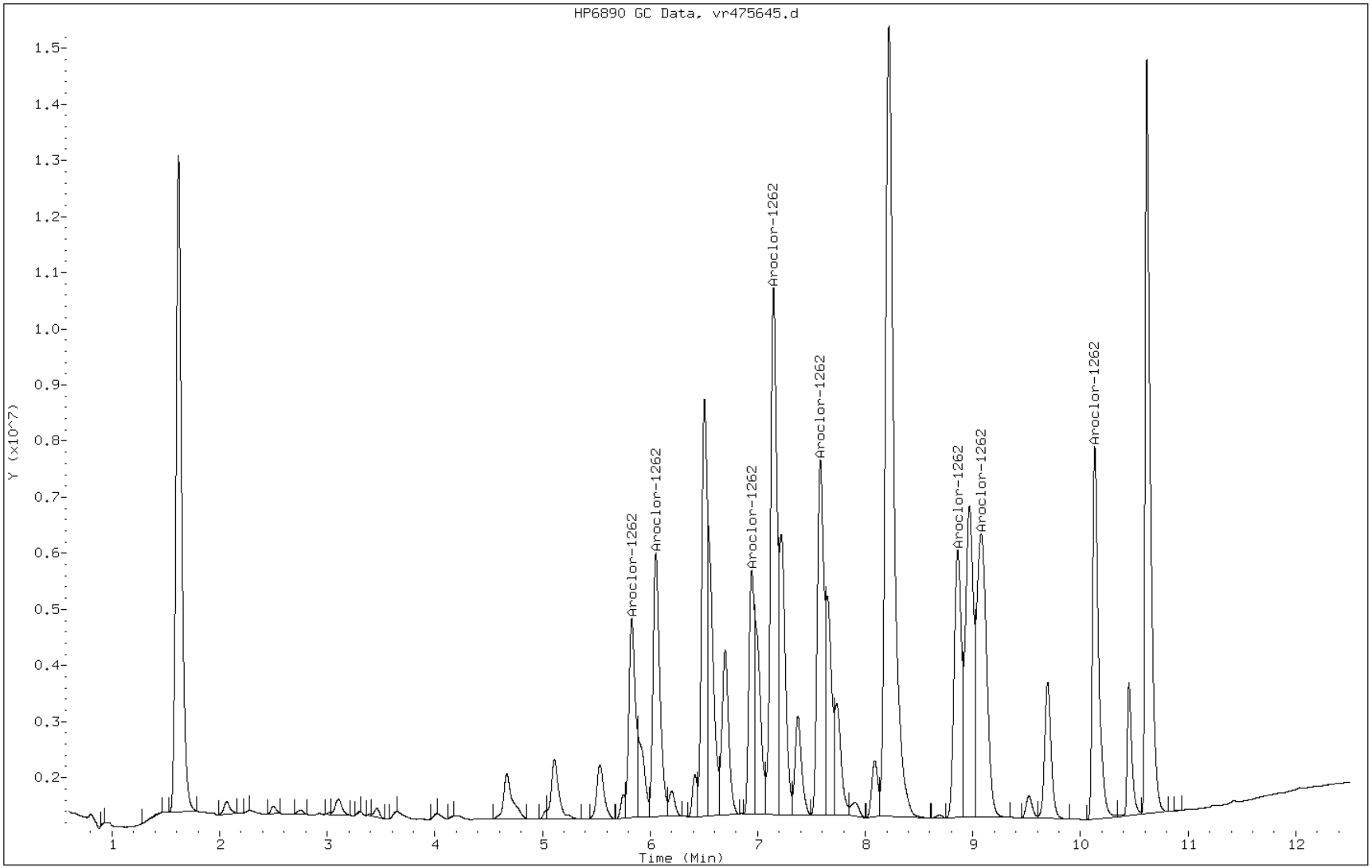
M - Compound response manually integrated.

Data File: vr475645.d

Date: 27-JUN-2012 12:01

Client ID: Instrument: PESTGC9.i

Sample Info: SG1262L3_00012 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16214

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vf475646.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.994										8.924 - 9.064	8.994
PCB-1268 Peak 2	9.688										9.618 - 9.758	9.688
PCB-1268 Peak 3	10.522										10.452 - 10.592	10.522
PCB-1268 Peak 4	10.560										10.490 - 10.630	10.560
PCB-1268 Peak 5	10.783										10.713 - 10.853	10.783
PCB-1268 Peak 6	10.866										10.796 - 10.936	10.866
PCB-1268 Peak 7	11.024										10.954 - 11.094	11.024
PCB-1268 Peak 8	11.282										11.212 - 11.352	11.282

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16214

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vf475646.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	15730				Ave		15729.6028						20.0			
PCB-1268 Peak 2	18861				Ave		18861.0917						20.0			
PCB-1268 Peak 3	38165				Ave		38164.7262						20.0			
PCB-1268 Peak 4	74562				Ave		74562.4295						20.0			
PCB-1268 Peak 5	42988				Ave		42987.9685						20.0			
PCB-1268 Peak 6	15697				Ave		15696.9123						20.0			
PCB-1268 Peak 7	19620				Ave		19620.0557						20.0			
PCB-1268 Peak 8	125267				Ave		125267.027						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16214

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vf475646.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	15729602					1000				
PCB-1268 Peak 2	Ave	18861091					1000				
PCB-1268 Peak 3	Ave	38164726					1000				
PCB-1268 Peak 4	Ave	74562429					1000				
PCB-1268 Peak 5	Ave	42987968					1000				
PCB-1268 Peak 6	Ave	15696912					1000				
PCB-1268 Peak 7	Ave	19620055					1000				
PCB-1268 Peak 8	Ave	125267026					1000				

Curve Type Legend:

Ave = Average

Data File: vf475646.d
Report Date: 27-Jun-2012 14:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/vf475646.d
Lab Smp Id: SG1268L3_00013
Inj Date : 27-JUN-2012 12:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-27-12ical/27jun12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 11:29 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:53 Cal File: vf475637.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12680.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
54 Aroclor-1268					CAS #: 11100-14-4			
8.994	9.114	-0.120	15729602	1000.00	1000	0.00-	0.00	100.00(M)
9.688	9.774	-0.086	18861091	1000.00	1000	0.00-	0.00	119.91
10.522	10.564	-0.042	38164726	1000.00	1000	0.00-	0.00	242.63
10.560	10.602	-0.042	74562429	1000.00	1000	0.00-	0.00	474.03
10.783	10.824	-0.041	42987968	1000.00	1000	0.00-	0.00	273.29
10.866	10.905	-0.039	15696912	1000.00	1000	0.00-	0.00	99.79
11.024	11.063	-0.039	19620055	1000.00	1000	0.00-	0.00	124.73
11.282	11.319	-0.037	125267026	1000.00	1000	0.00-	0.00	796.38
Average of Peak Amounts =					1e+03			

Data File: vf475646.d
Report Date: 27-Jun-2012 14:11

QC Flag Legend

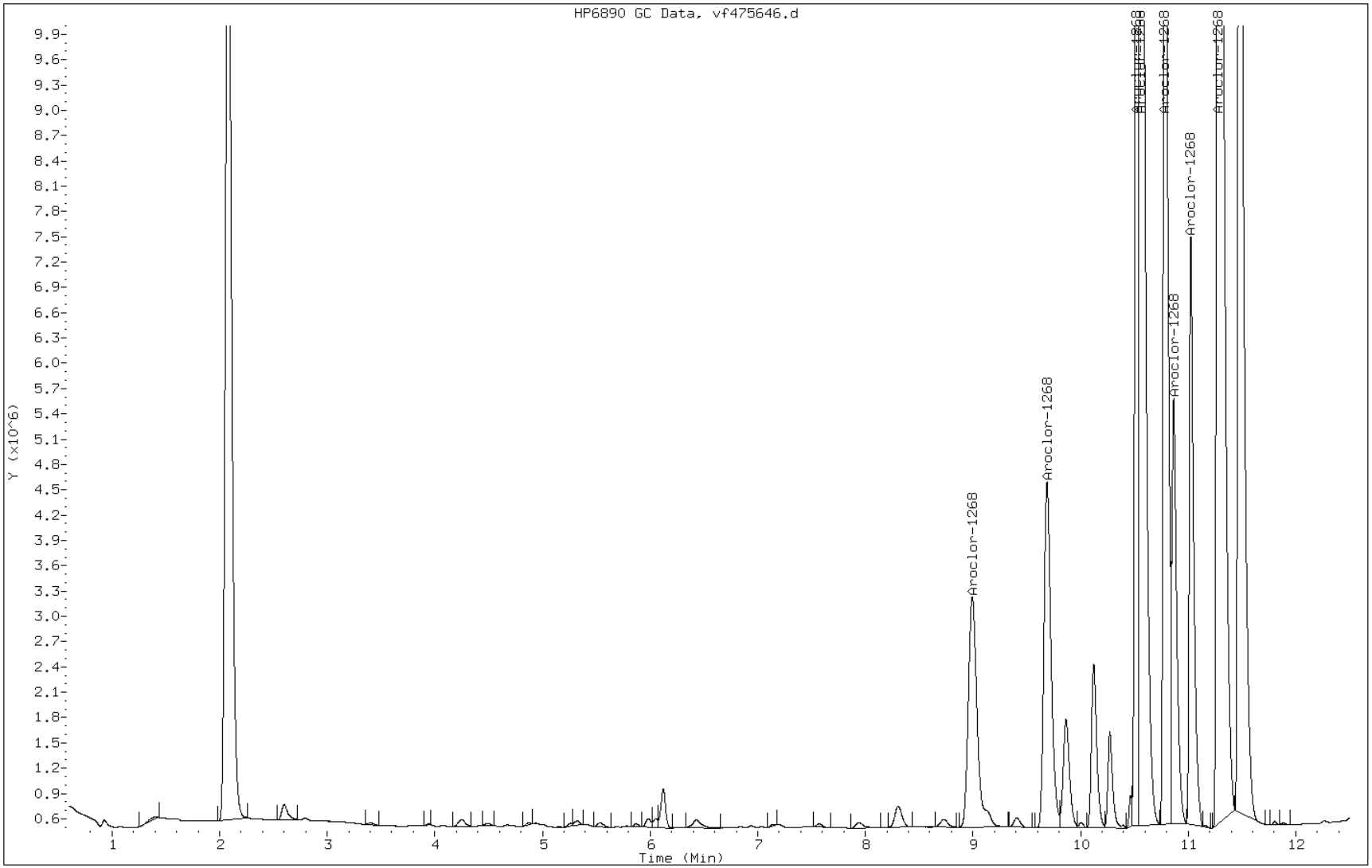
M - Compound response manually integrated.

Data File: vf475646.d

Date: 27-JUN-2012 12:17

Client ID: Instrument: PESTGC9.i

Sample Info: SG1268L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vr475646.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.146										7.076 - 7.216	7.146
PCB-1268 Peak 2	7.574										7.504 - 7.644	7.574
PCB-1268 Peak 3	8.967										8.897 - 9.037	8.967
PCB-1268 Peak 4	9.060										8.990 - 9.130	9.060
PCB-1268 Peak 5	9.521										9.451 - 9.591	9.521
PCB-1268 Peak 6	9.683										9.613 - 9.753	9.683
PCB-1268 Peak 7	10.131										10.061 - 10.201	10.131
PCB-1268 Peak 8	10.448										10.378 - 10.518	10.448

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vr475646.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	18122				Ave		18121.9665						20.0			
PCB-1268 Peak 2	23302				Ave		23301.8025						20.0			
PCB-1268 Peak 3	79130				Ave		79129.6768						20.0			
PCB-1268 Peak 4	84713				Ave		84712.7103						20.0			
PCB-1268 Peak 5	65684				Ave		65683.8117						20.0			
PCB-1268 Peak 6	19727				Ave		19726.6175						20.0			
PCB-1268 Peak 7	27803				Ave		27803.2777						20.0			
PCB-1268 Peak 8	147063				Ave		147062.650						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41730-1 Analy Batch No.: 117682

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2012 12:17 Calibration End Date: 06/27/2012 12:17 Calibration ID: 16206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117682/15	vr475646.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	18121966					1000				
PCB-1268 Peak 2	Ave	23301802					1000				
PCB-1268 Peak 3	Ave	79129676					1000				
PCB-1268 Peak 4	Ave	84712710					1000				
PCB-1268 Peak 5	Ave	65683811					1000				
PCB-1268 Peak 6	Ave	19726617					1000				
PCB-1268 Peak 7	Ave	27803277					1000				
PCB-1268 Peak 8	Ave	147062650					1000				

Curve Type Legend:

Ave = Average

Data File: vr475646.d
Report Date: 27-Jun-2012 13:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/vr475646.d
Lab Smp Id: SG1268L3_00013
Inj Date : 27-JUN-2012 12:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 11:16 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 09:21 Cal File: vr475635.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12680.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
54 Aroclor-1268					CAS #: 11100-14-4			
7.146	7.266	-0.120	18121966	1000.00	1000	0.00-	0.00	100.00(M)
7.574	7.709	-0.135	23301802	1000.00	1000	0.00-	0.00	128.58
8.967	9.148	-0.181	79129676	1000.00	1000	0.00-	0.00	436.65
9.060	9.246	-0.186	84712710	1000.00	1000	0.00-	0.00	467.46
9.521	9.659	-0.138	65683811	1000.00	1000	0.00-	0.00	362.45
9.683	9.810	-0.127	19726617	1000.00	1000	0.00-	0.00	108.85
10.131	10.225	-0.094	27803277	1000.00	1000	0.00-	0.00	153.42
10.448	10.517	-0.069	147062650	1000.00	1000	0.00-	0.00	811.52
Average of Peak Amounts =					1e+03			

Data File: vr475646.d
Report Date: 27-Jun-2012 13:58

QC Flag Legend

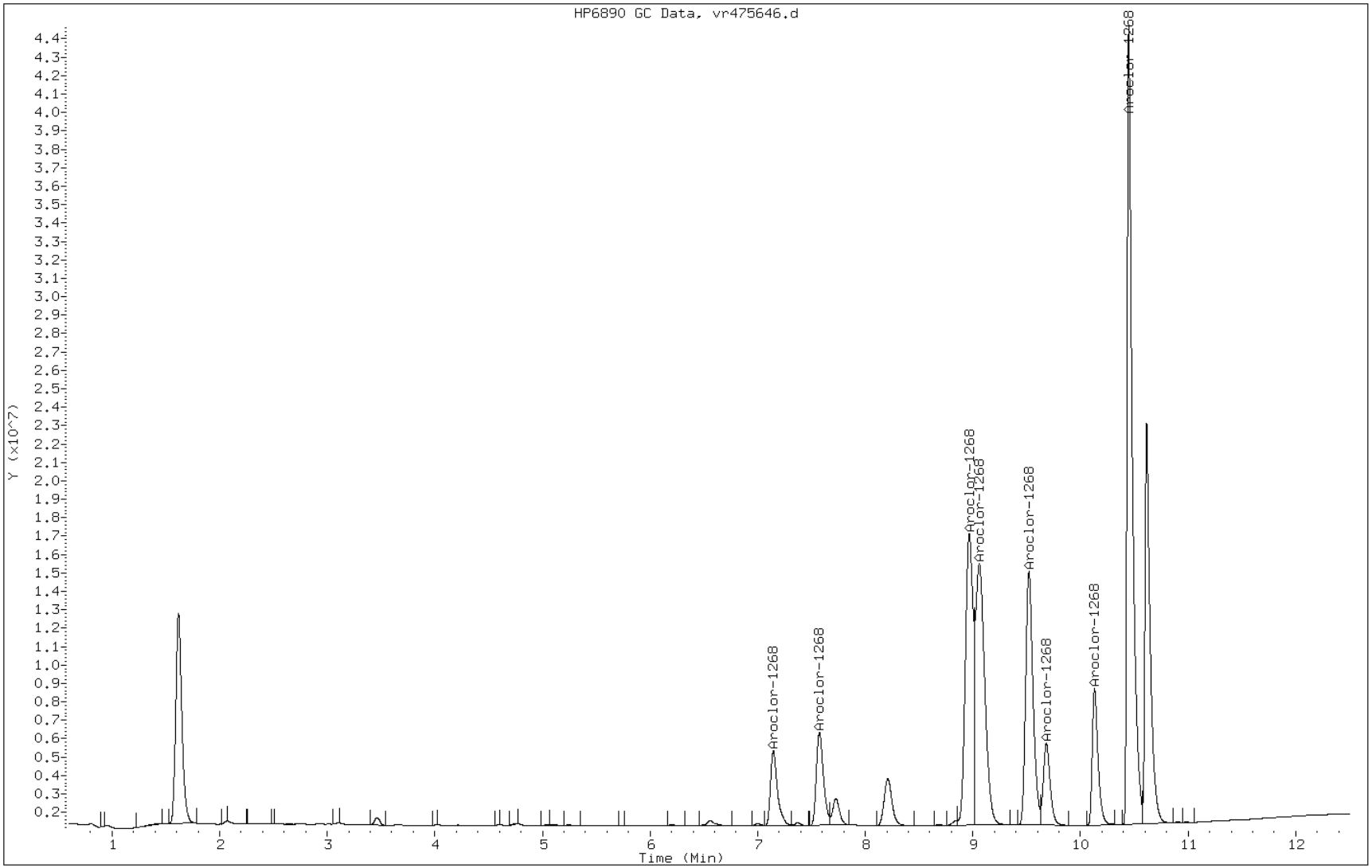
M - Compound response manually integrated.

Data File: vr475646.d

Date: 27-JUN-2012 12:17

Client ID: Instrument: PESTGC9.i

Sample Info: SG1268L3_00013 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118309/2 Calibration Date: 07/01/2012 12:09

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475956.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	9579	8825		921	1000	-7.9	15.0
PCB-1016 Peak 2	Ave	20876	17728		849	1000	-15.1*	15.0
PCB-1016 Peak 3	Ave	8609	8114		943	1000	-5.7	15.0
PCB-1016 Peak 4	Ave	38371	33951		885	1000	-11.5	15.0
PCB-1016 Peak 5	Ave	16749	16381		978	1000	-2.2	15.0
PCB-1016 Peak 6	Ave	11048	10149		919	1000	-8.1	15.0
PCB-1016 Peak 7	Ave	12516	10871		869	1000	-13.1	15.0
PCB-1016 Peak 8	Ave	12015	11920		992	1000	-0.8	15.0
PCB-1260 Peak 1	Ave	27195	25392		934	1000	-6.6	15.0
PCB-1260 Peak 2	Ave	31186	28817		924	1000	-7.6	15.0
PCB-1260 Peak 3	Ave	43553	40476		929	1000	-7.1	15.0
PCB-1260 Peak 4	Ave	21079	19761		937	1000	-6.3	15.0
PCB-1260 Peak 5	Ave	11639	11584		995	1000	-0.5	15.0
PCB-1260 Peak 6	Ave	20164	19053		945	1000	-5.5	15.0
PCB-1260 Peak 7	Ave	23459	20706		883	1000	-11.7	15.0
PCB-1260 Peak 8	Ave	9383	8412		896	1000	-10.4	15.0
DCB Decachlorobiphenyl	Ave	362498	338823		93.5	100	-6.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118309/2 Calibration Date: 07/01/2012 12:09

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475956.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.77	2.71	2.85
PCB-1016 Peak 2	3.40	3.34	3.48
PCB-1016 Peak 3	3.84	3.78	3.92
PCB-1016 Peak 4	4.25	4.19	4.33
PCB-1016 Peak 5	4.50	4.43	4.57
PCB-1016 Peak 6	4.94	4.87	5.01
PCB-1016 Peak 7	5.33	5.26	5.40
PCB-1016 Peak 8	5.54	5.47	5.61
PCB-1260 Peak 1	7.51	7.44	7.58
PCB-1260 Peak 2	7.94	7.88	8.02
PCB-1260 Peak 3	8.74	8.68	8.82
PCB-1260 Peak 4	8.99	8.93	9.07
PCB-1260 Peak 5	9.13	9.07	9.21
PCB-1260 Peak 6	9.68	9.61	9.75
PCB-1260 Peak 7	10.52	10.46	10.60
PCB-1260 Peak 8	11.02	10.95	11.09
DCB Decachlorobiphenyl	11.47	11.37	11.57

Data File: vf475956.d
Report Date: 02-Jul-2012 12:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475956.d
Lab Smp Id: ccvrtSG1660L3_00017
Inj Date : 01-JUL-2012 12:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccvrt SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.771	2.781	-0.010	8824533	921.208	610	80.00- 120.00	100.00(M)
3.401	3.413	-0.012	17727959	849.219	570	176.68- 265.03	200.89
3.841	3.853	-0.012	8114454	942.577	630	71.90- 107.85	91.95
4.248	4.256	-0.008	33950903	884.810	590	320.80- 481.20	384.73
4.496	4.504	-0.008	16381290	978.071	650	140.97- 211.45	185.63
4.936	4.944	-0.008	10148704	918.626	610	91.80- 137.70	115.01
5.326	5.334	-0.008	10871227	868.618	580	104.36- 156.55	123.19
5.536	5.544	-0.008	11919654	992.048	660	102.42- 153.62	135.07
		Average of Peak Concentrations =			610		
27 Aroclor-1260					CAS #: 11096-82-5		
7.507	7.514	-0.007	25391736	933.685	620	80.00- 120.00	100.00(M)

Data File: vf475956.d
Report Date: 02-Jul-2012 12:00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.941	7.948	-0.007	28817119	924.036	620	91.40- 137.10	113.49
8.744	8.752	-0.008	40476450	929.355	620	128.38- 192.57	159.41
8.991	8.999	-0.008	19760521	937.471	620	61.78- 92.67	77.82
9.131	9.141	-0.010	11583954	995.267	660	33.86- 50.80	45.62
9.676	9.684	-0.008	19052799	944.888	630	60.47- 90.71	75.04
10.522	10.526	-0.004	20706379	882.650	590	67.71- 101.56	81.55
11.019	11.024	-0.005	8411512	896.491	600	27.70- 41.55	33.13
		Average of Peak Concentrations =			620		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.466	11.473	-0.007	33882321	93.4691	62	80.00- 120.00	100.00(R)

QC Flag Legend

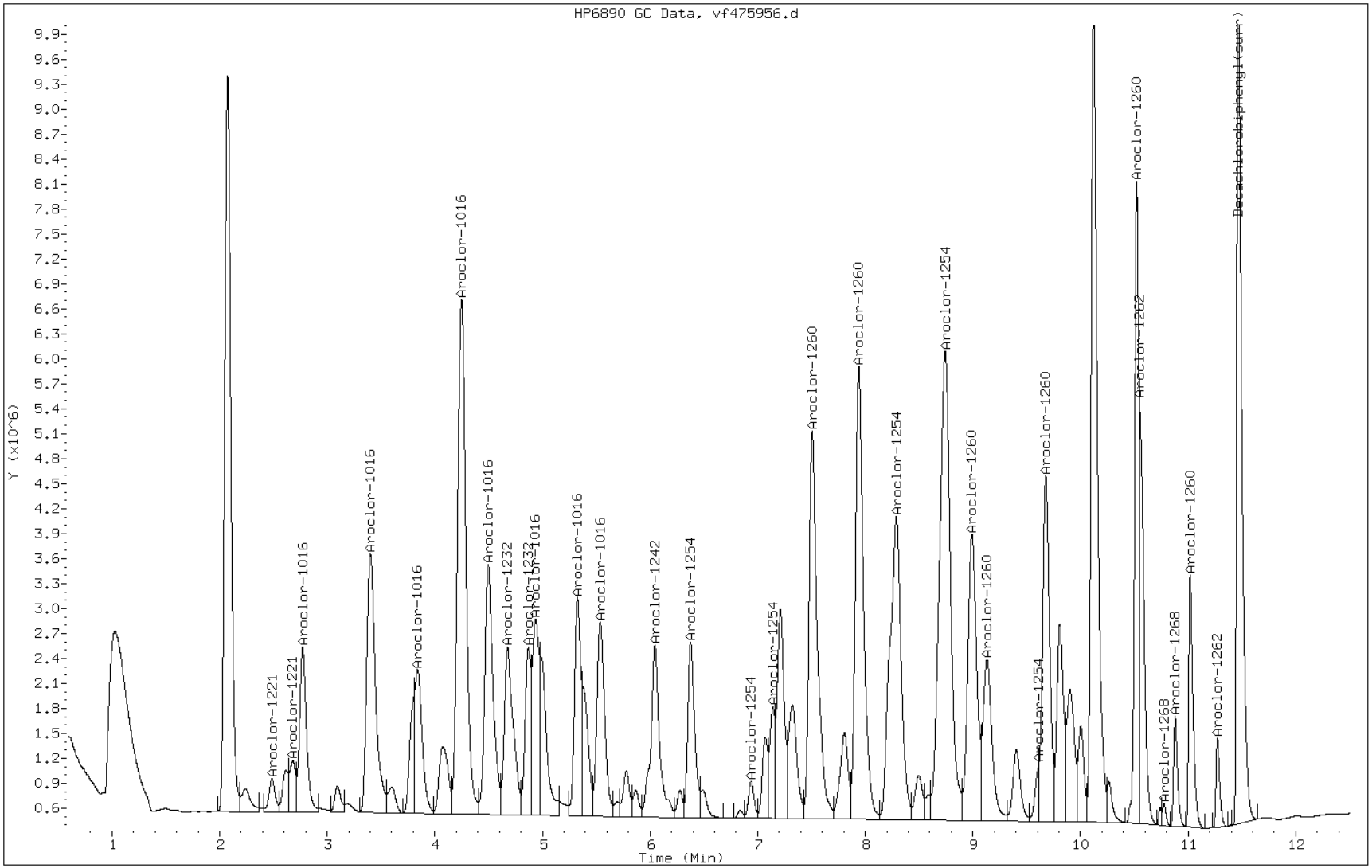
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475956.d

Date: 01-JUL-2012 12:09

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118309/2 Calibration Date: 07/01/2012 12:09

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475956.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10020	9328		931	1000	-6.9	15.0
PCB-1016 Peak 2	Ave	17636	16545		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	11234	11452		1020	1000	1.9	15.0
PCB-1016 Peak 4	Ave	40596	37088		914	1000	-8.6	15.0
PCB-1016 Peak 5	Ave	14912	13737		921	1000	-7.9	15.0
PCB-1016 Peak 6	Ave	15428	13955		905	1000	-9.5	15.0
PCB-1016 Peak 7	Ave	15124	14290		945	1000	-5.5	15.0
PCB-1016 Peak 8	Ave	6359	6185		973	1000	-2.7	15.0
PCB-1260 Peak 1	Ave	24791	22253		898	1000	-10.2	15.0
PCB-1260 Peak 2	Ave	48051	44357		923	1000	-7.7	15.0
PCB-1260 Peak 3	Ave	42864	40150		937	1000	-6.3	15.0
PCB-1260 Peak 4	Ave	22742	20597		906	1000	-9.4	15.0
PCB-1260 Peak 5	Ave	20321	18503		911	1000	-8.9	15.0
PCB-1260 Peak 6	Ave	26026	24501		941	1000	-5.9	15.0
PCB-1260 Peak 7	Ave	15134	14771		976	1000	-2.4	15.0
PCB-1260 Peak 8	Ave	13074	12984		993	1000	-0.7	15.0
DCB Decachlorobiphenyl	Ave	405526	366725		90.4	100	-9.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118309/2 Calibration Date: 07/01/2012 12:09

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475956.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.99	2.13
PCB-1016 Peak 2	2.50	2.43	2.57
PCB-1016 Peak 3	2.75	2.69	2.83
PCB-1016 Peak 4	3.10	3.04	3.18
PCB-1016 Peak 5	3.30	3.24	3.38
PCB-1016 Peak 6	3.65	3.60	3.74
PCB-1016 Peak 7	4.02	3.96	4.10
PCB-1016 Peak 8	4.17	4.10	4.24
PCB-1260 Peak 1	6.05	5.99	6.13
PCB-1260 Peak 2	6.50	6.44	6.58
PCB-1260 Peak 3	6.95	6.88	7.02
PCB-1260 Peak 4	7.15	7.08	7.22
PCB-1260 Peak 5	7.58	7.52	7.66
PCB-1260 Peak 6	8.86	8.80	8.94
PCB-1260 Peak 7	9.08	9.01	9.15
PCB-1260 Peak 8	10.13	10.06	10.20
DCB Decachlorobiphenyl	10.61	10.52	10.72

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475956.d
Lab Smp Id: ccvrtSG1660L3_00017
Inj Date : 01-JUL-2012 12:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccvrt SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.049	2.056	-0.007	9327763	930.938	620	80.00- 120.00	100.00(M)
2.496	2.505	-0.009	16545498	938.181	620	139.33- 209.00	177.38
2.746	2.755	-0.009	11452330	1019.47	680	80.83- 121.25	122.78
3.101	3.109	-0.008	37087825	913.594	610	326.20- 489.30	397.61
3.301	3.309	-0.008	13736984	921.224	610	109.87- 164.80	147.27
3.655	3.665	-0.010	13955261	904.542	600	112.76- 169.14	149.61
4.018	4.026	-0.008	14290495	944.896	630	113.57- 170.35	153.20
4.166	4.175	-0.009	6184814	972.598	650	43.82- 65.73	66.31
Average of Peak Concentrations =					630		
27 Aroclor-1260					CAS #: 11096-82-5		
6.052	6.058	-0.006	22253471	897.644	600	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.509	-0.005	44357053	923.122	620	149.81- 224.72	199.33
6.946	6.950	-0.004	40149578	936.666	620	123.89- 185.83	180.42
7.146	7.150	-0.004	20596934	905.687	600	65.23- 97.84	92.56
7.581	7.586	-0.005	18503235	910.548	610	57.47- 86.20	83.15
8.859	8.865	-0.006	24500683	941.375	630	71.15- 106.72	110.10
9.078	9.084	-0.006	14771263	976.005	650	39.48- 59.22	66.38
10.131	10.134	-0.003	12984096	993.156	660	33.88- 50.81	58.35
		Average of Peak Concentrations =			620		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	36672502	90.4320	60	80.00- 120.00	100.00(R)

QC Flag Legend

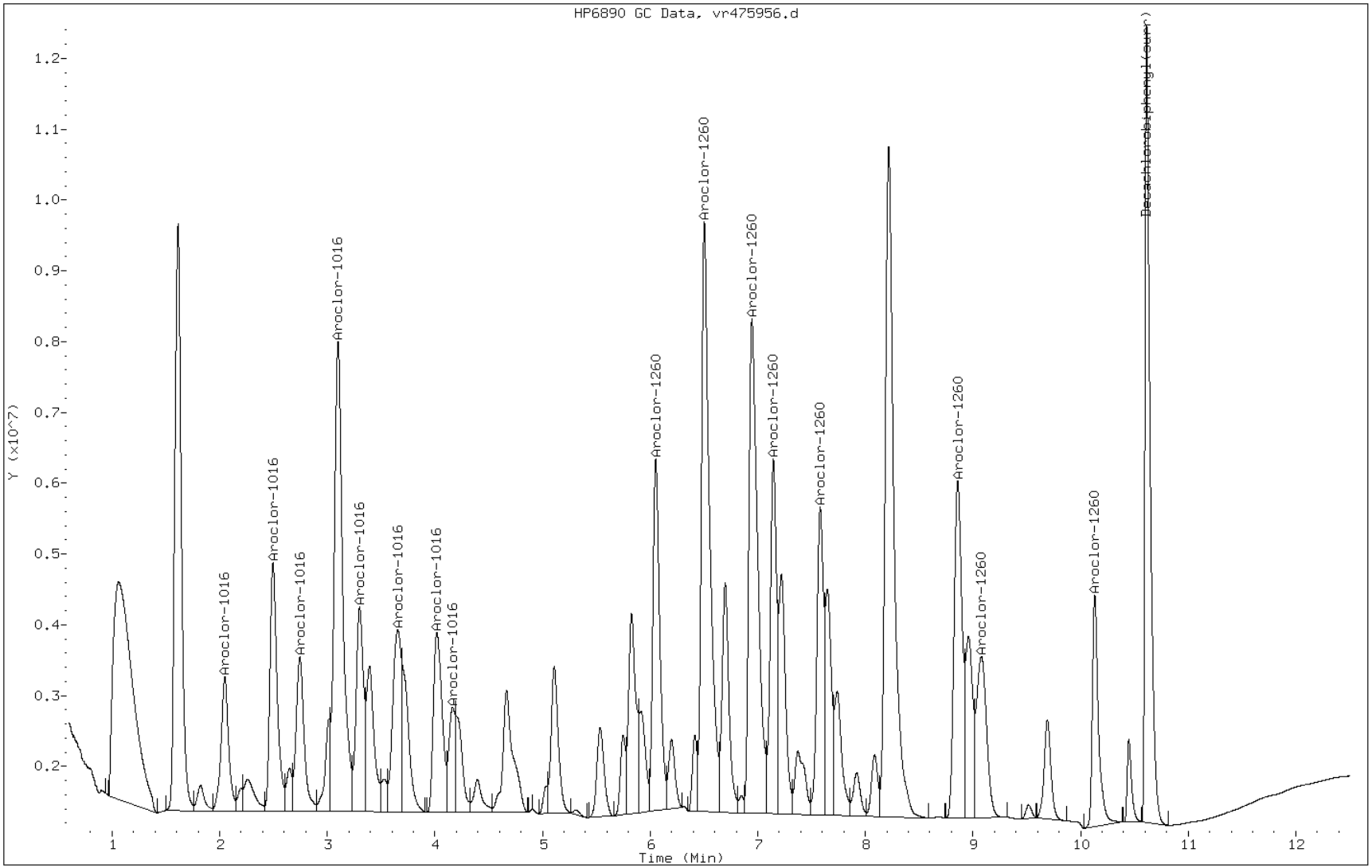
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475956.d

Date: 01-JUL-2012 12:09

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118309/28 Calibration Date: 07/01/2012 19:04

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475982.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	9579	8971		936	1000	-6.4	15.0
PCB-1016 Peak 2	Ave	20876	18565		889	1000	-11.1	15.0
PCB-1016 Peak 3	Ave	8609	8053		935	1000	-6.5	15.0
PCB-1016 Peak 4	Ave	38371	34891		909	1000	-9.1	15.0
PCB-1016 Peak 5	Ave	16749	16156		965	1000	-3.5	15.0
PCB-1016 Peak 6	Ave	11048	9859		892	1000	-10.8	15.0
PCB-1016 Peak 7	Ave	12516	10801		863	1000	-13.7	15.0
PCB-1016 Peak 8	Ave	12015	11937		993	1000	-0.7	15.0
PCB-1260 Peak 1	Ave	27195	25661		944	1000	-5.6	15.0
PCB-1260 Peak 2	Ave	31186	29119		934	1000	-6.6	15.0
PCB-1260 Peak 3	Ave	43553	41170		945	1000	-5.5	15.0
PCB-1260 Peak 4	Ave	21079	20047		951	1000	-4.9	15.0
PCB-1260 Peak 5	Ave	11639	11783		1010	1000	1.2	15.0
PCB-1260 Peak 6	Ave	20164	19580		971	1000	-2.9	15.0
PCB-1260 Peak 7	Ave	23459	21113		900	1000	-10.0	15.0
PCB-1260 Peak 8	Ave	9383	9434		1010	1000	0.5	15.0
DCB Decachlorobiphenyl	Ave	362498	354914		97.9	100	-2.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118309/28 Calibration Date: 07/01/2012 19:04

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475982.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.77	2.71	2.85
PCB-1016 Peak 2	3.40	3.34	3.48
PCB-1016 Peak 3	3.84	3.78	3.92
PCB-1016 Peak 4	4.25	4.19	4.33
PCB-1016 Peak 5	4.49	4.43	4.57
PCB-1016 Peak 6	4.93	4.87	5.01
PCB-1016 Peak 7	5.32	5.26	5.40
PCB-1016 Peak 8	5.53	5.47	5.61
PCB-1260 Peak 1	7.51	7.44	7.58
PCB-1260 Peak 2	7.94	7.88	8.02
PCB-1260 Peak 3	8.74	8.68	8.82
PCB-1260 Peak 4	8.99	8.93	9.07
PCB-1260 Peak 5	9.13	9.07	9.21
PCB-1260 Peak 6	9.68	9.61	9.75
PCB-1260 Peak 7	10.52	10.46	10.60
PCB-1260 Peak 8	11.02	10.95	11.09
DCB Decachlorobiphenyl	11.46	11.37	11.57

Data File: vf475982.d
Report Date: 02-Jul-2012 12:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475982.d
Lab Smp Id: CCV SG1660L3_00017
Inj Date : 01-JUL-2012 19:04
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCV SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 98
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.769	2.781	-0.012	8970703	936.467	620	80.00- 120.00	100.00(M)
3.398	3.413	-0.015	18564716	889.302	590	176.68- 265.03	206.95
3.838	3.853	-0.015	8053252	935.468	620	71.90- 107.85	89.77
4.246	4.256	-0.010	34891161	909.315	610	320.80- 481.20	388.95
4.494	4.504	-0.010	16155906	964.614	640	140.97- 211.45	180.10
4.934	4.944	-0.010	9858600	892.367	590	91.80- 137.70	109.90
5.324	5.334	-0.010	10800789	862.990	580	104.36- 156.55	120.40
5.535	5.544	-0.009	11936568	993.456	660	102.42- 153.62	133.06
		Average of Peak Concentrations =			620		
27 Aroclor-1260					CAS #: 11096-82-5		
7.506	7.514	-0.008	25661326	943.598	630	80.00- 120.00	100.00(M)

Data File: vf475982.d
Report Date: 02-Jul-2012 12:02

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.938	7.948	-0.010	29118854	933.711	620	91.40- 137.10	113.47
8.742	8.752	-0.010	41170259	945.285	630	128.38- 192.57	160.44
8.990	8.999	-0.009	20047184	951.071	630	61.78- 92.67	78.12
9.130	9.141	-0.011	11782896	1012.36	670	33.86- 50.80	45.92
9.676	9.684	-0.008	19580382	971.053	650	60.47- 90.71	76.30
10.521	10.526	-0.005	21113190	899.991	600	67.71- 101.56	82.28
11.016	11.024	-0.008	9433884	1005.45	670	27.70- 41.55	36.76
		Average of Peak Concentrations =			640		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.456	11.473	-0.017	35491387	97.9079	65	80.00- 120.00	100.00(R)

QC Flag Legend

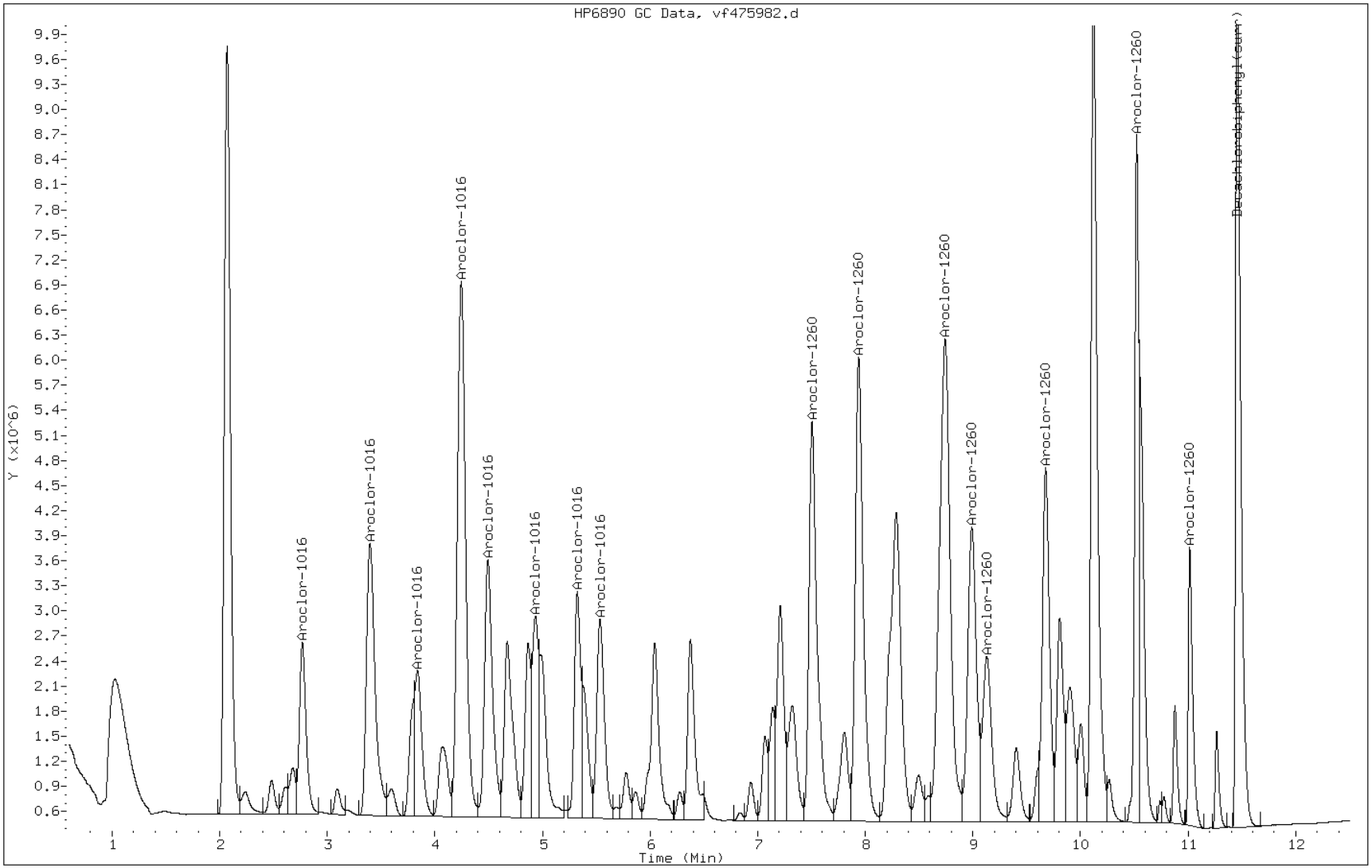
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475982.d

Date: 01-JUL-2012 19:04

Client ID: Instrument: PESTGC9.i

Sample Info: CCV SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118309/28 Calibration Date: 07/01/2012 19:04

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475982.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10020	9615		960	1000	-4.0	15.0
PCB-1016 Peak 2	Ave	17636	17115		970	1000	-3.0	15.0
PCB-1016 Peak 3	Ave	11234	11856		1060	1000	5.5	15.0
PCB-1016 Peak 4	Ave	40596	38368		945	1000	-5.5	15.0
PCB-1016 Peak 5	Ave	14912	14381		964	1000	-3.6	15.0
PCB-1016 Peak 6	Ave	15428	14703		953	1000	-4.7	15.0
PCB-1016 Peak 7	Ave	15124	14559		963	1000	-3.7	15.0
PCB-1016 Peak 8	Ave	6359	6672		1050	1000	4.9	15.0
PCB-1260 Peak 1	Ave	24791	23504		948	1000	-5.2	15.0
PCB-1260 Peak 2	Ave	48051	45655		950	1000	-5.0	15.0
PCB-1260 Peak 3	Ave	42864	41252		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	22742	21461		944	1000	-5.6	15.0
PCB-1260 Peak 5	Ave	20321	19408		955	1000	-4.5	15.0
PCB-1260 Peak 6	Ave	26026	24740		951	1000	-4.9	15.0
PCB-1260 Peak 7	Ave	15134	15067		996	1000	-0.4	15.0
PCB-1260 Peak 8	Ave	13074	12686		970	1000	-3.0	15.0
DCB Decachlorobiphenyl	Ave	405526	400521		98.8	100	-1.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118309/28 Calibration Date: 07/01/2012 19:04

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475982.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.04	1.99	2.13
PCB-1016 Peak 2	2.49	2.43	2.57
PCB-1016 Peak 3	2.74	2.69	2.83
PCB-1016 Peak 4	3.10	3.04	3.18
PCB-1016 Peak 5	3.30	3.24	3.38
PCB-1016 Peak 6	3.65	3.60	3.74
PCB-1016 Peak 7	4.02	3.96	4.10
PCB-1016 Peak 8	4.16	4.10	4.24
PCB-1260 Peak 1	6.05	5.99	6.13
PCB-1260 Peak 2	6.50	6.44	6.58
PCB-1260 Peak 3	6.94	6.88	7.02
PCB-1260 Peak 4	7.14	7.08	7.22
PCB-1260 Peak 5	7.58	7.52	7.66
PCB-1260 Peak 6	8.86	8.80	8.94
PCB-1260 Peak 7	9.08	9.01	9.15
PCB-1260 Peak 8	10.13	10.06	10.20
DCB Decachlorobiphenyl	10.61	10.52	10.72

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475982.d
Lab Smp Id: CCV SG1660L3_00017
Inj Date : 01-JUL-2012 19:04
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCV SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 98
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.045	2.056	-0.011	9614642	959.570	640	80.00- 120.00	100.00(M)
2.493	2.505	-0.012	17115447	970.499	650	139.33- 209.00	178.01
2.743	2.755	-0.012	11855878	1055.40	700	80.83- 121.25	123.31
3.099	3.109	-0.010	38368146	945.132	630	326.20- 489.30	399.06
3.298	3.309	-0.011	14380815	964.401	640	109.87- 164.80	149.57
3.653	3.665	-0.012	14703450	953.038	640	112.76- 169.14	152.93
4.016	4.026	-0.010	14559117	962.658	640	113.57- 170.35	151.43
4.164	4.175	-0.011	6672381	1049.27	700	43.82- 65.73	69.40
			Average of Peak Concentrations =		650		
27 Aroclor-1260					CAS #: 11096-82-5		
6.051	6.058	-0.007	23504056	948.089	630	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.502	6.509	-0.007	45655291	950.140	630	149.81- 224.72	194.24
6.945	6.950	-0.005	41252357	962.393	640	123.89- 185.83	175.51
7.145	7.150	-0.005	21461259	943.694	630	65.23- 97.84	91.31
7.580	7.586	-0.006	19407720	955.058	640	57.47- 86.20	82.57
8.858	8.865	-0.007	24740108	950.574	630	71.15- 106.72	105.26
9.076	9.084	-0.008	15067332	995.567	660	39.48- 59.22	64.11
10.131	10.134	-0.003	12685732	970.334	650	33.88- 50.81	53.97
Average of Peak Concentrations =					640		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	40052061	98.7657	66	80.00- 120.00	100.00(R)

QC Flag Legend

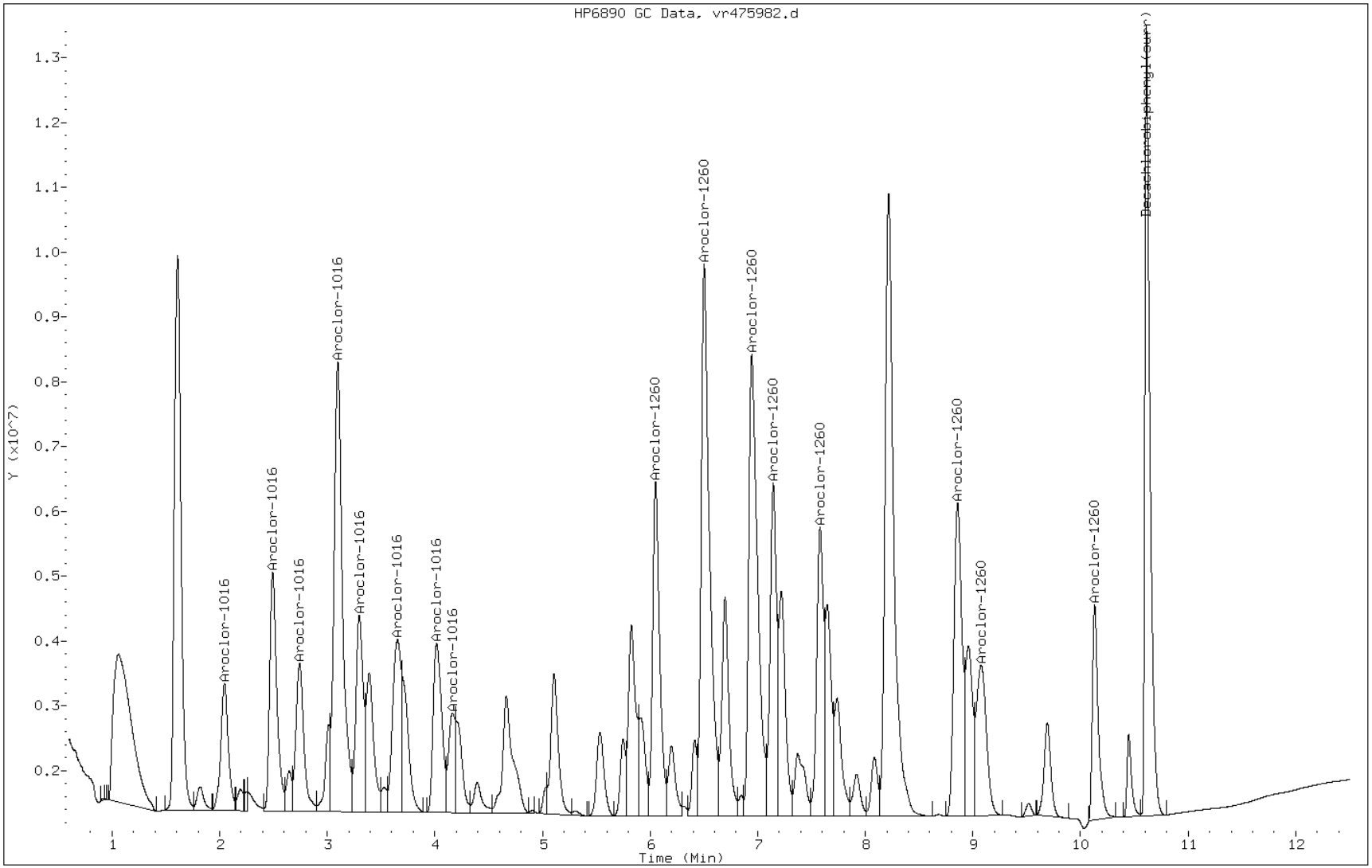
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475982.d

Date: 01-JUL-2012 19:04

Client ID: Instrument: PESTGC9.i

Sample Info: CCV SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118238/3 Calibration Date: 07/02/2012 03:39

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475987.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	9579	8583		896	1000	-10.4	15.0
PCB-1016 Peak 2	Ave	20876	17449		836	1000	-16.4*	15.0
PCB-1016 Peak 3	Ave	8609	8190		951	1000	-4.9	15.0
PCB-1016 Peak 4	Ave	38371	32614		850	1000	-15.0	15.0
PCB-1016 Peak 5	Ave	16749	15457		923	1000	-7.7	15.0
PCB-1016 Peak 6	Ave	11048	9614		870	1000	-13.0	15.0
PCB-1016 Peak 7	Ave	12516	10392		830	1000	-17.0*	15.0
PCB-1016 Peak 8	Ave	12015	11351		945	1000	-5.5	15.0
PCB-1260 Peak 1	Ave	27195	24485		900	1000	-10.0	15.0
PCB-1260 Peak 2	Ave	31186	27971		897	1000	-10.3	15.0
PCB-1260 Peak 3	Ave	43553	39105		898	1000	-10.2	15.0
PCB-1260 Peak 4	Ave	21079	19115		907	1000	-9.3	15.0
PCB-1260 Peak 5	Ave	11639	11042		949	1000	-5.1	15.0
PCB-1260 Peak 6	Ave	20164	18408		913	1000	-8.7	15.0
PCB-1260 Peak 7	Ave	23459	22343		952	1000	-4.8	15.0
PCB-1260 Peak 8	Ave	9383	8680		925	1000	-7.5	15.0
DCB Decachlorobiphenyl	Ave	362498	338513		93.4	100	-6.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118238/3 Calibration Date: 07/02/2012 03:39

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf475987.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.77	2.71	2.85
PCB-1016 Peak 2	3.40	3.34	3.48
PCB-1016 Peak 3	3.84	3.78	3.92
PCB-1016 Peak 4	4.25	4.19	4.33
PCB-1016 Peak 5	4.50	4.43	4.57
PCB-1016 Peak 6	4.94	4.87	5.01
PCB-1016 Peak 7	5.33	5.26	5.40
PCB-1016 Peak 8	5.54	5.47	5.61
PCB-1260 Peak 1	7.51	7.44	7.58
PCB-1260 Peak 2	7.94	7.88	8.02
PCB-1260 Peak 3	8.75	8.68	8.82
PCB-1260 Peak 4	9.00	8.93	9.07
PCB-1260 Peak 5	9.14	9.07	9.21
PCB-1260 Peak 6	9.68	9.61	9.75
PCB-1260 Peak 7	10.52	10.46	10.60
PCB-1260 Peak 8	11.02	10.95	11.09
DCB Decachlorobiphenyl	11.46	11.37	11.57

Data File: vf475987.d
Report Date: 02-Jul-2012 08:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475987.d
Lab Smp Id: ccvrtSG1660L3_00017
Inj Date : 02-JUL-2012 03:39
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccvrt SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.773	2.781	-0.008	8582632	895.956	600	80.00- 120.00	100.00(M)
3.403	3.413	-0.010	17449446	835.878	560	176.68- 265.03	203.31
3.843	3.853	-0.010	8189628	951.309	630	71.90- 107.85	95.42
4.250	4.256	-0.006	32614372	849.978	570	320.80- 481.20	380.00
4.497	4.504	-0.007	15457382	922.908	620	140.97- 211.45	180.10
4.938	4.944	-0.006	9613768	870.205	580	91.80- 137.70	112.01
5.328	5.334	-0.006	10391982	830.326	550	104.36- 156.55	121.08
5.539	5.544	-0.005	11351036	944.723	630	102.42- 153.62	132.26
Average of Peak Concentrations =					590		
27 Aroclor-1260					CAS #: 11096-82-5		
7.510	7.514	-0.004	24484504	900.325	600	80.00- 120.00	100.00(M)

Data File: vf475987.d
Report Date: 02-Jul-2012 08:20

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.944	7.948	-0.004	27971228	896.912	600	91.40- 137.10	114.24
8.748	8.752	-0.004	39105396	897.875	600	128.38- 192.57	159.71
8.995	8.999	-0.004	19115147	906.854	600	61.78- 92.67	78.07
9.136	9.141	-0.005	11042027	948.706	630	33.86- 50.80	45.10
9.680	9.684	-0.004	18408072	912.914	610	60.47- 90.71	75.18
10.524	10.526	-0.002	22342686	952.401	630	67.71- 101.56	91.25
11.017	11.024	-0.007	8680022	925.109	620	27.70- 41.55	35.45
		Average of Peak Concentrations =			610		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.456	11.473	-0.017	33851322	93.3836	62	80.00- 120.00	100.00(R)

QC Flag Legend

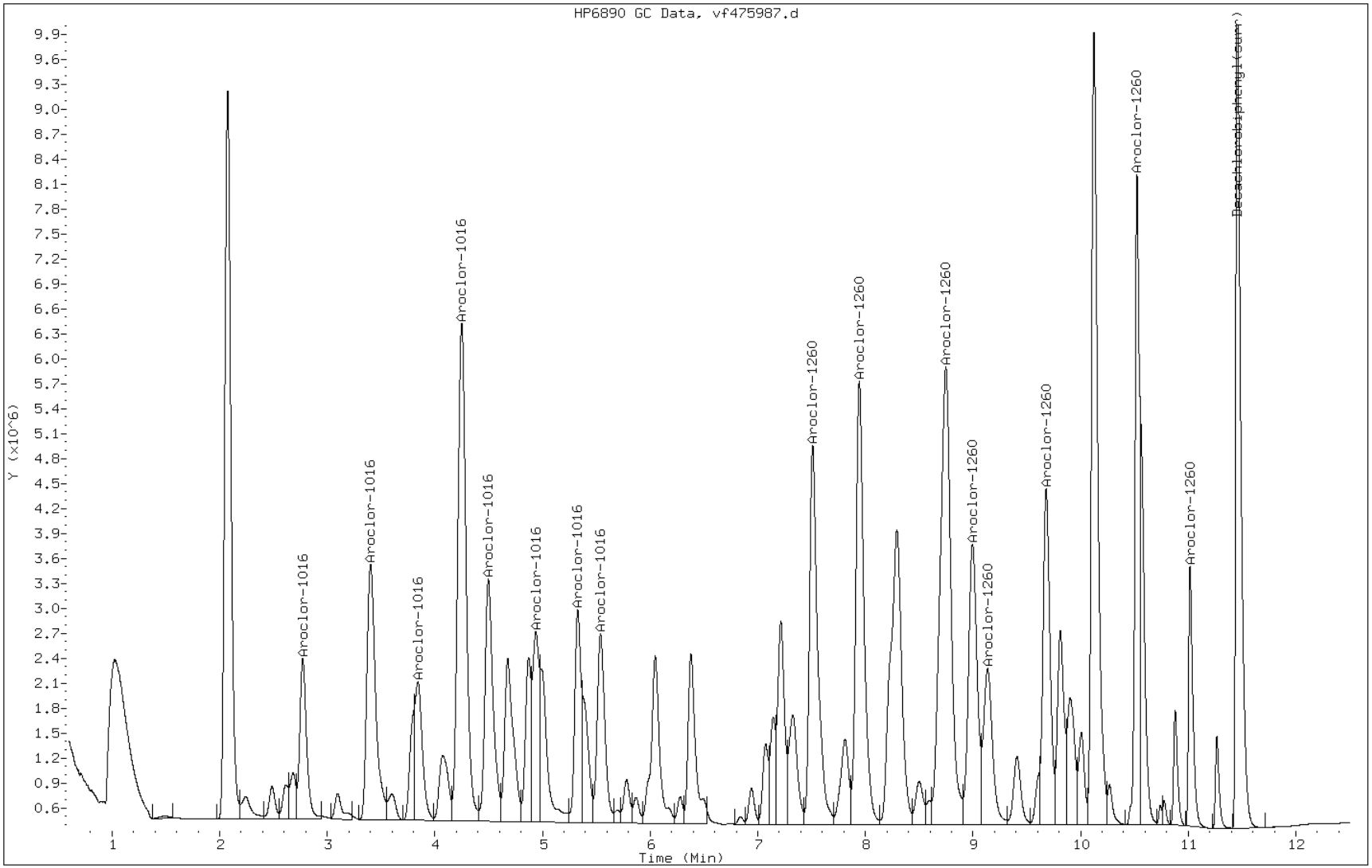
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475987.d

Date: 02-JUL-2012 03:39

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118238/3 Calibration Date: 07/02/2012 03:39

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475987.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10020	9295		928	1000	-7.2	15.0
PCB-1016 Peak 2	Ave	17636	16428		931	1000	-6.9	15.0
PCB-1016 Peak 3	Ave	11234	11365		1010	1000	1.2	15.0
PCB-1016 Peak 4	Ave	40596	36593		901	1000	-9.9	15.0
PCB-1016 Peak 5	Ave	14912	13704		919	1000	-8.1	15.0
PCB-1016 Peak 6	Ave	15428	13409		869	1000	-13.1	15.0
PCB-1016 Peak 7	Ave	15124	14019		927	1000	-7.3	15.0
PCB-1016 Peak 8	Ave	6359	6107		960	1000	-4.0	15.0
PCB-1260 Peak 1	Ave	24791	21726		876	1000	-12.4	15.0
PCB-1260 Peak 2	Ave	48051	43171		898	1000	-10.2	15.0
PCB-1260 Peak 3	Ave	42864	38890		907	1000	-9.3	15.0
PCB-1260 Peak 4	Ave	22742	20673		909	1000	-9.1	15.0
PCB-1260 Peak 5	Ave	20321	18098		891	1000	-10.9	15.0
PCB-1260 Peak 6	Ave	26026	23517		904	1000	-9.6	15.0
PCB-1260 Peak 7	Ave	15134	14271		943	1000	-5.7	15.0
PCB-1260 Peak 8	Ave	13074	12005		918	1000	-8.2	15.0
DCB Decachlorobiphenyl	Ave	405526	381120		94.0	100	-6.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCVRT 460-118238/3 Calibration Date: 07/02/2012 03:39

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr475987.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.99	2.13
PCB-1016 Peak 2	2.50	2.43	2.57
PCB-1016 Peak 3	2.75	2.69	2.83
PCB-1016 Peak 4	3.10	3.04	3.18
PCB-1016 Peak 5	3.30	3.24	3.38
PCB-1016 Peak 6	3.66	3.60	3.74
PCB-1016 Peak 7	4.02	3.96	4.10
PCB-1016 Peak 8	4.17	4.10	4.24
PCB-1260 Peak 1	6.05	5.99	6.13
PCB-1260 Peak 2	6.51	6.44	6.58
PCB-1260 Peak 3	6.95	6.88	7.02
PCB-1260 Peak 4	7.15	7.08	7.22
PCB-1260 Peak 5	7.58	7.52	7.66
PCB-1260 Peak 6	8.86	8.80	8.94
PCB-1260 Peak 7	9.08	9.01	9.15
PCB-1260 Peak 8	10.13	10.06	10.20
DCB Decachlorobiphenyl	10.62	10.52	10.72

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475987.d
Lab Smp Id: ccvrtSG1660L3_00017
Inj Date : 02-JUL-2012 03:39
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccvrt SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.050	2.056	-0.006	9294897	927.658	620	80.00- 120.00	100.00(M)
2.497	2.505	-0.008	16427555	931.493	620	139.33- 209.00	176.74
2.747	2.755	-0.008	11364974	1011.70	670	80.83- 121.25	122.27
3.101	3.109	-0.008	36593370	901.414	600	326.20- 489.30	393.69
3.301	3.309	-0.008	13704360	919.037	610	109.87- 164.80	147.44
3.655	3.665	-0.010	13408683	869.115	580	112.76- 169.14	144.26
4.020	4.026	-0.006	14018751	926.929	620	113.57- 170.35	150.82
4.166	4.175	-0.009	6106567	960.293	640	43.82- 65.73	65.70
			Average of Peak Concentrations =		620		
27 Aroclor-1260					CAS #: 11096-82-5		
6.054	6.058	-0.004	21725835	876.360	580	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.506	6.509	-0.003	43170741	898.434	600	149.81- 224.72	198.71
6.948	6.950	-0.002	38890262	907.287	600	123.89- 185.83	179.00
7.148	7.150	-0.002	20672685	909.018	610	65.23- 97.84	95.15
7.584	7.586	-0.002	18097602	890.587	590	57.47- 86.20	83.30
8.863	8.865	-0.002	23516810	903.572	600	71.15- 106.72	108.24
9.081	9.084	-0.003	14270841	942.939	630	39.48- 59.22	65.69
10.134	10.134	0.000	12005387	918.294	610	33.88- 50.81	55.26
		Average of Peak Concentrations =			600		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.617	-0.002	38111971	93.9816	63	80.00- 120.00	100.00(R)

QC Flag Legend

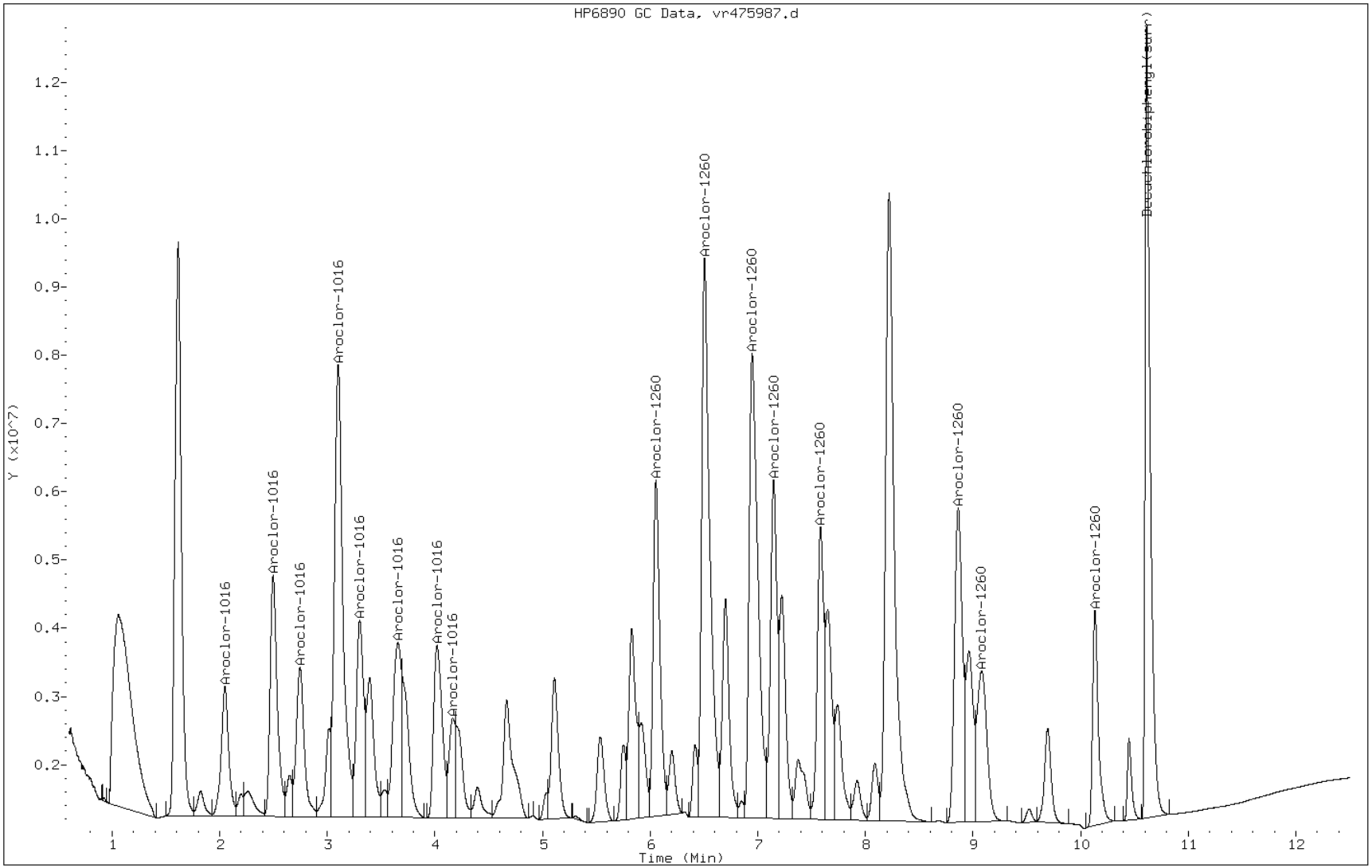
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475987.d

Date: 02-JUL-2012 03:39

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118238/25 Calibration Date: 07/02/2012 09:30

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf476009.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	9579	8773		916	1000	-8.4	15.0
PCB-1016 Peak 2	Ave	20876	18002		862	1000	-13.8	15.0
PCB-1016 Peak 3	Ave	8609	8454		982	1000	-1.8	15.0
PCB-1016 Peak 4	Ave	38371	34130		889	1000	-11.1	15.0
PCB-1016 Peak 5	Ave	16749	16053		958	1000	-4.2	15.0
PCB-1016 Peak 6	Ave	11048	9703		878	1000	-12.2	15.0
PCB-1016 Peak 7	Ave	12516	10621		849	1000	-15.1*	15.0
PCB-1016 Peak 8	Ave	12015	11774		980	1000	-2.0	15.0
PCB-1260 Peak 1	Ave	27195	24821		913	1000	-8.7	15.0
PCB-1260 Peak 2	Ave	31186	28528		915	1000	-8.5	15.0
PCB-1260 Peak 3	Ave	43553	40218		923	1000	-7.7	15.0
PCB-1260 Peak 4	Ave	21079	19572		929	1000	-7.1	15.0
PCB-1260 Peak 5	Ave	11639	11331		974	1000	-2.6	15.0
PCB-1260 Peak 6	Ave	20164	18857		935	1000	-6.5	15.0
PCB-1260 Peak 7	Ave	23459	20150		859	1000	-14.1	15.0
PCB-1260 Peak 8	Ave	9383	8551		911	1000	-8.9	15.0
DCB Decachlorobiphenyl	Ave	362498	337156		93.0	100	-7.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118238/25 Calibration Date: 07/02/2012 09:30

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vf476009.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.78	2.71	2.85
PCB-1016 Peak 2	3.41	3.34	3.48
PCB-1016 Peak 3	3.84	3.78	3.92
PCB-1016 Peak 4	4.25	4.19	4.33
PCB-1016 Peak 5	4.50	4.43	4.57
PCB-1016 Peak 6	4.94	4.87	5.01
PCB-1016 Peak 7	5.33	5.26	5.40
PCB-1016 Peak 8	5.54	5.47	5.61
PCB-1260 Peak 1	7.51	7.44	7.58
PCB-1260 Peak 2	7.94	7.88	8.02
PCB-1260 Peak 3	8.74	8.68	8.82
PCB-1260 Peak 4	8.99	8.93	9.07
PCB-1260 Peak 5	9.13	9.07	9.21
PCB-1260 Peak 6	9.67	9.61	9.75
PCB-1260 Peak 7	10.52	10.46	10.60
PCB-1260 Peak 8	11.02	10.95	11.09
DCB Decachlorobiphenyl	11.47	11.37	11.57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf476009.d
Lab Smp Id: ccv SG1660L3_00017
Inj Date : 02-JUL-2012 09:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccv SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.776	2.781	-0.005	8773271	915.857	610	80.00- 120.00	100.00(M)
3.406	3.413	-0.007	18002437	862.368	570	176.68- 265.03	205.20
3.845	3.853	-0.008	8453603	981.973	650	71.90- 107.85	96.36
4.251	4.256	-0.005	34130359	889.487	590	320.80- 481.20	389.03
4.497	4.504	-0.007	16053140	958.478	640	140.97- 211.45	182.98
4.937	4.944	-0.007	9703441	878.322	580	91.80- 137.70	110.60
5.326	5.334	-0.008	10621327	848.651	560	104.36- 156.55	121.06
5.536	5.544	-0.008	11774050	979.930	650	102.42- 153.62	134.20
Average of Peak Concentrations =					610		
27 Aroclor-1260					CAS #: 11096-82-5		
7.506	7.514	-0.008	24820898	912.694	610	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.938	7.948	-0.010	28528290	914.775	610	91.40- 137.10	114.94
8.741	8.752	-0.011	40218097	923.423	620	128.38- 192.57	162.03
8.988	8.999	-0.011	19572263	928.540	620	61.78- 92.67	78.85
9.128	9.141	-0.013	11331033	973.536	650	33.86- 50.80	45.65
9.675	9.684	-0.009	18856779	935.167	620	60.47- 90.71	75.97
10.521	10.526	-0.005	20150050	858.935	570	67.71- 101.56	81.18
11.019	11.024	-0.005	8550769	911.333	610	27.70- 41.55	34.45
Average of Peak Concentrations =					610		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.467	11.473	-0.006	33715603	93.0092	62	80.00- 120.00	100.00(R)

QC Flag Legend

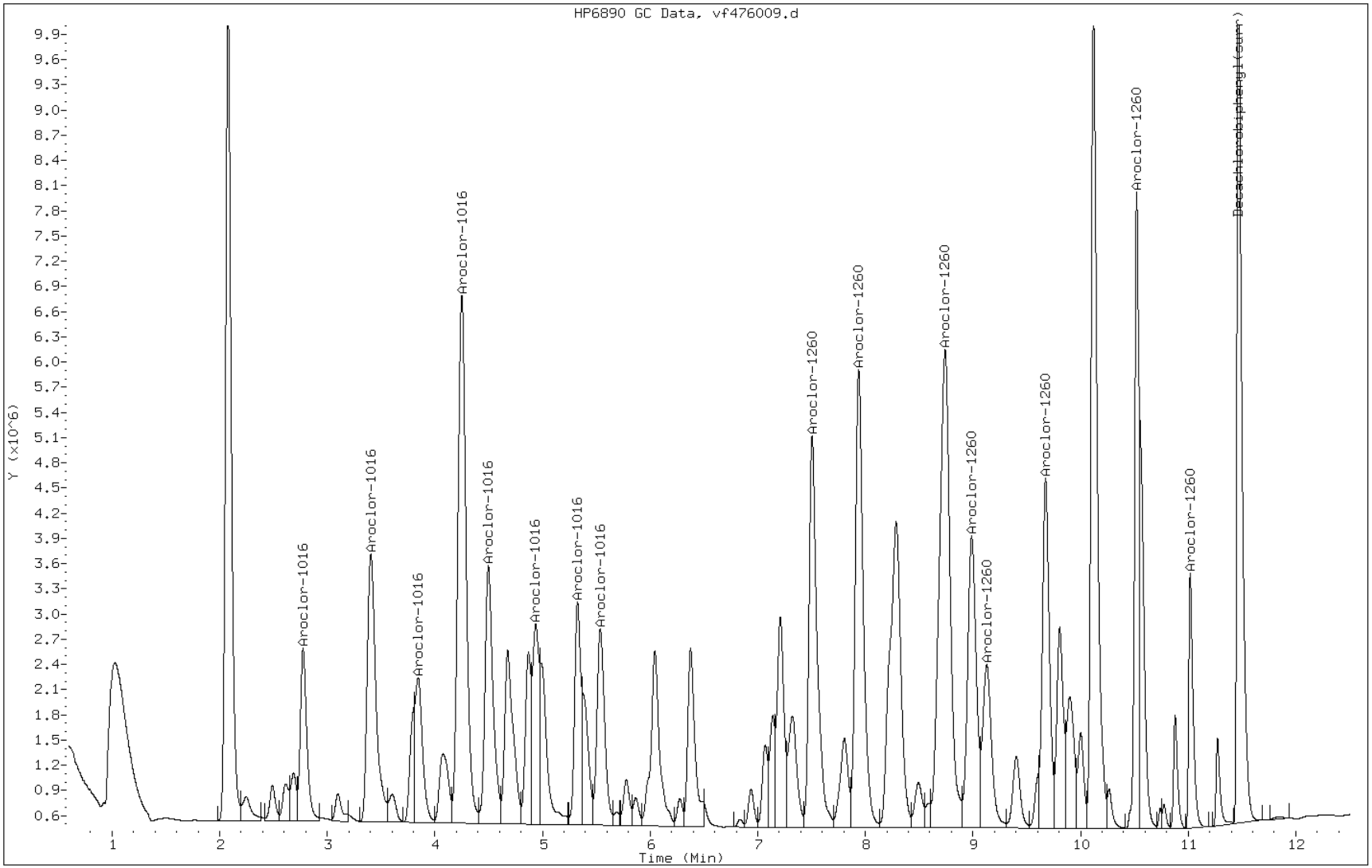
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf476009.d

Date: 02-JUL-2012 09:30

Client ID: Instrument: PESTGC9.i

Sample Info: ccv SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118238/25 Calibration Date: 07/02/2012 09:30

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr476009.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10020	9540		952	1000	-4.8	15.0
PCB-1016 Peak 2	Ave	17636	16656		944	1000	-5.6	15.0
PCB-1016 Peak 3	Ave	11234	11601		1030	1000	3.3	15.0
PCB-1016 Peak 4	Ave	40596	37644		927	1000	-7.3	15.0
PCB-1016 Peak 5	Ave	14912	14076		944	1000	-5.6	15.0
PCB-1016 Peak 6	Ave	15428	14725		954	1000	-4.6	15.0
PCB-1016 Peak 7	Ave	15124	14336		948	1000	-5.2	15.0
PCB-1016 Peak 8	Ave	6359	6080		956	1000	-4.4	15.0
PCB-1260 Peak 1	Ave	24791	23380		943	1000	-5.7	15.0
PCB-1260 Peak 2	Ave	48051	45255		942	1000	-5.8	15.0
PCB-1260 Peak 3	Ave	42864	40949		955	1000	-4.5	15.0
PCB-1260 Peak 4	Ave	22742	21637		951	1000	-4.9	15.0
PCB-1260 Peak 5	Ave	20321	19196		945	1000	-5.5	15.0
PCB-1260 Peak 6	Ave	26026	24638		947	1000	-5.3	15.0
PCB-1260 Peak 7	Ave	15134	14580		963	1000	-3.7	15.0
PCB-1260 Peak 8	Ave	13074	12402		949	1000	-5.1	15.0
DCB Decachlorobiphenyl	Ave	405526	377017		93.0	100	-7.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: CCV 460-118238/25 Calibration Date: 07/02/2012 09:30

Instrument ID: PESTGC9 Calib Start Date: 06/27/2012 09:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/27/2012 10:25

Lab File ID: vr476009.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.99	2.13
PCB-1016 Peak 2	2.50	2.43	2.57
PCB-1016 Peak 3	2.75	2.69	2.83
PCB-1016 Peak 4	3.11	3.04	3.18
PCB-1016 Peak 5	3.30	3.24	3.38
PCB-1016 Peak 6	3.66	3.60	3.74
PCB-1016 Peak 7	4.02	3.96	4.10
PCB-1016 Peak 8	4.17	4.10	4.24
PCB-1260 Peak 1	6.05	5.99	6.13
PCB-1260 Peak 2	6.50	6.44	6.58
PCB-1260 Peak 3	6.94	6.88	7.02
PCB-1260 Peak 4	7.14	7.08	7.22
PCB-1260 Peak 5	7.58	7.52	7.66
PCB-1260 Peak 6	8.86	8.80	8.94
PCB-1260 Peak 7	9.07	9.01	9.15
PCB-1260 Peak 8	10.13	10.06	10.20
DCB Decachlorobiphenyl	10.61	10.52	10.72

Data File: vr476009.d
Report Date: 02-Jul-2012 09:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr476009.d
Lab Smp Id: ccv SG1660L3_00017
Inj Date : 02-JUL-2012 09:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : ccv SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.054	2.056	-0.002	9540163	952.137	630	80.00- 120.00	100.00(M)
2.501	2.505	-0.004	16656127	944.454	630	139.33- 209.00	174.59
2.751	2.755	-0.004	11600554	1032.67	690	80.83- 121.25	121.60
3.106	3.109	-0.003	37644479	927.306	620	326.20- 489.30	394.59
3.304	3.309	-0.005	14076480	943.992	630	109.87- 164.80	147.55
3.660	3.665	-0.005	14725021	954.436	640	112.76- 169.14	154.35
4.021	4.026	-0.005	14335512	947.873	630	113.57- 170.35	150.26
4.166	4.175	-0.009	6080002	956.116	640	43.82- 65.73	63.73
			Average of Peak Concentrations =		640		
27 Aroclor-1260					CAS #: 11096-82-5		
6.052	6.058	-0.006	23379663	943.071	630	80.00- 120.00	100.00(M)

Data File: vr476009.d
Report Date: 02-Jul-2012 09:59

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.509	-0.005	45255149	941.813	630	149.81- 224.72	193.57
6.945	6.950	-0.005	40949203	955.321	640	123.89- 185.83	175.15
7.145	7.150	-0.005	21637288	951.434	630	65.23- 97.84	92.55
7.580	7.586	-0.006	19195505	944.615	630	57.47- 86.20	82.10
8.857	8.865	-0.008	24638216	946.659	630	71.15- 106.72	105.38
9.075	9.084	-0.009	14579788	963.353	640	39.48- 59.22	62.36
10.130	10.134	-0.004	12402447	948.666	630	33.88- 50.81	53.05
Average of Peak Concentrations =					630		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	37701690	92.9699	62	80.00- 120.00	100.00(R)

QC Flag Legend

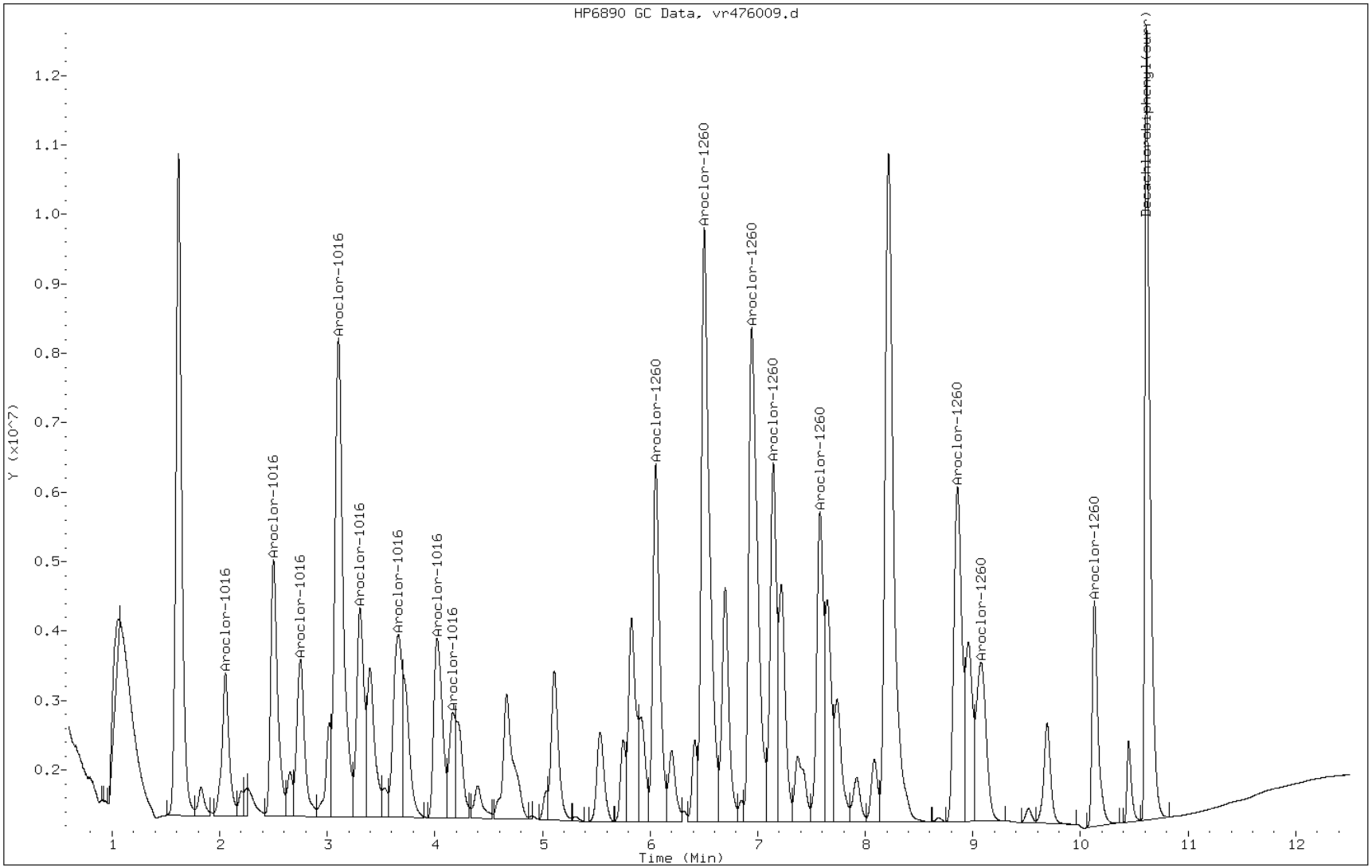
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr476009.d

Date: 02-JUL-2012 09:30

Client ID: Instrument: PESTGC9.i

Sample Info: ccv SG1660L3_00017 Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118068/1-A

Matrix: Solid Lab File ID: vf475957.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 12:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		30-150

Data File: vf475957.d
Report Date: 02-Jul-2012 12:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475957.d
Lab Smp Id: MB 460-118068/1-
Inj Date : 01-JUL-2012 12:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-118068/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.464	11.473	-0.009	17243672	47.5691	32	80.00- 120.00	100.00

Data File: vf475957.d

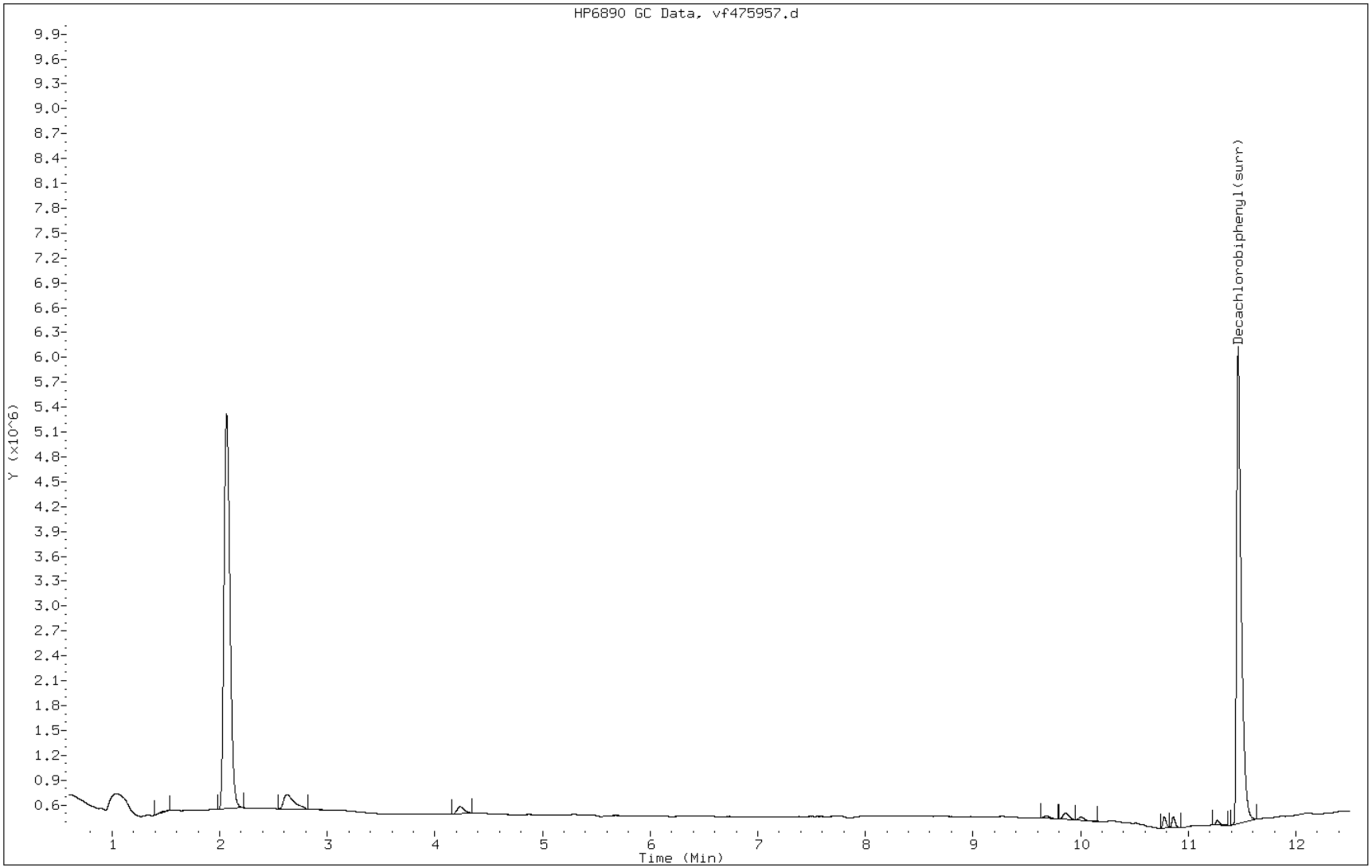
Date: 01-JUL-2012 12:25

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-118068/1-

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118068/1-A

Matrix: Solid Lab File ID: vr475957.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 12:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475957.d
Lab Smp Id: MB 460-118068/1-
Inj Date : 01-JUL-2012 12:25
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-118068/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

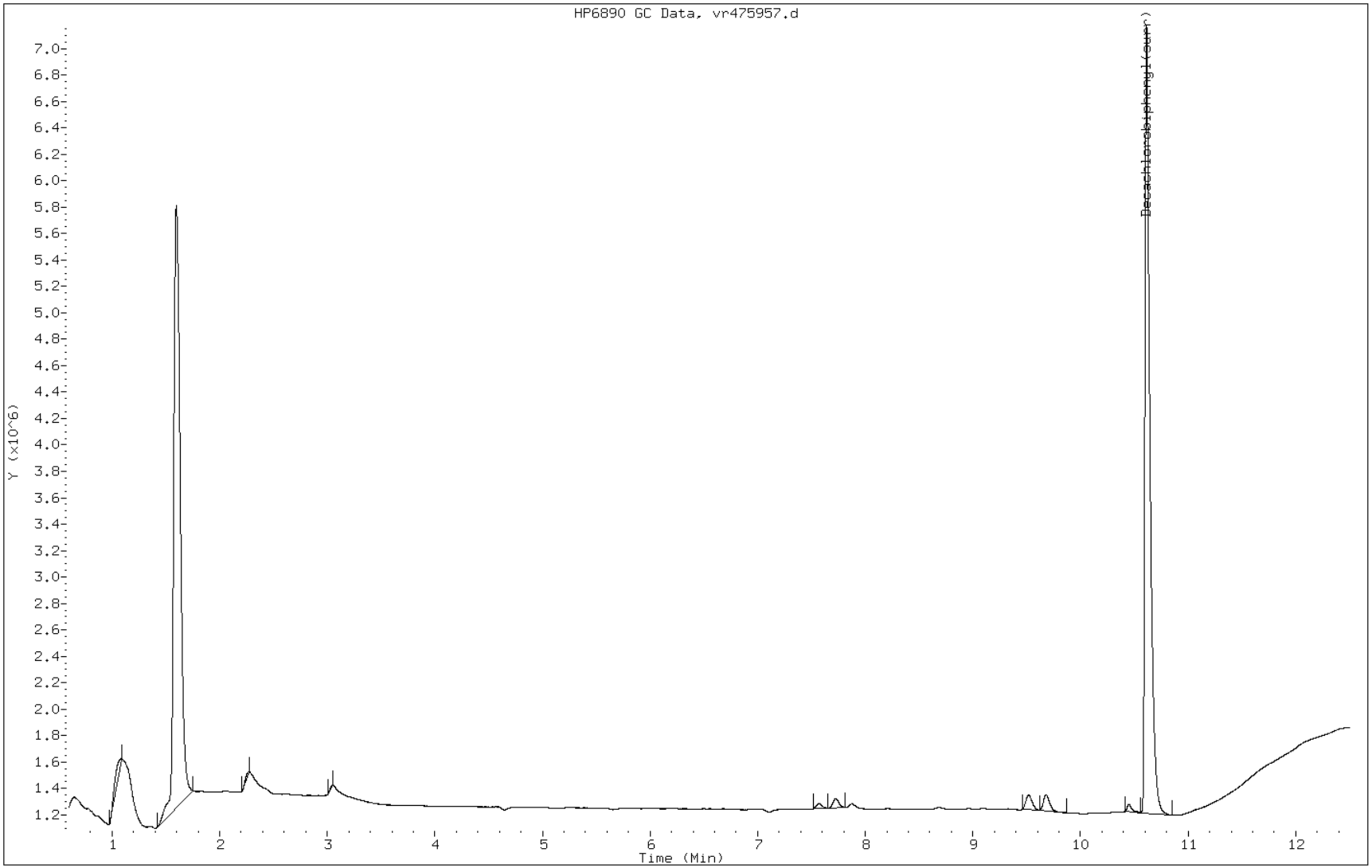
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	19156968	47.2398	31	80.00- 120.00	100.00

Data File: vr475957.d

Date: 01-JUL-2012 12:25

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-118068/1- Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118069/1-A

Matrix: Solid Lab File ID: vf475988.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 03:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475988.d
Lab Smp Id: MB 460-118069/1-a
Inj Date : 02-JUL-2012 03:55
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-118069/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

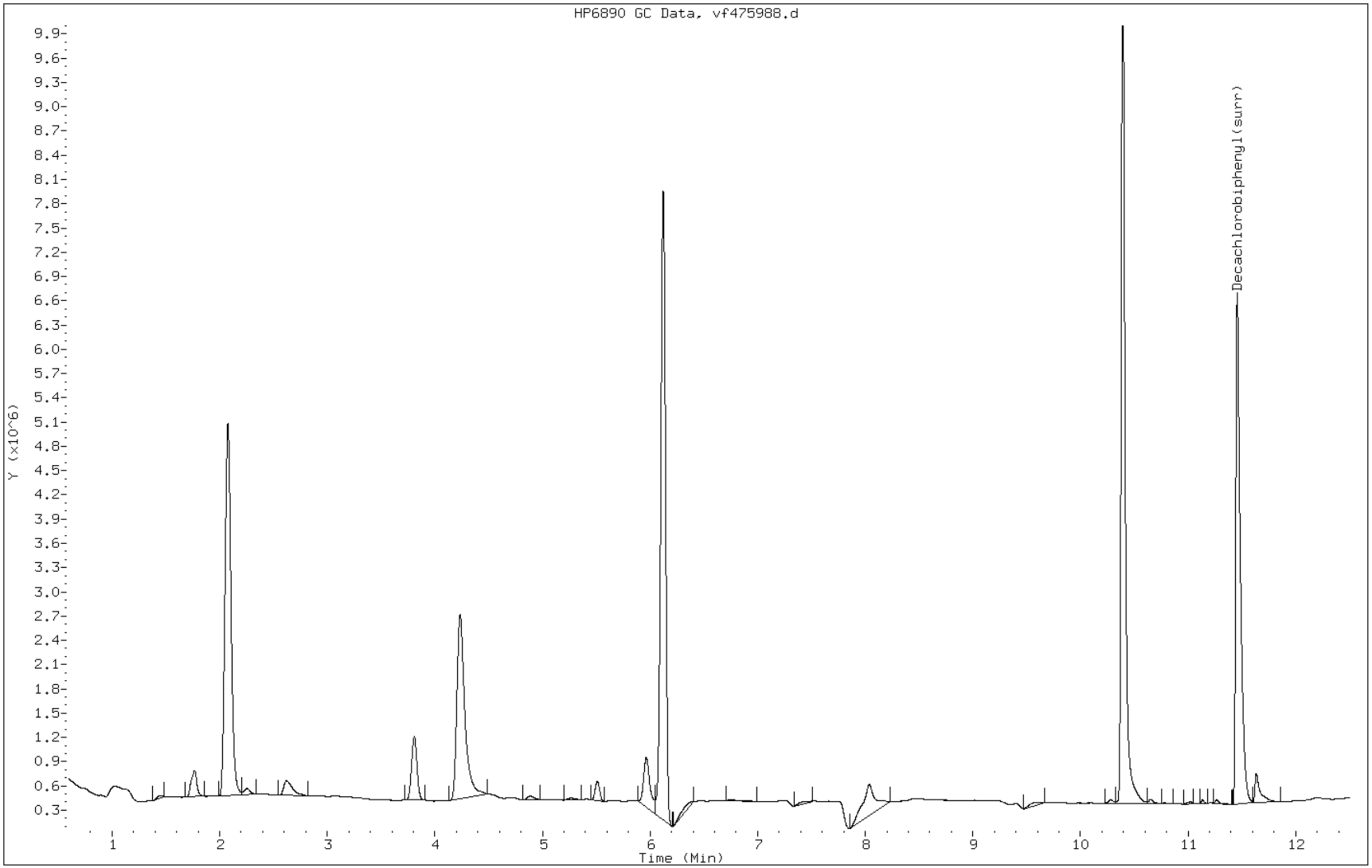
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.457	11.473	-0.016	18677392	51.5242	34	80.00- 120.00	100.00

Data File: vf475988.d

Date: 02-JUL-2012 03:55

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-118069/1-a Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-118069/1-A

Matrix: Solid Lab File ID: vr475988.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 03:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: vr475988.d
Report Date: 02-Jul-2012 08:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475988.d
Lab Smp Id: MB 460-118069/1-a
Inj Date : 02-JUL-2012 03:55
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-118069/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	22530977	55.5599	37	80.00- 120.00	100.00

Data File: vr475988.d

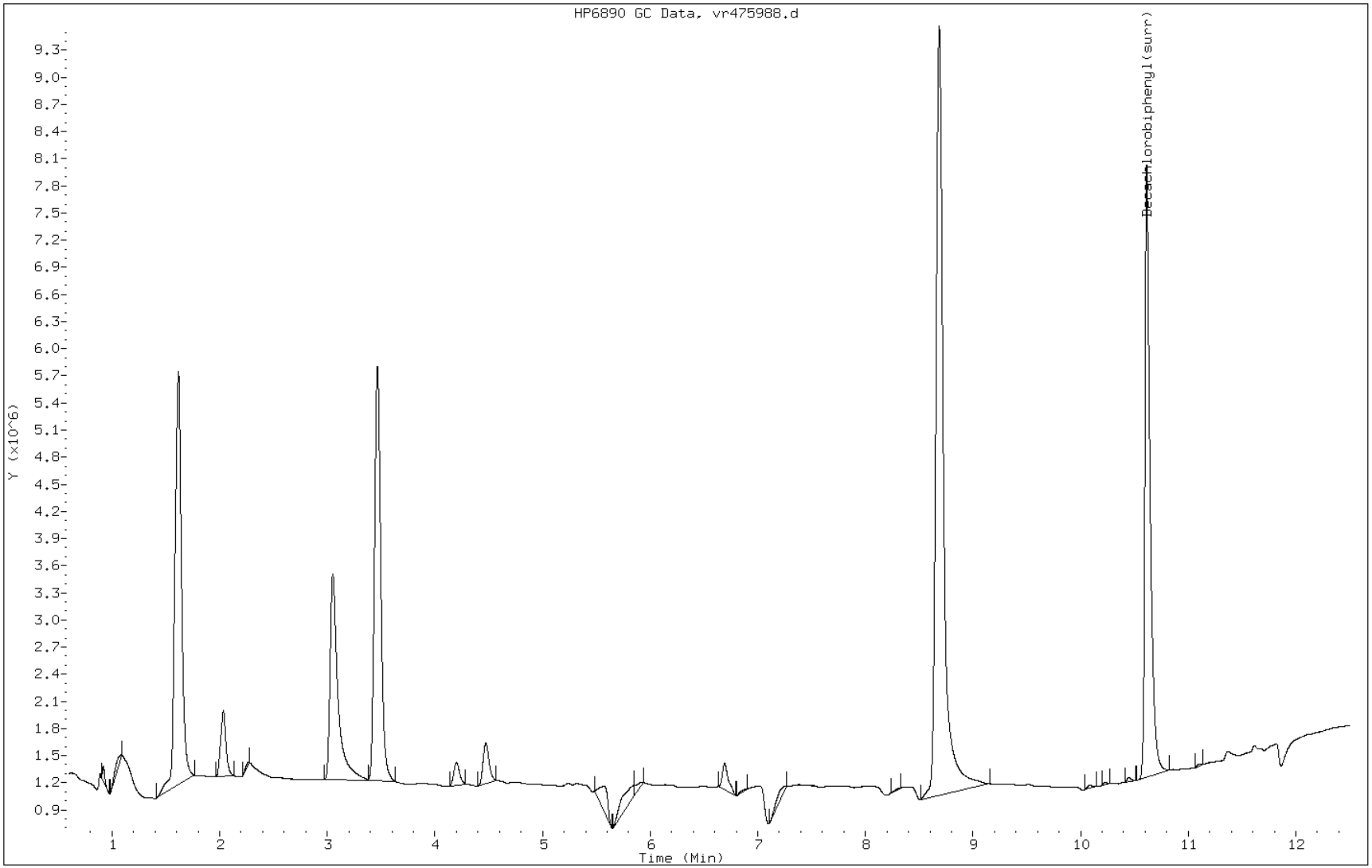
Date: 02-JUL-2012 03:55

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-118069/1-a

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118068/2-A

Matrix: Solid Lab File ID: vf475958.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 12:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*301*		*67*	*13*
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*309*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		30-150

Data File: vf475958.d
Report Date: 02-Jul-2012 12:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475958.d
Lab Smp Id: LCS 460-118068/2
Inj Date : 01-JUL-2012 12:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-118068/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.764	2.781	-0.017	4417682	461.169	310	80.00- 120.00	100.00(M)
3.395	3.413	-0.018	9333678	447.110	300	176.68- 265.03	211.28
3.835	3.853	-0.018	4047857	470.200	310	71.90- 107.85	91.63
4.242	4.256	-0.014	17476674	455.468	300	320.80- 481.20	395.61
4.490	4.504	-0.014	7708593	460.254	310	140.97- 211.45	174.49
4.932	4.944	-0.012	5076370	459.496	310	91.80- 137.70	114.91
5.321	5.334	-0.013	5232630	418.090	280	104.36- 156.55	118.45
5.531	5.544	-0.013	5346651	444.991	300	102.42- 153.62	121.03
Average of Peak Concentrations =					300		
27 Aroclor-1260					CAS #: 11096-82-5		
7.503	7.514	-0.011	13156811	483.792	320	80.00- 120.00	100.00(M)

Data File: vf475958.d
Report Date: 02-Jul-2012 12:40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.936	7.948	-0.012	14782178	473.998	320	91.40- 137.10	112.35
8.739	8.752	-0.013	20070170	460.819	310	128.38- 192.57	152.55
8.986	8.999	-0.013	9874902	468.481	310	61.78- 92.67	75.06
9.125	9.141	-0.016	5423821	466.002	310	33.86- 50.80	41.22
9.674	9.684	-0.010	9552409	473.734	320	60.47- 90.71	72.60
10.521	10.526	-0.005	10798273	460.298	310	67.71- 101.56	82.07
11.017	11.024	-0.007	3898031	415.449	280	27.70- 41.55	29.63
Average of Peak Concentrations =					310		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.463	11.473	-0.010	15089145	41.6255	28	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475958.d

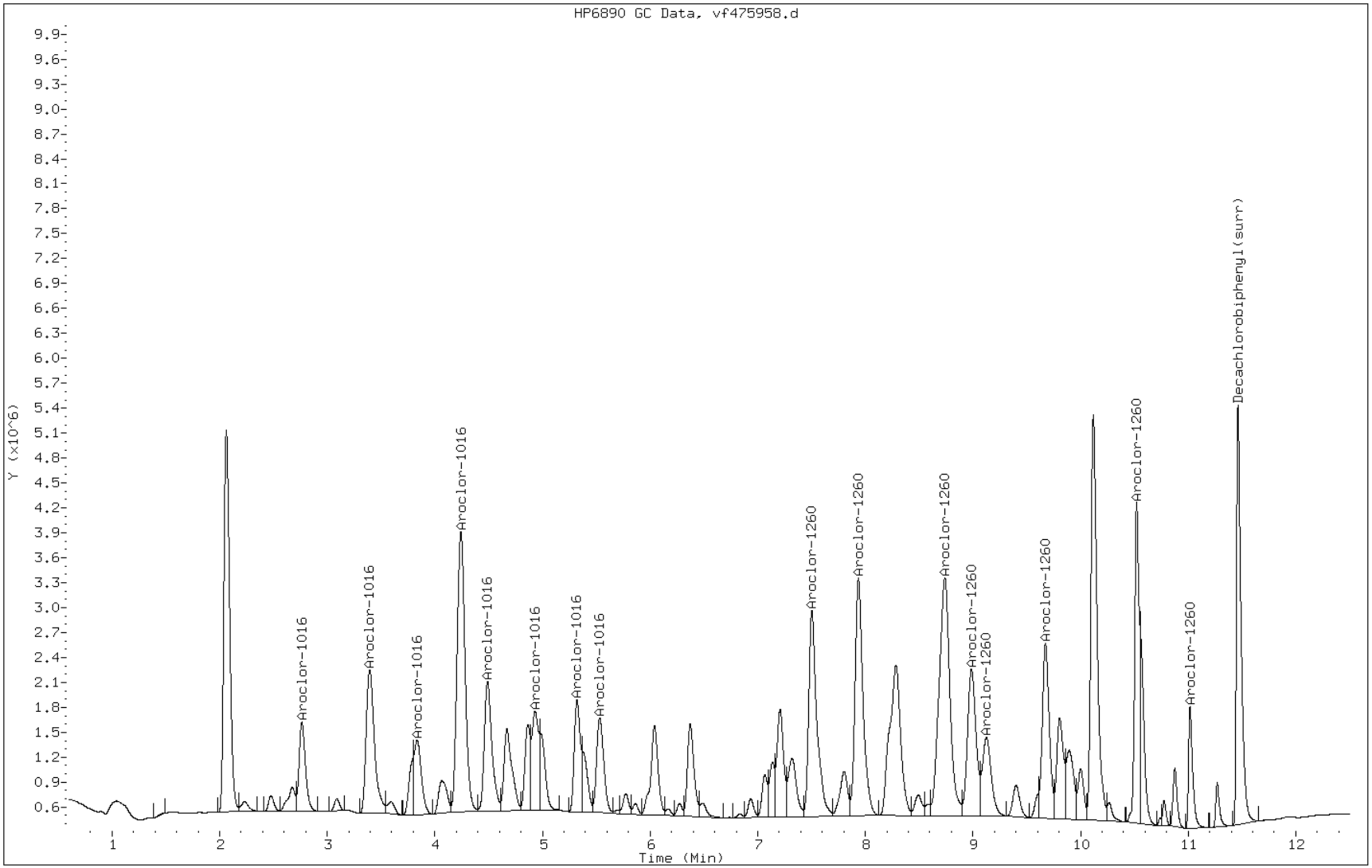
Date: 01-JUL-2012 12:41

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-118068/2

Operator: 615



Manual Integration Report

Data File: vf475958.d
Inj. Date and Time: 01-JUL-2012 12:41
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

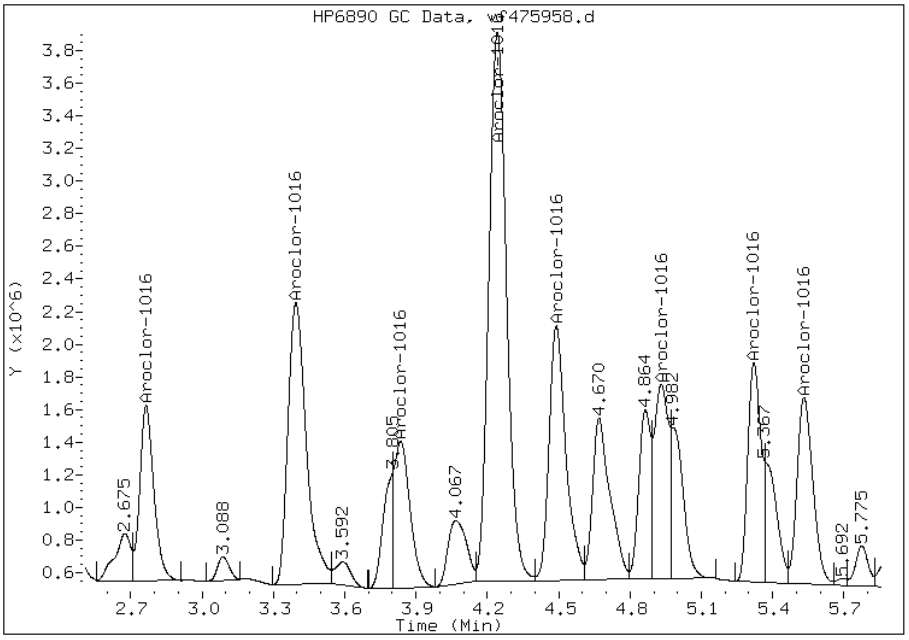
Manual Integration Results

RT: 2.76

Response: 4417682

Amount: 452.10

Conc: 300.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475958.d
Inj. Date and Time: 01-JUL-2012 12:41
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

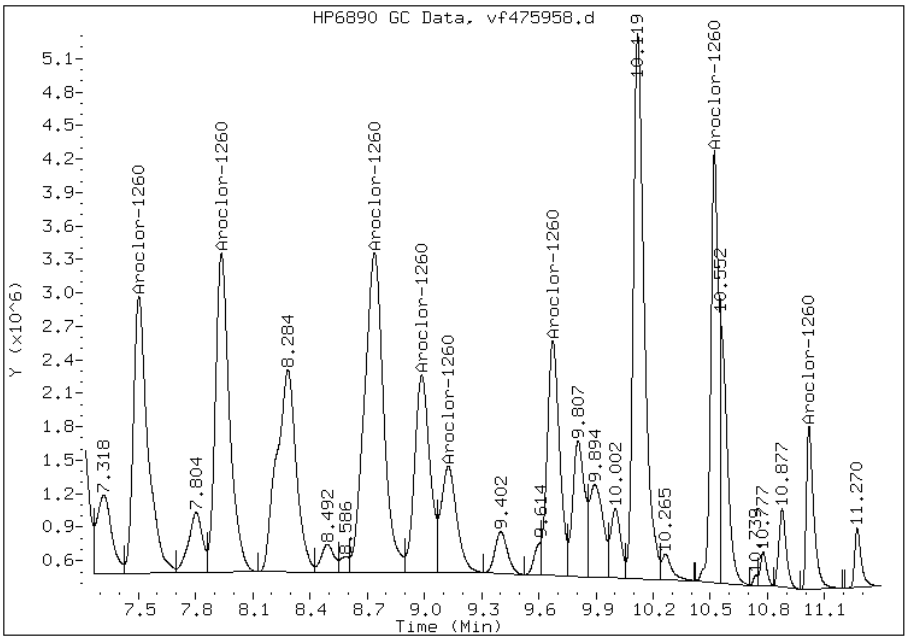
Manual Integration Results

RT: 7.50

Response: 13156811

Amount: 462.82

Conc: 310.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118068/2-A

Matrix: Solid Lab File ID: vr475958.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) Date Analyzed: 07/01/2012 12:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	313		67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	314		67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475958.d
Lab Smp Id: LCS 460-118068/2
Inj Date : 01-JUL-2012 12:41
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-118068/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.036	2.056	-0.020	4257925	424.954	280	80.00- 120.00	100.00(M)
2.487	2.505	-0.018	8355387	473.776	320	139.33- 209.00	196.23
2.741	2.755	-0.014	5478988	487.733	320	80.83- 121.25	128.68
3.095	3.109	-0.014	20249305	498.806	330	326.20- 489.30	475.57
3.293	3.309	-0.016	7227717	484.702	320	109.87- 164.80	169.75
3.649	3.665	-0.016	7520393	487.452	320	112.76- 169.14	176.62
4.012	4.026	-0.014	7285912	481.749	320	113.57- 170.35	171.11
4.187	4.175	0.012	2687805	422.673	280	43.82- 65.73	63.12
Average of Peak Concentrations =					310		
27 Aroclor-1260					CAS #: 11096-82-5		
6.049	6.058	-0.009	12254345	494.306	330	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.501	6.509	-0.008	23820619	495.735	330	149.81- 224.72	194.39
6.942	6.950	-0.008	20946097	488.660	320	123.89- 185.83	170.93
7.142	7.150	-0.008	10990522	483.275	320	65.23- 97.84	89.69
7.577	7.586	-0.009	9630249	473.907	320	57.47- 86.20	78.59
8.856	8.865	-0.009	11471718	440.771	290	71.15- 106.72	93.61
9.076	9.084	-0.008	7057726	466.336	310	39.48- 59.22	57.59
10.129	10.134	-0.005	5575160	426.445	280	33.88- 50.81	45.50
		Average of Peak Concentrations =			310		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.617	-0.004	16856192	41.5663	28	80.00- 120.00	100.00

QC Flag Legend

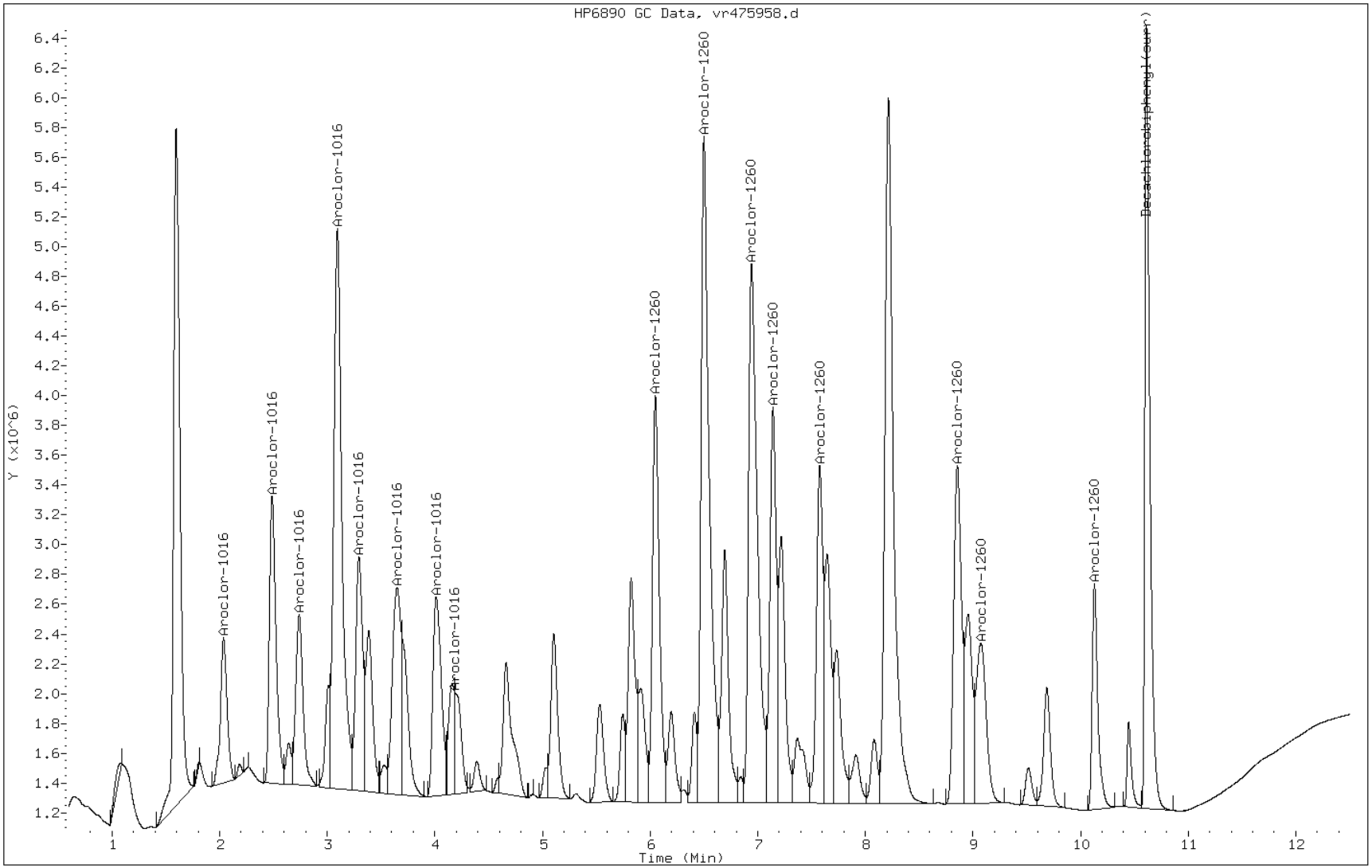
M - Compound response manually integrated.

Data File: vr475958.d

Date: 01-JUL-2012 12:41

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-118068/2 Operator: 615



Manual Integration Report

Data File: vr475958.d
Inj. Date and Time: 01-JUL-2012 12:41
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

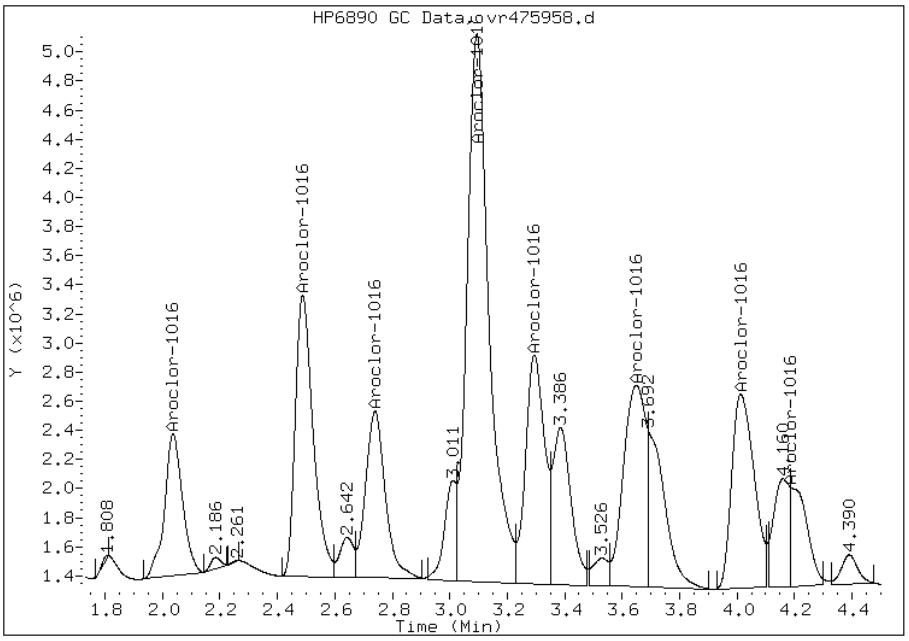
Manual Integration Results

RT: 2.04

Response: 4257925

Amount: 470.23

Conc: 310.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118069/2-A

Matrix: Solid Lab File ID: vf475989.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*360*		*67*	*13*
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	368		67	7.5
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475989.d
Lab Smp Id: LCS 460-118069/2-a
Inj Date : 02-JUL-2012 04:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-118069/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.769	2.781	-0.012	4860645	507.411	340	80.00- 120.00	100.00(M)
3.399	3.413	-0.014	9796030	469.257	310	176.68- 265.03	201.54
3.806	3.853	-0.047	0			71.90- 107.85	0.00
4.240	4.256	-0.016	32727006	852.914	570	320.80- 481.20	673.31
4.494	4.504	-0.010	7629237	455.516	300	140.97- 211.45	156.96
4.936	4.944	-0.008	5200578	470.739	310	91.80- 137.70	106.99
5.325	5.334	-0.009	5562752	444.467	300	104.36- 156.55	114.44
5.530	5.544	-0.014	7004492	582.969	390	102.42- 153.62	144.11
		Average of Peak Concentrations =			360		
27 Aroclor-1260					CAS #: 11096-82-5		
7.508	7.514	-0.006	14564746	535.563	360	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.945	7.948	-0.003	14450167	463.352	310	91.40- 137.10	99.21
8.745	8.752	-0.007	24011866	551.322	370	128.38- 192.57	164.86
8.993	8.999	-0.006	11549432	547.924	360	61.78- 92.67	79.30
9.133	9.141	-0.008	6662803	572.453	380	33.86- 50.80	45.75
9.678	9.684	-0.006	10863848	538.773	360	60.47- 90.71	74.59
10.523	10.526	-0.003	14539577	619.778	410	67.71- 101.56	99.83
11.017	11.024	-0.007	5470009	582.988	390	27.70- 41.55	37.56
		Average of Peak Concentrations =			370		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.458	11.473	-0.015	20392376	56.2552	38	80.00- 120.00	100.00

QC Flag Legend

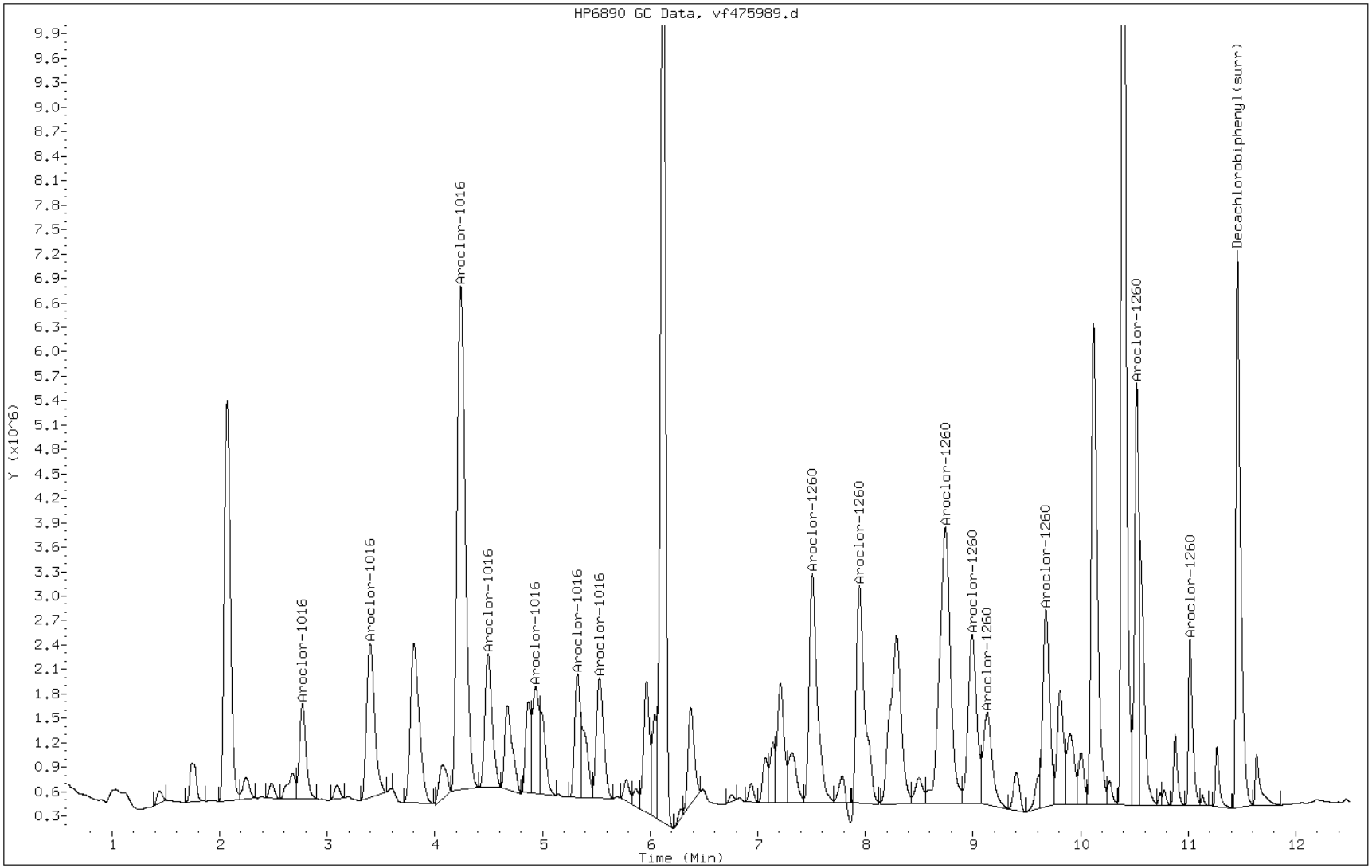
M - Compound response manually integrated.

Data File: vf475989.d

Date: 02-JUL-2012 04:11

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-118069/2-a Operator: 615



Manual Integration Report

Data File: vf475989.d
Inj. Date and Time: 02-JUL-2012 04:11
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

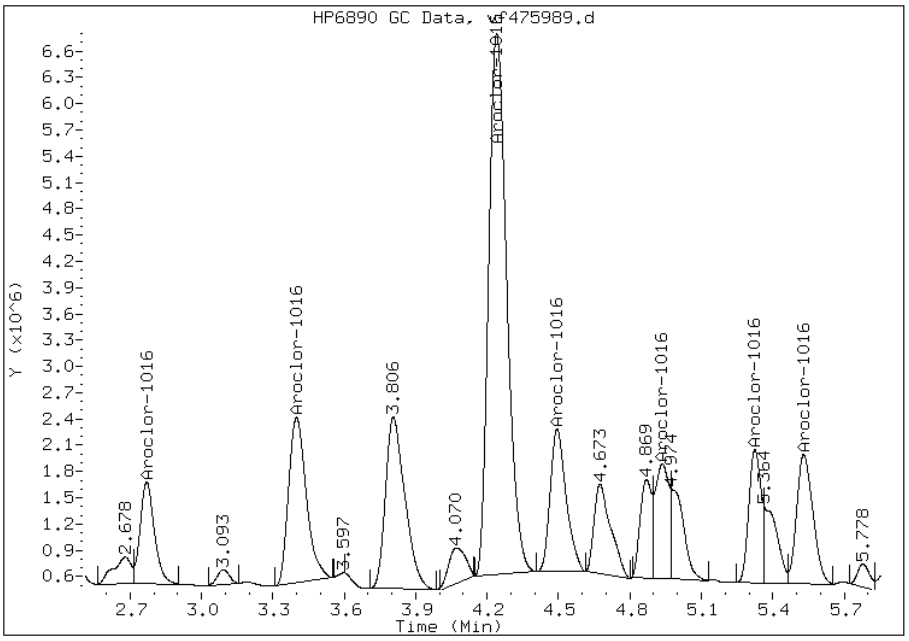
Manual Integration Results

RT: 2.77

Response: 4860645

Amount: 540.47

Conc: 360.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475989.d
Inj. Date and Time: 02-JUL-2012 04:11
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

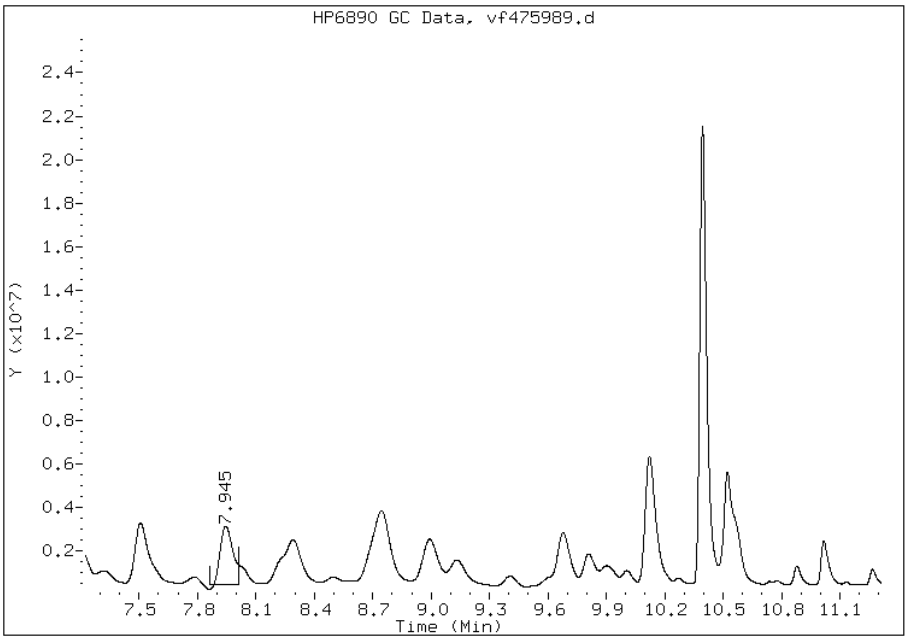
Processing Integration Results

RT: 7.95

Response: 11643358

Amount: 540.27

Conc: 360.00



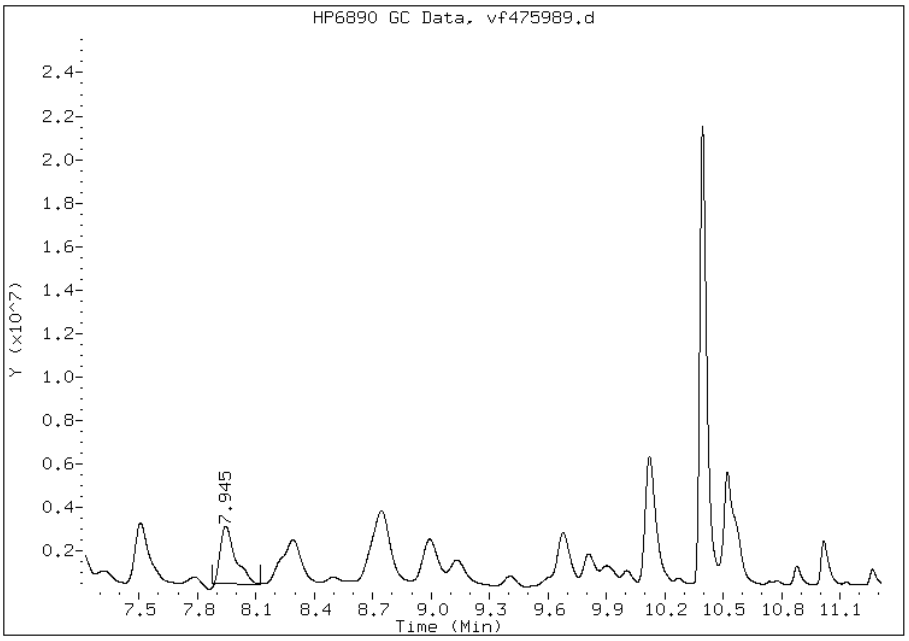
Manual Integration Results

RT: 7.95

Response: 14450167

Amount: 551.52

Conc: 370.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-118069/2-A

Matrix: Solid Lab File ID: vr475989.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.00(g) Date Analyzed: 07/02/2012 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	457		67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	*Aroclor 1260*	*358*		*67*	*7.5*
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

Data File: vr475989.d
Report Date: 02-Jul-2012 10:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475989.d
Lab Smp Id: LCS 460-118069/2-a
Inj Date : 02-JUL-2012 04:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-118069/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.035	2.056	-0.021	8458694	844.203	560	80.00- 120.00	100.00(M)
2.493	2.505	-0.012	9460256	536.426	360	139.33- 209.00	111.84
2.744	2.755	-0.011	6056661	539.156	360	80.83- 121.25	71.60
3.092	3.109	-0.017	0			326.20- 489.30	0.00
3.298	3.309	-0.011	8437007	565.799	380	109.87- 164.80	99.74
3.651	3.665	-0.014	8200721	531.549	350	112.76- 169.14	96.95
4.017	4.026	-0.009	8084649	534.562	360	113.57- 170.35	95.58
4.197	4.175	0.022	7913243	1244.40	830	43.82- 65.73	93.55
		Average of Peak Concentrations =			460		
27 Aroclor-1260					CAS #: 11096-82-5		
6.053	6.058	-0.005	14186488	572.244	380	80.00- 120.00	100.00(M)

Data File: vr475989.d
Report Date: 02-Jul-2012 10:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.509	-0.005	27080744	563.582	380	149.81- 224.72	190.89
6.946	6.950	-0.004	23004855	536.690	360	123.89- 185.83	162.16
7.149	7.150	-0.001	7869196	346.024	230	65.23- 97.84	55.47
7.582	7.586	-0.004	11126048	547.515	360	57.47- 86.20	78.43
8.858	8.865	-0.007	16944992	651.067	430	71.15- 106.72	119.44
9.078	9.084	-0.006	8761770	578.930	380	39.48- 59.22	61.76
10.132	10.134	-0.002	6553410	501.272	330	33.88- 50.81	46.19
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.617	-0.002	24918301	61.4469	41	80.00- 120.00	100.00

QC Flag Legend

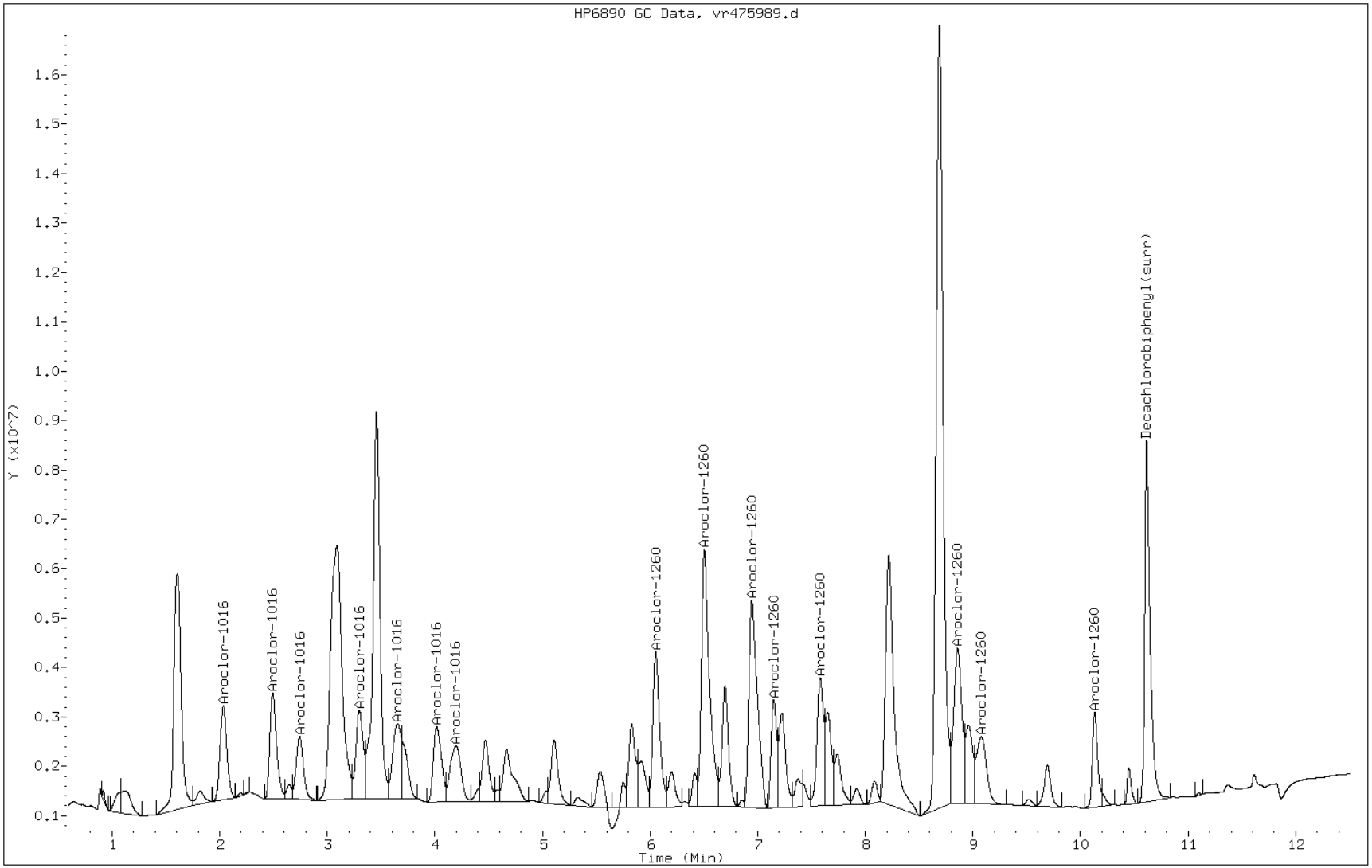
M - Compound response manually integrated.

Data File: vr475989.d

Date: 02-JUL-2012 04:11

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-118069/2-a Operator: 615



Manual Integration Report

Data File: vr475989.d
Inj. Date and Time: 02-JUL-2012 04:11
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

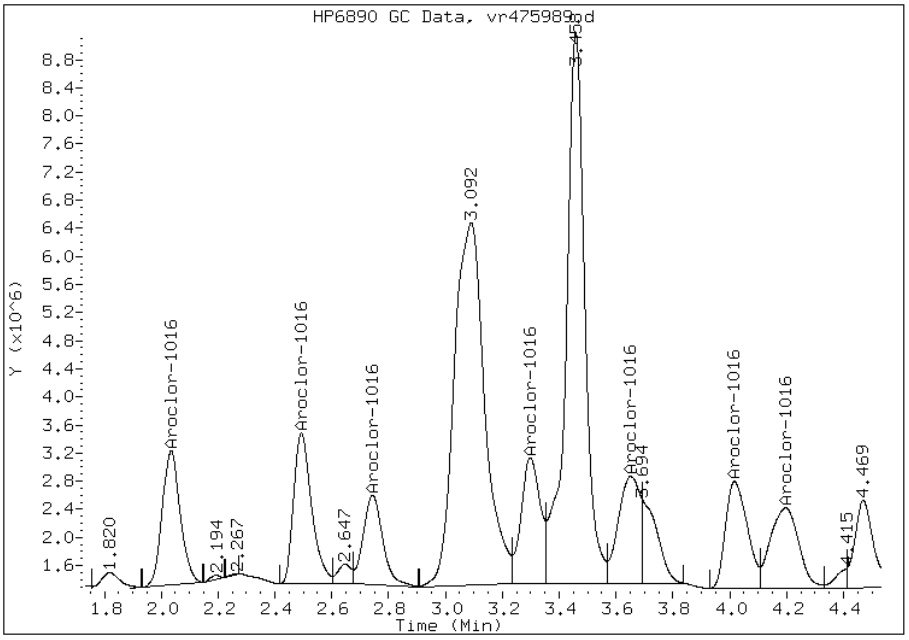
Manual Integration Results

RT: 2.04

Response: 8458694

Amount: 685.16

Conc: 460.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vr475989.d
Inj. Date and Time: 02-JUL-2012 04:11
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 6.06

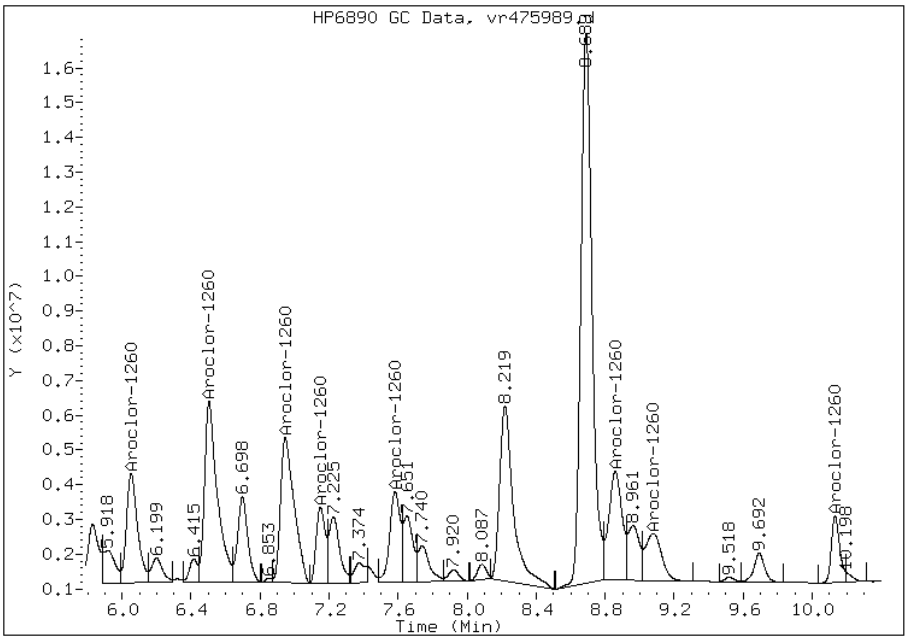
Manual Integration Results

RT: 6.05

Response: 14186488

Amount: 537.17

Conc: 360.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: vf475959.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) | Date Analyzed: 07/01/2012 12:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	179		79	15
11104-28-2	*Aroclor 1221*	*24*	*U*	*79*	*24*
11141-16-5	*Aroclor 1232*	*45*	*U*	*79*	*45*
53469-21-9	*Aroclor 1242*	*15*	*U*	*79*	*15*
12672-29-6	*Aroclor 1248*	*21*	*U*	*79*	*21*
11097-69-1	*Aroclor 1254*	*27*	*U*	*79*	*27*
11096-82-5	*Aroclor 1260*	*182*		*79*	*8.8*
37324-23-5	*Aroclor 1262*	*14*	*U*	*79*	*14*
11100-14-4	*Aroclor 1268*	*14*	*U*	*79*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50		30-150

Data File: vf475959.d
Report Date: 02-Jul-2012 12:41

TestAmerica

GC ORGANICS QUANTITATION REPORT
Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475959.d
Lab Smp Id: 460-41730-E-5-D MS
Inj Date : 01-JUL-2012 12:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-D MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.765	2.781	-0.016	2221267	231.882	150	80.00- 120.00	100.00(M)
3.395	3.413	-0.018	4857122	232.670	160	176.68- 265.03	218.66
3.837	3.853	-0.016	2071853	240.667	160	71.90- 107.85	93.27
4.243	4.256	-0.013	9458379	246.499	160	320.80- 481.20	425.81
4.490	4.504	-0.014	4223734	252.185	170	140.97- 211.45	190.15
4.933	4.944	-0.011	2381933	215.605	140	91.80- 137.70	107.23
5.322	5.334	-0.012	2709980	216.529	140	104.36- 156.55	122.00
5.531	5.544	-0.013	2145822	178.592	120	102.42- 153.62	96.60
Average of Peak Concentrations =					150		
27 Aroclor-1260					CAS #: 11096-82-5		
7.505	7.514	-0.009	6639842	244.155	160	80.00- 120.00	100.00(M)

Data File: vf475959.d
Report Date: 02-Jul-2012 12:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.938	7.948	-0.010	7451346	238.931	160	91.40- 137.10	112.22
8.742	8.752	-0.010	10032692	230.355	150	128.38- 192.57	151.10
8.989	8.999	-0.010	4958196	235.225	160	61.78- 92.67	74.67
9.127	9.141	-0.014	2663925	228.878	150	33.86- 50.80	40.12
9.675	9.684	-0.009	4769632	236.541	160	60.47- 90.71	71.83
10.521	10.526	-0.005	5456886	232.611	160	67.71- 101.56	82.18
11.017	11.024	-0.007	1910363	203.605	140	27.70- 41.55	28.77
Average of Peak Concentrations =					150		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.465	11.473	-0.008	9098165	25.0986	17	80.00- 120.00	100.00

QC Flag Legend

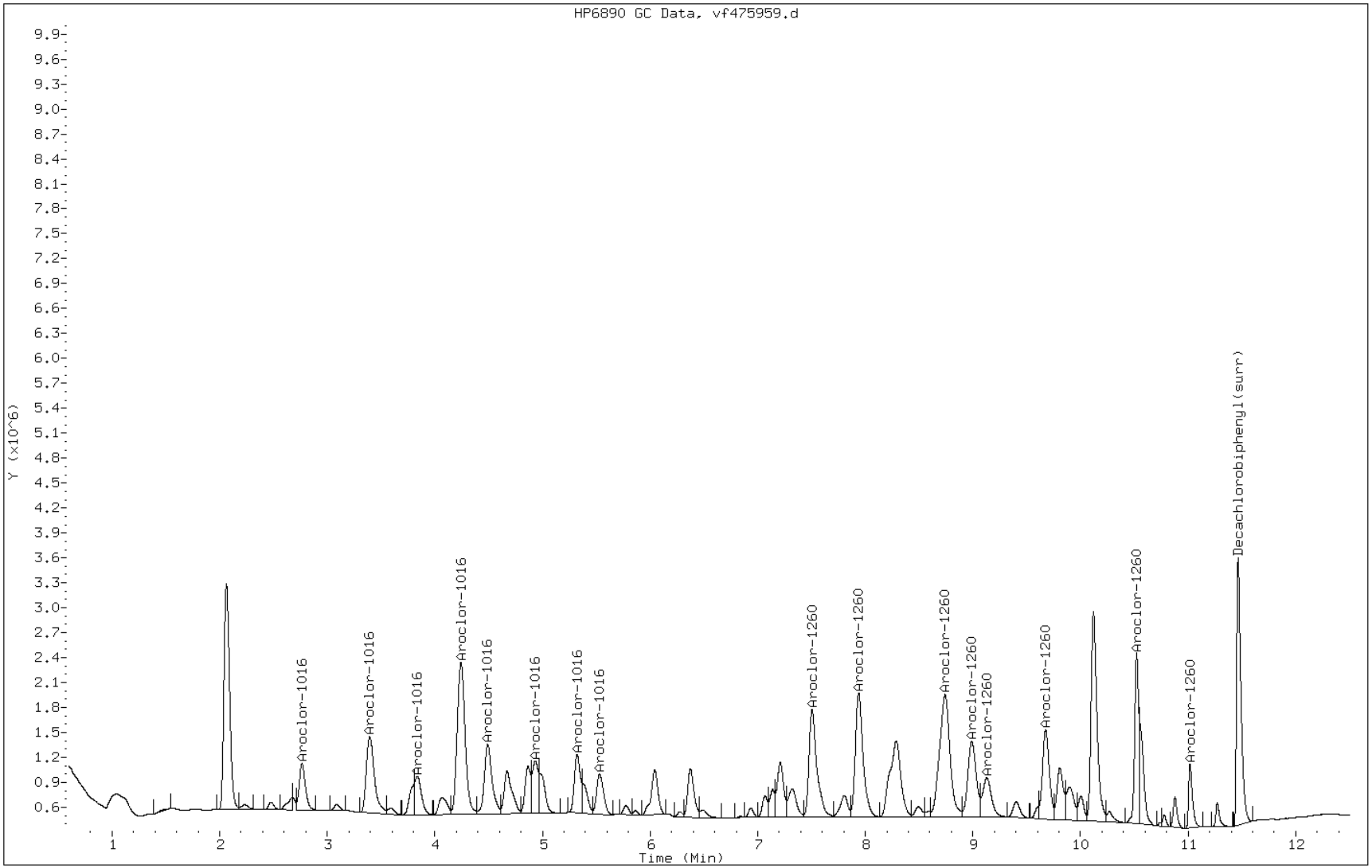
M - Compound response manually integrated.

Data File: vf475959.d

Date: 01-JUL-2012 12:57

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-D MS Operator: 615



Manual Integration Report

Data File: vf475959.d
Inj. Date and Time: 01-JUL-2012 12:57
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

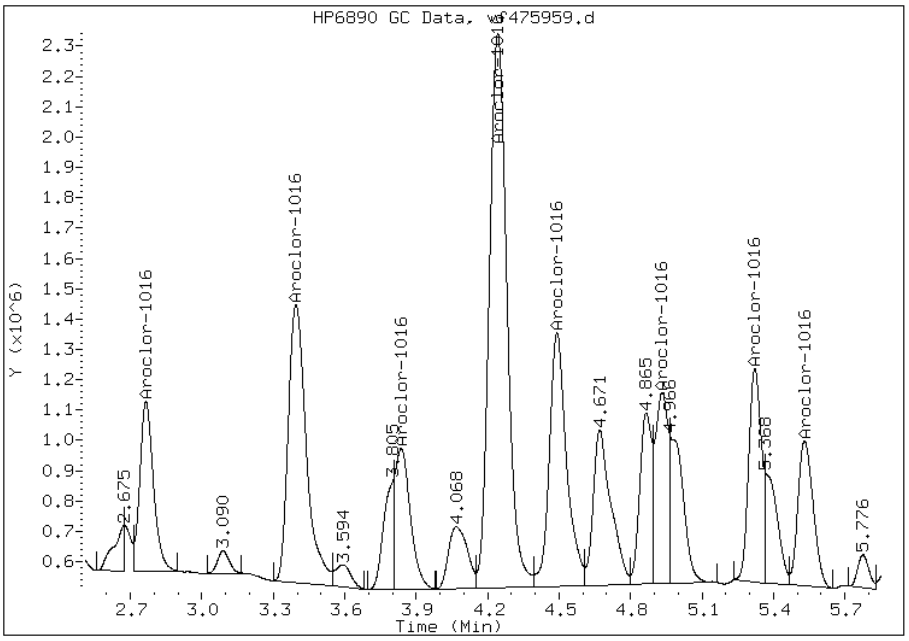
Manual Integration Results

RT: 2.77

Response: 2221267

Amount: 226.83

Conc: 150.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475959.d
Inj. Date and Time: 01-JUL-2012 12:57
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

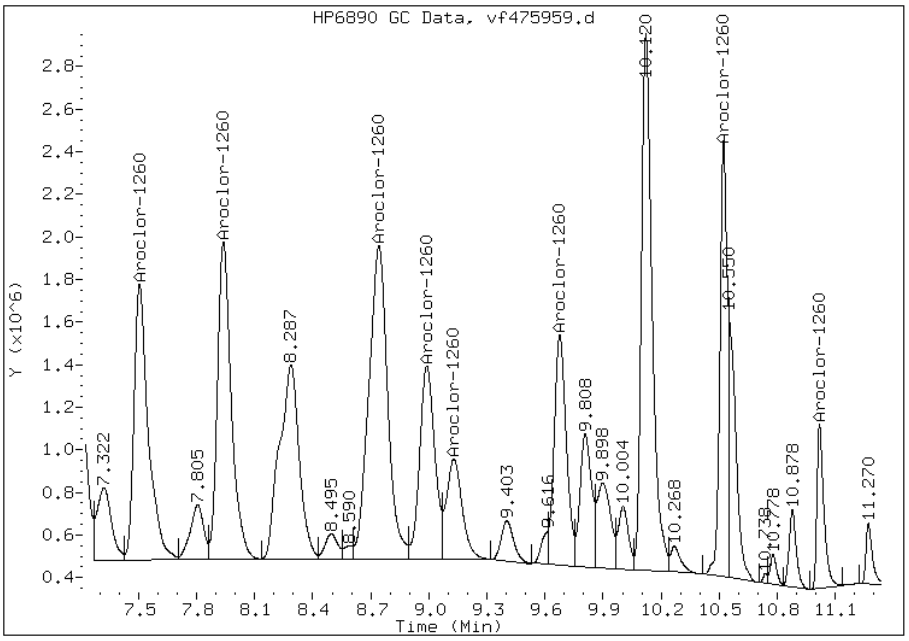
Manual Integration Results

RT: 7.51

Response: 6639842

Amount: 231.29

Conc: 150.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MS | Lab Sample ID: 460-41730-5 MS

Matrix: Solid | Lab File ID: vr475959.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.02(g) | Date Analyzed: 07/01/2012 12:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*178*		*79*	*15*
11104-28-2	Aroclor 1221	24	U	79	24
11141-16-5	Aroclor 1232	45	U	79	45
53469-21-9	Aroclor 1242	15	U	79	15
12672-29-6	Aroclor 1248	21	U	79	21
11097-69-1	Aroclor 1254	27	U	79	27
11096-82-5	Aroclor 1260	183		79	8.8
37324-23-5	Aroclor 1262	14	U	79	14
11100-14-4	Aroclor 1268	14	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475959.d
Lab Smp Id: 460-41730-E-5-D MS
Inj Date : 01-JUL-2012 12:57
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-D MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.038	2.056	-0.018	2081067	207.697	140	80.00- 120.00	100.00(M)
2.488	2.505	-0.017	4128090	234.075	160	139.33- 209.00	198.36
2.739	2.755	-0.016	2398062	213.472	140	80.83- 121.25	115.23
3.095	3.109	-0.014	10495217	258.531	170	326.20- 489.30	504.32
3.294	3.309	-0.015	3486434	233.806	160	109.87- 164.80	167.53
3.648	3.665	-0.017	3507585	227.352	150	112.76- 169.14	168.55
4.013	4.026	-0.013	3540486	234.099	160	113.57- 170.35	170.13
4.189	4.175	0.014	1231186	193.611	130	43.82- 65.73	59.16
Average of Peak Concentrations =					150		
27 Aroclor-1260					CAS #: 11096-82-5		
6.050	6.058	-0.008	6100302	246.069	160	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.502	6.509	-0.007	11846352	246.536	160	149.81- 224.72	194.19
6.944	6.950	-0.006	10295573	240.190	160	123.89- 185.83	168.77
7.144	7.150	-0.006	5343578	234.968	160	65.23- 97.84	87.60
7.579	7.586	-0.007	4753462	233.919	160	57.47- 86.20	77.92
8.857	8.865	-0.008	5747072	220.816	150	71.15- 106.72	94.21
9.075	9.084	-0.009	3439861	227.287	150	39.48- 59.22	56.39
10.130	10.134	-0.004	2690435	205.792	140	33.88- 50.81	44.10
		Average of Peak Concentrations =			150		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.614	10.617	-0.003	10545181	26.0037	17	80.00- 120.00	100.00

QC Flag Legend

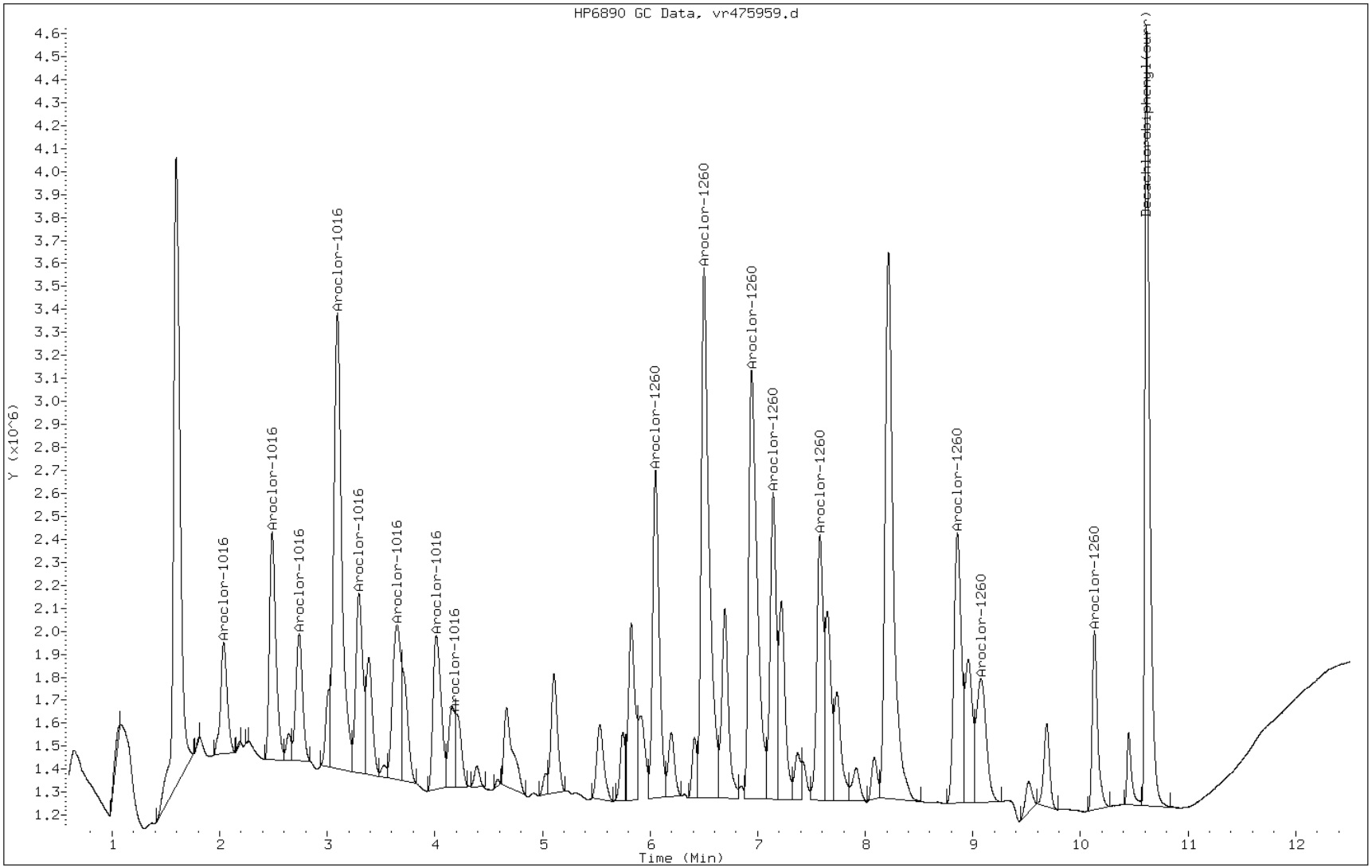
M - Compound response manually integrated.

Data File: vr475959.d

Date: 01-JUL-2012 12:57

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-D MS Operator: 615



Manual Integration Report

Data File: vr475959.d
Inj. Date and Time: 01-JUL-2012 12:57
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

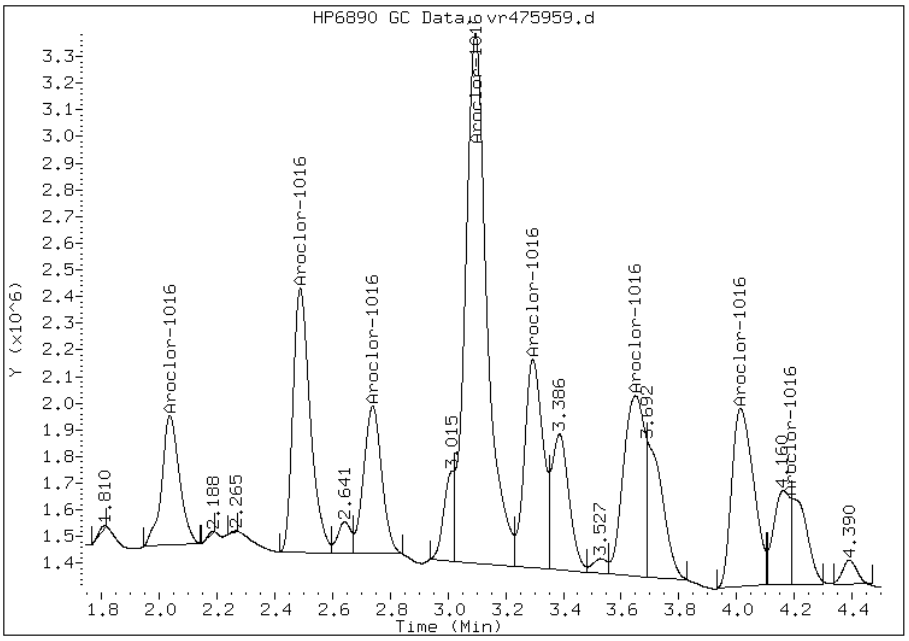
Manual Integration Results

RT: 2.04

Response: 2081067

Amount: 225.33

Conc: 150.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: vf475990.d

Analysis Method: 8082 | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 04:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	340		170	32
11104-28-2	*Aroclor 1221*	*51*	*U*	*170*	*51*
11141-16-5	*Aroclor 1232*	*96*	*U*	*170*	*96*
53469-21-9	*Aroclor 1242*	*32*	*U*	*170*	*32*
12672-29-6	*Aroclor 1248*	*45*	*U*	*170*	*45*
11097-69-1	*Aroclor 1254*	*58*	*U*	*170*	*58*
11096-82-5	Aroclor 1260	252		170	19
37324-23-5	*Aroclor 1262*	*29*	*U*	*170*	*29*
11100-14-4	*Aroclor 1268*	*29*	*U*	*170*	*29*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	31		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475990.d
Lab Smp Id: 460-41730-E-17-D ms
Inj Date : 02-JUL-2012 04:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-D ms
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.768	2.781	-0.013	1362886	142.274	95	80.00- 120.00	100.00(M)
3.396	3.413	-0.017	4567741	218.808	140	176.68- 265.03	335.15
3.802	3.853	-0.051	2502145	290.650	190	71.90- 107.85	183.59
4.237	4.256	-0.019	13653515	355.831	240	320.80- 481.20	1001.81
4.490	4.504	-0.014	2643909	157.859	100	140.97- 211.45	193.99
4.933	4.944	-0.011	1514899	137.123	91	91.80- 137.70	111.15
5.324	5.334	-0.010	1946837	155.553	100	104.36- 156.55	142.85
5.526	5.544	-0.018	1989829	165.609	110	102.42- 153.62	146.00
Average of Peak Concentrations =					140		
27 Aroclor-1260					CAS #: 11096-82-5		
7.507	7.514	-0.007	5627682	206.937	140	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.942	7.948	-0.006	4536486	145.465	97	91.40- 137.10	80.61
8.746	8.752	-0.006	6731080	154.548	100	128.38- 192.57	119.61
8.991	8.999	-0.008	3314989	157.268	100	61.78- 92.67	58.91
9.129	9.141	-0.012	1896863	162.974	110	33.86- 50.80	33.71
9.677	9.684	-0.007	1490513	73.9192	49	60.47- 90.71	26.49
10.522	10.526	-0.004	3337910	142.285	95	67.71- 101.56	59.31
11.017	11.024	-0.007	1485166	158.288	100	27.70- 41.55	26.39
Average of Peak Concentrations =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.461	11.473	-0.012	5653152	15.5950	10	80.00- 120.00	100.00(aR)

QC Flag Legend

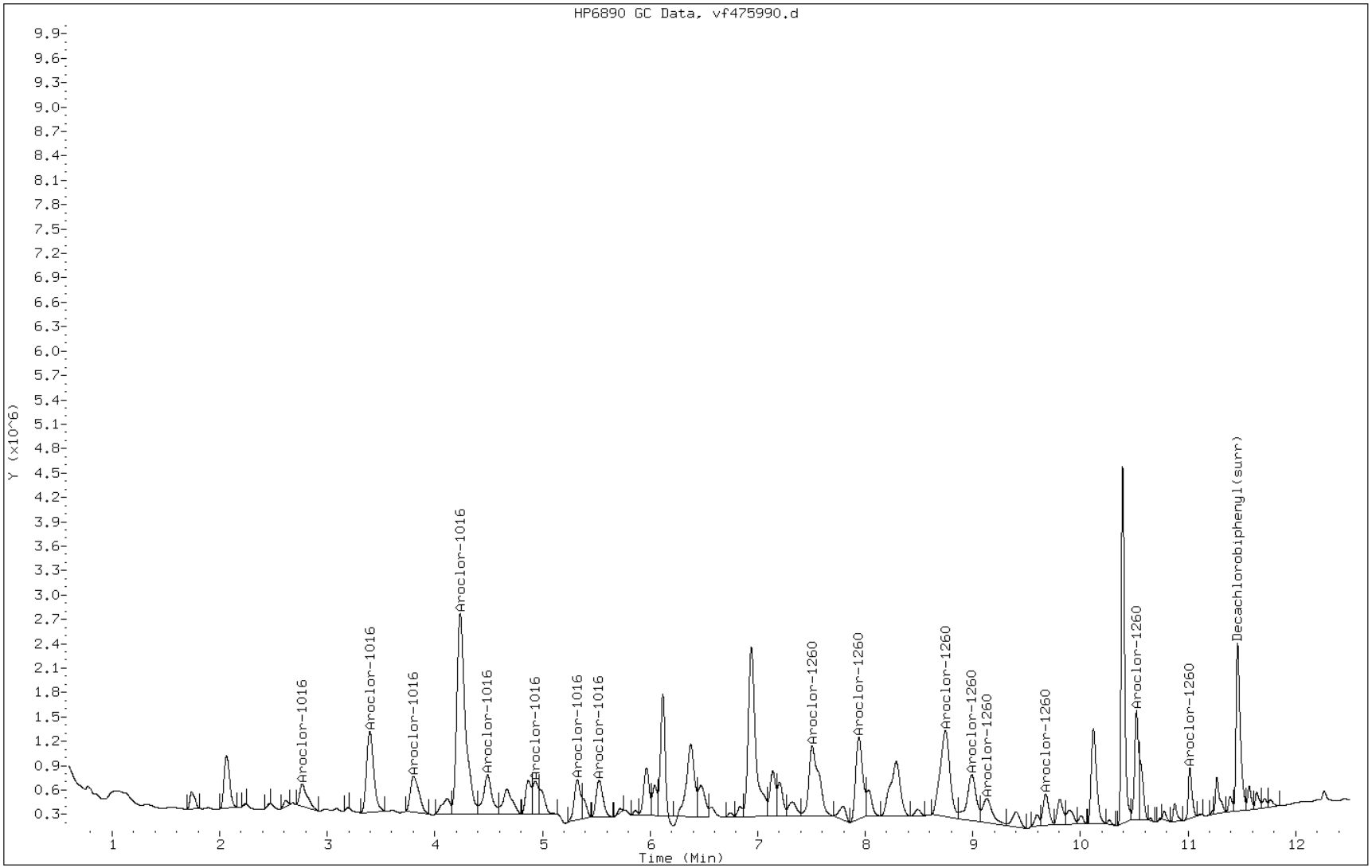
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475990.d

Date: 02-JUL-2012 04:27

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-D ms Operator: 615



Manual Integration Report

Data File: vf475990.d
Inj. Date and Time: 02-JUL-2012 04:27
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

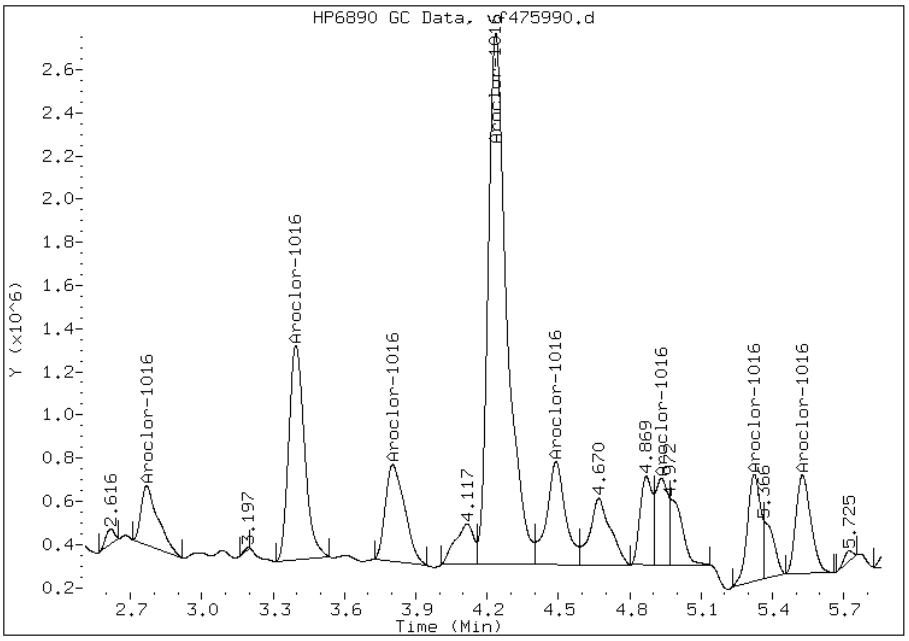
Manual Integration Results

RT: 2.77

Response: 1362886

Amount: 202.96

Conc: 140.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475990.d
Inj. Date and Time: 02-JUL-2012 04:27
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

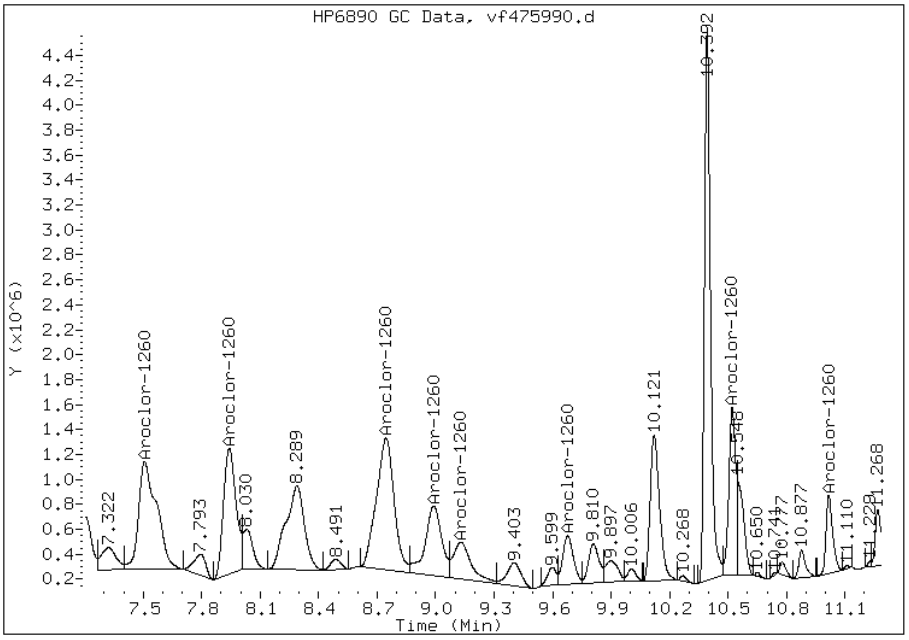
Manual Integration Results

RT: 7.51

Response: 5627682

Amount: 150.21

Conc: 100.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MS | Lab Sample ID: 460-41730-17 MS

Matrix: Solid | Lab File ID: vr475990.d

Analysis Method: 8082 | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2012 04:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*321*		*170*	*32*
11104-28-2	Aroclor 1221	51	U	170	51
11141-16-5	Aroclor 1232	96	U	170	96
53469-21-9	Aroclor 1242	32	U	170	32
12672-29-6	Aroclor 1248	45	U	170	45
11097-69-1	Aroclor 1254	58	U	170	58
11096-82-5	*Aroclor 1260*	*276*		*170*	*19*
37324-23-5	Aroclor 1262	29	U	170	29
11100-14-4	Aroclor 1268	29	U	170	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	29	*X*	30-150

Data File: vr475990.d
Report Date: 02-Jul-2012 09:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475990.d
Lab Smp Id: 460-41730-E-17-D ms
Inj Date : 02-JUL-2012 04:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-D ms
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.030	2.056	-0.026	2495490	249.057	170	80.00- 120.00	100.00(M)
2.490	2.505	-0.015	2385709	135.277	90	139.33- 209.00	95.60
2.741	2.755	-0.014	1509615	134.384	90	80.83- 121.25	60.49
3.054	3.109	-0.055	0			326.20- 489.30	0.00
3.298	3.309	-0.011	2810798	188.497	120	109.87- 164.80	112.64
3.688	3.665	0.023	2240340	145.213	97	112.76- 169.14	89.78
4.012	4.026	-0.014	2825733	186.839	120	113.57- 170.35	113.23
4.204	4.175	0.029	1925698	302.827	200	43.82- 65.73	77.17
		Average of Peak Concentrations =			130		
27 Aroclor-1260					CAS #: 11096-82-5		
6.052	6.058	-0.006	4338137	174.989	120	80.00- 120.00	100.00(M)

Data File: vr475990.d
Report Date: 02-Jul-2012 09:01

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.503	6.509	-0.006	10156809	211.375	140	149.81- 224.72	234.13
6.945	6.950	-0.005	9403449	219.377	150	123.89- 185.83	216.76
7.147	7.150	-0.003	3123911	137.365	92	65.23- 97.84	72.01
7.579	7.586	-0.007	3106902	152.891	100	57.47- 86.20	71.62
8.858	8.865	-0.007	3710254	142.557	95	71.15- 106.72	85.53
9.076	9.084	-0.008	2288759	151.229	100	39.48- 59.22	52.76
10.132	10.134	-0.002	1667244	127.528	85	33.88- 50.81	38.43
Average of Peak Concentrations =					110		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.617	-0.002	5934536	14.6342	9.8	80.00- 120.00	100.00(aR)

QC Flag Legend

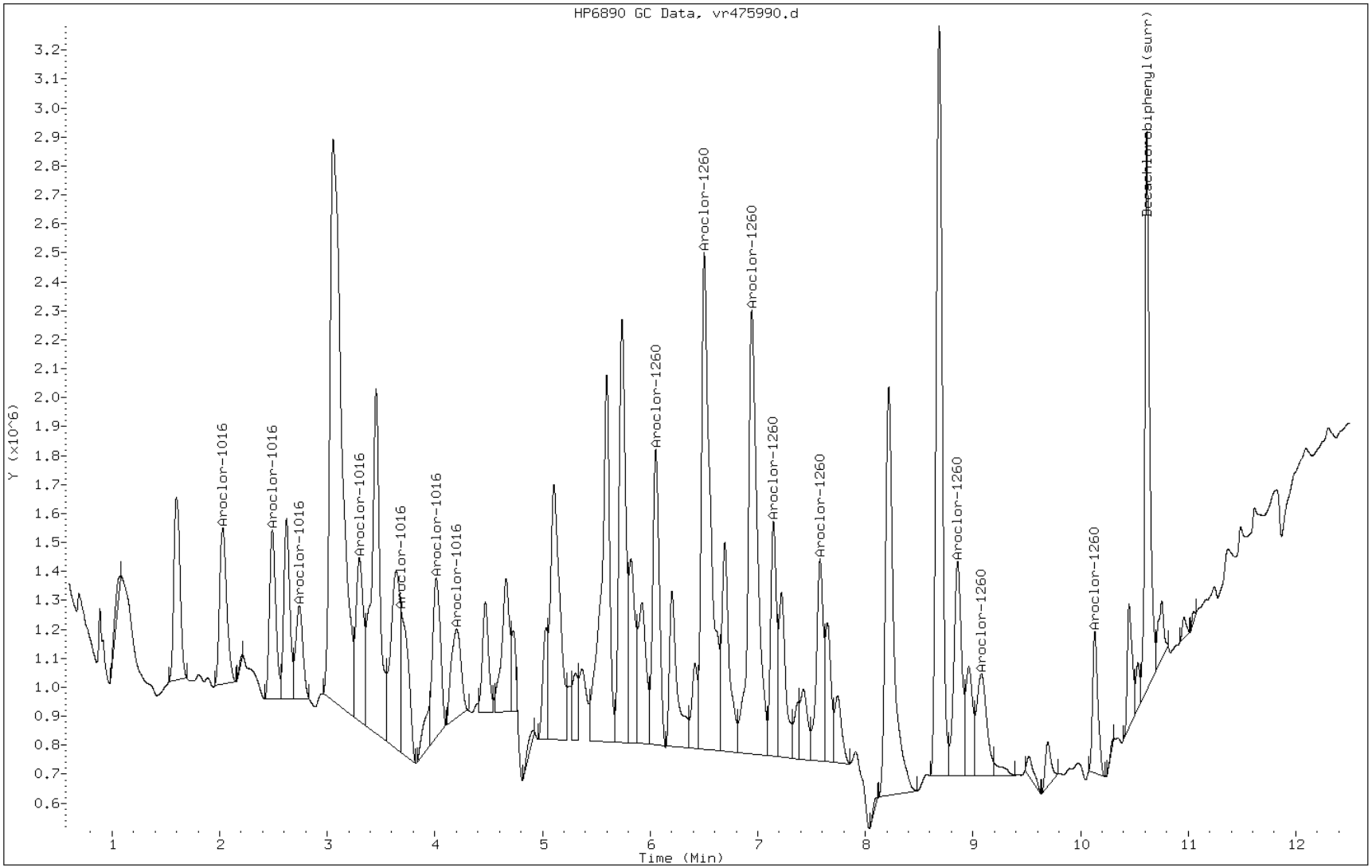
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475990.d

Date: 02-JUL-2012 04:27

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-D ms Operator: 615



Manual Integration Report

Data File: vr475990.d
Inj. Date and Time: 02-JUL-2012 04:27
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

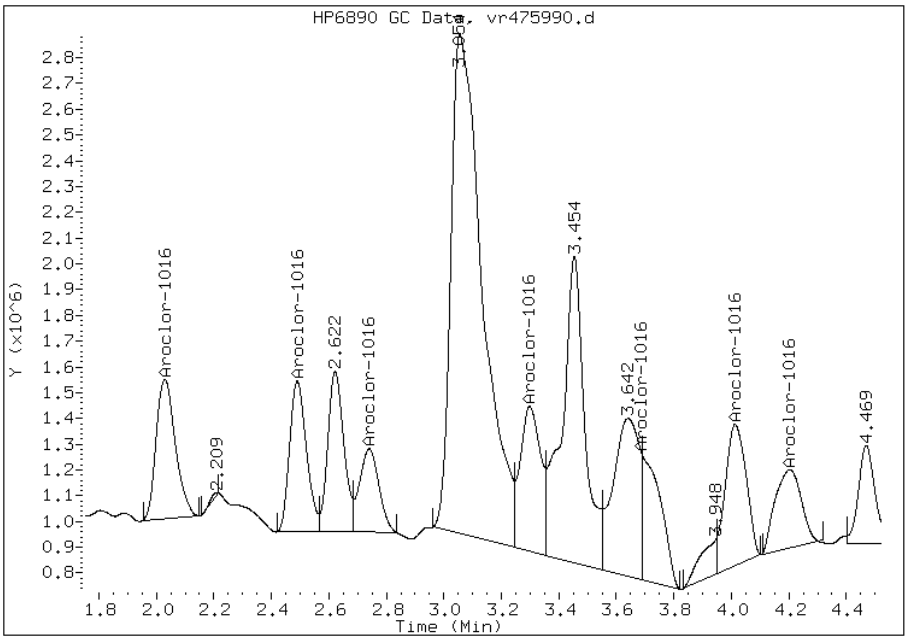
Manual Integration Results

RT: 2.03

Response: 2495490

Amount: 191.73

Conc: 130.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vr475990.d
Inj. Date and Time: 02-JUL-2012 04:27
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

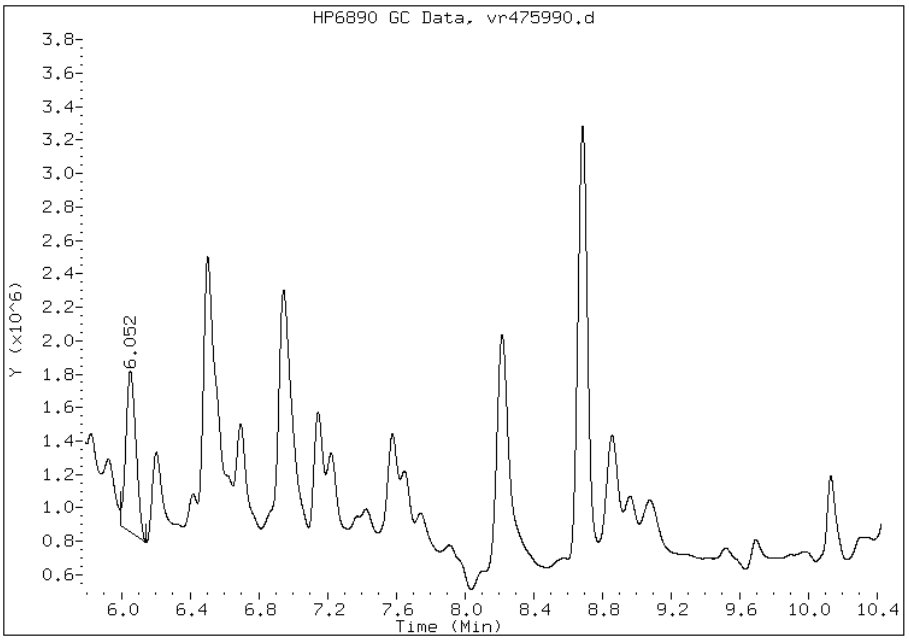
Processing Integration Results

RT: 6.05

Response: 3951392

Amount: 156.06

Conc: 100.00



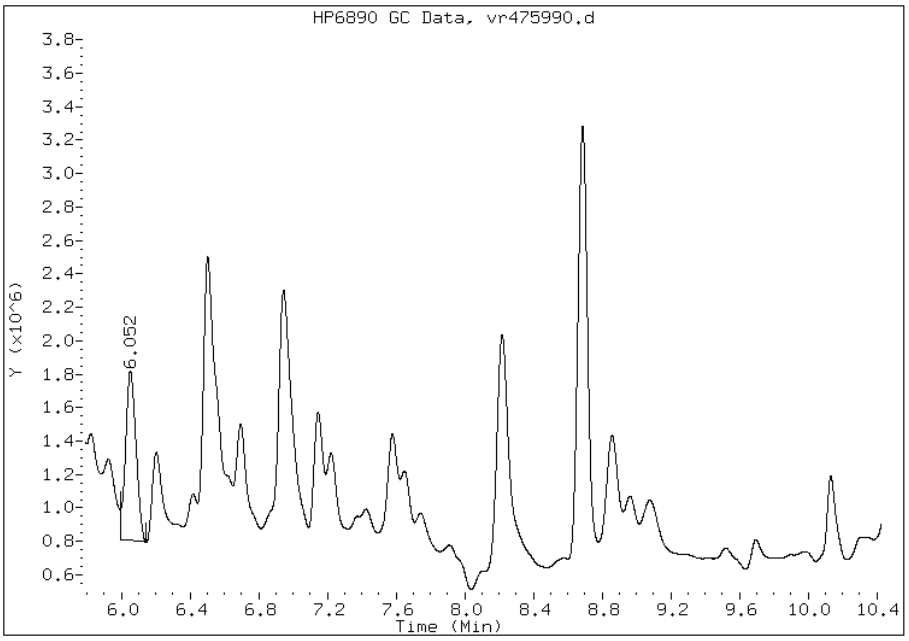
Manual Integration Results

RT: 6.05

Response: 4338137

Amount: 164.66

Conc: 110.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: vf475960.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2012 13:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	190		79	15
11104-28-2	*Aroclor 1221*	*24*	*U*	*79*	*24*
11141-16-5	*Aroclor 1232*	*45*	*U*	*79*	*45*
53469-21-9	*Aroclor 1242*	*15*	*U*	*79*	*15*
12672-29-6	*Aroclor 1248*	*21*	*U*	*79*	*21*
11097-69-1	*Aroclor 1254*	*27*	*U*	*79*	*27*
11096-82-5	*Aroclor 1260*	*195*		*79*	*8.9*
37324-23-5	*Aroclor 1262*	*14*	*U*	*79*	*14*
11100-14-4	*Aroclor 1268*	*14*	*U*	*79*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	54		30-150

Data File: vf475960.d
Report Date: 02-Jul-2012 12:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/vf475960.d
Lab Smp Id: 460-41730-E-5-E msd
Inj Date : 01-JUL-2012 13:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-E msd
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-01-12/01jul12d.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 76
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.767	2.781	-0.014	2340745	244.354	160	80.00- 120.00	100.00(M)
3.398	3.413	-0.015	5075809	243.146	160	176.68- 265.03	216.85
3.839	3.853	-0.014	2311201	268.470	180	71.90- 107.85	98.74
4.245	4.256	-0.011	9765837	254.512	170	320.80- 481.20	417.21
4.492	4.504	-0.012	4379597	261.491	170	140.97- 211.45	187.10
4.934	4.944	-0.010	2456025	222.311	150	91.80- 137.70	104.92
5.324	5.334	-0.010	2970480	237.343	160	104.36- 156.55	126.90
5.533	5.544	-0.011	2400123	199.757	130	102.42- 153.62	102.54
Average of Peak Concentrations =					160		
27 Aroclor-1260					CAS #: 11096-82-5		
7.507	7.514	-0.007	6988962	256.993	170	80.00- 120.00	100.00(M)

Data File: vf475960.d
Report Date: 02-Jul-2012 12:42

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.939	7.948	-0.009	7852866	251.806	170	91.40- 137.10	112.36
8.743	8.752	-0.009	10789677	247.735	160	128.38- 192.57	154.38
8.990	8.999	-0.009	5244271	248.797	160	61.78- 92.67	75.04
9.130	9.141	-0.011	2781564	238.986	160	33.86- 50.80	39.80
9.677	9.684	-0.007	5022905	249.102	170	60.47- 90.71	71.87
10.522	10.526	-0.004	6068968	258.702	170	67.71- 101.56	86.84
11.017	11.024	-0.007	2089226	222.668	150	27.70- 41.55	29.89
		Average of Peak Concentrations =			160		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.465	11.473	-0.008	9866390	27.2178	18	80.00- 120.00	100.00

QC Flag Legend

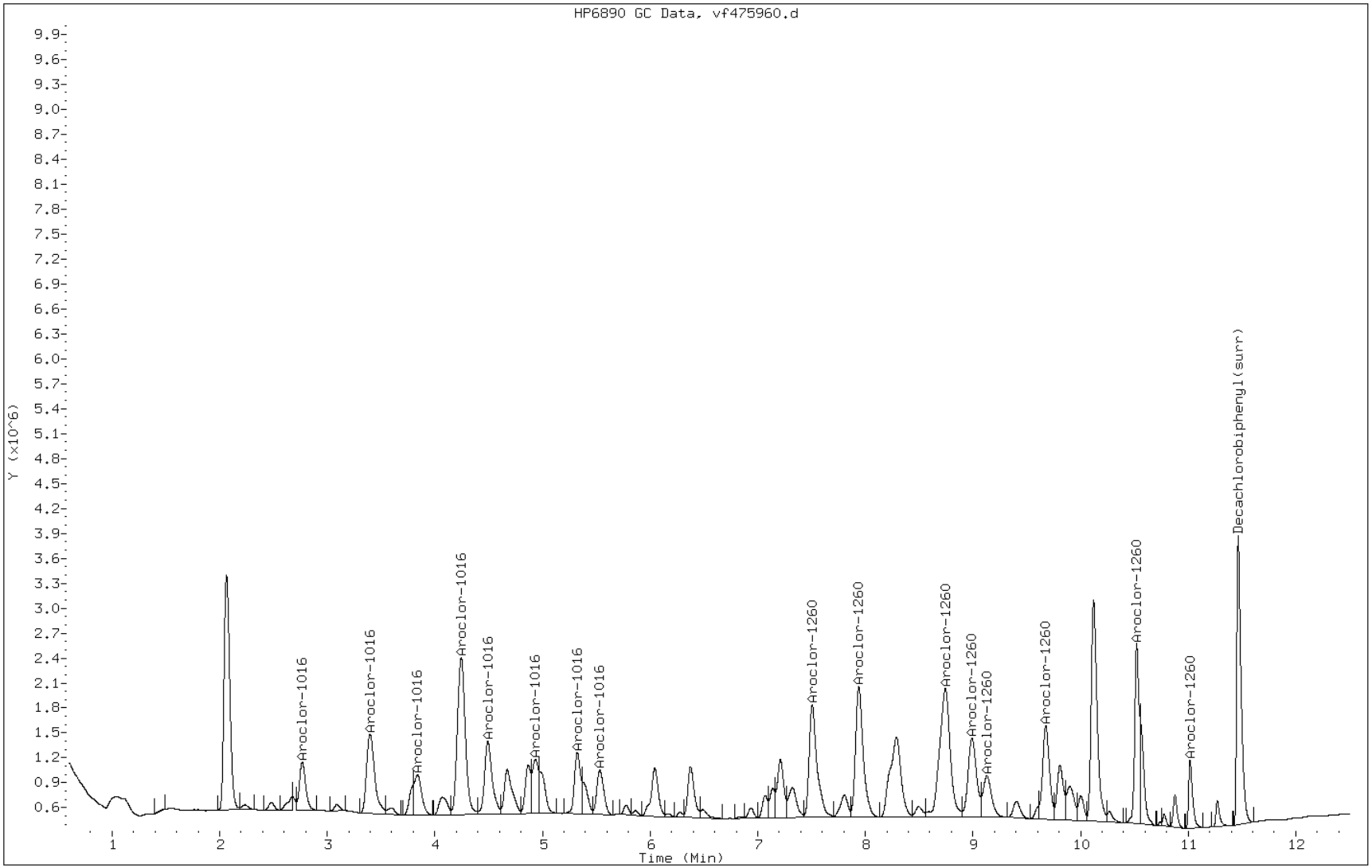
M - Compound response manually integrated.

Data File: vf475960.d

Date: 01-JUL-2012 13:13

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-E msd Operator: 615



Manual Integration Report

Data File: vf475960.d
Inj. Date and Time: 01-JUL-2012 13:13
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

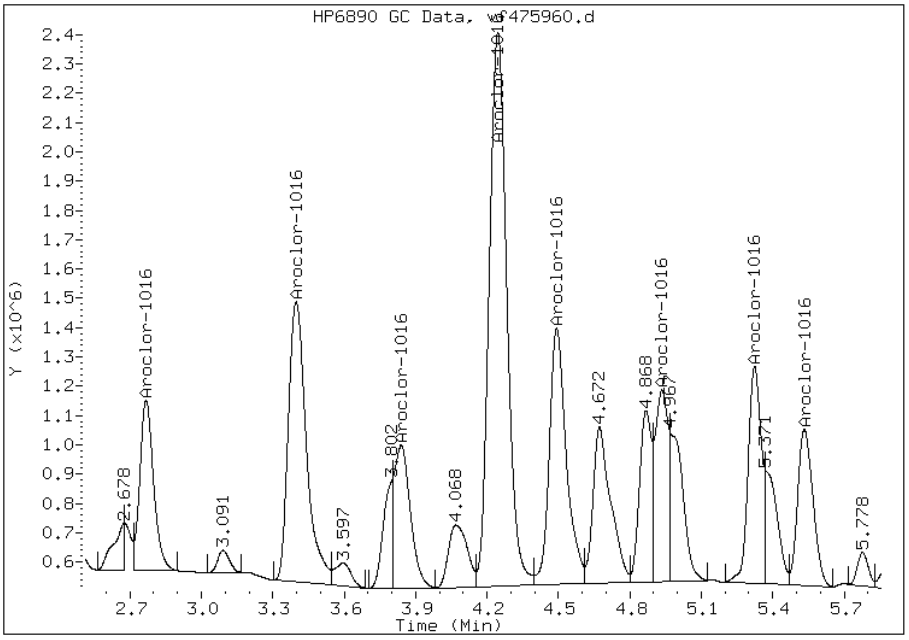
Manual Integration Results

RT: 2.77

Response: 2340745

Amount: 241.42

Conc: 160.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475960.d
Inj. Date and Time: 01-JUL-2012 13:13
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

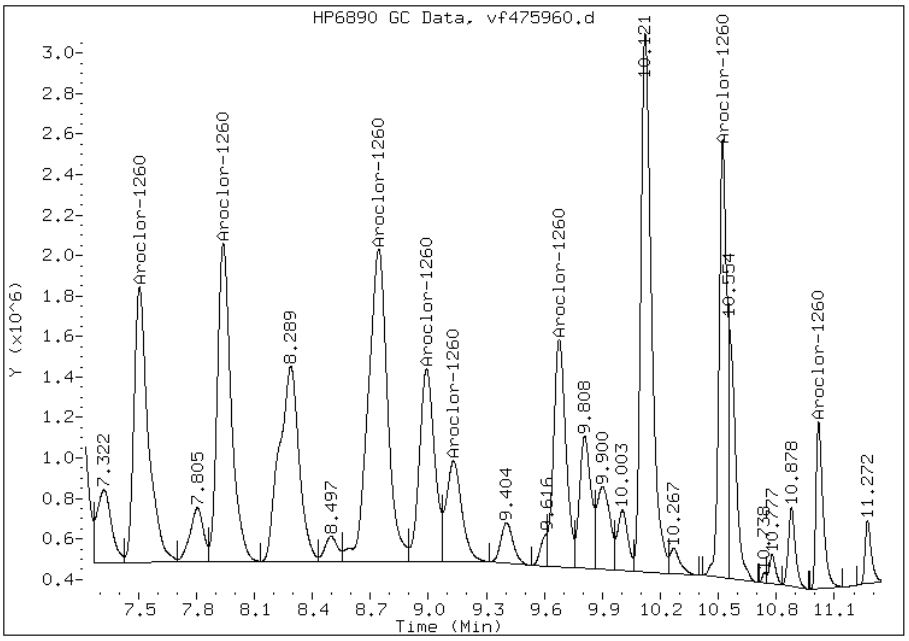
Manual Integration Results

RT: 7.51

Response: 6988962

Amount: 246.85

Conc: 160.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: SF-29 MSD | Lab Sample ID: 460-41730-5 MSD

Matrix: Solid | Lab File ID: vr475960.d

Analysis Method: 8082 | Date Collected: 06/25/2012 12:04

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:34

Sample wt/vol: 15.00(g) | Date Analyzed: 07/01/2012 13:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*189*		*79*	*15*
11104-28-2	Aroclor 1221	24	U	79	24
11141-16-5	Aroclor 1232	45	U	79	45
53469-21-9	Aroclor 1242	15	U	79	15
12672-29-6	Aroclor 1248	21	U	79	21
11097-69-1	Aroclor 1254	27	U	79	27
11096-82-5	Aroclor 1260	196		79	8.9
37324-23-5	Aroclor 1262	14	U	79	14
11100-14-4	Aroclor 1268	14	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	57		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/vr475960.d
Lab Smp Id: 460-41730-E-5-E msd
Inj Date : 01-JUL-2012 13:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-5-E msd
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 76
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.037	2.056	-0.019	2207098	220.275	150	80.00- 120.00	100.00(M)
2.491	2.505	-0.014	4314893	244.668	160	139.33- 209.00	195.50
2.742	2.755	-0.013	2459616	218.952	140	80.83- 121.25	111.44
3.097	3.109	-0.012	10961952	270.029	180	326.20- 489.30	496.67
3.297	3.309	-0.012	3686839	247.245	160	109.87- 164.80	167.04
3.652	3.665	-0.013	3694037	239.438	160	112.76- 169.14	167.37
4.015	4.026	-0.011	3824002	252.845	170	113.57- 170.35	173.26
4.163	4.175	-0.012	1435387	225.723	150	43.82- 65.73	65.04
Average of Peak Concentrations =					160		
27 Aroclor-1260					CAS #: 11096-82-5		
6.052	6.058	-0.006	6583052	265.542	180	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.509	-0.005	12698588	264.272	180	149.81- 224.72	192.90
6.946	6.950	-0.004	11045716	257.690	170	123.89- 185.83	167.79
7.146	7.150	-0.004	5671718	249.397	170	65.23- 97.84	86.16
7.581	7.586	-0.005	5022808	247.173	160	57.47- 86.20	76.30
8.859	8.865	-0.006	6120816	235.176	160	71.15- 106.72	92.98
9.077	9.084	-0.007	3728215	246.340	160	39.48- 59.22	56.63
10.131	10.134	-0.003	2854582	218.348	140	33.88- 50.81	43.36
		Average of Peak Concentrations =			160		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.617	-0.002	11557095	28.4990	19	80.00- 120.00	100.00

QC Flag Legend

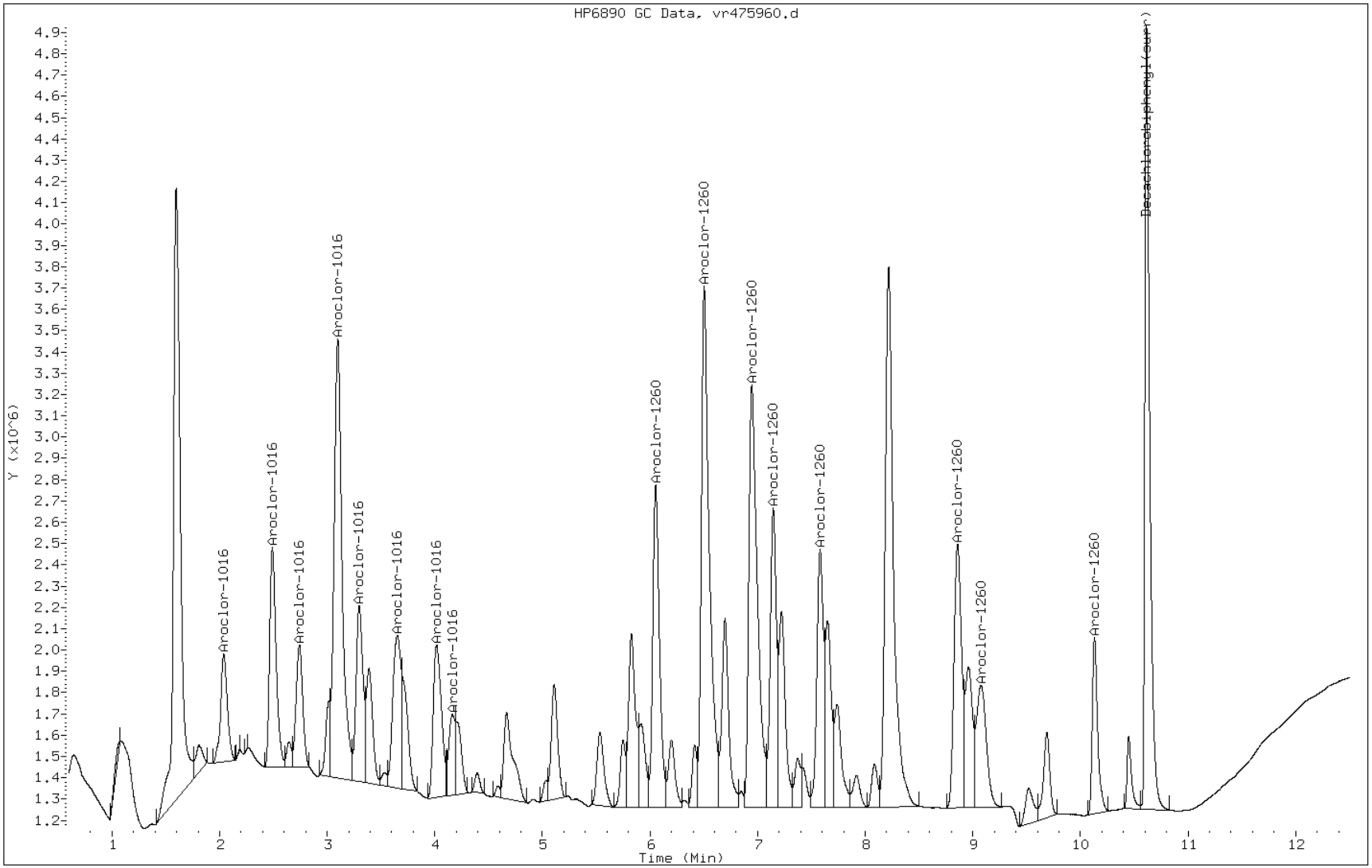
M - Compound response manually integrated.

Data File: vr475960.d

Date: 01-JUL-2012 13:13

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-5-E msd Operator: 615



Manual Integration Report

Data File: vr475960.d
Inj. Date and Time: 01-JUL-2012 13:13
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

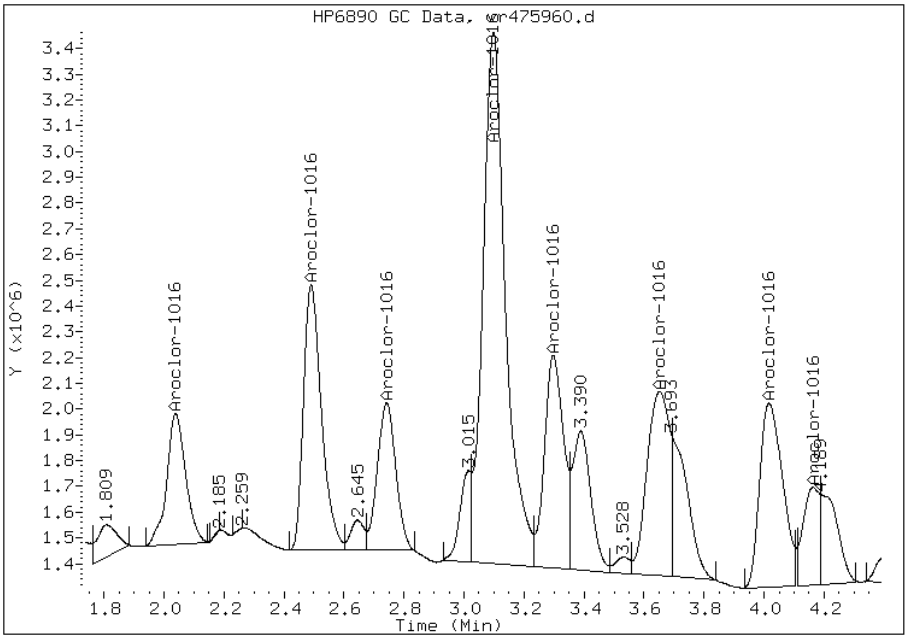
Manual Integration Results

RT: 2.04

Response: 2207098

Amount: 239.90

Conc: 160.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: vf475991.d

Analysis Method: 8082 | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 04:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	295		170	32
11104-28-2	*Aroclor 1221*	*51*	*U*	*170*	*51*
11141-16-5	*Aroclor 1232*	*96*	*U*	*170*	*96*
53469-21-9	*Aroclor 1242*	*32*	*U*	*170*	*32*
12672-29-6	*Aroclor 1248*	*45*	*U*	*170*	*45*
11097-69-1	*Aroclor 1254*	*58*	*U*	*170*	*58*
11096-82-5	Aroclor 1260	230		170	19
37324-23-5	*Aroclor 1262*	*29*	*U*	*170*	*29*
11100-14-4	*Aroclor 1268*	*29*	*U*	*170*	*29*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	31		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/vf475991.d
Lab Smp Id: 460-41730-E-17-Emsd
Inj Date : 02-JUL-2012 04:43
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-E msd
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Jul12/07-02-12/02jul12a.b/08Vf8082.m
Meth Date : 27-Jun-2012 14:38 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vf475646.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.768	2.781	-0.013	1369306	142.944	95	80.00- 120.00	100.00(M)
3.397	3.413	-0.016	4628948	221.740	150	176.68- 265.03	338.05
3.839	3.853	-0.014	1241660	144.232	96	71.90- 107.85	90.68
4.239	4.256	-0.017	11607416	302.506	200	320.80- 481.20	847.69
4.490	4.504	-0.014	2649458	158.190	100	140.97- 211.45	193.49
4.933	4.944	-0.011	1467484	132.832	88	91.80- 137.70	107.17
5.324	5.334	-0.010	1974868	157.793	100	104.36- 156.55	144.22
5.530	5.544	-0.014	1724259	143.507	96	102.42- 153.62	125.92
Average of Peak Concentrations =					120		
27 Aroclor-1260					CAS #: 11096-82-5		
7.507	7.514	-0.007	3213507	118.165	79	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.940	7.948	-0.008	4737694	151.917	100	91.40- 137.10	147.43
8.744	8.752	-0.008	6662886	152.982	100	128.38- 192.57	207.34
8.989	8.999	-0.010	3166177	150.209	100	61.78- 92.67	98.53
9.128	9.141	-0.013	1623536	139.490	93	33.86- 50.80	50.52
9.676	9.684	-0.008	1419503	70.3976	47	60.47- 90.71	44.17
10.521	10.526	-0.005	3606239	153.723	100	67.71- 101.56	112.22
11.016	11.024	-0.008	1470237	156.696	100	27.70- 41.55	45.75
Average of Peak Concentrations =					91		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.461	11.473	-0.012	5613870	15.4866	10	80.00- 120.00	100.00(aR)

QC Flag Legend

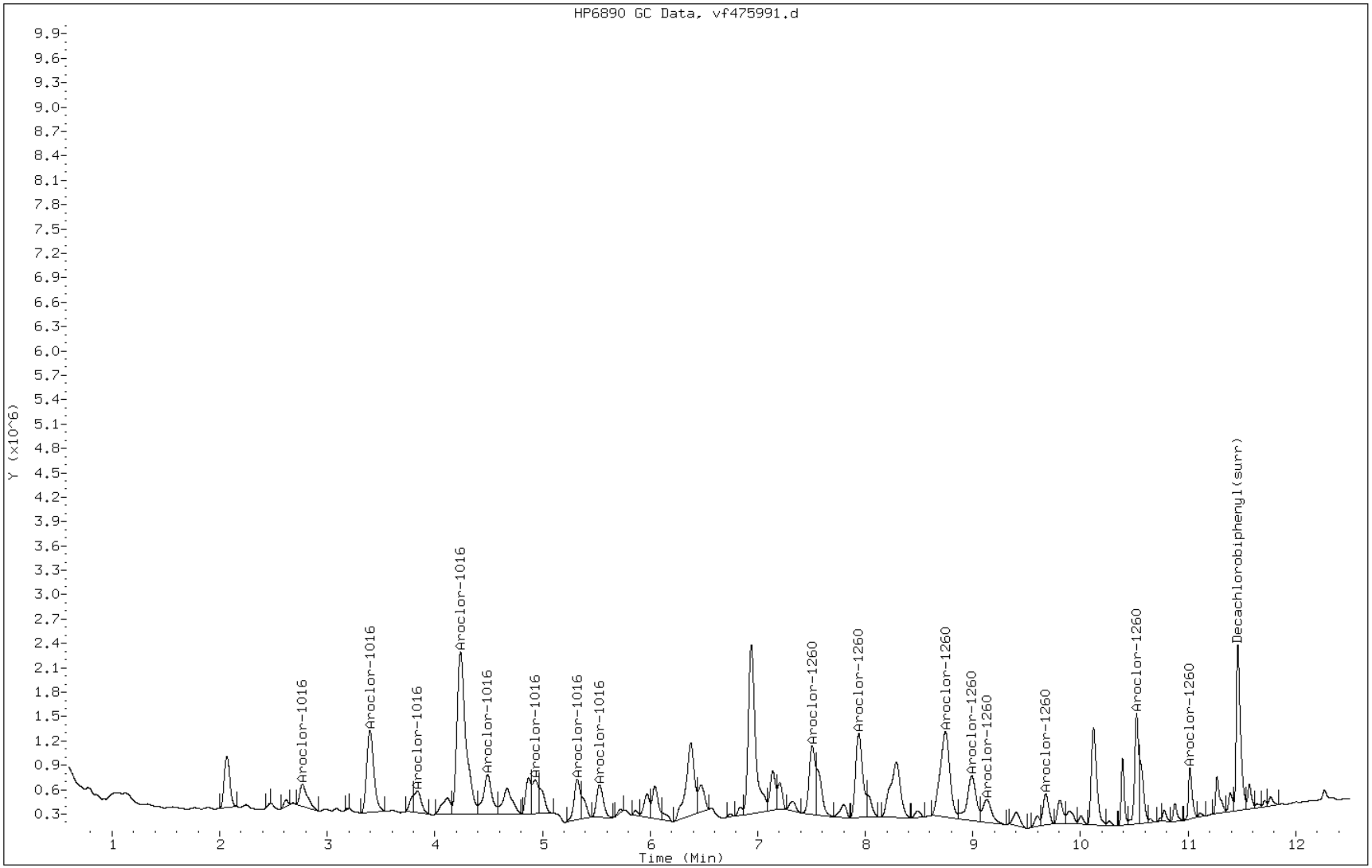
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475991.d

Date: 02-JUL-2012 04:43

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-E msd Operator: 615



Manual Integration Report

Data File: vf475991.d
Inj. Date and Time: 02-JUL-2012 04:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.78

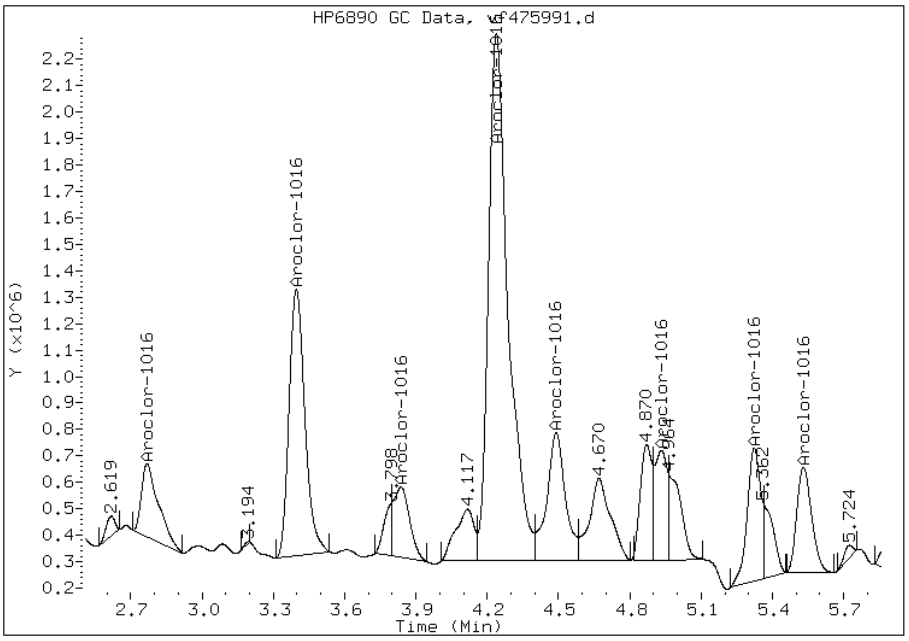
Manual Integration Results

RT: 2.77

Response: 1369306

Amount: 175.47

Conc: 120.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475991.d
Inj. Date and Time: 02-JUL-2012 04:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 7.51

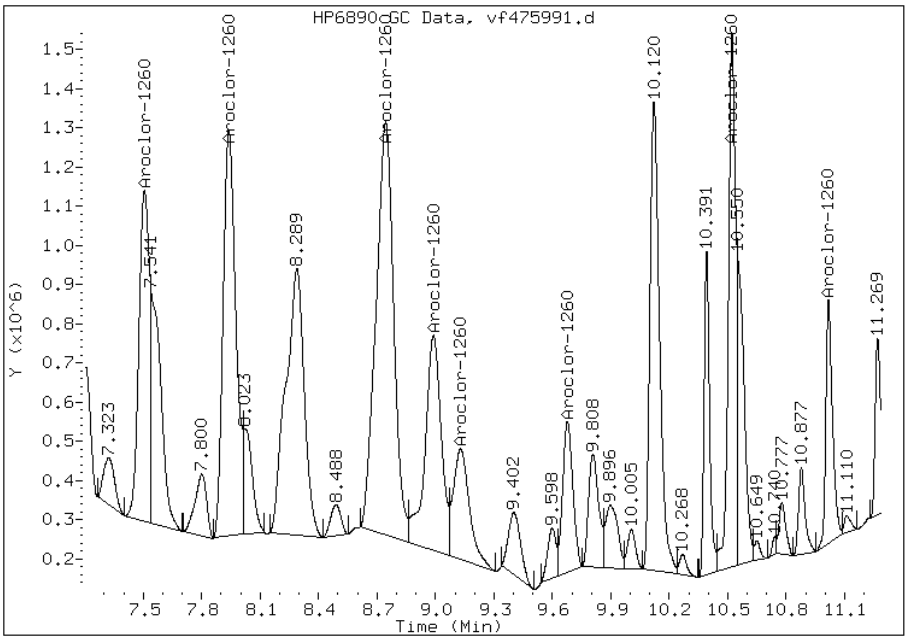
Manual Integration Results

RT: 7.51

Response: 3213507

Amount: 136.70

Conc: 91.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Client Sample ID: F-23 MSD | Lab Sample ID: 460-41730-17 MSD

Matrix: Solid | Lab File ID: vr475991.d

Analysis Method: 8082 | Date Collected: 06/26/2012 11:32

Extraction Method: 3541 | Date Extracted: 06/29/2012 15:42

Sample wt/vol: 15.01(g) | Date Analyzed: 07/02/2012 04:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 60.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 118238 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*283*		*170*	*32*
11104-28-2	Aroclor 1221	51	U	170	51
11141-16-5	Aroclor 1232	96	U	170	96
53469-21-9	Aroclor 1242	32	U	170	32
12672-29-6	Aroclor 1248	45	U	170	45
11097-69-1	Aroclor 1254	58	U	170	58
11096-82-5	*Aroclor 1260*	*274*		*170*	*19*
37324-23-5	Aroclor 1262	29	U	170	29
11100-14-4	Aroclor 1268	29	U	170	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	27	*X*	30-150

Data File: vr475991.d
Report Date: 02-Jul-2012 09:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/vr475991.d
Lab Smp Id: 460-41730-E-17-Emsd
Inj Date : 02-JUL-2012 04:43
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41730-E-17-E msd
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b/08Vr8082.m
Meth Date : 27-Jun-2012 14:34 selbyc Quant Type: ESTD
Cal Date : 27-JUN-2012 12:17 Cal File: vr475646.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.040	2.056	-0.016	1761708	175.824	120	80.00- 120.00	100.00(M)
2.492	2.505	-0.013	2458662	139.414	93	139.33- 209.00	139.56
2.742	2.755	-0.013	1603044	142.701	95	80.83- 121.25	90.99
3.085	3.109	-0.024	0			326.20- 489.30	0.00
3.300	3.309	-0.009	2632951	176.570	120	109.87- 164.80	149.45
3.640	3.665	-0.025	3115014	201.907	130	112.76- 169.14	176.82
4.014	4.026	-0.012	3444633	227.761	150	113.57- 170.35	195.53
4.190	4.175	0.015	743835	116.972	78	43.82- 65.73	42.22
Average of Peak Concentrations =					110		
27 Aroclor-1260					CAS #: 11096-82-5		
6.052	6.058	-0.006	4414387	178.064	120	80.00- 120.00	100.00(M)

Data File: vr475991.d
Report Date: 02-Jul-2012 09:02

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.504	6.509	-0.005	10100906	210.212	140	149.81- 224.72	228.82
6.944	6.950	-0.006	9224255	215.197	140	123.89- 185.83	208.96
7.145	7.150	-0.005	3397690	149.403	100	65.23- 97.84	76.97
7.579	7.586	-0.007	3061564	150.660	100	57.47- 86.20	69.35
8.859	8.865	-0.006	3402863	130.746	87	71.15- 106.72	77.09
9.080	9.084	-0.004	2059548	136.084	91	39.48- 59.22	46.66
10.132	10.134	-0.002	1775040	135.773	90	33.88- 50.81	40.21
		Average of Peak Concentrations =			110		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.615	10.617	-0.002	5536110	13.6517	9.1	80.00- 120.00	100.00(aR)

QC Flag Legend

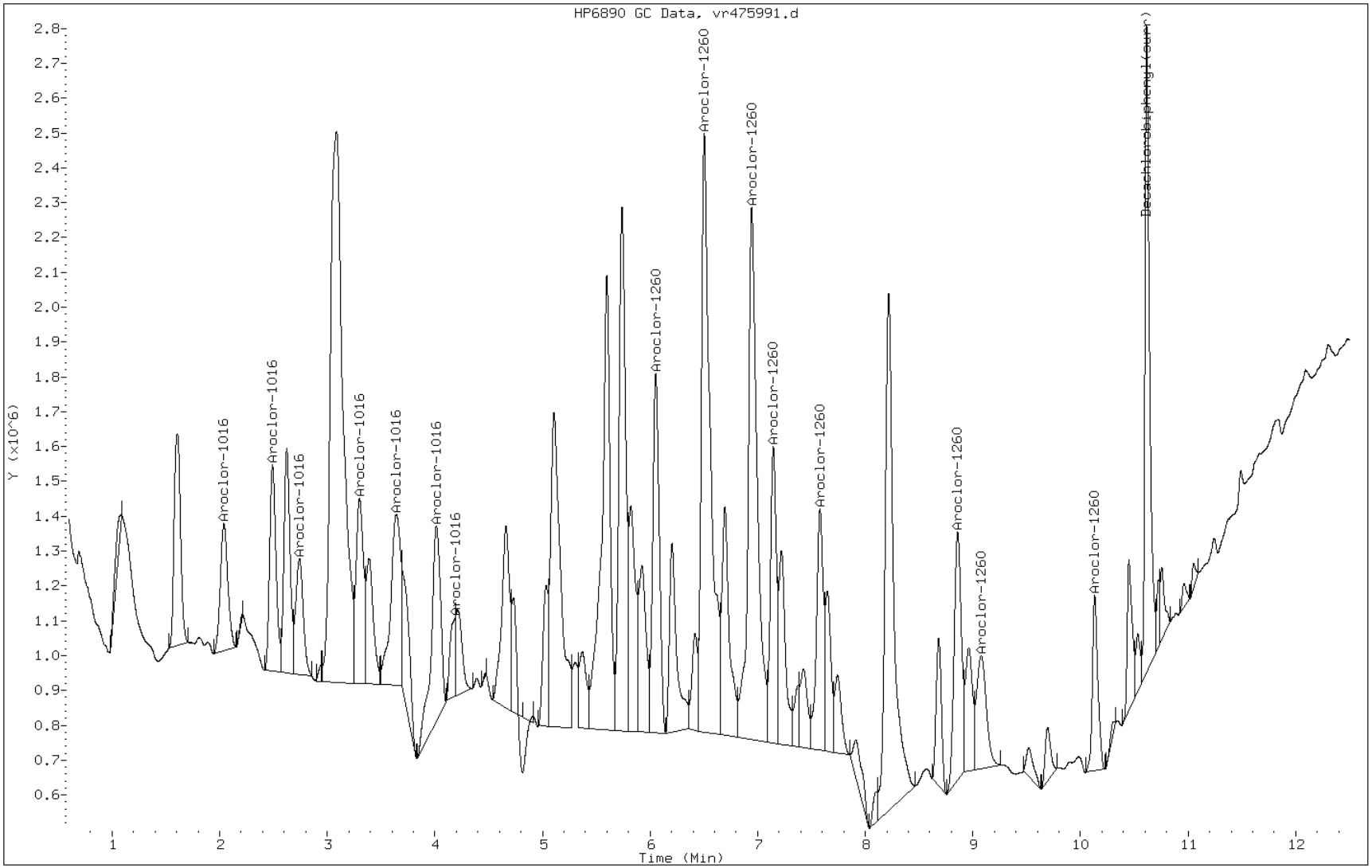
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475991.d

Date: 02-JUL-2012 04:43

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41730-E-17-E msd Operator: 615



Manual Integration Report

Data File: vr475991.d
Inj. Date and Time: 02-JUL-2012 04:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 07/02/2012

Processing Integration Results

Not Detected

Expected RT: 2.06

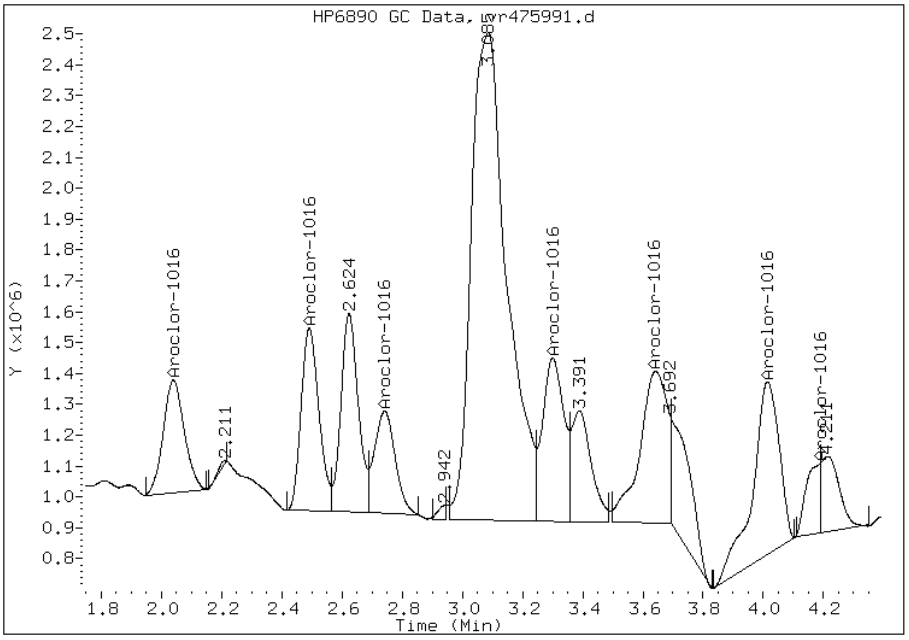
Manual Integration Results

RT: 2.04

Response: 1761708

Amount: 168.74

Conc: 110.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vr475991.d
Inj. Date and Time: 02-JUL-2012 04:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 07/02/2012

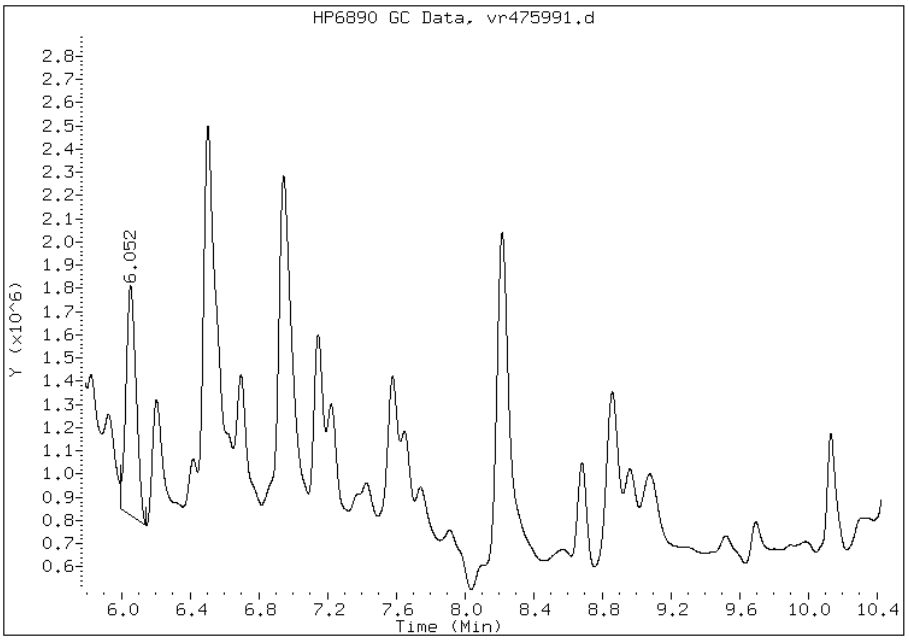
Processing Integration Results

RT: 6.05

Response: 4063065

Amount: 161.50

Conc: 110.00



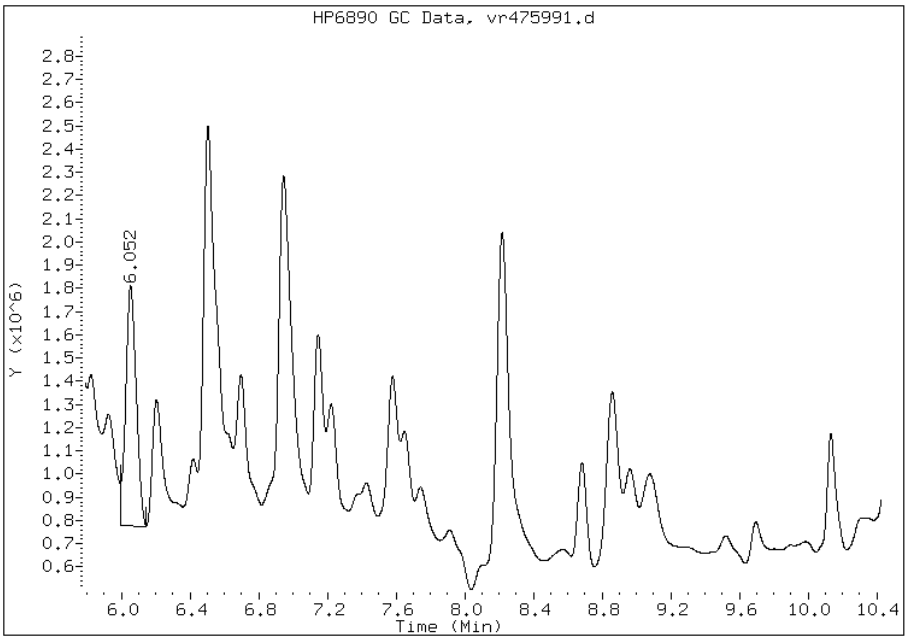
Manual Integration Results

RT: 6.05

Response: 4414387

Amount: 163.27

Conc: 110.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 06/27/2012 08:33

Analysis Batch Number: 117682 End Date: 06/27/2012 12:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-117682/1		06/27/2012 08:33	1		CLP-2 0.53(mm)
RINSE 460-117682/1		06/27/2012 08:33	1		CLP-1 0.53(mm)
ZZZZZ		06/27/2012 08:49	1		CLP-2 0.53(mm)
ZZZZZ		06/27/2012 08:49	1		CLP-1 0.53(mm)
ZZZZZ		06/27/2012 09:05	1		CLP-2 0.53(mm)
ZZZZZ		06/27/2012 09:05	1		CLP-1 0.53(mm)
IC 460-117682/4		06/27/2012 09:21	1	vf475635.d	CLP-2 0.53(mm)
IC 460-117682/4		06/27/2012 09:21	1	vr475635.d	CLP-1 0.53(mm)
IC 460-117682/5		06/27/2012 09:37	1	vf475636.d	CLP-2 0.53(mm)
IC 460-117682/5		06/27/2012 09:37	1	vr475636.d	CLP-1 0.53(mm)
IC 460-117682/6		06/27/2012 09:53	1	vf475637.d	CLP-2 0.53(mm)
IC 460-117682/6		06/27/2012 09:53	1	vr475637.d	CLP-1 0.53(mm)
IC 460-117682/7		06/27/2012 10:09	1	vf475638.d	CLP-2 0.53(mm)
IC 460-117682/7		06/27/2012 10:09	1	vr475638.d	CLP-1 0.53(mm)
IC 460-117682/8		06/27/2012 10:25	1	vf475639.d	CLP-2 0.53(mm)
IC 460-117682/8		06/27/2012 10:25	1	vr475639.d	CLP-1 0.53(mm)
IC 460-117682/9		06/27/2012 10:41	1	vf475640.d	CLP-2 0.53(mm)
IC 460-117682/9		06/27/2012 10:41	1	vr475640.d	CLP-1 0.53(mm)
IC 460-117682/10		06/27/2012 10:57	1	vf475641.d	CLP-2 0.53(mm)
IC 460-117682/10		06/27/2012 10:57	1	vr475641.d	CLP-1 0.53(mm)
IC 460-117682/11		06/27/2012 11:13	1	vf475642.d	CLP-2 0.53(mm)
IC 460-117682/11		06/27/2012 11:13	1	vr475642.d	CLP-1 0.53(mm)
IC 460-117682/12		06/27/2012 11:29	1	vf475643.d	CLP-2 0.53(mm)
IC 460-117682/12		06/27/2012 11:29	1	vr475643.d	CLP-1 0.53(mm)
IC 460-117682/13		06/27/2012 11:45	1	vf475644.d	CLP-2 0.53(mm)
IC 460-117682/13		06/27/2012 11:45	1	vr475644.d	CLP-1 0.53(mm)
IC 460-117682/14		06/27/2012 12:01	1	vf475645.d	CLP-2 0.53(mm)
IC 460-117682/14		06/27/2012 12:01	1	vr475645.d	CLP-1 0.53(mm)
IC 460-117682/15		06/27/2012 12:17	1	vf475646.d	CLP-2 0.53(mm)
IC 460-117682/15		06/27/2012 12:17	1	vr475646.d	CLP-1 0.53(mm)
ZZZZZ		06/27/2012 12:33	1		CLP-2 0.53(mm)
ZZZZZ		06/27/2012 12:33	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 07/02/2012 03:07

Analysis Batch Number: 118238 End Date: 07/02/2012 09:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-118238/1		07/02/2012 03:07	1		CLP-2 0.53(mm)
RINSE 460-118238/1		07/02/2012 03:07	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 03:23	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 03:23	1		CLP-1 0.53(mm)
CCVRT 460-118238/3		07/02/2012 03:39	1	vf475987.d	CLP-2 0.53(mm)
CCVRT 460-118238/3		07/02/2012 03:39	1	vr475987.d	CLP-1 0.53(mm)
MB 460-118069/1-A		07/02/2012 03:55	1	vf475988.d	CLP-2 0.53(mm)
MB 460-118069/1-A		07/02/2012 03:55	1	vr475988.d	CLP-1 0.53(mm)
LCS 460-118069/2-A		07/02/2012 04:11	1	vf475989.d	CLP-2 0.53(mm)
LCS 460-118069/2-A		07/02/2012 04:11	1	vr475989.d	CLP-1 0.53(mm)
460-41730-17 MS	F-23 MS	07/02/2012 04:27	1	vf475990.d	CLP-2 0.53(mm)
460-41730-17 MS	F-23 MS	07/02/2012 04:27	1	vr475990.d	CLP-1 0.53(mm)
460-41730-17 MSD	F-23 MSD	07/02/2012 04:43	1	vf475991.d	CLP-2 0.53(mm)
460-41730-17 MSD	F-23 MSD	07/02/2012 04:43	1	vr475991.d	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 04:59	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 04:59	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 05:15	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:15	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 05:31	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:31	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 05:47	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 05:47	1		CLP-1 0.53(mm)
460-41730-17	F-23	07/02/2012 06:03	1	vf475996.d	CLP-2 0.53(mm)
460-41730-17	F-23	07/02/2012 06:03	1	vr475996.d	CLP-1 0.53(mm)
460-41730-23	FD-J	07/02/2012 06:19	1	vf475997.d	CLP-2 0.53(mm)
460-41730-23	FD-J	07/02/2012 06:19	1	vr475997.d	CLP-1 0.53(mm)
ZZZZZ		07/02/2012 06:35	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 06:35	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 06:50	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 06:50	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 07:06	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:06	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 07:22	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:22	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 07:38	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:38	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 07:54	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 07:54	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 08:10	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 08:10	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 08:26	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 08:26	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 08:42	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 08:42	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 08:58	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 07/02/2012 03:07

Analysis Batch Number: 118238 End Date: 07/02/2012 09:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/02/2012 08:58	1		CLP-1 0.53(mm)
ZZZZZ		07/02/2012 09:14	1		CLP-2 0.53(mm)
ZZZZZ		07/02/2012 09:14	1		CLP-1 0.53(mm)
CCV 460-118238/25		07/02/2012 09:30	1	vf476009.d	CLP-2 0.53(mm)
CCV 460-118238/25		07/02/2012 09:30	1	vr476009.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 07/01/2012 11:53

Analysis Batch Number: 118309 End Date: 07/01/2012 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/01/2012 11:53	1		CLP-2 0.53(mm)
ZZZZZ		07/01/2012 11:53	1		CLP-1 0.53(mm)
CCVRT 460-118309/2		07/01/2012 12:09	1	vf475956.d	CLP-2 0.53(mm)
CCVRT 460-118309/2		07/01/2012 12:09	1	vr475956.d	CLP-1 0.53(mm)
MB 460-118068/1-A		07/01/2012 12:25	1	vf475957.d	CLP-2 0.53(mm)
MB 460-118068/1-A		07/01/2012 12:25	1	vr475957.d	CLP-1 0.53(mm)
LCS 460-118068/2-A		07/01/2012 12:41	1	vf475958.d	CLP-2 0.53(mm)
LCS 460-118068/2-A		07/01/2012 12:41	1	vr475958.d	CLP-1 0.53(mm)
460-41730-5 MS	SF-29 MS	07/01/2012 12:57	1	vf475959.d	CLP-2 0.53(mm)
460-41730-5 MS	SF-29 MS	07/01/2012 12:57	1	vr475959.d	CLP-1 0.53(mm)
460-41730-5 MSD	SF-29 MSD	07/01/2012 13:13	1	vf475960.d	CLP-2 0.53(mm)
460-41730-5 MSD	SF-29 MSD	07/01/2012 13:13	1	vr475960.d	CLP-1 0.53(mm)
460-41730-1	SL-10	07/01/2012 13:29	1	vf475961.d	CLP-2 0.53(mm)
460-41730-1	SL-10	07/01/2012 13:29	1	vr475961.d	CLP-1 0.53(mm)
460-41730-2	SF-26	07/01/2012 13:45	1	vf475962.d	CLP-2 0.53(mm)
460-41730-2	SF-26	07/01/2012 13:45	1	vr475962.d	CLP-1 0.53(mm)
460-41730-3	SF-27	07/01/2012 14:01	1	vf475963.d	CLP-2 0.53(mm)
460-41730-3	SF-27	07/01/2012 14:01	1	vr475963.d	CLP-1 0.53(mm)
460-41730-4	SF-28	07/01/2012 14:17	1	vf475964.d	CLP-2 0.53(mm)
460-41730-4	SF-28	07/01/2012 14:17	1	vr475964.d	CLP-1 0.53(mm)
460-41730-5	SF-29	07/01/2012 14:33	1	vf475965.d	CLP-2 0.53(mm)
460-41730-5	SF-29	07/01/2012 14:33	1	vr475965.d	CLP-1 0.53(mm)
460-41730-6	SF-30	07/01/2012 14:49	1	vf475966.d	CLP-2 0.53(mm)
460-41730-6	SF-30	07/01/2012 14:49	1	vr475966.d	CLP-1 0.53(mm)
460-41730-7	SF-31	07/01/2012 15:05	1	vf475967.d	CLP-2 0.53(mm)
460-41730-7	SF-31	07/01/2012 15:05	1	vr475967.d	CLP-1 0.53(mm)
460-41730-8	SF-32	07/01/2012 15:21	1	vf475968.d	CLP-2 0.53(mm)
460-41730-8	SF-32	07/01/2012 15:21	1	vr475968.d	CLP-1 0.53(mm)
460-41730-9	SF-33	07/01/2012 15:37	1	vf475969.d	CLP-2 0.53(mm)
460-41730-9	SF-33	07/01/2012 15:37	1	vr475969.d	CLP-1 0.53(mm)
460-41730-10	FD-H	07/01/2012 15:53	1	vf475970.d	CLP-2 0.53(mm)
460-41730-10	FD-H	07/01/2012 15:53	1	vr475970.d	CLP-1 0.53(mm)
460-41730-11	F-17	07/01/2012 16:09	1	vf475971.d	CLP-2 0.53(mm)
460-41730-11	F-17	07/01/2012 16:09	1	vr475971.d	CLP-1 0.53(mm)
460-41730-12	F-18	07/01/2012 16:25	1	vf475972.d	CLP-2 0.53(mm)
460-41730-12	F-18	07/01/2012 16:25	1	vr475972.d	CLP-1 0.53(mm)
460-41730-13	F-19	07/01/2012 16:41	1	vf475973.d	CLP-2 0.53(mm)
460-41730-13	F-19	07/01/2012 16:41	1	vr475973.d	CLP-1 0.53(mm)
460-41730-14	F-20	07/01/2012 16:57	1	vf475974.d	CLP-2 0.53(mm)
460-41730-14	F-20	07/01/2012 16:57	1	vr475974.d	CLP-1 0.53(mm)
460-41730-15	F-21	07/01/2012 17:12	1	vf475975.d	CLP-2 0.53(mm)
460-41730-15	F-21	07/01/2012 17:12	1	vr475975.d	CLP-1 0.53(mm)
460-41730-16	F-22	07/01/2012 17:29	1	vf475976.d	CLP-2 0.53(mm)
460-41730-16	F-22	07/01/2012 17:29	1	vr475976.d	CLP-1 0.53(mm)
460-41730-18	F-24	07/01/2012 17:44	1	vf475977.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 07/01/2012 11:53

Analysis Batch Number: 118309 End Date: 07/01/2012 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-41730-18	F-24	07/01/2012 17:44	1	vr475977.d	CLP-1 0.53(mm)
460-41730-21	F-27	07/01/2012 18:00	1	vf475978.d	CLP-2 0.53(mm)
460-41730-21	F-27	07/01/2012 18:00	1	vr475978.d	CLP-1 0.53(mm)
460-41730-20	F-26	07/01/2012 18:16	1	vf475979.d	CLP-2 0.53(mm)
460-41730-20	F-26	07/01/2012 18:16	1	vr475979.d	CLP-1 0.53(mm)
460-41730-22	F-28	07/01/2012 18:32	1	vf475980.d	CLP-2 0.53(mm)
460-41730-22	F-28	07/01/2012 18:32	1	vr475980.d	CLP-1 0.53(mm)
ZZZZZ		07/01/2012 18:48	1		CLP-2 0.53(mm)
ZZZZZ		07/01/2012 18:48	1		CLP-1 0.53(mm)
CCV 460-118309/28		07/01/2012 19:04	1	vf475982.d	CLP-2 0.53(mm)
CCV 460-118309/28		07/01/2012 19:04	1	vr475982.d	CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b

Date Generated: 06/27/2012

Tals Batch 117682

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/27/12 0833	vr475632	1	Rinse	27jun12a		15	10	1	SAMPLE		-
06/27/12 0849	vr475633	2	SGPIBLK_00010	27jun12a		15	10	1	SAMPLE		g
06/27/12 0905	vr475634	3	SG1660L1_00012	27jun12a		15	10	1	SAMPLE		not needed
06/27/12 0921	vr475635	4	SG1660L1_00012			0	0	1	CALIB_1		g
06/27/12 0937	vr475636	5	SG1660L2_00012			0	0	1	CALIB_2		g
06/27/12 0953	vr475637	6	SG1660L3_00017			0	0	1	CALIB_3		g
06/27/12 1009	vr475638	7	SG1660L4_00012			0	0	1	CALIB_4		g
06/27/12 1025	vr475639	8	SG1660L5_00012			0	0	1	CALIB_5		g
06/27/12 1041	vr475640	9	SG1221L3_00014			0	0	1	CALIB_3		g
06/27/12 1057	vr475641	10	SG1232L3_00013			0	0	1	CALIB_3		g
06/27/12 1113	vr475642	11	SG1242L3_00013			0	0	1	CALIB_3		g
06/27/12 1129	vr475643	12	SG1248L3_00013			0	0	1	CALIB_3		g
06/27/12 1145	vr475644	13	SG1254L3_00013			0	0	1	CALIB_3		g
06/27/12 1201	vr475645	14	SG1262L3_00012			0	0	1	CALIB_3		g

Cal ID #
Front 16193
Rear 16192

CMS 6/27/12

6/27/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-27-12ical/27jun12a.b

Date Generated: 06/27/2012

Tals Batch 117682

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/27/12 1217	vr475646	15	SG1268L3_00013			0	0	1	CALIB_3		g
06/27/12 1233	vr475647	16	SGPCBICV_00009			1000	5	1	BS		g

Signed: Alicia Selby

Date: 6/27/12

Read and Understood by: [signature]

Date: 6/27/12

TESTAMERICA

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b

Date Generated: 07/02/2012

Tals Batch 118238

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 0307	vr475985	1	rinse	02jul12a		15	10	1	SAMPLE		-
07/02/12 0323	vr475986	2	SGPIBLK_00013	02jul12a		15	10	1	SAMPLE		g
07/02/12 0339	vr475987	3	ccvrtSG1660L3_00017	02jul12a		15	10	1	SAMPLE		g
07/02/12 0355	vr475988	4	MB 460-118069/1-a	02jul12a		15	10	1	SAMPLE		g
07/02/12 0411	vr475989	5	LCS 460-118069/2-a	02jul12a		15	10	1	SAMPLE		g
07/02/12 0427	vr475990	6	460-41730-E-17-D ms	02jul12a		15	10	1	SAMPLE		g 1016,1260 ↓ both col, Rear DCB ↓
07/02/12 0443	vr475991	7	460-41730-E-17-Emsd	02jul12a		15	10	1	SAMPLE		g 1016,1260 ↓ both col, Rear DCB ↓
07/02/12 0459	vr475992	8	460-41666-A-1-C	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0515	vr475993	9	460-41666-A-2-C	460-118069	06/29/12	15.1	10	1	SAMPLE		g nd
07/02/12 0531	vr475994	10	460-41666-A-3-B	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0547	vr475995	11	460-41701-A-1-B	460-118069	06/29/12	15.0	10	1	SAMPLE		g 1254
07/02/12 0603	vr475996	12	460-41730-E-17-F	460-118069	06/29/12	15.0	10	1	SAMPLE		g 1254
07/02/12 0619	vr475997	13	460-41730-E-23-C	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0635	vr475998	14	460-41733-A-1-B	460-118069	06/29/12	15	10	1	SAMPLE		g nd

CMS to 7/2/12

7/2

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Jul12/07-02-12/02jul12a.b

Date Generated: 07/02/2012

Tals Batch 118238

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/02/12 0650	vr475999	15	460-41737-F-12-B	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0706	vr476000	16	460-41740-A-5-B	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0722	vr476001	17	460-41740-E-13-A	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0738	vr476002	18	460-41740-A-14-E	460-118069	06/29/12	15.0	10	1	SAMPLE		g nd
07/02/12 0754	vr476003	19	460-41740-A-15-E	460-118069	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 0810	vr476004	20	460-41759-C-1-A	460-118069	06/29/12	15.1	10	1	SAMPLE		g nd
07/02/12 0826	vr476005	21	460-41759-A-3-B	460-118069	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 0842	vr476006	22	460-41759-B-5-A	460-118069	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 0858	vr476007	23	460-41759-B-6-A	460-118069	06/29/12	15	10	1	SAMPLE		g nd
07/02/12 0914	vr476008	24	SGPIBLK_00013	02jul12a		15	10	1	SAMPLE		g
07/02/12 0930	vr476009	25	ccv SG1660L3_00017	02jul12a		15	10	1	SAMPLE		g

Signed: Calista Selby Read and Understood by: [illegible]

Date: 7/2/12 Date: 7/2

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b

Date Generated: 07/02/2012

Tals Batch 118309

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/01/12 1153	vr475955	71	SGPIBLK_00013	01jul12d		15	10	1	SAMPLE		g
07/01/12 1209	vr475956	72	SG1660L3_00017 CCURT	01jul12d		15	10	1	SAMPLE		g
07/01/12 1225	vr475957	73	MB 460-118068/1-	01jul12d		15	10	1	SAMPLE		g
07/01/12 1241	vr475958	74	LCS 460-118068/2	01jul12d		15	10	1	SAMPLE		g
07/01/12 1257	vr475959	75	460-41730-E-5-D MS	01jul12d		15	10	1	SAMPLE		g
07/01/12 1313	vr475960	76	460-41730-E-5-E MSD	01jul12d		15	10	1	SAMPLE		1016, 1260 ✓ both col
07/01/12 1329	vr475961	77	460-41730-E-1-C	460-118068	06/29/12	15	10	1	SAMPLE		1016, 1260 ✓ both col
07/01/12 1345	vr475962	78	460-41730-E-2-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1401	vr475963	79	460-41730-E-3-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1417	vr475964	80	460-41730-E-4-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1433	vr475965	81	460-41730-E-5-F	460-118068	06/29/12	15.1	10	1	SAMPLE		g nd
07/01/12 1449	vr475966	82	460-41730-E-6-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1505	vr475967	83	460-41730-E-7-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1521	vr475968	84	460-41730-E-8-C	460-118068	06/29/12	15	10	1	SAMPLE		g nd

GMS 7/2/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b

Date Generated: 07/02/2012

Tals Batch 118309

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/01/12 1537	vr475969	85	460-41730-E-9-C	460-118068	06/29/12	15	10	1	SAMPLE		g nd
07/01/12 1553	vr475970	86	460-41730-E-10-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1609	vr475971	87	460-41730-E-11-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1625	vr475972	88	460-41730-E-12-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1641	vr475973	89	460-41730-E-13-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g 1262
07/01/12 1657	vr475974	90	460-41730-E-14-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g 1262
07/01/12 1712	vr475975	91	460-41730-E-15-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1729	vr475976	92	460-41730-E-16-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g 1260
07/01/12 1744	vr475977	93	460-41730-E-18-C	460-118068	06/29/12	15	10	1	SAMPLE		g nd
07/01/12 1800	vr475978	94	460-41730-A-21-B	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1816	vr475979	95	460-41730-E-20-C	460-118068	06/29/12	15	10	1	SAMPLE		g nd
07/01/12 1832	vr475980	96	460-41730-E-22-C	460-118068	06/29/12	15.0	10	1	SAMPLE		g nd
07/01/12 1848	vr475981	97	SGPIBLK_00013	01jul12d		15	10	1	SAMPLE		g
07/01/12 1904	vr475982	98	SG1660L3_00017	01jul12d		15	10	1	SAMPLE		g

CMS 7/2/12

Sandra Tilen

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Jul12/07-01-12/01jul12d.b

Date Generated: 07/02/2012

Talls Batch 118309

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07/01/12 1920	vr475983	99	SGPIBLK_00013	01jul12d		15	10	1	SAMPLE		not used
07/01/12 1936	vr475984	100	SG1660L3_00017	01jul12d		15	10	1	SAMPLE		not used.

Signed: Calista Selby

Date: 7/2/12

Read and Understood by: [signature]

Date: 7/2/12

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118068 Batch Start Date: 06/29/12 15:34 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-118068/1		3541, 8082		15.00 g	10 mL	97		50 uL	
LCS 460-118068/2		3541, 8082		15.00 g	10 mL	98	50 uL	50 uL	
460-41730-E-5 MS	SF-29	3541, 8082	T	15.02 g	10 mL	99	50 uL	50 uL	
460-41730-E-5 MSD	SF-29	3541, 8082	T	15.00 g	10 mL	100	50 uL	50 uL	
460-41730-E-1	SL-10	3541, 8082	T	15.00 g	10 mL	101		50 uL	
460-41730-E-2	SF-26	3541, 8082	T	15.04 g	10 mL	102		50 uL	
460-41730-E-3	SF-27	3541, 8082	T	15.03 g	10 mL	115		50 uL	
460-41730-E-4	SF-28	3541, 8082	T	15.01 g	10 mL	116		50 uL	
460-41730-E-5	SF-29	3541, 8082	T	15.05 g	10 mL	117		50 uL	
460-41730-E-6	SF-30	3541, 8082	T	15.02 g	10 mL	118		50 uL	
460-41730-E-7	SF-31	3541, 8082	T	15.01 g	10 mL	119		50 uL	
460-41730-E-8	SF-32	3541, 8082	T	15.00 g	10 mL	120		50 uL	
460-41730-E-9	SF-33	3541, 8082	T	15.00 g	10 mL	103		50 uL	
460-41730-E-10	FD-H	3541, 8082	T	15.03 g	10 mL	104		50 uL	
460-41730-E-11	F-17	3541, 8082	T	15.04 g	10 mL	105		50 uL	
460-41730-E-12	F-18	3541, 8082	T	15.02 g	10 mL	106		50 uL	
460-41730-E-13	F-19	3541, 8082	T	15.01 g	10 mL	107		50 uL	
460-41730-E-14	F-20	3541, 8082	T	15.03 g	10 mL	108		50 uL	
460-41730-E-15	F-21	3541, 8082	T	15.03 g	10 mL	73		50 uL	
460-41730-E-16	F-22	3541, 8082	T	15.04 g	10 mL	74		50 uL	
460-41730-E-18	F-24	3541, 8082	T	15.00 g	10 mL	75		50 uL	
460-41730-A-21	F-27	3541, 8082	T	15.03 g	10 mL	76		50 uL	
460-41730-E-20	F-26	3541, 8082	T	15.00 g	10 mL	77		50 uL	
460-41730-E-22	F-28	3541, 8082	T	15.02 g	10 mL	78		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118068 Batch Start Date: 06/29/12 15:34 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	k28e27
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:34am
TBA Lot #	op271

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118069 Batch Start Date: 06/29/12 15:42 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-118069/1		3541, 8082		15.00 g	10 mL	79		50 uL	
LCS 460-118069/2		3541, 8082		15.00 g	10 mL	80	50 uL	50 uL	
460-41730-E-17 MS	F-23	3541, 8082	T	15.05 g	10 mL	81	50 uL	50 uL	
460-41730-E-17 MSD	F-23	3541, 8082	T	15.01 g	10 mL	82	50 uL	50 uL	
460-41730-E-17	F-23	3541, 8082	T	15.01 g	10 mL	69		50 uL	
460-41730-E-23	FD-J	3541, 8082	T	15.02 g	10 mL	70		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	k28e27
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:42am
TBA Lot #	op271

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG No.:

Project: C360112. Mt.Kisko, NY

Client Sample ID	Lab Sample ID
SL-10	460-41730-1
SF-26	460-41730-2
SF-27	460-41730-3
SF-28	460-41730-4
SF-29	460-41730-5
SF-30	460-41730-6
SF-31	460-41730-7
SF-32	460-41730-8
SF-33	460-41730-9
FD-H	460-41730-10
F-17	460-41730-11
F-18	460-41730-12
F-19	460-41730-13
F-20	460-41730-14
F-21	460-41730-15
F-22	460-41730-16
F-23	460-41730-17
F-24	460-41730-18
F-25	460-41730-19
F-26	460-41730-20
F-27	460-41730-21
F-28	460-41730-22
FD-J	460-41730-23

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 08:35

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 86.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10700	43.8	20.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.5	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	160	43.8	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.44	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	2100	1100	77.6	mg/Kg			4	6010B
7440-47-3	Chromium	30.3	2.2	0.94	mg/Kg			4	6010B
7440-48-4	Cobalt	8.5	11.0	0.93	mg/Kg	J		4	6010B
7440-50-8	Copper	16.5	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	20600	32.9	13.3	mg/Kg			4	6010B
7439-92-1	Lead	13.6	1.1	0.94	mg/Kg			4	6010B
7439-95-4	Magnesium	5050	1100	78.9	mg/Kg			4	6010B
7439-96-5	Manganese	323	3.3	0.96	mg/Kg			4	6010B
7440-02-0	Nickel	18.8	8.8	0.96	mg/Kg			4	6010B
7440-09-7	Potassium	2240	1100	117	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	173	1100	173	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	33.5	11.0	0.84	mg/Kg			4	6010B
7440-66-6	Zinc	57.9	6.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.18	0.036	0.024	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-26 Lab Sample ID: 460-41730-2

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/25/2012 09:55

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 80.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12500	49.0	22.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.5	2.4	1.5	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.6	1.2	1.2	mg/Kg			4	6010B
7440-39-3	Barium	109	49.0	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.21	0.49	0.18	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.29	1.2	0.18	mg/Kg	J		4	6010B
7440-70-2	Calcium	2010	1220	86.6	mg/Kg			4	6010B
7440-47-3	Chromium	26.9	2.4	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	8.8	12.2	1.0	mg/Kg	J		4	6010B
7440-50-8	Copper	31.8	6.1	2.4	mg/Kg			4	6010B
7439-89-6	Iron	21400	36.7	14.8	mg/Kg			4	6010B
7439-92-1	Lead	35.2	1.2	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	4890	1220	88.1	mg/Kg			4	6010B
7439-96-5	Manganese	252	3.7	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	19.7	9.8	1.1	mg/Kg			4	6010B
7440-09-7	Potassium	2230	1220	131	mg/Kg			4	6010B
7782-49-2	Selenium	1.6	2.4	1.6	mg/Kg	U		4	6010B
7440-22-4	Silver	1.2	2.4	0.24	mg/Kg	J		4	6010B
7440-23-5	Sodium	193	1220	193	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.4	2.4	1.4	mg/Kg	U		4	6010B
7440-62-2	Vanadium	34.2	12.2	0.94	mg/Kg			4	6010B
7440-66-6	Zinc	90.5	7.3	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.22	0.038	0.025	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-27 Lab Sample ID: 460-41730-3

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/25/2012 10:50

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 86.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13000	40.8	18.6	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	4.3	1.0	0.96	mg/Kg			4	6010B
7440-39-3	Barium	93.3	40.8	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.29	0.41	0.15	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	1490	1020	72.2	mg/Kg			4	6010B
7440-47-3	Chromium	30.0	2.0	0.88	mg/Kg			4	6010B
7440-48-4	Cobalt	7.6	10.2	0.87	mg/Kg	J		4	6010B
7440-50-8	Copper	17.7	5.1	2.0	mg/Kg			4	6010B
7439-89-6	Iron	24700	30.6	12.3	mg/Kg			4	6010B
7439-92-1	Lead	8.6	1.0	0.88	mg/Kg			4	6010B
7439-95-4	Magnesium	4830	1020	73.4	mg/Kg			4	6010B
7439-96-5	Manganese	292	3.1	0.90	mg/Kg			4	6010B
7440-02-0	Nickel	18.3	8.2	0.90	mg/Kg			4	6010B
7440-09-7	Potassium	1610	1020	109	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	161	1020	161	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	35.5	10.2	0.78	mg/Kg			4	6010B
7440-66-6	Zinc	48.7	6.1	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.025	0.037	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 11:30

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12100	42.1	19.2	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	3.1	1.1	0.99	mg/Kg			4	6010B
7440-39-3	Barium	130	42.1	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.42	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.18	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	2360	1050	74.5	mg/Kg			4	6010B
7440-47-3	Chromium	30.4	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	10.4	10.5	0.90	mg/Kg	J		4	6010B
7440-50-8	Copper	27.5	5.3	2.0	mg/Kg			4	6010B
7439-89-6	Iron	24700	31.6	12.7	mg/Kg			4	6010B
7439-92-1	Lead	7.9	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	6200	1050	75.8	mg/Kg			4	6010B
7439-96-5	Manganese	368	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	22.8	8.4	0.93	mg/Kg			4	6010B
7440-09-7	Potassium	3470	1050	113	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	166	1050	166	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	36.8	10.5	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	58.7	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.021	0.031	0.021	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-29 Lab Sample ID: 460-41730-5

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/25/2012 12:04

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 84.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10800	46.4	21.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.4	1.2	1.1	mg/Kg			4	6010B
7440-39-3	Barium	103	46.4	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.17	0.46	0.17	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.24	1.2	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	2020	1160	82.2	mg/Kg			4	6010B
7440-47-3	Chromium	25.8	2.3	1.0	mg/Kg			4	6010B
7440-48-4	Cobalt	8.0	11.6	0.99	mg/Kg	J		4	6010B
7440-50-8	Copper	30.4	5.8	2.3	mg/Kg			4	6010B
7439-89-6	Iron	19000	34.8	14.0	mg/Kg			4	6010B
7439-92-1	Lead	20.7	1.2	1.0	mg/Kg			4	6010B
7439-95-4	Magnesium	4670	1160	83.5	mg/Kg			4	6010B
7439-96-5	Manganese	353	3.5	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	18.2	9.3	1.0	mg/Kg			4	6010B
7440-09-7	Potassium	2370	1160	124	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.71	2.3	0.23	mg/Kg	J		4	6010B
7440-23-5	Sodium	183	1160	183	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	30.5	11.6	0.89	mg/Kg			4	6010B
7440-66-6	Zinc	71.6	7.0	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.21	0.039	0.026	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-30 Lab Sample ID: 460-41730-6

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/25/2012 13:45

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 87.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9810	43.9	20.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.1	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	102	43.9	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.44	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.43	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	3340	1100	77.7	mg/Kg			4	6010B
7440-47-3	Chromium	26.0	2.2	0.94	mg/Kg			4	6010B
7440-48-4	Cobalt	8.6	11.0	0.94	mg/Kg	J		4	6010B
7440-50-8	Copper	23.9	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	17800	32.9	13.3	mg/Kg			4	6010B
7439-92-1	Lead	12.1	1.1	0.94	mg/Kg			4	6010B
7439-95-4	Magnesium	5480	1100	79.0	mg/Kg			4	6010B
7439-96-5	Manganese	234	3.3	0.97	mg/Kg			4	6010B
7440-02-0	Nickel	19.1	8.8	0.97	mg/Kg			4	6010B
7440-09-7	Potassium	2460	1100	117	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	J		4	6010B
7440-23-5	Sodium	173	1100	173	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	30.3	11.0	0.84	mg/Kg			4	6010B
7440-66-6	Zinc	137	6.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.15	0.034	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 08:40

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9540	44.9	20.4	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.8	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	89.4	44.9	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.45	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.31	1.1	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	1510	1120	79.4	mg/Kg			4	6010B
7440-47-3	Chromium	25.5	2.2	0.97	mg/Kg			4	6010B
7440-48-4	Cobalt	6.3	11.2	0.96	mg/Kg	J		4	6010B
7440-50-8	Copper	45.6	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	16500	33.7	13.6	mg/Kg			4	6010B
7439-92-1	Lead	30.4	1.1	0.97	mg/Kg			4	6010B
7439-95-4	Magnesium	4190	1120	80.8	mg/Kg			4	6010B
7439-96-5	Manganese	158	3.4	0.99	mg/Kg			4	6010B
7440-02-0	Nickel	16.2	9.0	0.99	mg/Kg			4	6010B
7440-09-7	Potassium	1530	1120	120	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	1.4	2.2	0.22	mg/Kg	J		4	6010B
7440-23-5	Sodium	177	1120	177	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.2	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	25.9	11.2	0.86	mg/Kg			4	6010B
7440-66-6	Zinc	102	6.7	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.17	0.037	0.025	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-32 Lab Sample ID: 460-41730-8

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 09:30

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 70.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9720	50.6	23.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.6	2.5	1.6	mg/Kg	U		4	6010B
7440-38-2	Arsenic	3.6	1.3	1.2	mg/Kg			4	6010B
7440-39-3	Barium	91.4	50.6	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.18	0.51	0.18	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.37	1.3	0.19	mg/Kg	J		4	6010B
7440-70-2	Calcium	3050	1260	89.5	mg/Kg			4	6010B
7440-47-3	Chromium	24.3	2.5	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	5.1	12.6	1.1	mg/Kg	J		4	6010B
7440-50-8	Copper	17.1	6.3	2.5	mg/Kg			4	6010B
7439-89-6	Iron	13200	37.9	15.3	mg/Kg			4	6010B
7439-92-1	Lead	14.9	1.3	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	3050	1260	91.0	mg/Kg			4	6010B
7439-96-5	Manganese	151	3.8	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	13.0	10.1	1.1	mg/Kg			4	6010B
7440-09-7	Potassium	1410	1260	135	mg/Kg			4	6010B
7782-49-2	Selenium	1.7	2.5	1.7	mg/Kg	U		4	6010B
7440-22-4	Silver	0.25	2.5	0.25	mg/Kg	U		4	6010B
7440-23-5	Sodium	200	1260	200	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.4	2.5	1.4	mg/Kg	U		4	6010B
7440-62-2	Vanadium	26.4	12.6	0.97	mg/Kg			4	6010B
7440-66-6	Zinc	46.7	7.6	1.4	mg/Kg			4	6010B
7439-97-6	Mercury	0.089	0.045	0.030	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-33 Lab Sample ID: 460-41730-9

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 10:15

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 88.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10600	40.4	18.4	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.6	1.0	0.95	mg/Kg			4	6010B
7440-39-3	Barium	106	40.4	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.40	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.20	1.0	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	1970	1010	71.5	mg/Kg			4	6010B
7440-47-3	Chromium	23.8	2.0	0.87	mg/Kg			4	6010B
7440-48-4	Cobalt	7.7	10.1	0.86	mg/Kg	J		4	6010B
7440-50-8	Copper	17.0	5.0	2.0	mg/Kg			4	6010B
7439-89-6	Iron	17800	30.3	12.2	mg/Kg			4	6010B
7439-92-1	Lead	4.7	1.0	0.87	mg/Kg			4	6010B
7439-95-4	Magnesium	4200	1010	72.7	mg/Kg			4	6010B
7439-96-5	Manganese	226	3.0	0.89	mg/Kg			4	6010B
7440-02-0	Nickel	16.5	8.1	0.89	mg/Kg			4	6010B
7440-09-7	Potassium	2930	1010	108	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	160	1010	160	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	30.2	10.1	0.78	mg/Kg			4	6010B
7440-66-6	Zinc	41.7	6.1	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.022	0.032	0.022	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FD-H
Lab Sample ID: 460-41730-10
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/25/2012 00:00
Reporting Basis: DRY
Date Received: 06/26/2012 18:45
% Solids: 85.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12700	42.6	19.4	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	3.5	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	93.7	42.6	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.33	0.43	0.15	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	1840	1070	75.4	mg/Kg			4	6010B
7440-47-3	Chromium	27.5	2.1	0.92	mg/Kg			4	6010B
7440-48-4	Cobalt	6.5	10.7	0.91	mg/Kg	J		4	6010B
7440-50-8	Copper	18.0	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	20100	32.0	12.9	mg/Kg			4	6010B
7439-92-1	Lead	8.2	1.1	0.92	mg/Kg			4	6010B
7439-95-4	Magnesium	3940	1070	76.7	mg/Kg			4	6010B
7439-96-5	Manganese	304	3.2	0.94	mg/Kg			4	6010B
7440-02-0	Nickel	16.8	8.5	0.94	mg/Kg			4	6010B
7440-09-7	Potassium	1310	1070	114	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	168	1070	168	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	29.2	10.7	0.82	mg/Kg			4	6010B
7440-66-6	Zinc	49.1	6.4	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.046	0.032	0.021	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 10:38

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 93.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7540	42.4	19.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.4	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	65.9	42.4	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.42	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.17	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	2510	1060	75.1	mg/Kg			4	6010B
7440-47-3	Chromium	17.0	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	6.5	10.6	0.90	mg/Kg	J		4	6010B
7440-50-8	Copper	15.5	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	15200	31.8	12.8	mg/Kg			4	6010B
7439-92-1	Lead	7.9	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	4060	1060	76.3	mg/Kg			4	6010B
7439-96-5	Manganese	274	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	15.1	8.5	0.93	mg/Kg			4	6010B
7440-09-7	Potassium	1840	1060	113	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	168	1060	168	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	20.8	10.6	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	38.5	6.4	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.025	0.032	0.021	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 12:50

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6340	42.2	19.2	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.8	1.1	0.99	mg/Kg			4	6010B
7440-39-3	Barium	62.8	42.2	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.42	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	2880	1060	74.7	mg/Kg			4	6010B
7440-47-3	Chromium	15.9	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	6.4	10.6	0.90	mg/Kg	J		4	6010B
7440-50-8	Copper	14.5	5.3	2.0	mg/Kg			4	6010B
7439-89-6	Iron	12400	31.7	12.8	mg/Kg			4	6010B
7439-92-1	Lead	4.5	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	3840	1060	76.0	mg/Kg			4	6010B
7439-96-5	Manganese	187	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	13.1	8.4	0.93	mg/Kg			4	6010B
7440-09-7	Potassium	1840	1060	113	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	167	1060	167	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	18.4	10.6	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	29.0	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.023	0.034	0.023	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-19 | Lab Sample ID: 460-41730-13

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 12:55

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 85.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5270	44.0	20.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	76.4	44.0	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.44	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.34	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	2930	1100	77.8	mg/Kg			4	6010B
7440-47-3	Chromium	12.2	2.2	0.95	mg/Kg			4	6010B
7440-48-4	Cobalt	3.7	11.0	0.94	mg/Kg	J		4	6010B
7440-50-8	Copper	16.6	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	11000	33.0	13.3	mg/Kg			4	6010B
7439-92-1	Lead	28.5	1.1	0.95	mg/Kg			4	6010B
7439-95-4	Magnesium	3900	1100	79.1	mg/Kg			4	6010B
7439-96-5	Manganese	88.2	3.3	0.97	mg/Kg			4	6010B
7440-02-0	Nickel	9.4	8.8	0.97	mg/Kg			4	6010B
7440-09-7	Potassium	1360	1100	118	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	4.4	2.2	0.22	mg/Kg			4	6010B
7440-23-5	Sodium	174	1100	174	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	13.1	11.0	0.84	mg/Kg			4	6010B
7440-66-6	Zinc	83.7	6.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	1.4	0.037	0.025	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 13:00

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10500	45.6	20.7	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.3	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	112	45.6	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.46	0.16	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.33	1.1	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	3500	1140	80.6	mg/Kg			4	6010B
7440-47-3	Chromium	29.7	2.3	0.98	mg/Kg			4	6010B
7440-48-4	Cobalt	8.4	11.4	0.97	mg/Kg	J		4	6010B
7440-50-8	Copper	23.7	5.7	2.2	mg/Kg			4	6010B
7439-89-6	Iron	20100	34.2	13.8	mg/Kg			4	6010B
7439-92-1	Lead	23.6	1.1	0.98	mg/Kg			4	6010B
7439-95-4	Magnesium	4940	1140	82.0	mg/Kg			4	6010B
7439-96-5	Manganese	289	3.4	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	19.8	9.1	1.0	mg/Kg			4	6010B
7440-09-7	Potassium	2600	1140	122	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	1.0	2.3	0.23	mg/Kg	J		4	6010B
7440-23-5	Sodium	180	1140	180	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	34.4	11.4	0.87	mg/Kg			4	6010B
7440-66-6	Zinc	92.4	6.8	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.41	0.039	0.026	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-21 Lab Sample ID: 460-41730-15

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 09:20

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 88.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6010	43.1	19.6	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.2	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.7	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	53.1	43.1	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.43	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	2860	1080	76.2	mg/Kg			4	6010B
7440-47-3	Chromium	14.3	2.2	0.93	mg/Kg			4	6010B
7440-48-4	Cobalt	5.3	10.8	0.92	mg/Kg	J		4	6010B
7440-50-8	Copper	13.1	5.4	2.1	mg/Kg			4	6010B
7439-89-6	Iron	11600	32.3	13.0	mg/Kg			4	6010B
7439-92-1	Lead	4.0	1.1	0.93	mg/Kg			4	6010B
7439-95-4	Magnesium	3810	1080	77.5	mg/Kg			4	6010B
7439-96-5	Manganese	191	3.2	0.95	mg/Kg			4	6010B
7440-02-0	Nickel	12.1	8.6	0.95	mg/Kg			4	6010B
7440-09-7	Potassium	1590	1080	115	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	170	1080	170	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	17.0	10.8	0.83	mg/Kg			4	6010B
7440-66-6	Zinc	25.8	6.5	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.025	0.037	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-22 Lab Sample ID: 460-41730-16

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 11:24

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 92.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7540	40.3	18.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.1	1.0	0.95	mg/Kg			4	6010B
7440-39-3	Barium	157	40.3	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.40	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.61	1.0	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	1660	1010	71.4	mg/Kg			4	6010B
7440-47-3	Chromium	19.7	2.0	0.87	mg/Kg			4	6010B
7440-48-4	Cobalt	5.8	10.1	0.86	mg/Kg	J		4	6010B
7440-50-8	Copper	46.7	5.0	2.0	mg/Kg			4	6010B
7439-89-6	Iron	14500	30.2	12.2	mg/Kg			4	6010B
7439-92-1	Lead	108	1.0	0.87	mg/Kg			4	6010B
7439-95-4	Magnesium	3660	1010	72.6	mg/Kg			4	6010B
7439-96-5	Manganese	222	3.0	0.89	mg/Kg			4	6010B
7440-02-0	Nickel	13.1	8.1	0.89	mg/Kg			4	6010B
7440-09-7	Potassium	2160	1010	108	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	5.0	2.0	0.20	mg/Kg			4	6010B
7440-23-5	Sodium	159	1010	159	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	21.5	10.1	0.77	mg/Kg			4	6010B
7440-66-6	Zinc	136	6.0	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	1.2	0.032	0.022	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 11:32

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 39.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7920	92.5	42.1	mg/Kg			4	6010B
7440-36-0	Antimony	2.9	4.6	2.9	mg/Kg	U		4	6010B
7440-38-2	Arsenic	10	2.3	2.2	mg/Kg			4	6010B
7440-39-3	Barium	1190	92.5	2.6	mg/Kg			4	6010B
7440-41-7	Beryllium	0.33	0.93	0.33	mg/Kg	U		4	6010B
7440-43-9	Cadmium	15.1	2.3	0.34	mg/Kg			4	6010B
7440-70-2	Calcium	14400	2310	164	mg/Kg			4	6010B
7440-47-3	Chromium	36.0	4.6	2.0	mg/Kg			4	6010B
7440-48-4	Cobalt	5.7	23.1	2.0	mg/Kg	J		4	6010B
7440-50-8	Copper	718	11.6	4.5	mg/Kg			4	6010B
7439-89-6	Iron	19600	69.4	28.0	mg/Kg			4	6010B
7439-92-1	Lead	544	2.3	2.0	mg/Kg			4	6010B
7439-95-4	Magnesium	4140	2310	167	mg/Kg			4	6010B
7439-96-5	Manganese	170	6.9	2.0	mg/Kg			4	6010B
7440-02-0	Nickel	28.9	18.5	2.0	mg/Kg			4	6010B
7440-09-7	Potassium	1490	2310	248	mg/Kg	J		4	6010B
7782-49-2	Selenium	3.3	4.6	3.1	mg/Kg	J		4	6010B
7440-22-4	Silver	56.4	4.6	0.46	mg/Kg			4	6010B
7440-23-5	Sodium	366	2310	366	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.6	4.6	2.6	mg/Kg	U		4	6010B
7440-62-2	Vanadium	23.3	23.1	1.8	mg/Kg			4	6010B
7440-66-6	Zinc	2850	34.7	6.2	mg/Kg			10	6010B
7439-97-6	Mercury	3.6	0.083	0.055	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:10

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 90.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7000	39.8	18.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.6	0.99	0.93	mg/Kg			4	6010B
7440-39-3	Barium	73.2	39.8	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.14	0.40	0.14	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.16	0.99	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	1780	994	70.4	mg/Kg			4	6010B
7440-47-3	Chromium	16.7	2.0	0.85	mg/Kg			4	6010B
7440-48-4	Cobalt	6.6	9.9	0.85	mg/Kg	J		4	6010B
7440-50-8	Copper	14.4	5.0	1.9	mg/Kg			4	6010B
7439-89-6	Iron	13400	29.8	12.0	mg/Kg			4	6010B
7439-92-1	Lead	6.3	0.99	0.85	mg/Kg			4	6010B
7439-95-4	Magnesium	3980	994	71.6	mg/Kg			4	6010B
7439-96-5	Manganese	273	3.0	0.87	mg/Kg			4	6010B
7440-02-0	Nickel	13.9	8.0	0.87	mg/Kg			4	6010B
7440-09-7	Potassium	2000	994	106	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	157	994	157	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	20.3	9.9	0.76	mg/Kg			4	6010B
7440-66-6	Zinc	31.8	6.0	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.022	0.033	0.022	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-25 | Lab Sample ID: 460-41730-19

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:15

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 90.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10100	39.3	17.9	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.0	0.98	0.92	mg/Kg			4	6010B
7440-39-3	Barium	107	39.3	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.39	0.14	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.28	0.98	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	2120	983	69.6	mg/Kg			4	6010B
7440-47-3	Chromium	23.3	2.0	0.85	mg/Kg			4	6010B
7440-48-4	Cobalt	7.9	9.8	0.84	mg/Kg	J		4	6010B
7440-50-8	Copper	20.1	4.9	1.9	mg/Kg			4	6010B
7439-89-6	Iron	18500	29.5	11.9	mg/Kg			4	6010B
7439-92-1	Lead	17.3	0.98	0.85	mg/Kg			4	6010B
7439-95-4	Magnesium	4420	983	70.8	mg/Kg			4	6010B
7439-96-5	Manganese	404	2.9	0.87	mg/Kg			4	6010B
7440-02-0	Nickel	17.3	7.9	0.87	mg/Kg			4	6010B
7440-09-7	Potassium	2300	983	105	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.52	2.0	0.20	mg/Kg	J		4	6010B
7440-23-5	Sodium	155	983	155	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	29.0	9.8	0.76	mg/Kg			4	6010B
7440-66-6	Zinc	68.6	5.9	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.23	0.037	0.024	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-26 Lab Sample ID: 460-41730-20

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 13:22

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 88.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11100	40.9	18.6	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.2	1.0	0.96	mg/Kg			4	6010B
7440-39-3	Barium	118	40.9	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.41	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.19	1.0	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	4810	1020	72.4	mg/Kg			4	6010B
7440-47-3	Chromium	27.2	2.0	0.88	mg/Kg			4	6010B
7440-48-4	Cobalt	8.9	10.2	0.87	mg/Kg	J		4	6010B
7440-50-8	Copper	18.7	5.1	2.0	mg/Kg			4	6010B
7439-89-6	Iron	20300	30.7	12.4	mg/Kg			4	6010B
7439-92-1	Lead	6.5	1.0	0.88	mg/Kg			4	6010B
7439-95-4	Magnesium	5390	1020	73.6	mg/Kg			4	6010B
7439-96-5	Manganese	265	3.1	0.90	mg/Kg			4	6010B
7440-02-0	Nickel	19.6	8.2	0.90	mg/Kg			4	6010B
7440-09-7	Potassium	2920	1020	109	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.0	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	162	1020	162	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	34.8	10.2	0.79	mg/Kg			4	6010B
7440-66-6	Zinc	42.7	6.1	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.023	0.035	0.023	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:55

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 88.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4970	40.4	18.4	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.0	0.95	mg/Kg			4	6010B
7440-39-3	Barium	37.1	40.4	1.2	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.15	0.40	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	1220	1010	71.6	mg/Kg			4	6010B
7440-47-3	Chromium	11.4	2.0	0.87	mg/Kg			4	6010B
7440-48-4	Cobalt	4.2	10.1	0.86	mg/Kg	J		4	6010B
7440-50-8	Copper	9.1	5.1	2.0	mg/Kg			4	6010B
7439-89-6	Iron	8830	30.3	12.2	mg/Kg			4	6010B
7439-92-1	Lead	3.5	1.0	0.87	mg/Kg			4	6010B
7439-95-4	Magnesium	2250	1010	72.8	mg/Kg			4	6010B
7439-96-5	Manganese	208	3.0	0.89	mg/Kg			4	6010B
7440-02-0	Nickel	9.8	8.1	0.89	mg/Kg			4	6010B
7440-09-7	Potassium	951	1010	108	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	160	1010	160	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.9	10.1	0.78	mg/Kg			4	6010B
7440-66-6	Zinc	18.8	6.1	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.024	0.036	0.024	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-28 Lab Sample ID: 460-41730-22

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/26/2012 14:20

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6930	39.9	18.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.5	1.0	0.94	mg/Kg			4	6010B
7440-39-3	Barium	46.2	39.9	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.40	0.14	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.18	1.0	0.15	mg/Kg	J		4	6010B
7440-70-2	Calcium	1360	997	70.6	mg/Kg			4	6010B
7440-47-3	Chromium	14.4	2.0	0.86	mg/Kg			4	6010B
7440-48-4	Cobalt	6.1	10	0.85	mg/Kg	J		4	6010B
7440-50-8	Copper	13.4	5.0	1.9	mg/Kg			4	6010B
7439-89-6	Iron	12300	29.9	12.1	mg/Kg			4	6010B
7439-92-1	Lead	5.3	1.0	0.86	mg/Kg			4	6010B
7439-95-4	Magnesium	3230	997	71.8	mg/Kg			4	6010B
7439-96-5	Manganese	140	3.0	0.88	mg/Kg			4	6010B
7440-02-0	Nickel	13.5	8.0	0.88	mg/Kg			4	6010B
7440-09-7	Potassium	1260	997	107	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	157	997	157	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	17.9	10	0.77	mg/Kg			4	6010B
7440-66-6	Zinc	28.2	6.0	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.023	0.035	0.023	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FD-J
Lab Sample ID: 460-41730-23
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/26/2012 00:00
Reporting Basis: DRY
Date Received: 06/26/2012 18:45
% Solids: 89.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4840	41.6	18.9	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.0	0.98	mg/Kg			4	6010B
7440-39-3	Barium	34.0	41.6	1.2	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.15	0.42	0.15	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	1190	1040	73.6	mg/Kg			4	6010B
7440-47-3	Chromium	10.5	2.1	0.89	mg/Kg			4	6010B
7440-48-4	Cobalt	4.0	10.4	0.89	mg/Kg	J		4	6010B
7440-50-8	Copper	9.0	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	9090	31.2	12.6	mg/Kg			4	6010B
7439-92-1	Lead	2.9	1.0	0.89	mg/Kg			4	6010B
7439-95-4	Magnesium	2240	1040	74.8	mg/Kg			4	6010B
7439-96-5	Manganese	159	3.1	0.91	mg/Kg			4	6010B
7440-02-0	Nickel	9.4	8.3	0.91	mg/Kg			4	6010B
7440-09-7	Potassium	924	1040	111	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.21	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	164	1040	164	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.5	10.4	0.80	mg/Kg			4	6010B
7440-66-6	Zinc	19.0	6.2	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.024	0.037	0.024	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	ICV 460-117763/6 06/27/2012 18:16				CCV 460-117763/18 06/27/2012 18:59				CCV 460-117763/30 06/27/2012 19:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123800		125000	99	122900		125000	98	123500		125000	99
Antimony	1000		1000	100	1008		1000	101	992.1		1000	99
Arsenic	2473		2500	99	2477		2500	99	2446		2500	98
Barium	10020		10000	100	10040		10000	100	9976		10000	100
Beryllium	993.8		1000	99	972.8		1000	97	989.1		1000	99
Cadmium	1259		1250	101	1262		1250	101	1249		1250	100
Calcium	124600		125000	100	122300		125000	98	124800		125000	100
Chromium	5032		5000	101	5057		5000	101	4993		5000	100
Cobalt	2490		2500	100	2490		2500	100	2478		2500	99
Copper	12430		12500	99	12140		12500	97	12380		12500	99
Iron	100000		100000	100	100100		100000	100	99320		100000	99
Lead	7566		7500	101	7576		7500	101	7516		7500	100
Magnesium	123300		125000	99	124300		125000	99	121900		125000	98
Manganese	5101		5000	102	5063		5000	101	5085		5000	102
Nickel	2524		2500	101	2528		2500	101	2511		2500	100
Potassium	49130		50000	98	47860		50000	96	48680		50000	97
Selenium	2430		2500	97	2442		2500	98	2401		2500	96
Silver	1240		1250	99	1236		1250	99	1236		1250	99
Sodium	122200		125000	98	120900		125000	97	122300		125000	98
Thallium	2559		2500	102	2561		2500	102	2541		2500	102
Vanadium	2486		2500	99	2483		2500	99	2474		2500	99
Zinc	2475		2500	99	2482		2500	99	2464		2500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	CCV 460-117763/42 06/27/2012 20:25				CCV 460-117763/54 06/27/2012 21:08				CCV 460-117763/66 06/27/2012 21:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	122400		125000	98	121500		125000	97	121000		125000	97
Antimony	1001		1000	100	990.1		1000	99	977.2		1000	98
Arsenic	2467		2500	99	2474		2500	99	2435		2500	97
Barium	10010		10000	100	9986		10000	100	9884		10000	99
Beryllium	959.4		1000	96	955.4		1000	96	964.1		1000	96
Cadmium	1256		1250	100	1258		1250	101	1242		1250	99
Calcium	121800		125000	97	121200		125000	97	122500		125000	98
Chromium	5058		5000	101	5106		5000	102	5063		5000	101
Cobalt	2482		2500	99	2495		2500	100	2480		2500	99
Copper	11930		12500	95	11770		12500	94	11810		12500	94
Iron	99840		100000	100	100200		100000	100	99340		100000	99
Lead	7543		7500	101	7567		7500	101	7496		7500	100
Magnesium	123800		125000	99	125300		125000	100	123300		125000	99
Manganese	5049		5000	101	5076		5000	102	5080		5000	102
Nickel	2527		2500	101	2549		2500	102	2536		2500	101
Potassium	47590		50000	95	47160		50000	94	47490		50000	95
Selenium	2419		2500	97	2439		2500	98	2407		2500	96
Silver	1238		1250	99	1240		1250	99	1238		1250	99
Sodium	120200		125000	96	118000		125000	94	117100		125000	94
Thallium	2563		2500	103	2567		2500	103	2550		2500	102
Vanadium	2485		2500	99	2502		2500	100	2494		2500	100
Zinc	2463		2500	99	2459		2500	98	2429		2500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	CCV 460-117763/73 06/27/2012 22:16											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	120900		125000	97								
Antimony	980.6		1000	98								
Arsenic	2440		2500	98								
Barium	9903		10000	99								
Beryllium	957.0		1000	96								
Cadmium	1244		1250	100								
Calcium	121700		125000	97								
Chromium	5071		5000	101								
Cobalt	2480		2500	99								
Copper	11700		12500	94								
Iron	99390		100000	99								
Lead	7494		7500	100								
Magnesium	123500		125000	99								
Manganese	5058		5000	101								
Nickel	2538		2500	102								
Potassium	46940		50000	94								
Selenium	2415		2500	97								
Silver	1236		1250	99								
Sodium	116900		125000	94								
Thallium	2552		2500	102								
Vanadium	2492		2500	100								
Zinc	2429		2500	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_CCV_DUO_00054 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00054

Analyte	ICV 460-117861/6 06/28/2012 11:04				CCV 460-117861/18 06/28/2012 11:47				CCV 460-117861/30 06/28/2012 12:30			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125000		125000	100	124600		125000	100	124500		125000	100
Antimony	1022		1000	102	1017		1000	102	1012		1000	101
Arsenic	2503		2500	100	2486		2500	99	2474		2500	99
Barium	10140		10000	101	10100		10000	101	10070		10000	101
Beryllium	990.5		1000	99	981.3		1000	98	979.1		1000	98
Cadmium	1271		1250	102	1266		1250	101	1259		1250	101
Calcium	124900		125000	100	124000		125000	99	123900		125000	99
Chromium	5049		5000	101	5011		5000	100	4976		5000	100
Cobalt	2509		2500	100	2493		2500	100	2479		2500	99
Copper	12470		12500	100	12430		12500	99	12510		12500	100
Iron	100300		100000	100	99920		100000	100	99550		100000	100
Lead	7634		7500	102	7586		7500	101	7546		7500	101
Magnesium	124000		125000	99	123400		125000	99	122200		125000	98
Manganese	5088		5000	102	5060		5000	101	5052		5000	101
Nickel	2537		2500	101	2514		2500	101	2498		2500	100
Potassium	49270		50000	99	48940		50000	98	49010		50000	98
Selenium	2456		2500	98	2438		2500	98	2426		2500	97
Silver	1248		1250	100	1241		1250	99	1240		1250	99
Sodium	123800		125000	99	124300		125000	99	124600		125000	100
Thallium	2573		2500	103	2557		2500	102	2545		2500	102
Vanadium	2490		2500	100	2475		2500	99	2465		2500	99
Zinc	2501		2500	100	2494		2500	100	2485		2500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_CCV_DUO_00054 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00054

Analyte	CCV 460-117861/42 06/28/2012 13:14				CCV 460-117861/54 06/28/2012 13:56							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124600		125000	100	124300		125000	99				
Antimony	1016		1000	102	1035		1000	104				
Arsenic	2483		2500	99	2528		2500	101				
Barium	10090		10000	101	10200		10000	102				
Beryllium	970.6		1000	97	949.5		1000	95				
Cadmium	1261		1250	101	1281		1250	102				
Calcium	123100		125000	98	120600		125000	96				
Chromium	4967		5000	99	5038		5000	101				
Cobalt	2479		2500	99	2504		2500	100				
Copper	12460		12500	100	12140		12500	97				
Iron	99290		100000	99	100200		100000	100				
Lead	7552		7500	101	7637		7500	102				
Magnesium	122000		125000	98	124400		125000	100				
Manganese	5020		5000	100	5006		5000	100				
Nickel	2495		2500	100	2524		2500	101				
Potassium	48830		50000	98	48320		50000	97				
Selenium	2427		2500	97	2480		2500	99				
Silver	1235		1250	99	1244		1250	100				
Sodium	124600		125000	100	123500		125000	99				
Thallium	2543		2500	102	2573		2500	103				
Vanadium	2457		2500	98	2472		2500	99				
Zinc	2488		2500	100	2517		2500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_DQCS-INT_00549 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00549

Analyte	ICV 460-117626/31-A 06/27/2012 14:18				CCV 460-117626/32-A 06/27/2012 14:37				CCV 460-117626/32-A 06/27/2012 14:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	826.7		833	99	870.0		833	104	885.0		833	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_DQCS-INT_00549 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00549

Analyte	CCV 460-117626/32-A 06/27/2012 15:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	896.7		833	108								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_DQCS-INT_00549 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00549

Analyte	ICV 460-117715/7-A 06/27/2012 20:01				CCV 460-117715/8-A 06/27/2012 20:25				CCV 460-117715/8-A 06/27/2012 20:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	816.7		833	98	825.0		833	99	818.3		833	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

ICV Source: ME_DQCS-INT_00549 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00549

Analyte	CCV 460-117715/8-A 06/27/2012 21:05											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	836.7		833	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117763/7 06/27/2012 18:19		CCB 460-117763/19 06/27/2012 19:02		CCB 460-117763/31 06/27/2012 19:45		CCB 460-117763/43 06/27/2012 20:28	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-117763/55 06/27/2012 21:11		CCB 460-117763/67 06/27/2012 21:54		CCB 460-117763/74 06/27/2012 22:19			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U		
Antimony	10.0	7.4	U	7.4	U	7.4	U		
Arsenic	5.0	3.7	U	3.7	U	3.7	U		
Barium	200	5.9	U	5.9	U	5.9	U		
Beryllium	2.0	0.78	U	0.78	U	0.78	U		
Cadmium	5.0	0.82	U	0.82	U	0.82	U		
Calcium	5000	305	U	305	U	305	U		
Chromium	10.0	4.5	U	4.5	U	4.5	U		
Cobalt	50.0	4.3	U	4.3	U	4.3	U		
Copper	25.0	7.8	U	7.8	U	7.8	U		
Iron	150	73.6	U	73.6	U	73.6	U		
Lead	5.0	4.0	U	4.0	U	4.0	U		
Magnesium	5000	321	U	321	U	321	U		
Manganese	15.0	4.3	U	4.3	U	4.3	U		
Nickel	40.0	5.0	U	5.0	U	5.0	U		
Potassium	5000	525	U	525	U	525	U		
Selenium	10.0	5.8	U	5.8	U	5.8	U		
Silver	10.0	1.3	U	1.3	U	1.3	U		
Sodium	5000	821	U	821	U	821	U		
Thallium	10.0	5.2	U	5.2	U	5.2	U		
Vanadium	50.0	4.0	U	4.0	U	4.0	U		
Zinc	30.0	5.8	U	5.8	U	5.8	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117861/7 06/28/2012 11:07		CCB 460-117861/19 06/28/2012 11:50		CCB 460-117861/31 06/28/2012 12:34		CCB 460-117861/43 06/28/2012 13:17	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-117861/55 06/28/2012 14:00							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U						
Antimony	10.0	7.4	U						
Arsenic	5.0	3.7	U						
Barium	200	5.9	U						
Beryllium	2.0	0.78	U						
Cadmium	5.0	0.82	U						
Calcium	5000	305	U						
Chromium	10.0	4.5	U						
Cobalt	50.0	4.3	U						
Copper	25.0	7.8	U						
Iron	150	73.6	U						
Lead	5.0	4.0	U						
Magnesium	5000	321	U						
Manganese	15.0	4.3	U						
Nickel	40.0	5.0	U						
Potassium	5000	525	U						
Selenium	10.0	5.8	U						
Silver	10.0	1.3	U						
Sodium	5000	821	U						
Thallium	10.0	5.2	U						
Vanadium	50.0	4.0	U						
Zinc	30.0	5.8	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117692/8 06/27/2012 14:20		CCB 460-117692/18 06/27/2012 14:39		CCB 460-117692/28 06/27/2012 14:58		CCB 460-117692/39 06/27/2012 15:19	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117735/8 06/27/2012 20:03		CCB 460-117735/20 06/27/2012 20:27		CCB 460-117735/32 06/27/2012 20:53		CCB 460-117735/39 06/27/2012 21:07	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117597/1-A ^2

Instrument Code: ICP4 Batch No.: 117763

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117600/1-A ^2

Instrument Code: ICP4 Batch No.: 117763

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117761/1-A ^2

Instrument Code: ICP4 Batch No.: 117861

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117626/1-A

Instrument Code: LEEMAN3 Batch No.: 117692

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117715/10-A

Instrument Code: LEEMAN5 Batch No.: 117735

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSA 460-117763/8 Instrument ID: ICP4

Lab File ID: 06272012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**500000**	**100**
Antimony		**-0.364**	
Arsenic		**-1.88**	
Barium		**-2.08**	
Beryllium		**0.0761**	
Cadmium		**0.216**	
Calcium	**500000**	**477000**	**95**
Chromium		**-0.271**	
Cobalt		**-0.433**	
Copper		**-4.05**	
Iron	**200000**	**197500**	**99**
Lead		**0.233**	
Magnesium	**500000**	**511000**	**102**
Manganese		**-3.13**	
Nickel		**-0.166**	
Potassium		**-164**	
Selenium		**-5.50**	
Silver		**-1.19**	
Sodium		**12.3**	
Thallium		**0.0671**	
Vanadium		**-3.14**	
Zinc		**0.442**	
Boron		*1.19*	
Molybdenum		*-2.47*	
Strontium		*-0.178*	
Tin		*2.28*	
Titanium		*-5.32*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSAB 460-117763/9 Instrument ID: ICP4

Lab File ID: 06272012A.asc ICS Source: ME_ICSAB_DUO_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**499700**	**100**
Antimony	**100**	**92.8**	**93**
Arsenic	**100**	**96.5**	**96**
Barium	**100**	**97.5**	**98**
Beryllium	**100**	**97.8**	**98**
Cadmium	**100**	**96.7**	**97**
Calcium	**500000**	**477700**	**96**
Chromium	**100**	**97.7**	**98**
Cobalt	**100**	**94.8**	**95**
Copper	**100**	**92.9**	**93**
Iron	**200000**	**197300**	**99**
Lead	**100**	**98.4**	**98**
Magnesium	**500000**	**507000**	**101**
Manganese	**100**	**96.8**	**97**
Nickel	**100**	**93.7**	**94**
Potassium	**10000**	**10180**	**102**
Selenium	**100**	**93.1**	**93**
Silver	**100**	**105**	**105**
Sodium	**10000**	**10460**	**105**
Thallium	**100**	**93.8**	**94**
Vanadium	**100**	**95.0**	**95**
Zinc	**100**	**96.0**	**96**
Boron	*100*	*99.2*	*99*
Molybdenum	*100*	*94.1*	*94*
Strontium	*100*	*102*	*102*
Tin	*100*	*99.4*	*99*
Titanium	*100*	*93.1*	*93*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSA 460-117861/8 Instrument ID: ICP4

Lab File ID: 06282012.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**506700**	**101**
Antimony		**-1.00**	
Arsenic		**1.12**	
Barium		**-1.04**	
Beryllium		**0.209**	
Cadmium		**1.09**	
Calcium	**500000**	**475900**	**95**
Chromium		**-0.474**	
Cobalt		**-0.524**	
Copper		**-5.21**	
Iron	**200000**	**199300**	**100**
Lead		**-0.171**	
Magnesium	**500000**	**516100**	**103**
Manganese		**-2.61**	
Nickel		**-0.205**	
Potassium		**-15.3**	
Selenium		**-0.199**	
Silver		**-1.33**	
Sodium		**36.7**	
Thallium		**1.24**	
Vanadium		**-4.31**	
Zinc		**4.09**	
Boron		*3.46*	
Molybdenum		*-2.88*	
Strontium		*0.0573*	
Tin		*1.41*	
Titanium		*-3.47*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSAB 460-117861/9 Instrument ID: ICP4

Lab File ID: 06282012.asc ICS Source: ME_ICSAB_DUO_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**501800**	**100**
Antimony	**100**	**90.2**	**90**
Arsenic	**100**	**97.9**	**98**
Barium	**100**	**97.3**	**97**
Beryllium	**100**	**97.8**	**98**
Cadmium	**100**	**96.3**	**96**
Calcium	**500000**	**478100**	**96**
Chromium	**100**	**96.9**	**97**
Cobalt	**100**	**94.4**	**94**
Copper	**100**	**97.3**	**97**
Iron	**200000**	**195600**	**98**
Lead	**100**	**97.1**	**97**
Magnesium	**500000**	**503600**	**101**
Manganese	**100**	**96.5**	**97**
Nickel	**100**	**92.6**	**93**
Potassium	**10000**	**10260**	**103**
Selenium	**100**	**97.8**	**98**
Silver	**100**	**104**	**104**
Sodium	**10000**	**10620**	**106**
Thallium	**100**	**94.2**	**94**
Vanadium	**100**	**93.2**	**93**
Zinc	**100**	**93.1**	**93**
Boron	*100*	*98.5*	*98*
Molybdenum	*100*	*93.2*	*93*
Strontium	*100*	*101*	*101*
Tin	*100*	*98.5*	*99*
Titanium	*100*	*95.0*	*95*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSA 460-117861/98 Instrument ID: ICP4

Lab File ID: 06282012.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**505200**	**101**
Antimony		**-0.798**	
Arsenic		**2.43**	
Barium		**-1.23**	
Beryllium		**-0.0433**	
Cadmium		**0.558**	
Calcium	**500000**	**457400**	**91**
Chromium		**-0.480**	
Cobalt		**-0.452**	
Copper		**-1.20**	
Iron	**200000**	**197100**	**99**
Lead		**2.41**	
Magnesium	**500000**	**501300**	**100**
Manganese		**-3.00**	
Nickel		**-0.335**	
Potassium		**-344**	
Selenium		**-1.62**	
Silver		**-1.98**	
Sodium		**-32.4**	
Thallium		**0.405**	
Vanadium		**-3.45**	
Zinc		**1.68**	
Boron		*1.94*	
Molybdenum		*-2.61*	
Strontium		*0.894*	
Tin		*2.25*	
Titanium		*-6.99*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Lab Sample ID: ICSAB 460-117861/99 Instrument ID: ICP4

Lab File ID: 06282012.asc ICS Source: ME_ICSAB_DUO_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**504300**	**101**
Antimony	**100**	**95.6**	**96**
Arsenic	**100**	**101**	**101**
Barium	**100**	**100**	**100**
Beryllium	**100**	**93.9**	**94**
Cadmium	**100**	**98.4**	**98**
Calcium	**500000**	**455700**	**91**
Chromium	**100**	**97.1**	**97**
Cobalt	**100**	**95.8**	**96**
Copper	**100**	**89.2**	**89**
Iron	**200000**	**196800**	**98**
Lead	**100**	**99.2**	**99**
Magnesium	**500000**	**499600**	**100**
Manganese	**100**	**95.1**	**95**
Nickel	**100**	**94.4**	**94**
Potassium	**10000**	**10100**	**101**
Selenium	**100**	**96.4**	**96**
Silver	**100**	**105**	**105**
Sodium	**10000**	**10660**	**107**
Thallium	**100**	**97.2**	**97**
Vanadium	**100**	**94.0**	**94**
Zinc	**100**	**98.0**	**98**
Boron	*100*	*97.8*	*98*
Molybdenum	*100*	*96.4*	*96*
Strontium	*100*	*102*	*102*
Tin	*100*	*100*	*100*
Titanium	*100*	*94.4*	*94*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SF-29 MS
Lab ID: 460-41730-5 MS
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 84.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10070		10800		223	-309	75-125	4	6010B
Antimony	38.99		1.4	U	55.8	70	75-125	F	6010B
Arsenic	201.1		2.4		223	89	75-125		6010B
Barium	308.4		103		223	92	75-125		6010B
Beryllium	5.23		0.17	U	5.58	94	75-125		6010B
Cadmium	5.49		0.24	J	5.58	94	75-125		6010B
Calcium	3968		2020		2230	87	75-125		6010B
Chromium	45.76		25.8		22.3	89	75-125		6010B
Cobalt	60.20		8.0	J	55.8	94	75-125		6010B
Copper	56.12		30.4		27.9	92	75-125		6010B
Iron	17140		19000		112	-1693	75-125	4	6010B
Lead	77.02		20.7		55.8	101	75-125		6010B
Magnesium	6121		4670		2230	65	75-125	F	6010B
Manganese	276.5		353		55.8	-138	75-125	4	6010B
Nickel	69.99		18.2		55.8	93	75-125		6010B
Potassium	4167		2370		2230	81	75-125		6010B
Selenium	196.5		1.5	U	223	88	75-125		6010B
Silver	6.06		0.71	J	5.58	96	75-125		6010B
Sodium	2045		183	U	2230	92	75-125		6010B
Thallium	224.4		1.3	U	223	100	75-125		6010B
Vanadium	79.59		30.5		55.8	88	75-125		6010B
Zinc	123.4		71.6		55.8	93	75-125		6010B
Mercury	0.517		0.21		0.197	156	75-125	F	7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: F-23 MS
Lab ID: 460-41730-17 MS
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 39.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10130		7920		499	443	75-125	4	6010B
Antimony	100.6		2.9	U	125	81	75-125		6010B
Arsenic	477.2		10		499	94	75-125		6010B
Barium	1734		1190		499	108	75-125		6010B
Beryllium	12.48		0.33	U	12.5	100	75-125		6010B
Cadmium	27.21		15.1		12.5	97	75-125		6010B
Calcium	24360		14400		4990	199	75-125	F	6010B
Chromium	89.43		36.0		49.9	107	75-125		6010B
Cobalt	132.4		5.7	J	125	102	75-125		6010B
Copper	747.5		718		62.4	47	75-125	4	6010B
Iron	22060		19600		250	975	75-125	4	6010B
Lead	703.1		544		125	128	75-125	4	6010B
Magnesium	12100		4140		4990	159	75-125	F	6010B
Manganese	337.3		170		125	134	75-125	F	6010B
Nickel	157.4		28.9		125	103	75-125		6010B
Potassium	6417		1490	J	4990	99	75-125		6010B
Selenium	465.4		3.3	J	499	93	75-125		6010B
Silver	66.46		56.4		12.5	81	75-125	4	6010B
Sodium	5009		366	U	4990	100	75-125		6010B
Thallium	527.3		2.6	U	499	106	75-125		6010B
Vanadium	146.9		23.3		125	99	75-125		6010B
Zinc	3181		2850		125	263	75-125	4	6010B
Mercury	3.06		3.6		0.420	-133	75-125	4	7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-41706-B-2-G MS ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 92.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	27130		21900		209	2502	75-125	4	6010B
Antimony	35.60		1.3	U	52.1	68	75-125	F	6010B
Arsenic	190.9		2.9		209	90	75-125		6010B
Barium	252.8		51.0		209	97	75-125		6010B
Beryllium	5.49		0.53		5.21	95	75-125		6010B
Cadmium	5.06		0.15	U	5.21	97	75-125		6010B
Calcium	2357		352	J	2090	96	75-125		6010B
Chromium	36.60		18.2		20.9	88	75-125		6010B
Cobalt	56.85		7.5	J	52.1	95	75-125		6010B
Copper	29.97		5.1		26.1	96	75-125		6010B
Iron	15780		16200		104	-391	75-125	4	6010B
Lead	58.68		7.2		52.1	99	75-125		6010B
Magnesium	2836		787	J	2090	98	75-125		6010B
Manganese	173.5		132		52.1	80	75-125		6010B
Nickel	61.48		9.7		52.1	99	75-125		6010B
Potassium	2188		274	J	2090	92	75-125		6010B
Selenium	186.5		1.4	U	209	89	75-125		6010B
Silver	4.61		0.20	U	5.21	88	75-125		6010B
Sodium	1938		162	U	2090	93	75-125		6010B
Thallium	210.8		1.2	U	209	101	75-125		6010B
Vanadium	74.26		23.9		52.1	97	75-125		6010B
Zinc	64.31		13.4		52.1	98	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: SF-29 PDS | Lab ID: 460-41730-5 PDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10930		10800		464	NC	75-125		6010B
Antimony	102.4		1.4	U	116	88	75-125		6010B
Arsenic	425.6		2.4		464	91	75-125		6010B
Barium	547.4		103		464	96	75-125		6010B
Beryllium	10.90		0.17	U	11.6	94	75-125		6010B
Cadmium	11.39		0.24	J	11.6	96	75-125		6010B
Calcium	6359		2020		4640	94	75-125		6010B
Chromium	70.78		25.8		46.4	97	75-125		6010B
Cobalt	120.3		8.0	J	116	97	75-125		6010B
Copper	83.68		30.4		58.0	92	75-125		6010B
Iron	18830		19000		232	NC	75-125		6010B
Lead	133.8		20.7		116	97	75-125		6010B
Magnesium	8874		4670		4640	91	75-125		6010B
Manganese	460.0		353		116	92	75-125		6010B
Nickel	132.2		18.2		116	98	75-125		6010B
Potassium	6414		2370		4640	87	75-125		6010B
Selenium	418.0		1.5	U	464	90	75-125		6010B
Silver	11.57		0.71	J	11.6	94	75-125		6010B
Sodium	4242		183	U	4640	91	75-125		6010B
Thallium	469.7		1.3	U	464	101	75-125		6010B
Vanadium	140.2		30.5		116	95	75-125		6010B
Zinc	179.2		71.6		116	93	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: F-23 PDS | Lab ID: 460-41730-17 PDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	8588		7920		925	72	75-125	W	6010B
Aluminum	9828		7370		2310	106	75-125		6010B
Antimony	550.0		7.2	U	578	95	75-125		6010B
Antimony	212.2		2.9	U	231	92	75-125		6010B
Arsenic	872.7		10		925	93	75-125		6010B
Arsenic	2207		11.2		2310	95	75-125		6010B
Barium	3483		1140		2310	101	75-125		6010B
Barium	2081		1190		925	96	75-125		6010B
Beryllium	22.60		0.33	U	23.1	98	75-125		6010B
Beryllium	55.86		0.83	U	57.8	97	75-125		6010B
Cadmium	72.86		14.5		57.8	101	75-125		6010B
Cadmium	37.64		15.1		23.1	97	75-125		6010B
Calcium	22850		14400		9250	91	75-125		6010B
Calcium	36130		13100		23100	100	75-125		6010B
Chromium	264.4		34.1		231	100	75-125		6010B
Chromium	126.5		36.0		92.5	98	75-125		6010B
Cobalt	236.3		5.7	J	231	100	75-125		6010B
Cobalt	591.2		5.6	J	578	101	75-125		6010B
Copper	944.1		640		289	105	75-125		6010B
Copper	796.3		718		116	68	75-125	W	6010B
Iron	19730		19600		463	NC	75-125		6010B
Iron	20410		18800		1160	NC	75-125		6010B
Lead	1119		524		578	103	75-125		6010B
Lead	759.3		544		231	93	75-125		6010B
Magnesium	12680		4140		9250	92	75-125		6010B
Magnesium	26110		4040	J	23100	95	75-125		6010B
Manganese	745.1		159		578	101	75-125		6010B
Manganese	395.8		170		231	98	75-125		6010B
Nickel	259.6		28.9		231	100	75-125		6010B
Nickel	614.7		27.4	J	578	102	75-125		6010B
Potassium	22780		1450	J	23100	92	75-125		6010B
Potassium	9944		1490	J	9250	91	75-125		6010B
Selenium	856.9		3.3	J	925	92	75-125		6010B
Selenium	2165		7.6	U	2310	94	75-125		6010B
Silver	111.1		54.3		57.8	98	75-125		6010B
Silver	77.78		56.4		23.1	92	75-125		6010B
Sodium	22490		914	U	23100	97	75-125		6010B
Sodium	8958		366	U	9250	97	75-125		6010B
Thallium	958.7		2.6	U	925	104	75-125		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: F-23 PDS | Lab ID: 460-41730-17 PDS

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Thallium	2465		6.5	U	2310	107	75-125		6010B
Vanadium	580.9		22.0	J	578	97	75-125		6010B
Vanadium	244.5		23.3		231	96	75-125		6010B
Zinc	3504		2850		578	113	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-41706-B-2-E PDS ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	22200		21900		409	NC	75-125		6010B
Antimony	90.31		1.3	U	102	88	75-125		6010B
Arsenic	376.5		2.9		409	91	75-125		6010B
Barium	447.9		51.0		409	97	75-125		6010B
Beryllium	10.22		0.53		10.2	95	75-125		6010B
Cadmium	9.90		0.15	U	10.2	97	75-125		6010B
Calcium	4248		352	J	4090	95	75-125		6010B
Chromium	58.46		18.2		40.9	98	75-125		6010B
Cobalt	106.5		7.5	J	102	97	75-125		6010B
Copper	53.53		5.1		51.2	95	75-125		6010B
Iron	16290		16200		205	NC	75-125		6010B
Lead	107.6		7.2		102	98	75-125		6010B
Magnesium	4571		787	J	4090	92	75-125		6010B
Manganese	232.6		132		102	99	75-125		6010B
Nickel	110.0		9.7		102	98	75-125		6010B
Potassium	3941		274	J	4090	90	75-125		6010B
Selenium	367.7		1.4	U	409	90	75-125		6010B
Silver	9.46		0.20	U	10.2	92	75-125		6010B
Sodium	3775		162	U	4090	92	75-125		6010B
Thallium	411.9		1.2	U	409	101	75-125		6010B
Vanadium	121.4		23.9		102	95	75-125		6010B
Zinc	110.6		13.4		102	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: SF-29 DU | Lab ID: 460-41730-5 DU

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

% Solids for Sample: 84.5 | % Solids for Duplicate: 84.5

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	45.1	10800		10140		6		6010B
Antimony	2.3	1.4	U	1.4	U	NC		6010B
Arsenic	1.1	2.4		1.90		25		6010B
Barium	45.1	103		115.6		11		6010B
Beryllium	0.45	0.17	U	0.16	U	NC		6010B
Cadmium	1.1	0.24	J	0.260	J	10		6010B
Calcium	1130	2020		1707		17		6010B
Chromium	2.3	25.8		24.60		5		6010B
Cobalt	11.3	8.0	J	7.61	J	5		6010B
Copper	5.6	30.4		30.86		1		6010B
Iron	33.8	19000		18540		3		6010B
Lead	1.1	20.7		32.73		45	F	6010B
Magnesium	1130	4670		4980		6		6010B
Manganese	3.4	353		240.5		38	F	6010B
Nickel	9.0	18.2		17.88		2		6010B
Potassium	1130	2370		2525		6		6010B
Selenium	2.3	1.5	U	1.5	U	NC		6010B
Silver	2.3	0.71	J	1.24	J	55		6010B
Sodium	1130	183	U	178	U	NC		6010B
Thallium	2.3	1.3	U	1.3	U	NC		6010B
Vanadium	11.3	30.5		28.97		5		6010B
Zinc	6.8	71.6		87.24		20		6010B
Mercury	0.039	0.21		0.217		4		7471A

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: F-23 DU | Lab ID: 460-41730-17 DU

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG No.:

% Solids for Sample: 39.7 | % Solids for Duplicate: 39.7

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	96.1	7920		8223		4		6010B
Antimony	4.8	2.9	U	3.0	U	NC		6010B
Arsenic	2.4	10		9.90		0.5		6010B
Barium	96.1	1190		1429		18		6010B
Beryllium	0.96	0.33	U	0.35	U	NC		6010B
Cadmium	2.4	15.1		14.29		6		6010B
Calcium	2400	14400		12880		11		6010B
Chromium	4.8	36.0		45.22		23	F	6010B
Cobalt	24.0	5.7	J	5.74	J	0.7		6010B
Copper	12.0	718		777.2		8		6010B
Iron	72.0	19600		19840		1		6010B
Lead	2.4	544		706.6		26	F	6010B
Magnesium	2400	4140		4032		3		6010B
Manganese	7.2	170		159.8		6		6010B
Nickel	19.2	28.9		30.45		5		6010B
Potassium	2400	1490	J	1678	J	12		6010B
Selenium	4.8	3.3	J	3.2	U	NC		6010B
Silver	4.8	56.4		66.67		17		6010B
Sodium	2400	366	U	379	U	NC		6010B
Thallium	4.8	2.6	U	2.7	U	NC		6010B
Vanadium	24.0	23.3		25.55		9		6010B
Zinc	36.0	2850		2922		2		6010B
Mercury	0.083	3.6		3.85		6		7471A

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-41706-B-2-F DU ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

% Solids for Sample: 92.2 % Solids for Duplicate: 92.2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	42.9	21900		20550		6		6010B
Antimony	2.1	1.3	U	1.3	U	NC		6010B
Arsenic	1.1	2.9		3.03		3		6010B
Barium	42.9	51.0		47.84		6		6010B
Beryllium	0.43	0.53		0.532		1		6010B
Cadmium	1.1	0.15	U	0.16	U	NC		6010B
Calcium	1070	352	J	391.2	J	11		6010B
Chromium	2.1	18.2		17.46		4		6010B
Cobalt	10.7	7.5	J	6.40	J	16		6010B
Copper	5.4	5.1		5.70		12		6010B
Iron	32.2	16200		17320		7		6010B
Lead	1.1	7.2		7.82		8		6010B
Magnesium	1070	787	J	995.5	J	23		6010B
Manganese	3.2	132		121.0		8		6010B
Nickel	8.6	9.7		9.76		0.7		6010B
Potassium	1070	274	J	330.3	J	19		6010B
Selenium	2.1	1.4	U	1.4	U	NC		6010B
Silver	2.1	0.20	U	0.21	U	NC		6010B
Sodium	1070	162	U	170	U	NC		6010B
Thallium	2.1	1.2	U	1.2	U	NC		6010B
Vanadium	10.7	23.9		27.06		12		6010B
Zinc	6.4	13.4		14.63		9		6010B

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

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-117597/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10000	6319		63	45	154		6010B
Antimony	112	184.7		165	20	253		6010B
Arsenic	235	230.9		98	71	129		6010B
Barium	250	252.7		101	74	126		6010B
Beryllium	92.4	96.61		105	74	125		6010B
Cadmium	189	207.3		110	73	126		6010B
Calcium	6770	7077		105	74	125		6010B
Chromium	127	136.3		108	70	129		6010B
Cobalt	176	196.3		111	74	125		6010B
Copper	122	130.0		107	75	125		6010B
Iron	13000	11740		91	33	167		6010B
Lead	102	109.2		107	71	128		6010B
Magnesium	2960	2596		88	66	134		6010B
Manganese	330	352.7		107	75	124		6010B
Nickel	117	133.3		114	73	127		6010B
Potassium	2840	2257		79	62	137		6010B
Selenium	109	107.9		99	66	134		6010B
Silver	46.8	46.00		98	66	133		6010B
Sodium	545	525.0	J	96	52	147		6010B
Thallium	156	172.7		110	68	131		6010B
Vanadium	118	122.4		104	68	131		6010B
Zinc	181	184.8		102	69	130		6010B

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-117600/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	9810	6295		64	45	154		6010B
Antimony	110	181.0		165	20	253		6010B
Arsenic	230	228.7		99	71	129		6010B
Barium	245	252.2		103	74	126		6010B
Beryllium	90.6	91.30		101	74	125		6010B
Cadmium	185	197.3		106	73	126		6010B
Calcium	6640	6705		101	74	125		6010B
Chromium	124	131.1		106	70	129		6010B
Cobalt	173	189.9		110	74	125		6010B
Copper	119	119.7		100	75	125		6010B
Iron	12700	11820		93	33	167		6010B
Lead	100	108.0		108	71	128		6010B
Magnesium	2900	2555		88	66	134		6010B
Manganese	323	355.9		110	75	124		6010B
Nickel	115	127.0		111	73	127		6010B
Potassium	2790	2198		79	62	137		6010B
Selenium	107	105.1		98	66	134		6010B
Silver	45.9	45.55		99	66	133		6010B
Sodium	534	501.0	J	94	52	147		6010B
Thallium	153	172.2		112	68	131		6010B
Vanadium	116	120.0		104	68	131		6010B
Zinc	178	179.5		101	69	130		6010B

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-117761/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-41730-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10100	5828		58	45	154		6010B
Antimony	113	175.9		156	20	253		6010B
Arsenic	237	218.0		92	71	129		6010B
Barium	252	237.6		94	74	126		6010B
Beryllium	93.3	88.54		95	74	125		6010B
Cadmium	191	188.3		99	73	126		6010B
Calcium	6840	6634		97	74	125		6010B
Chromium	128	122.5		96	70	129		6010B
Cobalt	178	179.8		101	74	125		6010B
Copper	123	118.2		96	75	125		6010B
Iron	13100	11010		84	33	167		6010B
Lead	103	101.7		99	71	128		6010B
Magnesium	2990	2410		81	66	134		6010B
Manganese	333	327.0		98	75	124		6010B
Nickel	118	119.6		101	73	127		6010B
Potassium	2870	2104		73	62	137		6010B
Selenium	110	100.6		91	66	134		6010B
Silver	47.3	42.92		91	66	133		6010B
Sodium	550	490.4	J	89	52	147		6010B
Thallium	158	165.7		105	68	131		6010B
Vanadium	119	110.7		93	68	131		6010B
Zinc	183	171.8		94	69	130		6010B

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-117626/2-A ^20

Lab Name: TestAmerica Edison Job No.: 460-41730-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	12.4	12.70		102	51	148		7471A

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-117715/11-A ^10

Lab Name: TestAmerica Edison Job No.: 460-41730-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	12.4	11.47		92	51	148		7471A

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-41730-5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41730-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	10800		10820		0.57		6010B
Antimony	1.4	U	7.2	U	NC		6010B
Arsenic	2.4		5.5	U	NC		6010B
Barium	103		103.9	J	0.54		6010B
Beryllium	0.17	U	0.84	U	NC		6010B
Cadmium	0.24	J	0.86	U	NC		6010B
Calcium	2020		2028	J	NC		6010B
Chromium	25.8		25.42		NC		6010B
Cobalt	8.0	J	8.54	J	NC		6010B
Copper	30.4		25.60	J	NC		6010B
Iron	19000		19260		1.2		6010B
Lead	20.7		21.15		NC		6010B
Magnesium	4670		4746	J	1.5		6010B
Manganese	353		357.0		1.0		6010B
Nickel	18.2		18.37	J	NC		6010B
Potassium	2370		2358	J	NC		6010B
Selenium	1.5	U	7.7	U	NC		6010B
Silver	0.71	J	1.2	U	NC		6010B
Sodium	183	U	917	U	NC		6010B
Thallium	1.3	U	6.6	U	NC		6010B
Vanadium	30.5		30.22	J	NC		6010B
Zinc	71.6		72.14		0.76		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-41730-17

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41730-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	7920		7783		1.8		6010B
Antimony	2.9	U	14.3	U	NC		6010B
Arsenic	10		10.9	U	NC		6010B
Barium	1190		1187		0.56		6010B
Beryllium	0.33	U	1.7	U	NC		6010B
Cadmium	15.1		15.12		NC		6010B
Calcium	14400		14210		1.5		6010B
Chromium	36.0		34.03		NC		6010B
Cobalt	5.7	J	9.9	U	NC		6010B
Copper	718		700.8		2.4		6010B
Iron	19600		19690		0.31		6010B
Lead	544		549.5		1.1		6010B
Magnesium	4140		4211	J	NC		6010B
Manganese	170		170.3		0.20		6010B
Nickel	28.9		29.45	J	NC		6010B
Potassium	1490	J	1402	J	NC		6010B
Selenium	3.3	J	15.3	U	NC		6010B
Silver	56.4		54.34		3.7		6010B
Sodium	366	U	1830	U	NC		6010B
Thallium	2.6	U	13.1	U	NC		6010B
Vanadium	23.3		22.64	J	NC		6010B
Zinc	2850		2865		0.45		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-41706-B-2-E SD ^20

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41730-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	21900		21950		0.19		6010B
Antimony	1.3	U	6.3	U	NC		6010B
Arsenic	2.9		4.8	U	NC		6010B
Barium	51.0		50.67	J	NC		6010B
Beryllium	0.53		0.74	U	NC		6010B
Cadmium	0.15	U	0.76	U	NC		6010B
Calcium	352	J	376.6	J	NC		6010B
Chromium	18.2		17.56		NC		6010B
Cobalt	7.5	J	7.80	J	NC		6010B
Copper	5.1		9.9	U	NC		6010B
Iron	16200		16180		0.05		6010B
Lead	7.2		8.06		NC		6010B
Magnesium	787	J	801.6	J	NC		6010B
Manganese	132		132.1		0.34		6010B
Nickel	9.7		10.11	J	NC		6010B
Potassium	274	J	547	U	NC		6010B
Selenium	1.4	U	6.8	U	NC		6010B
Silver	0.20	U	1.0	U	NC		6010B
Sodium	162	U	808	U	NC		6010B
Thallium	1.2	U	5.8	U	NC		6010B
Vanadium	23.9		23.54	J	NC		6010B
Zinc	13.4		16.09	J	NC		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-41730-5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41730-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.21		0.13	U	NC		7471A

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-41730-17

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41730-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	3.6		0.28	U	101		7471A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: ICP4

Method: 6010B MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		40	18.2
Antimony		2	1.24
Arsenic		1	0.94
Barium		40	1.14
Beryllium		0.4	0.144
Cadmium		1	0.148
Calcium		1000	70.8
Chromium		2	0.86
Cobalt		10	0.852
Copper		5	1.94
Iron		30	12.1
Lead		1	0.86
Magnesium		1000	72
Manganese		3	0.88
Nickel		8	0.88
Potassium		1000	107
Selenium		2	1.32
Silver		2	0.2
Sodium		1000	158
Thallium		2	1.13
Vanadium		10	0.768
Zinc		6	1.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: ICP4

Method: 6010B XMDL Date: 11/14/2011 14:14

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN3

Method: 7471A MDL Date: 03/23/2011 11:28

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN3

Method: 7471A XMDL Date: 11/14/2011 14:17

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A MDL Date: 03/23/2011 11:28

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A XMDL Date: 11/14/2011 14:17

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-41730-1

SDG No.:

Instrument ID: ICP4 Date: 01/05/2012 09:24

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		1000000	6010B
Antimony		8000	6010B
Arsenic		20000	6010B
Barium		80000	6010B
Beryllium		8000	6010B
Cadmium		10000	6010B
Calcium		1000000	6010B
Chromium		40000	6010B
Cobalt		20000	6010B
Copper		100000	6010B
Iron		800000	6010B
Lead		60000	6010B
Magnesium		1000000	6010B
Manganese		40000	6010B
Nickel		20000	6010B
Potassium		400000	6010B
Selenium		20000	6010B
Silver		10000	6010B
Sodium		1000000	6010B
Thallium		20000	6010B
Vanadium		20000	6010B
Zinc		20000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117597/1-A ^2	06/27/2012 07:39	117597	1.00		50
LCSSRM 460-117597/2-A ^4	06/27/2012 07:39	117597	1.01		50
460-41706-B-2-F DU ^4	06/27/2012 07:39	117597	1.01		50
460-41706-B-2-G MS ^4	06/27/2012 07:39	117597	1.04		50
460-41730-1	06/27/2012 07:39	117597	1.06		50
460-41730-2	06/27/2012 07:39	117597	1.01		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117600/1-A ^2	06/27/2012 07:50	117600	1.00		50
LCSSRM 460-117600/2-A ^4	06/27/2012 07:50	117600	1.03		50
460-41730-5	06/27/2012 07:50	117600	1.02		50
460-41730-5 DU	06/27/2012 07:50	117600	1.05		50
460-41730-5 MS	06/27/2012 07:50	117600	1.06		50
460-41730-3	06/27/2012 07:50	117600	1.14		50
460-41730-4	06/27/2012 07:50	117600	1.06		50
460-41730-6	06/27/2012 07:50	117600	1.04		50
460-41730-7	06/27/2012 07:50	117600	1.04		50
460-41730-8	06/27/2012 07:50	117600	1.12		50
460-41730-9	06/27/2012 07:50	117600	1.12		50
460-41730-10	06/27/2012 07:50	117600	1.10		50
460-41730-11	06/27/2012 07:50	117600	1.01		50
460-41730-12	06/27/2012 07:50	117600	1.04		50
460-41730-13	06/27/2012 07:50	117600	1.06		50
460-41730-14	06/27/2012 07:50	117600	1.04		50
460-41730-15	06/27/2012 07:50	117600	1.05		50
460-41730-16	06/27/2012 07:50	117600	1.07		50
460-41730-18	06/27/2012 07:50	117600	1.11		50
460-41730-19	06/27/2012 07:50	117600	1.13		50
460-41730-20	06/27/2012 07:50	117600	1.11		50
460-41730-21	06/27/2012 07:50	117600	1.12		50
460-41730-22	06/27/2012 07:50	117600	1.12		50
460-41730-23	06/27/2012 07:50	117600	1.07		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117761/1-A ^2	06/28/2012 06:33	117761	1.00		50
LCSSRM 460-117761/2-A ^4	06/28/2012 06:33	117761	1.00		50
460-41730-17	06/28/2012 06:33	117761	1.09		50
460-41730-17 DU	06/28/2012 06:33	117761	1.05		50
460-41730-17 MS	06/28/2012 06:33	117761	1.01		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117626/1-A	06/27/2012 10:17	117626	0.60		100
LCSSRM 460-117626/2-A ^20	06/27/2012 10:17	117626	0.60		100
460-41730-5	06/27/2012 10:17	117626	0.60		100
460-41730-5 DU	06/27/2012 10:17	117626	0.60		100
460-41730-5 MS	06/27/2012 10:17	117626	0.60		100
460-41730-1	06/27/2012 10:17	117626	0.64		100
460-41730-2	06/27/2012 10:17	117626	0.64		100
460-41730-3	06/27/2012 10:17	117626	0.62		100
460-41730-4	06/27/2012 10:17	117626	0.71		100
460-41730-6	06/27/2012 10:17	117626	0.66		100
460-41730-7	06/27/2012 10:17	117626	0.62		100
460-41730-8	06/27/2012 10:17	117626	0.63		100
460-41730-9	06/27/2012 10:17	117626	0.69		100
460-41730-10	06/27/2012 10:17	117626	0.72		100
460-41730-11	06/27/2012 10:17	117626	0.66		100
460-41730-12	06/27/2012 10:17	117626	0.64		100
460-41730-13	06/27/2012 10:17	117626	0.62		100
460-41730-14	06/27/2012 10:17	117626	0.60		100
460-41730-15	06/27/2012 10:17	117626	0.60		100
460-41730-16	06/27/2012 10:17	117626	0.66		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117715/10-A	06/27/2012 17:08	117715	0.60		100
LCSSRM 460-117715/11-A ^10	06/27/2012 17:08	117715	0.60		100
460-41730-17	06/27/2012 17:08	117715	0.60		100
460-41730-17 DU	06/27/2012 17:08	117715	0.60		100
460-41730-17 MS	06/27/2012 17:08	117715	0.60		100
460-41730-18	06/27/2012 17:08	117715	0.67		100
460-41730-19	06/27/2012 17:08	117715	0.60		100
460-41730-20	06/27/2012 17:08	117715	0.64		100
460-41730-21	06/27/2012 17:08	117715	0.62		100
460-41730-22	06/27/2012 17:08	117715	0.63		100
460-41730-23	06/27/2012 17:08	117715	0.60		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/27/2012 17:58 End Date: 06/27/2012 22:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			17:58																				
ZZZZZZ			18:02																				
ZZZZZZ			18:05																				
ZZZZZZ			18:09																				
ZZZZZZ			18:12																				
ICV 460-117763/6	1		18:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-117763/7	1		18:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-117763/8	1		18:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-117763/9	1		18:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:30																				
460-41706-B-2-F DU ^4	4	T	18:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:38																				
460-41706-B-2-E SD ^20	20	T	18:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41706-B-2-G MS ^4	4	T	18:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41706-B-2-E PDS ^4	4	T	18:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:52																				
LCSSRM 460-117597/2-A ^4	4	T	18:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117763/18	1		18:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/19	1		19:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-117597/1-A ^2	2	T	19:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:10																				
ZZZZZZ			19:13																				
ZZZZZZ			19:17																				
ZZZZZZ			19:21																				
ZZZZZZ			19:24																				
ZZZZZZ			19:28																				
ZZZZZZ			19:31																				
ZZZZZZ			19:35																				
ZZZZZZ			19:38																				
CCV 460-117763/30	1		19:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/31	1		19:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:49																				
ZZZZZZ			19:53																				
ZZZZZZ			19:56																				
ZZZZZZ			20:00																				
ZZZZZZ			20:03																				
ZZZZZZ			20:07																				
ZZZZZZ			20:11																				
460-41730-1	4	T	20:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-2	4	T	20:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/27/2012 17:58 End Date: 06/27/2012 22:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
LCSSRM 460-117600/2-A ^4	4	T	20:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117763/42	1		20:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/43	1		20:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-117600/1-A ^2	2	T	20:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-5 DU	4	T	20:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-5	4	T	20:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-5 SD	20	T	20:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-5 MS	4	T	20:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-5 PDS	4	T	20:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-3	4	T	20:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-4	4	T	20:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-6	4	T	21:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-7	4	T	21:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117763/54	1		21:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/55	1		21:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-8	4	T	21:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-9	4	T	21:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-10	4	T	21:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-11	4	T	21:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-12	4	T	21:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-13	4	T	21:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-14	4	T	21:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-15	4	T	21:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-16	4	T	21:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-18	4	T	21:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117763/66	1		21:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/67	1		21:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-19	4	T	21:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-20	4	T	22:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-21	4	T	22:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-22	4	T	22:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-23	4	T	22:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117763/73	1		22:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117763/74	1		22:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/27/2012 17:58 End Date: 06/27/2012 22:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			17:58																					
ZZZZZZ			18:02																					
ZZZZZZ			18:05																					
ZZZZZZ			18:09																					
ZZZZZZ			18:12																					
ICV 460-117763/6	1		18:16	X	X																			
ICB 460-117763/7	1		18:19	X	X																			
ICSA 460-117763/8	1		18:23	X	X																			
ICSAB 460-117763/9	1		18:27	X	X																			
ZZZZZZ			18:30																					
460-41706-B-2-F DU ^4	4	T	18:34	X	X																			
ZZZZZZ			18:38																					
460-41706-B-2-E SD ^20	20	T	18:41	X	X																			
460-41706-B-2-G MS ^4	4	T	18:45	X	X																			
460-41706-B-2-E PDS ^4	4	T	18:48	X	X																			
ZZZZZZ			18:52																					
LCSSRM 460-117597/2-A ^4	4	T	18:56	X	X																			
CCV 460-117763/18	1		18:59	X	X																			
CCB 460-117763/19	1		19:02	X	X																			
MB 460-117597/1-A ^2	2	T	19:06	X	X																			
ZZZZZZ			19:10																					
ZZZZZZ			19:13																					
ZZZZZZ			19:17																					
ZZZZZZ			19:21																					
ZZZZZZ			19:24																					
ZZZZZZ			19:28																					
ZZZZZZ			19:31																					
ZZZZZZ			19:35																					
ZZZZZZ			19:38																					
CCV 460-117763/30	1		19:42	X	X																			
CCB 460-117763/31	1		19:45	X	X																			
ZZZZZZ			19:49																					
ZZZZZZ			19:53																					
ZZZZZZ			19:56																					
ZZZZZZ			20:00																					
ZZZZZZ			20:03																					
ZZZZZZ			20:07																					
ZZZZZZ			20:11																					
460-41730-1	4	T	20:14	X	X																			
460-41730-2	4	T	20:18	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/27/2012 17:58 End Date: 06/27/2012 22:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
LCSSRM 460-117600/2-A ^4	4	T	20:21	X	X																			
CCV 460-117763/42	1		20:25	X	X																			
CCB 460-117763/43	1		20:28	X	X																			
MB 460-117600/1-A ^2	2	T	20:32	X	X																			
460-41730-5 DU	4	T	20:36	X	X																			
460-41730-5	4	T	20:39	X	X																			
460-41730-5 SD	20	T	20:43	X	X																			
460-41730-5 MS	4	T	20:47	X	X																			
460-41730-5 PDS	4	T	20:50	X	X																			
460-41730-3	4	T	20:53	X	X																			
460-41730-4	4	T	20:57	X	X																			
460-41730-6	4	T	21:01	X	X																			
460-41730-7	4	T	21:04	X	X																			
CCV 460-117763/54	1		21:08	X	X																			
CCB 460-117763/55	1		21:11	X	X																			
460-41730-8	4	T	21:15	X	X																			
460-41730-9	4	T	21:18	X	X																			
460-41730-10	4	T	21:22	X	X																			
460-41730-11	4	T	21:26	X	X																			
460-41730-12	4	T	21:29	X	X																			
460-41730-13	4	T	21:33	X	X																			
460-41730-14	4	T	21:36	X	X																			
460-41730-15	4	T	21:40	X	X																			
460-41730-16	4	T	21:44	X	X																			
460-41730-18	4	T	21:47	X	X																			
CCV 460-117763/66	1		21:51	X	X																			
CCB 460-117763/67	1		21:54	X	X																			
460-41730-19	4	T	21:58	X	X																			
460-41730-20	4	T	22:01	X	X																			
460-41730-21	4	T	22:05	X	X																			
460-41730-22	4	T	22:09	X	X																			
460-41730-23	4	T	22:12	X	X																			
CCV 460-117763/73	1		22:16	X	X																			
CCB 460-117763/74	1		22:19	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:54																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ICV 460-117861/6	1		11:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-117861/7	1		11:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-117861/8	1		11:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-117861/9	1		11:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:19																				
460-41730-17 DU	4	T	11:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-17	4	T	11:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-17 SD	20	T	11:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-17 MS	4	T	11:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-17 PDS	4	T	11:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:40																				
LCSSRM 460-117761/2-A ^4	4	T	11:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117861/18	1		11:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117861/19	1		11:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-117761/1-A ^2	2	T	11:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:58																				
ZZZZZZ			12:02																				
ZZZZZZ			12:05																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:27																				
CCV 460-117861/30	1		12:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117861/31	1		12:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:52																				
ZZZZZZ			12:56																				
ZZZZZZ			12:59																				
ZZZZZZ			13:03																				
ZZZZZZ			13:07																				
460-41730-17 DU	10	T	13:10																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-117861/42	1		13:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117861/43	1		13:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41730-17	10	T	13:21																				
460-41730-17 SD	50	T	13:25																				
460-41730-17 MS	10	T	13:28																				
460-41730-17 PDS	10	T	13:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:35																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
CCV 460-117861/54	1		13:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117861/55	1		14:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:03																				
ZZZZZZ			14:07																				
ZZZZZZ			14:11																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
ZZZZZZ			14:37																				
CCV 460-117861/66			14:40																				
CCB 460-117861/67			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:51																				
ZZZZZZ			14:55																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:06																				
ZZZZZZ			15:09																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
CCV 460-117861/78			15:24																				
CCB 460-117861/79			15:27																				
ZZZZZZ			15:31																				
ZZZZZZ			15:34																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:45																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
CCV 460-117861/90			16:07																				
CCB 460-117861/91			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:29																				
ZZZZZZ			16:33																				
ICSA 460-117861/98	1		16:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-117861/99	1		16:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117861/100			16:44																				
CCB 460-117861/101			16:47																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:54																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ICV 460-117861/6	1		11:04	X	X																		
ICB 460-117861/7	1		11:07	X	X																		
ICSA 460-117861/8	1		11:11	X	X																		
ICSAB 460-117861/9	1		11:15	X	X																		
ZZZZZZ			11:19																				
460-41730-17 DU	4	T	11:22	X																			
460-41730-17	4	T	11:26	X																			
460-41730-17 SD	20	T	11:30	X																			
460-41730-17 MS	4	T	11:33	X																			
460-41730-17 PDS	4	T	11:37	X																			
ZZZZZZ			11:40																				
LCSSRM 460-117761/2-A ^4	4	T	11:44	X	X																		
CCV 460-117861/18	1		11:47	X	X																		
CCB 460-117861/19	1		11:50	X	X																		
MB 460-117761/1-A ^2	2	T	11:54	X	X																		
ZZZZZZ			11:58																				
ZZZZZZ			12:02																				
ZZZZZZ			12:05																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:27																				
CCV 460-117861/30	1		12:30	X	X																		
CCB 460-117861/31	1		12:34	X	X																		
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:52																				
ZZZZZZ			12:56																				
ZZZZZZ			12:59																				
ZZZZZZ			13:03																				
ZZZZZZ			13:07																				
460-41730-17 DU	10	T	13:10		X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-117861/42	1		13:14	X	X																		
CCB 460-117861/43	1		13:17	X	X																		
460-41730-17	10	T	13:21		X																		
460-41730-17 SD	50	T	13:25		X																		
460-41730-17 MS	10	T	13:28		X																		
460-41730-17 PDS	10	T	13:32	X	X																		
ZZZZZZ			13:35																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
CCV 460-117861/54	1		13:56	X	X																		
CCB 460-117861/55	1		14:00	X	X																		
ZZZZZZ			14:03																				
ZZZZZZ			14:07																				
ZZZZZZ			14:11																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
ZZZZZZ			14:37																				
CCV 460-117861/66			14:40																				
CCB 460-117861/67			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:51																				
ZZZZZZ			14:55																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:06																				
ZZZZZZ			15:09																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
CCV 460-117861/78			15:24																				
CCB 460-117861/79			15:27																				
ZZZZZZ			15:31																				
ZZZZZZ			15:34																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/28/2012 10:46 End Date: 06/28/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:45																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
CCV 460-117861/90			16:07																				
CCB 460-117861/91			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:29																				
ZZZZZZ			16:33																				
ICSA 460-117861/98	1		16:36	X	X																		
ICSAB 460-117861/99	1		16:40	X	X																		
CCV 460-117861/100			16:44																				
CCB 460-117861/101			16:47																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7471A

Start Date: 06/27/2012 14:06 End Date: 06/27/2012 15:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-117626/25-A			14:06	X																			
IC 460-117626/26-A			14:08	X																			
IC 460-117626/27-A			14:10	X																			
IC 460-117626/28-A			14:12	X																			
IC 460-117626/29-A			14:14	X																			
IC 460-117626/30-A			14:16	X																			
ICV 460-117626/31-A	1		14:18	X																			
ICB 460-117692/8	1		14:20	X																			
MB 460-117626/1-A	1	T	14:22	X																			
LCSSRM 460-117626/2-A ^20	20	T	14:24	X																			
460-41730-5	1	T	14:26	X																			
460-41730-5 DU	1	T	14:28	X																			
460-41730-5 MS	1	T	14:29	X																			
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				
ZZZZZZ			14:35																				
CCV 460-117626/32-A	1		14:37	X																			
CCB 460-117692/18	1		14:39	X																			
ZZZZZZ			14:41																				
460-41730-1	1	T	14:43	X																			
460-41730-2	1	T	14:45	X																			
460-41730-3	1	T	14:47	X																			
460-41730-4	1	T	14:49	X																			
460-41730-6	1	T	14:50	X																			
460-41730-7	1	T	14:52	X																			
460-41730-8	1	T	14:54	X																			
CCV 460-117626/32-A	1		14:56	X																			
CCB 460-117692/28	1		14:58	X																			
460-41730-9	1	T	15:00	X																			
460-41730-10	1	T	15:02	X																			
460-41730-11	1	T	15:04	X																			
460-41730-12	1	T	15:06	X																			
460-41730-13	1	T	15:08	X																			
460-41730-14	1	T	15:10	X																			
460-41730-15	1	T	15:12	X																			
460-41730-16	1	T	15:13	X																			
460-41730-5 SD	5	T	15:15	X																			
CCV 460-117626/32-A	1		15:17	X																			
CCB 460-117692/39	1		15:19	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7471A

Start Date: 06/27/2012 14:06 End Date: 06/27/2012 15:19

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 06/27/2012 19:50 End Date: 06/27/2012 21:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-117715/1-A			19:50	X																			
IC 460-117715/2-A			19:51	X																			
IC 460-117715/3-A			19:53	X																			
IC 460-117715/4-A			19:55	X																			
IC 460-117715/5-A			19:58	X																			
IC 460-117715/6-A			19:59	X																			
ICV 460-117715/7-A	1		20:01	X																			
ICB 460-117735/8	1		20:03	X																			
MB 460-117715/10-A	1	T	20:05	X																			
LCSSRM 460-117715/11-A ^10	10	T	20:07	X																			
460-41730-17	1	T	20:09	X																			
460-41730-17 DU	1	T	20:12	X																			
460-41730-17 MS	1	T	20:13	X																			
460-41730-18	1	T	20:15	X																			
460-41730-19	1	T	20:17	X																			
460-41730-20	1	T	20:19	X																			
460-41730-21	1	T	20:21	X																			
460-41730-22	1	T	20:23	X																			
CCV 460-117715/8-A	1		20:25	X																			
CCB 460-117735/20	1		20:27	X																			
460-41730-23	1	T	20:29	X																			
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
ZZZZZZ			20:35																				
ZZZZZZ			20:37																				
ZZZZZZ			20:39																				
ZZZZZZ			20:43																				
ZZZZZZ			20:45																				
ZZZZZZ			20:47																				
ZZZZZZ			20:49																				
CCV 460-117715/8-A	1		20:51	X																			
CCB 460-117735/32	1		20:53	X																			
ZZZZZZ			20:55																				
ZZZZZZ			20:57																				
ZZZZZZ			20:59																				
ZZZZZZ			21:01																				
460-41730-17 SD	5	T	21:04	X																			
CCV 460-117715/8-A	1		21:05	X																			
CCB 460-117735/39	1		21:07	X																			
ZZZZZZ			21:09																				
ZZZZZZ			21:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

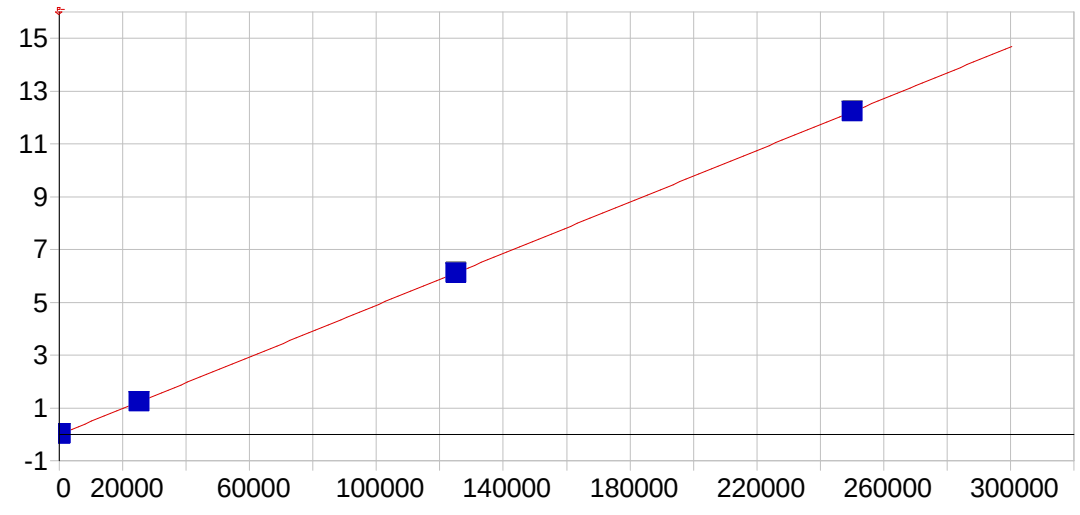
Instrument ID: LEEMAN5 Method: 7471A

Start Date: 06/27/2012 19:50 End Date: 06/27/2012 21:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			21:14																				
ZZZZZZ			21:17																				
ZZZZZZ			21:19																				
ZZZZZZ			21:21																				
ZZZZZZ			21:23																				
ZZZZZZ			21:25																				
ZZZZZZ			21:27																				
ZZZZZZ			21:30																				
CCV 460-117715/8-A			21:32																				
CCB 460-117735/51			21:33																				
ZZZZZZ			21:36																				
ZZZZZZ			21:38																				
ZZZZZZ			21:40																				
ZZZZZZ			21:42																				
ZZZZZZ			21:44																				
ZZZZZZ			21:46																				
ZZZZZZ			21:48																				
CCV 460-117715/8-A			21:50																				
CCB 460-117735/60			21:52																				

Prep Types

T = Total/NA

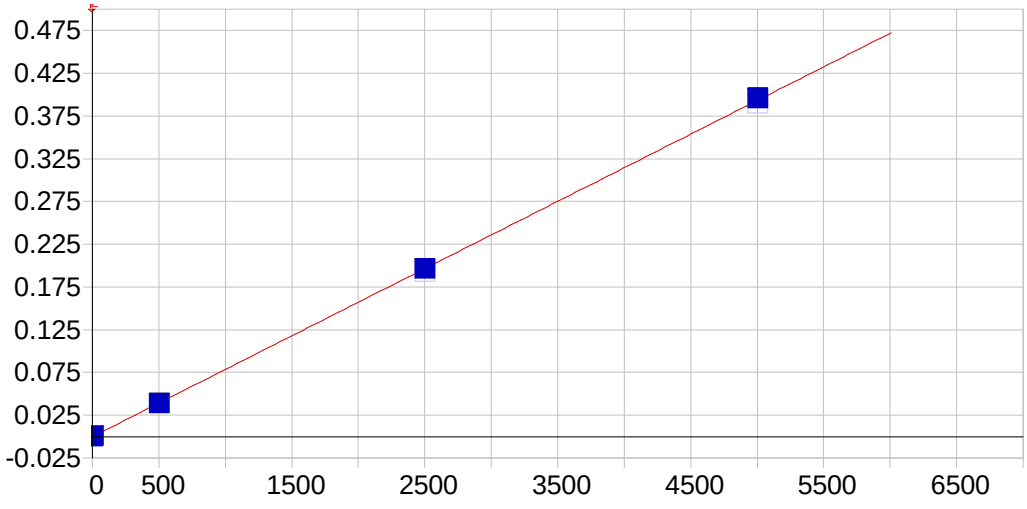


Al 396.152 { 85}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000918	Re-Slope:	1.000000
A1 (Gain):	0.000049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	24.038729		
Predicted MQL:	80.129096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00935	-.009	.000	-.00092	.001	1
DCAL1	200.00	209.28	9.28	4.64	.00930	.002	1
DCAL2	25000.	25028.	28.1	.112	1.2237	.005	1
DCAL3	125000.	124840.	-157.	-.126	6.1075	.012	1
DCAL4	250000.	250120.	120.	.048	12.237	.012	1



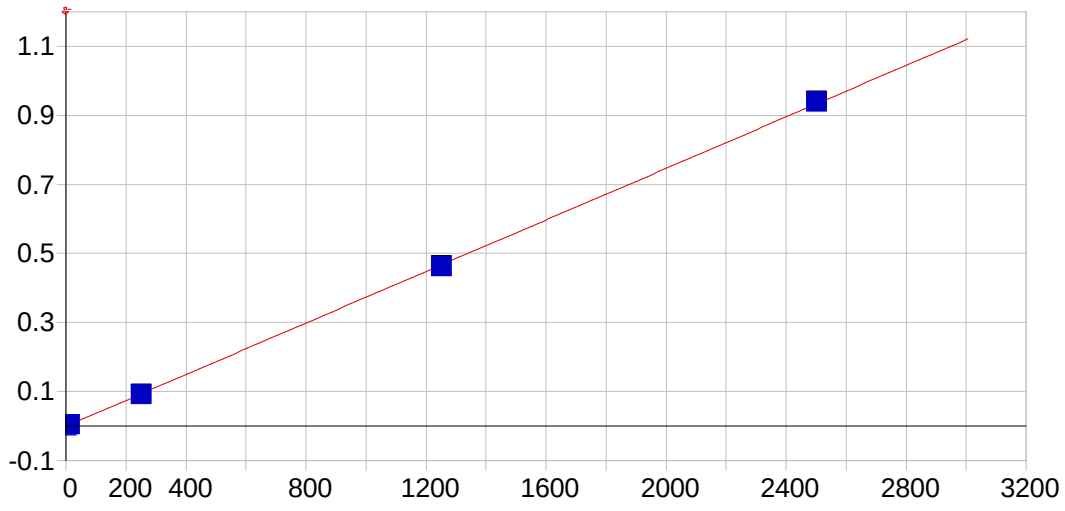
As 189.042 {478}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000091	Re-Slope:	1.000000
A1 (Gain):	0.000079	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000005		

Predicted MDL:	2.551452
Predicted MQL:	8.504838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00000	.000	.000	-.00009	.000	1
DCAL1	5.0000	5.1104	.110	2.21	.00030	.000	1
DCAL2	500.00	488.56	-11.4	-2.29	.03771	.000	1
DCAL3	2500.0	2488.0	-12.0	-.479	.19250	.000	1
DCAL4	5000.0	5023.3	23.3	.466	.38880	.001	1

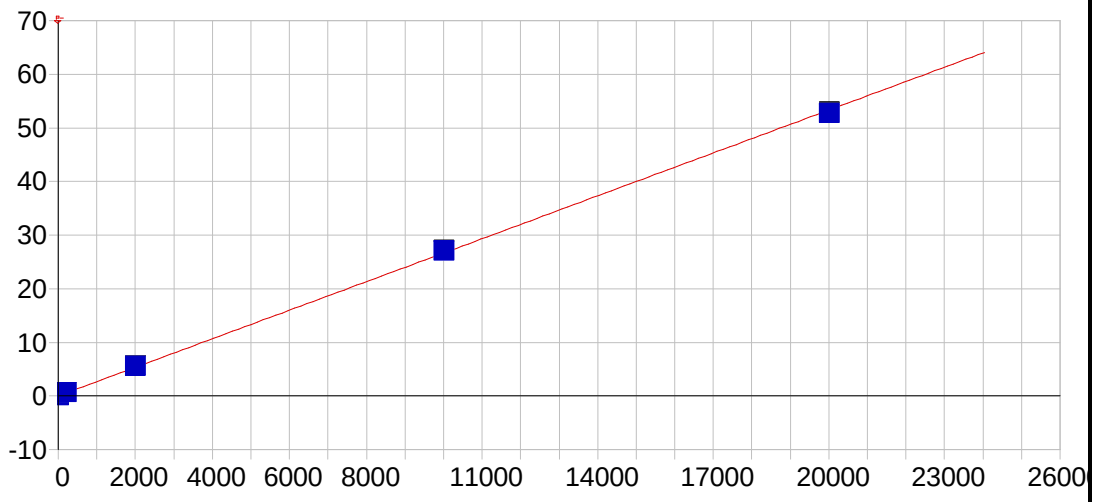


Ag 328.068 {103}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000116	Re-Slope:	1.000000
A1 (Gain):	0.000373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.769176		
Predicted MQL:	2.563918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00004	.000	.000	-.00012	.000	1
DCAL1	10.000	10.258	.258	2.58	.00370	.000	1
DCAL2	250.00	242.81	-7.19	-2.88	.09022	.000	1
DCAL3	1250.0	1239.3	-10.7	-.853	.46098	.001	1
DCAL4	2500.0	2517.6	17.6	.704	.93660	.001	1

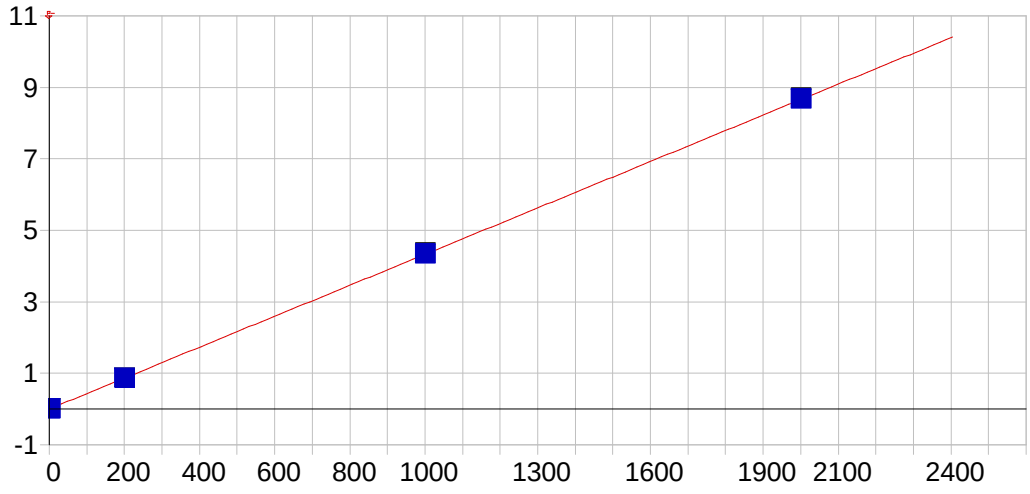


Ba 233.527 {445}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.002666	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999865	Status:	OK.
Std Error of Est:	0.004528		
Predicted MDL:	0.149053		
Predicted MQL:	0.496844		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02144	-.021	.000	.00030	.000	1
DCAL1	200.00	212.97	13.0	6.49	.56789	.001	1
DCAL2	2000.0	2080.0	80.0	4.00	5.5391	.002	1
DCAL3	10000.	10139.	139.	1.39	26.998	.051	1
DCAL4	20000.	19768.	-232.	-1.16	52.636	.200	1



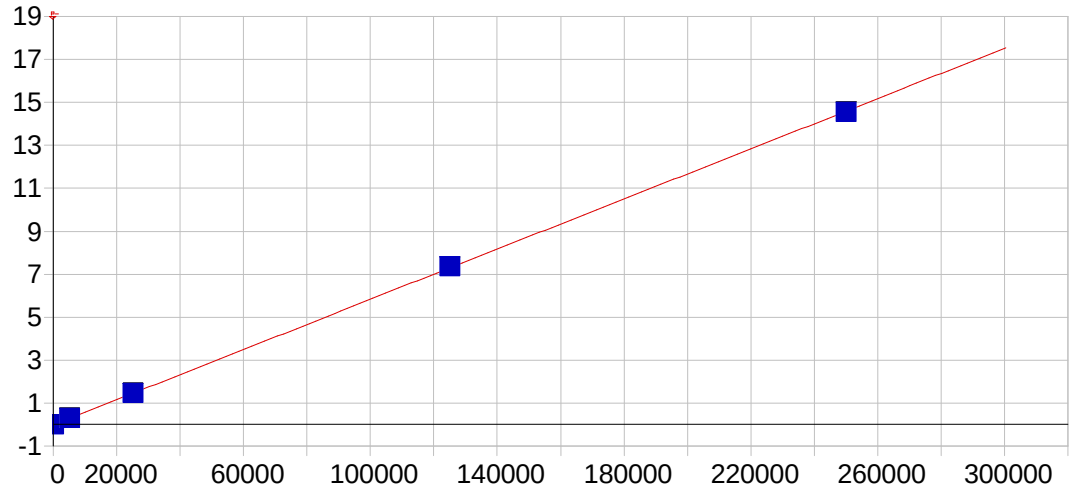
Be 313.042 {108}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000156	Re-Slope:	1.000000
A1 (Gain):	0.004328	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.185051		

Predicted MQL: 0.616838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00005	.000	.000	.00016	.000	1
DCAL1	2.0000	2.0695	.070	3.48	.00916	.001	1
DCAL2	200.00	197.59	-2.41	-1.20	.85676	.003	1
DCAL3	1000.0	1000.3	.295	.029	4.3365	.019	1
DCAL4	2000.0	2002.0	2.04	.102	8.6792	.019	1

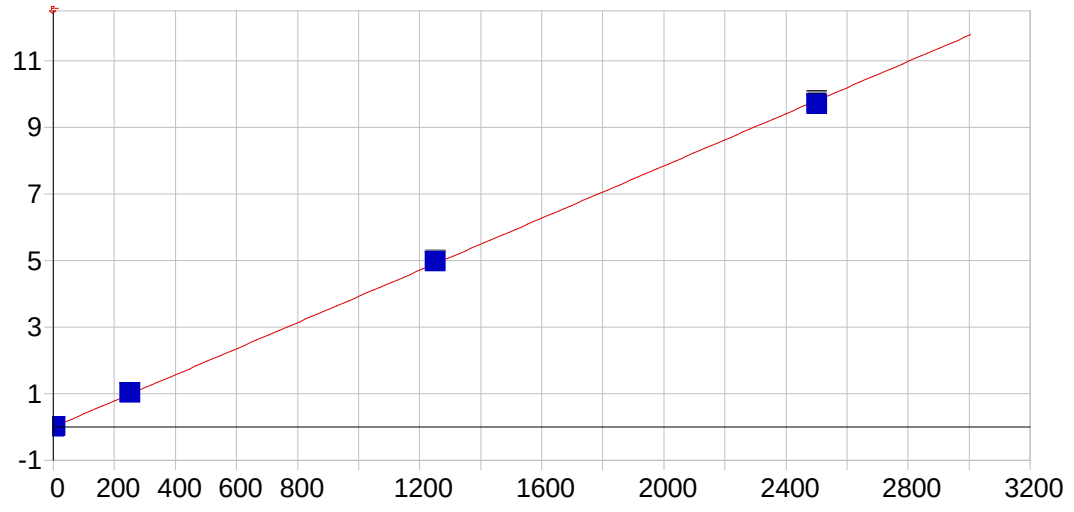


Ca 422.673 { 80}

Date of Fit: 6/27/2012 18:16:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008661 Re-Slope: 1.000000
A1 (Gain): 0.000058 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999988 Status: OK.
Std Error of Est: 0.000523
Predicted MDL: 21.043944
Predicted MQL: 70.146480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.12730	-.127	.000	-.00867	.001	1
DCAL1	5000.0	5105.0	105.	2.10	.28949	.002	1
DCAL2	25000.	25055.	55.2	.221	1.4546	.003	1
DCAL3	125000.	125720.	722.	.578	7.3339	.018	1
DCAL4	250000.	249120.	-883.	-.353	14.541	.013	1

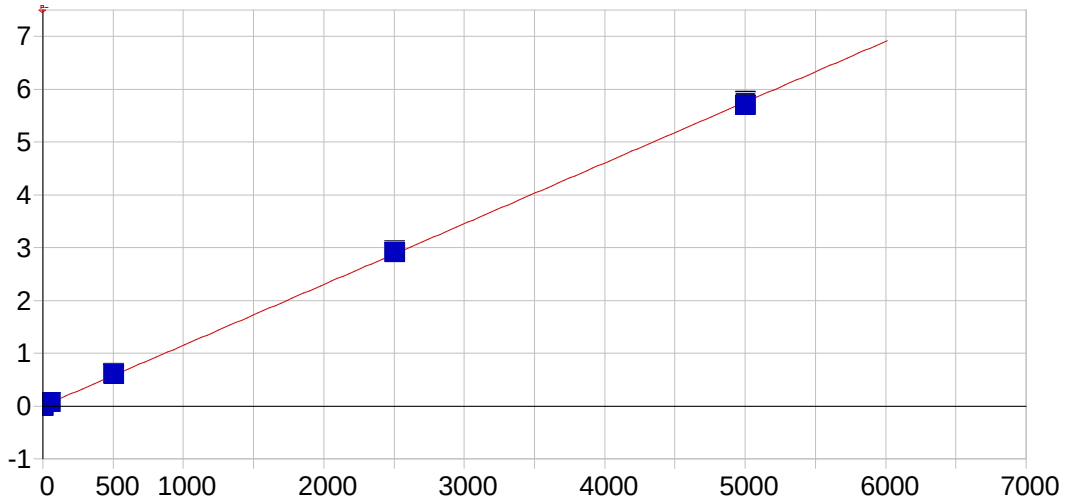


Cd 226.502 {449}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001148	Re-Slope:	1.000000
A1 (Gain):	0.003921	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000319		
Predicted MDL:	0.119360		
Predicted MQL:	0.397868		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00053	-.001	.000	-.00115	.000	1
DCAL1	4.0000	4.3448	.345	8.62	.01593	.000	1
DCAL2	250.00	260.88	10.9	4.35	1.0272	.001	1
DCAL3	1250.0	1265.8	15.8	1.27	4.9892	.010	1
DCAL4	2500.0	2472.9	-27.1	-1.08	9.7493	.033	1

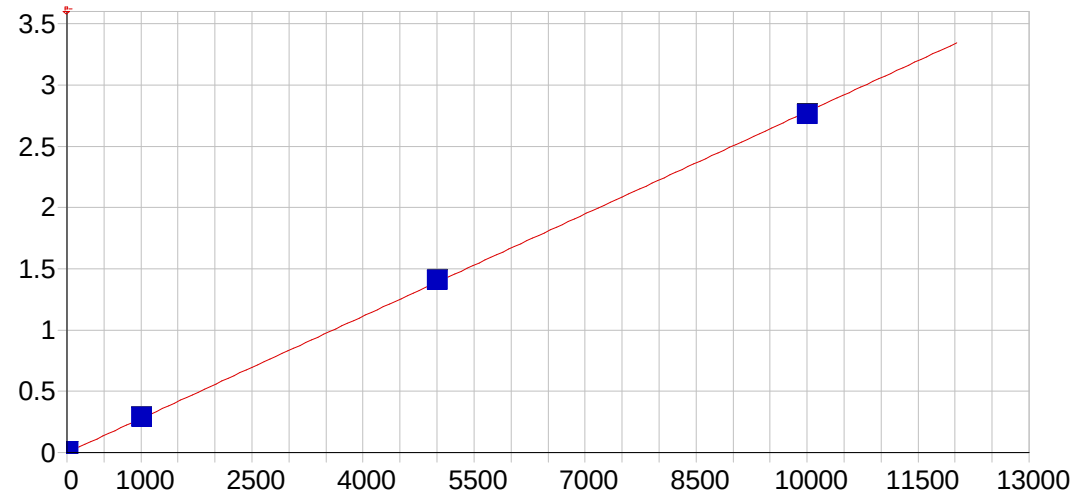


Co 228.616 {447}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000543	Re-Slope:	1.000000
A1 (Gain):	0.001151	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.000498		
Predicted MDL:	0.347624		
Predicted MQL:	1.158746		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00638	-.006	.000	-.00055	.000	1
DCAL1	50.000	54.087	4.09	8.17	.06171	.000	1
DCAL2	500.00	523.05	23.0	4.61	.60646	.001	1
DCAL3	2500.0	2526.4	26.4	1.06	2.9322	.003	1
DCAL4	5000.0	4946.5	-53.5	-1.07	5.7427	.022	1

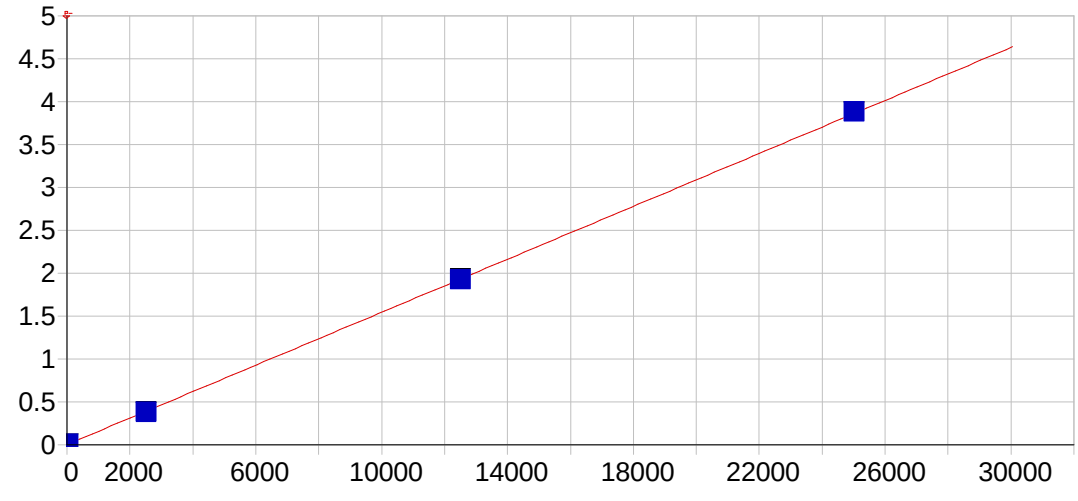


Cr 267.716 {126}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000099	Re-Slope:	1.000000
A1 (Gain):	0.000278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.525531		
Predicted MQL:	1.751770		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00064	-.001	.000	.00010	.000	1
DCAL1	10.000	10.333	.333	3.33	.00299	.000	1
DCAL2	1000.0	1028.4	28.4	2.84	.28615	.001	1
DCAL3	5000.0	5054.0	54.0	1.08	1.4059	.004	1
DCAL4	10000.	9917.3	-82.7	-.827	2.7587	.004	1



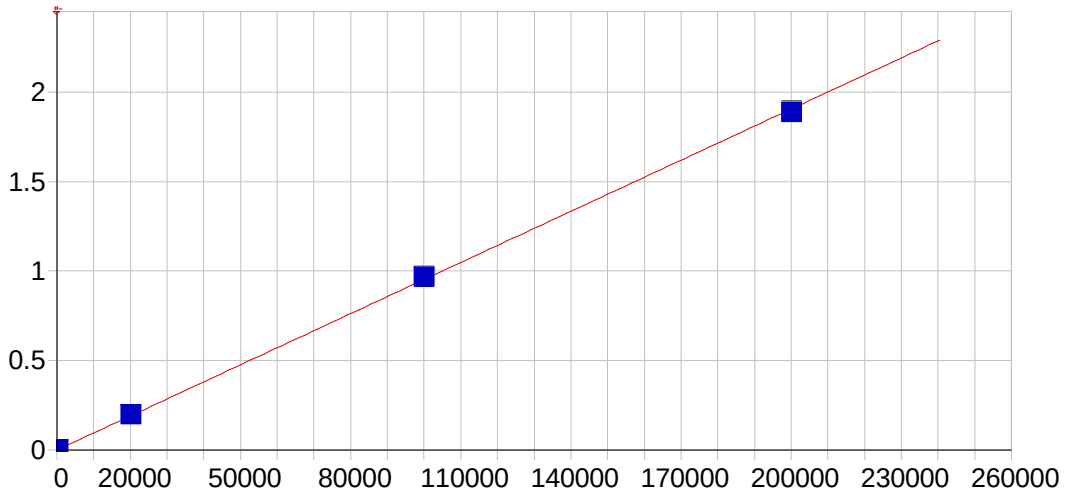
Cu 324.754 {104}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002550	Re-Slope:	1.000000
A1 (Gain):	0.000154	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	5.306039		

Predicted MQL: 17.686795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00309	.003	.000	.00255	.001	1
DCAL1	25.000	22.598	-2.40	-9.61	.00603	.001	1
DCAL2	2500.0	2429.1	-70.9	-2.84	.37685	.003	1
DCAL3	12500.	12445.	-54.9	-.439	1.9203	.009	1
DCAL4	25000.	25128.	128.	.513	3.8748	.004	1

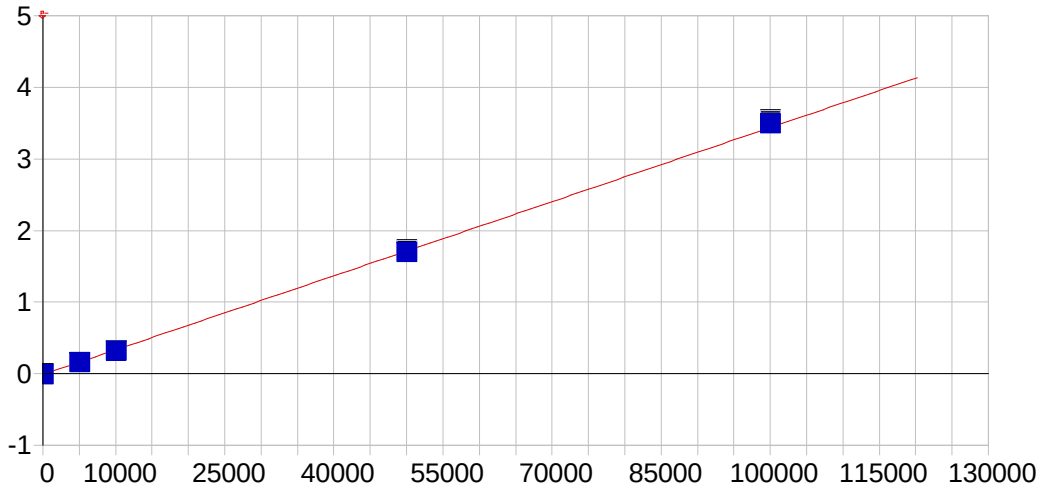


Fe 271.441 {124}

Date of Fit: 6/27/2012 18:16:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
A1 (Gain): 0.000010 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999896 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 14.304203
Predicted MQL: 47.680676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02569	-.026	.000	.00010	.000	1
DCAL1	150.00	170.01	20.0	13.3	.00176	.000	1
DCAL2	20000.	20690.	690.	3.45	.19760	.000	1
DCAL3	100000.	101370.	1370.	1.37	.96782	.001	1
DCAL4	200000.	197920.	-2080.	-1.04	1.8896	.003	1

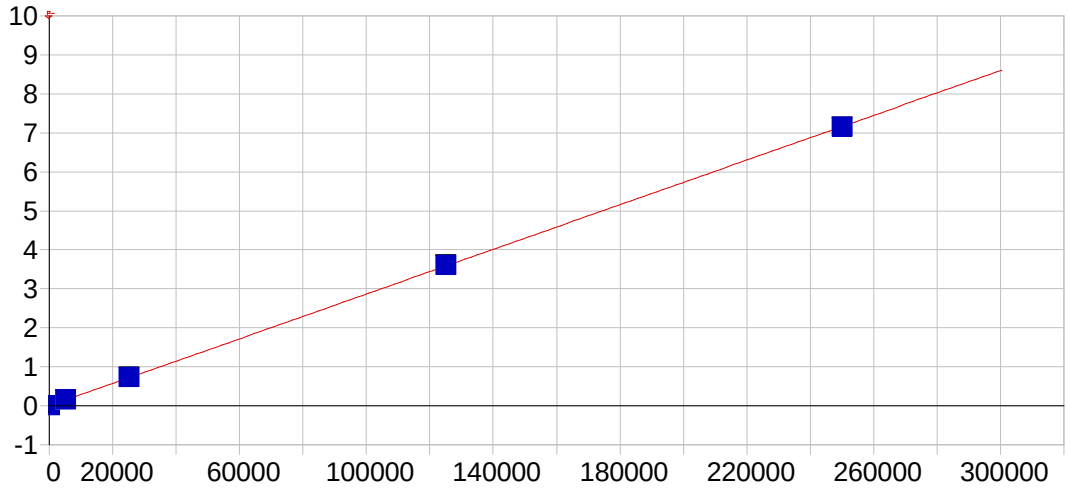


K 766.490 { 44}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.012970	Re-Slope:	1.000000
A1 (Gain):	0.000035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000904		
Predicted MDL:	72.305598		
Predicted MQL:	241.018659		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.58454	.585	.000	-.01295	.001	1
DCAL1	5000.0	4706.4	-294.	-5.87	.15013	.004	1
DCAL2	10000.	9381.2	-619.	-6.19	.31527	.002	1
DCAL3	50000.	49459.	-541.	-1.08	1.7163	.007	1
DCAL4	100000.	101450.	1450.	1.45	3.5330	.008	1

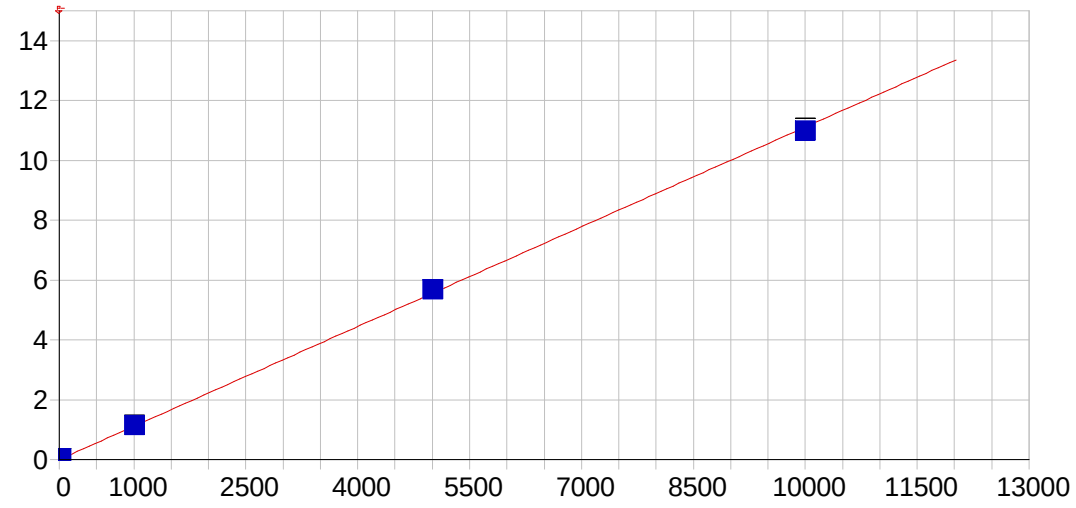


Mg 279.079 {121}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.000029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000292		
Predicted MDL:	5.031481		
Predicted MQL:	16.771604		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.19903	-.199	.000	.00003	.000	1
DCAL1	5000.0	5162.5	163.	3.25	.14796	.000	1
DCAL2	25000.	25154.	154.	.618	.72080	.002	1
DCAL3	125000.	125600.	599.	.479	3.5989	.010	1
DCAL4	250000.	249080.	-916.	-.366	7.1372	.005	1

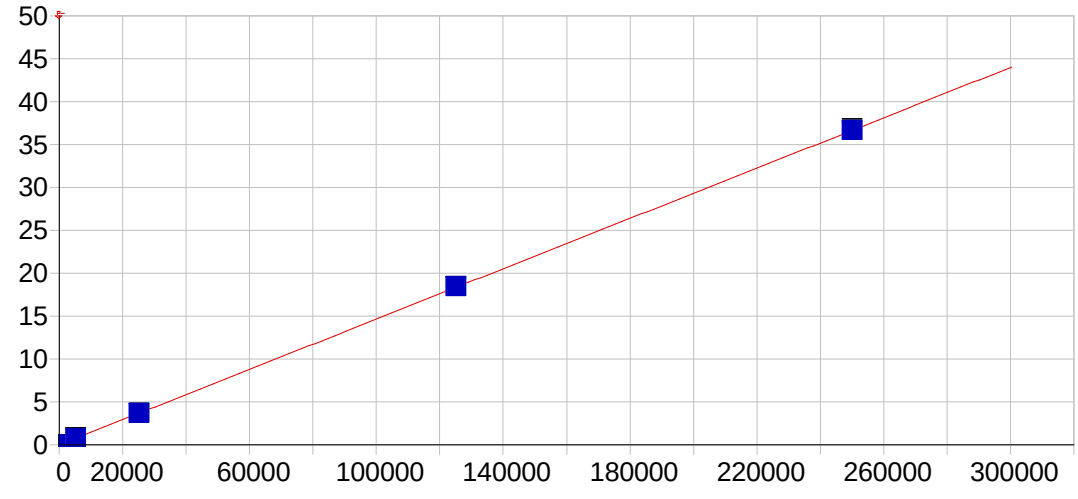


Mn 257.610 {131}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000082	Re-Slope:	1.000000
A1 (Gain):	0.001112	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000345		
Predicted MDL:	0.120668		
Predicted MQL:	0.402227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00150	-.001	.000	.00008	.000	1
DCAL1	15.000	16.042	1.04	6.95	.01792	.000	1
DCAL2	1000.0	1023.2	23.2	2.32	1.1374	.001	1
DCAL3	5000.0	5095.4	95.4	1.91	5.6641	.012	1
DCAL4	10000.	9880.4	-120.	-1.20	10.983	.074	1



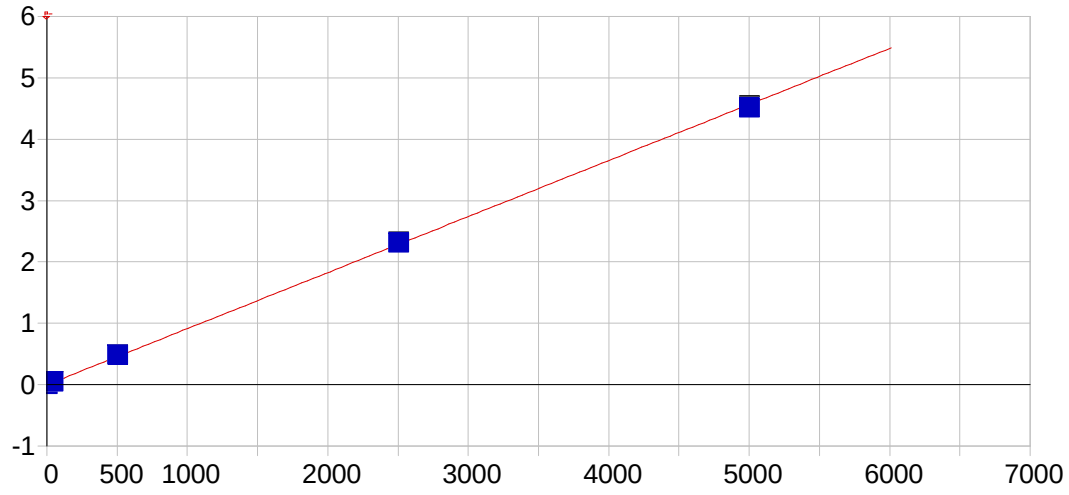
Na 589.592 { 57}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003232	Re-Slope:	1.000000
A1 (Gain):	0.000147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000959		
Predicted MDL:	17.398024		

Predicted MQL: 57.993415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.05032	.050	.000	.00324	.002	1
DCAL1	5000.0	4988.8	-11.2	-.224	.73457	.001	1
DCAL2	25000.	24726.	-274.	-1.09	3.6304	.016	1
DCAL3	125000.	125490.	493.	.395	18.412	.046	1
DCAL4	250000.	249790.	-209.	-.083	36.645	.140	1

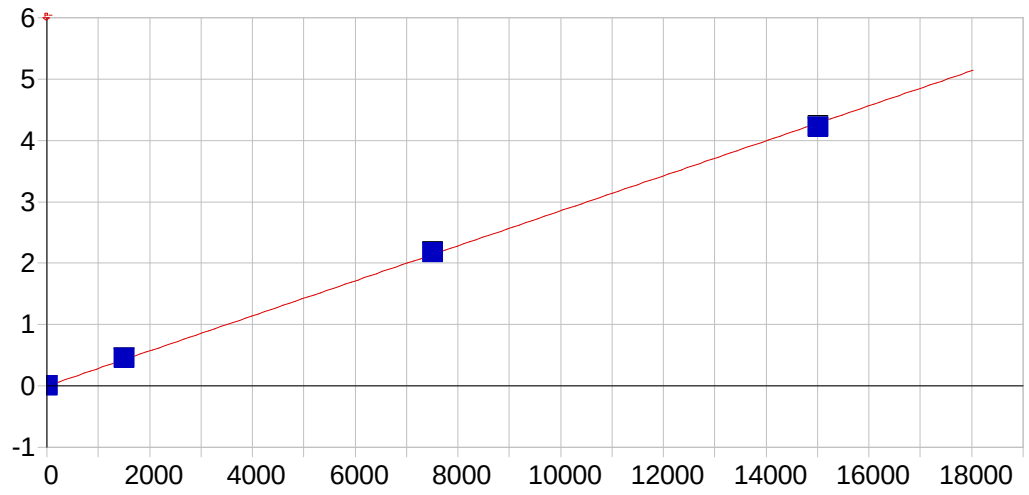


Ni 231.604 {446}

Date of Fit: 6/27/2012 18:16:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000360	Re-Slope:	1.000000
A1 (Gain):	0.000913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999808	Status:	OK.
Std Error of Est:	0.000415		
Predicted MDL:	0.501570		
Predicted MQL:	1.671899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00615	-.006	.000	-.00037	.001	1
DCAL1	40.000	43.931	3.93	9.83	.03979	.000	1
DCAL2	500.00	527.86	27.9	5.57	.48265	.001	1
DCAL3	2500.0	2530.6	30.6	1.23	2.3155	.005	1
DCAL4	5000.0	4937.6	-62.4	-1.25	4.5183	.016	1

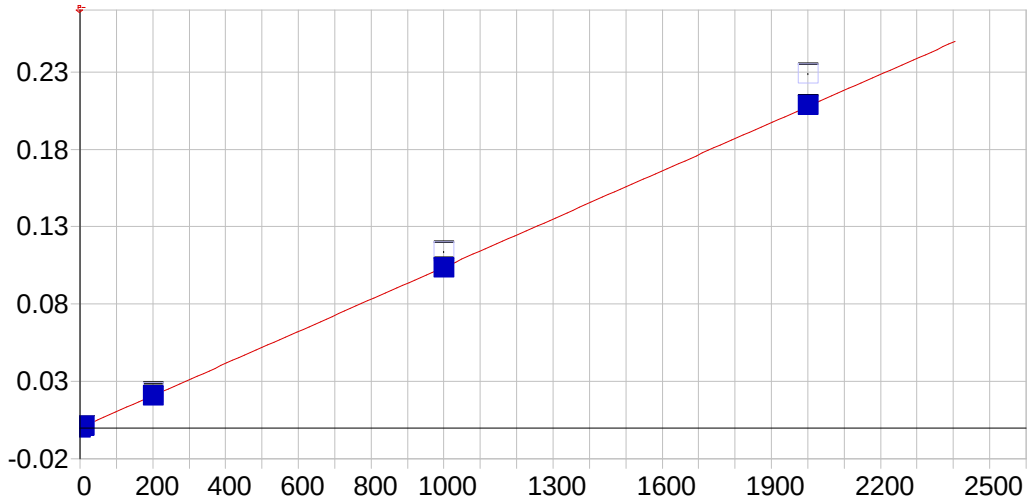


Pb 220.353 {453}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000144	Re-Slope:	1.000000
A1 (Gain):	0.000285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999793	Status:	OK.
Std Error of Est:	0.000082		
Predicted MDL:	1.568391		
Predicted MQL:	5.227970		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00021	.000	.000	.00014	.001	1
DCAL1	5.0000	4.9078	-.092	-1.84	.00156	.000	1
DCAL2	1500.0	1587.0	87.0	5.80	.45215	.000	1
DCAL3	7500.0	7621.4	121.	1.62	2.1707	.004	1
DCAL4	15000.	14792.	-208.	-1.39	4.2126	.015	1

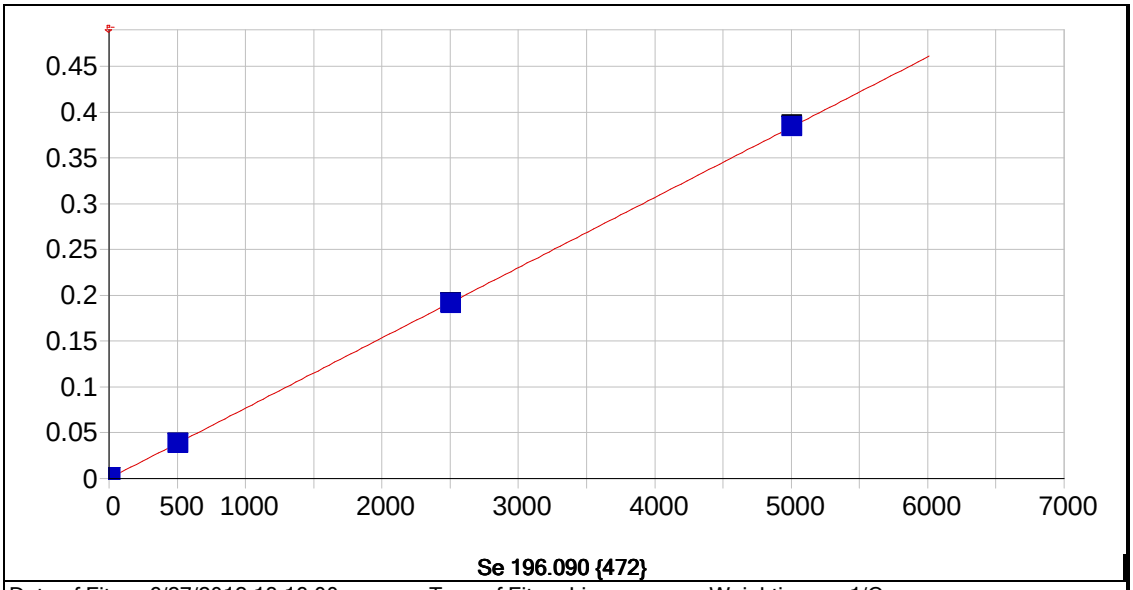


Sb 206.833 {463}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000009	Re-Slope:	1.000000
A1 (Gain):	0.000104	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	2.797910		
Predicted MQL:	9.326367		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00132	-.001	.000	.00001	.000	1
DCAL1	10.000	11.499	1.50	15.0	.00121	.000	1
DCAL2	200.00	196.59	-3.41	-1.71	.02244	.000	1
DCAL3	1000.0	995.93	-4.07	-.407	.11353	.000	1
DCAL4	2000.0	2006.1	6.11	.305	.22853	.001	1

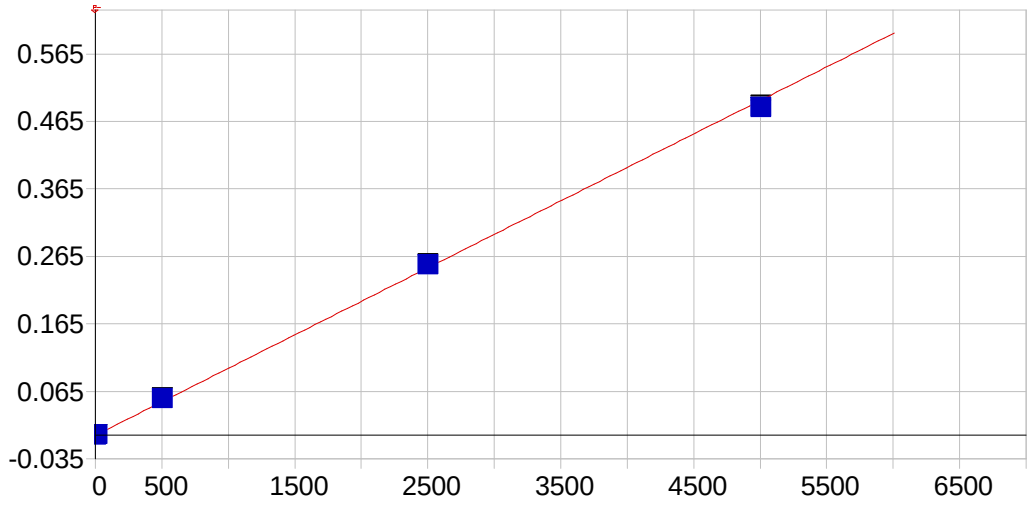


Se 196.090 {472}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000163	Re-Slope:	1.000000
A1 (Gain):	0.000077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	3.438592		
Predicted MQL:	11.461972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00096	-.001	.000	.00016	.000	1
DCAL1	5.0000	6.0005	1.00	20.0	.00062	.000	1
DCAL2	500.00	496.68	-3.32	-.663	.03817	.000	1
DCAL3	2500.0	2493.7	-6.32	-.253	.19100	.000	1
DCAL4	5000.0	5008.6	8.64	.173	.38348	.002	1



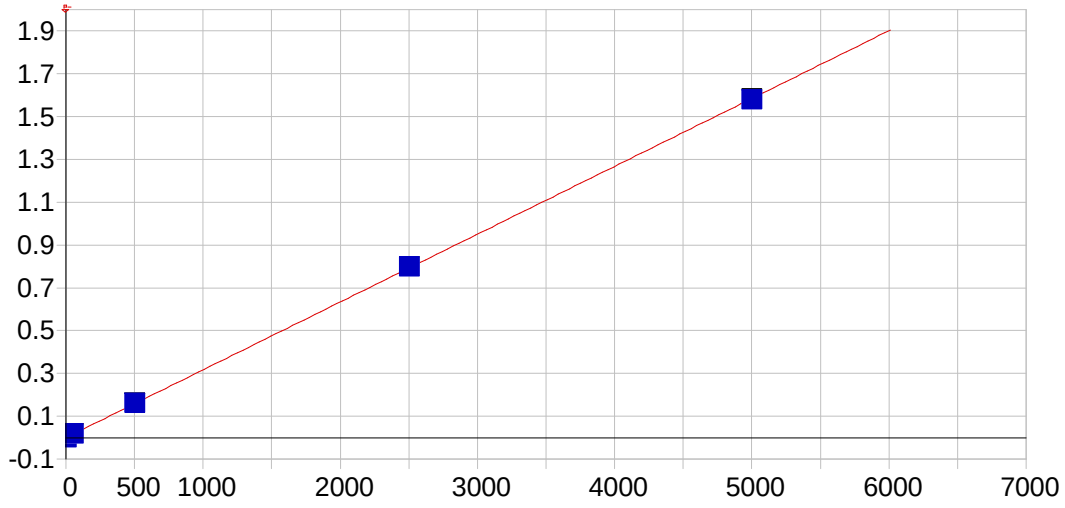
Tl 190.856 {477}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000179	Re-Slope:	1.000000
A1 (Gain):	0.000099	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999368	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	2.474641		

Predicted MQL: 8.248805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00477	-.005	.000	-.00018	.000	1
DCAL1	10.000	13.742	3.74	37.4	.00119	.000	1
DCAL2	500.00	552.27	52.3	10.5	.05455	.000	1
DCAL3	2500.0	2549.9	49.9	1.99	.25249	.001	1
DCAL4	5000.0	4894.1	-106.	-2.12	.48475	.003	1

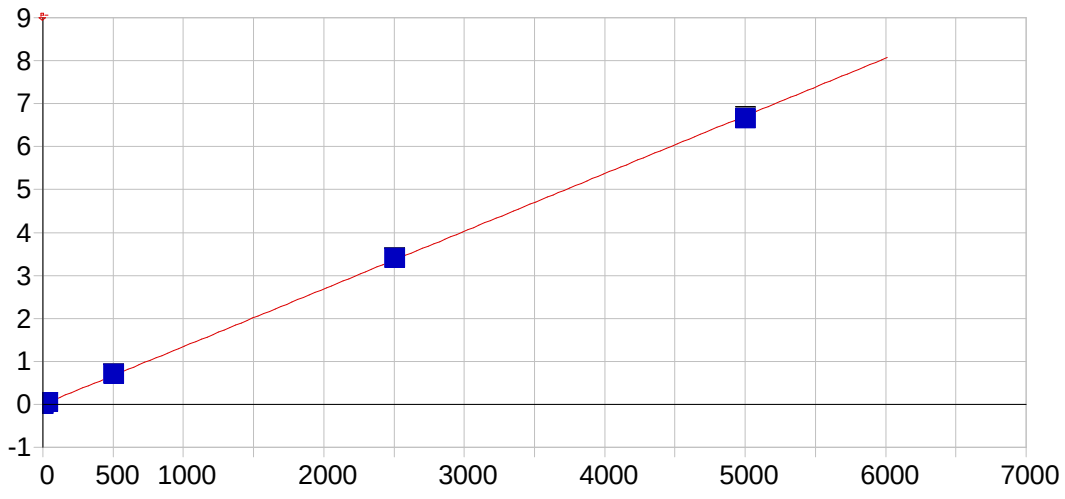


V 292.402 {115}

Date of Fit: 6/27/2012 18:16:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000058 Re-Slope: 1.000000
A1 (Gain): 0.000317 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999989 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 0.542777
Predicted MQL: 1.809258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00123	-.001	.000	-.00006	.000	1
DCAL1	50.000	50.772	.772	1.54	.01603	.000	1
DCAL2	500.00	503.56	3.56	.713	.15963	.000	1
DCAL3	2500.0	2514.1	14.1	.563	.79720	.001	1
DCAL4	5000.0	4981.6	-18.4	-.368	1.5797	.003	1

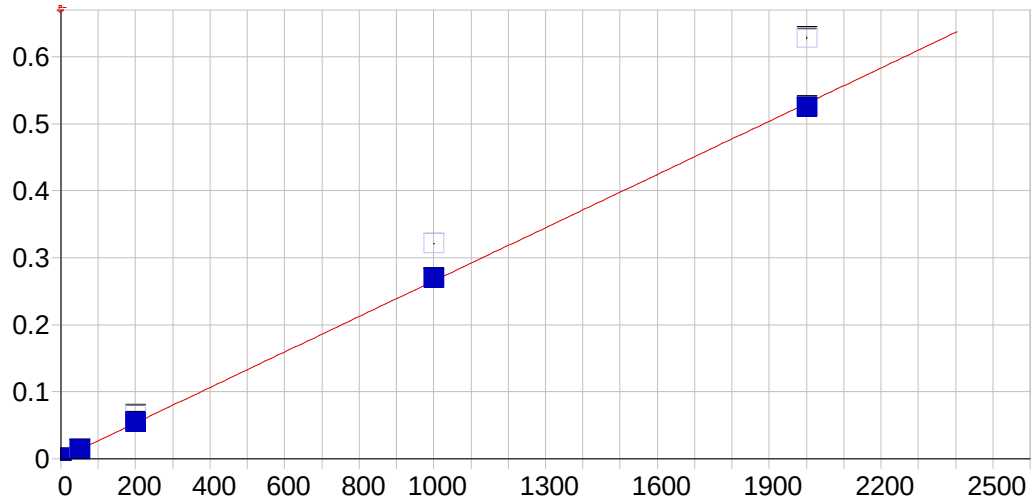


Zn 206.200 {463}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000029	Re-Slope:	1.000000
A1 (Gain):	0.001343	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999909	Status:	OK.
Std Error of Est:	0.000363		
Predicted MDL:	0.208460		
Predicted MQL:	0.694867		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00268	-.003	.000	-.00003	.000	1
DCAL1	30.000	31.613	1.61	5.38	.04244	.000	1
DCAL2	500.00	516.58	16.6	3.32	.69471	.001	1
DCAL3	2500.0	2530.1	30.1	1.20	3.4027	.005	1
DCAL4	5000.0	4951.8	-48.2	-.965	6.6599	.027	1

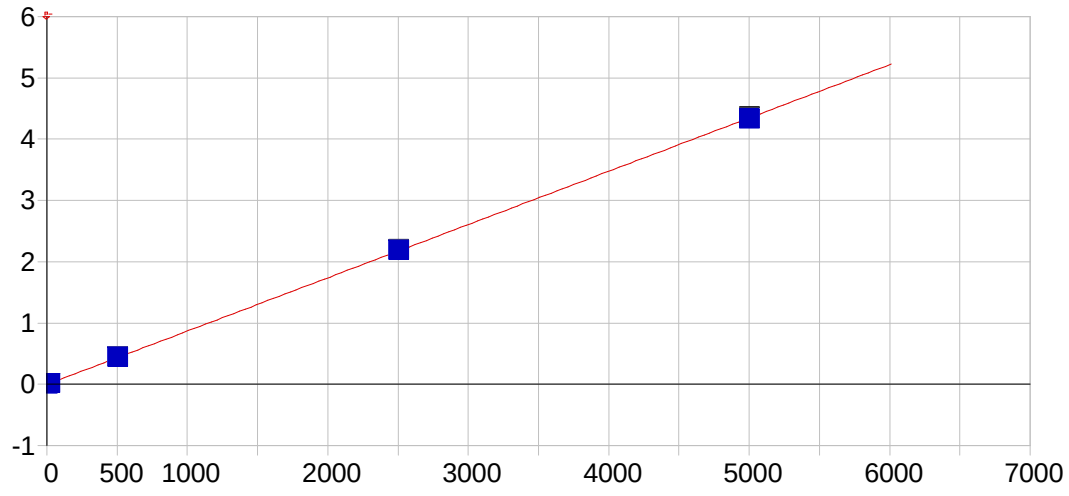


B 208.959 {461}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000508	Re-Slope:	1.000000
A1 (Gain):	0.000265	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	1.034321		
Predicted MQL:	3.447737		

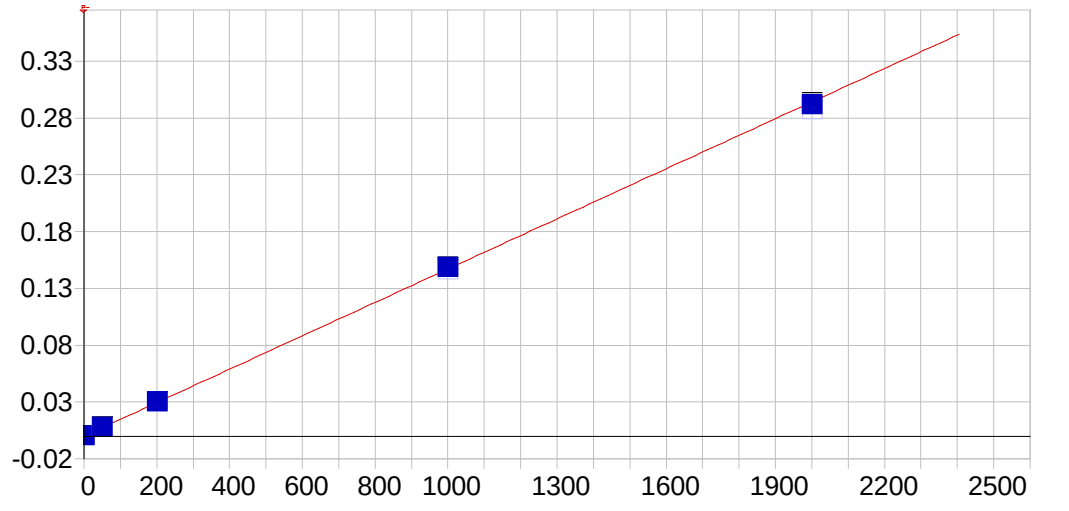
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00170	-.002	.000	.00051	.000	1
DCAL1	50.000	50.204	.204	.408	.01422	.000	1
DCAL2	200.00	205.03	5.03	2.52	.06516	.000	1
DCAL3	1000.0	1014.8	14.8	1.48	.32103	.000	1
DCAL4	2000.0	1980.0	-20.0	-1.00	.62840	.002	1



Mo 202.030 {467}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000727			Re-Slope:	1.000000
A1 (Gain):	0.000869			Y-int:	0.000000
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999984		Status:	OK.	
Std Error of Est:	0.000081				
Predicted MDL:	0.345525				
Predicted MQL:	1.151751				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00076	-.001	.000	-.00073	.000	1
DCAL1	20.000	20.525	.525	2.62	.01719	.000	1
DCAL2	500.00	504.81	4.81	.962	.43903	.001	1
DCAL3	2500.0	2516.4	16.4	.656	2.1914	.004	1
DCAL4	5000.0	4978.3	-21.7	-.435	4.3361	.024	1

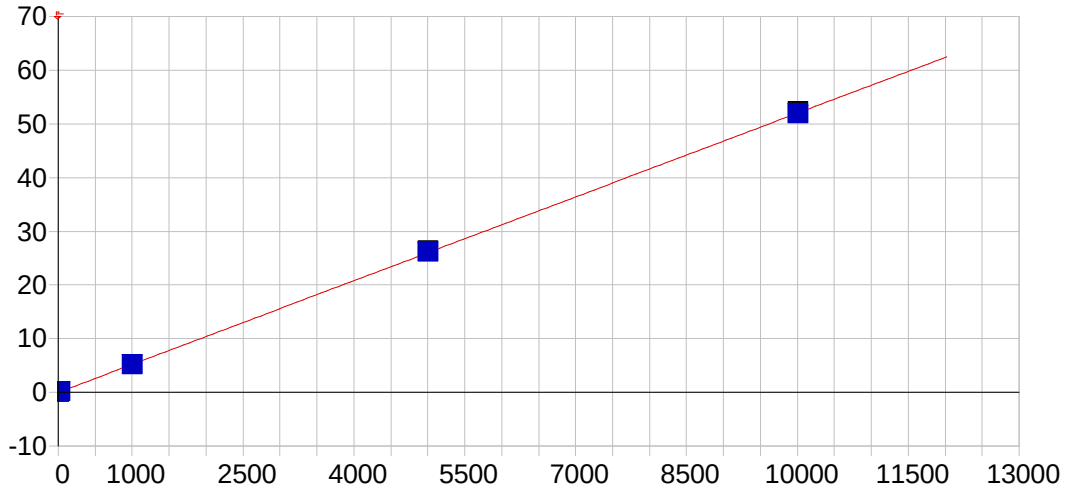


Sn 189.989 {477}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000049			Re-Slope:	1.000000
A1 (Gain):	0.000147			Y-int:	0.000000
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999909		Status:	OK.	
Std Error of Est:	0.000032				
Predicted MDL:	1.146447				

Predicted MQL: 3.821491

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00451	-.005	.000	.00005	.000	1
DCAL1	50.000	53.159	3.16	6.32	.00786	.000	1
DCAL2	200.00	205.37	5.37	2.68	.02982	.000	1
DCAL3	1000.0	1008.9	8.85	.885	.14625	.000	1
DCAL4	2000.0	1982.6	-17.4	-.871	.28728	.002	1

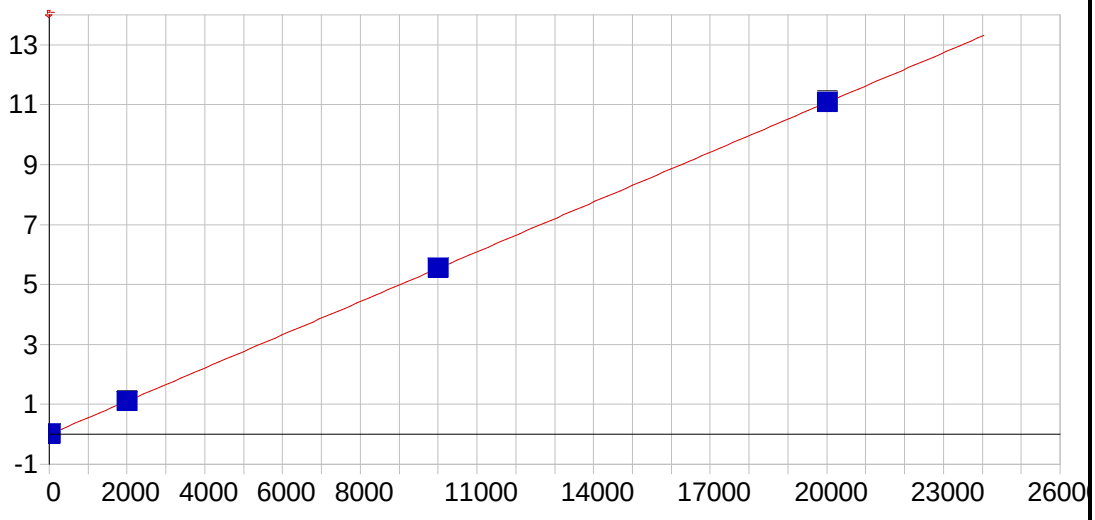


Sr 407.771 { 83}

Date of Fit: 6/27/2012 18:16:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002325	Re-Slope:	1.000000
A1 (Gain):	0.005199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000545		
Predicted MDL:	0.213847		
Predicted MQL:	0.712825		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00007	.000	.000	-.00233	.001	1
DCAL1	20.000	20.212	.212	1.06	.10444	.001	1
DCAL2	1000.0	988.96	-11.0	-1.10	5.1324	.023	1
DCAL3	5000.0	5029.3	29.3	.586	26.110	.077	1
DCAL4	10000.	9981.5	-18.5	-.185	51.822	.316	1

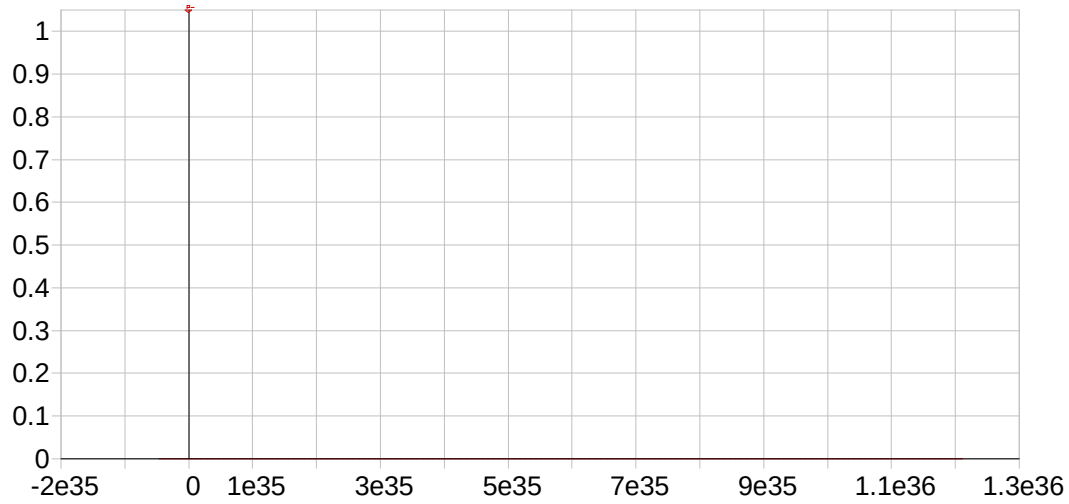


Ti 334.941 {101}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000422	Re-Slope:	1.000000
A1 (Gain):	0.000554	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	1.850732		
Predicted MQL:	6.169106		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00011	.000	.000	.00042	.001	1
DCAL1	20.000	20.108	.108	.539	.01169	.000	1
DCAL2	2000.0	1973.3	-26.7	-1.33	1.0943	.006	1
DCAL3	10000.	10018.	17.9	.179	5.5538	.004	1
DCAL4	20000.	20009.	8.63	.043	11.092	.018	1

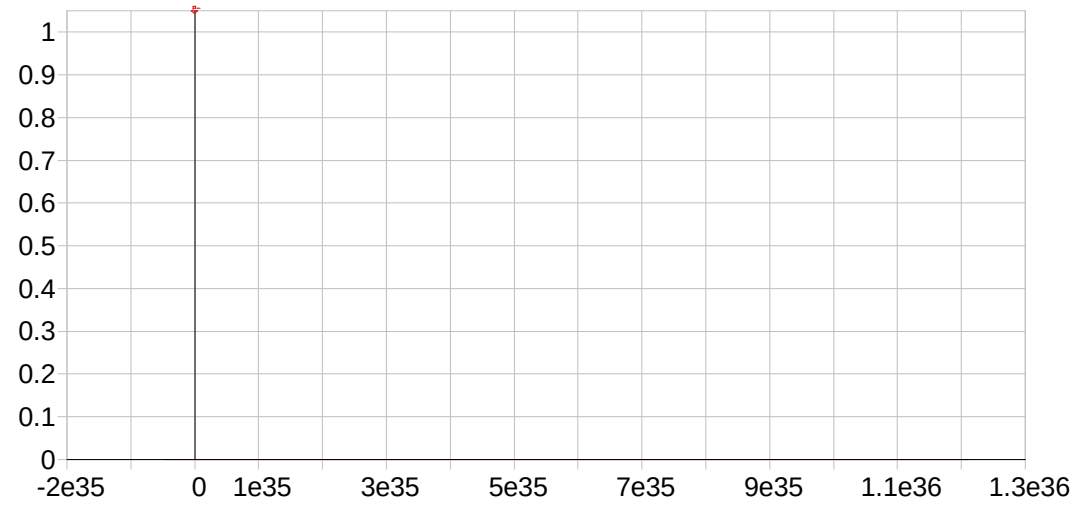


Y 224.306 {450}*

Date of Fit:	2/28/2011 17:34:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

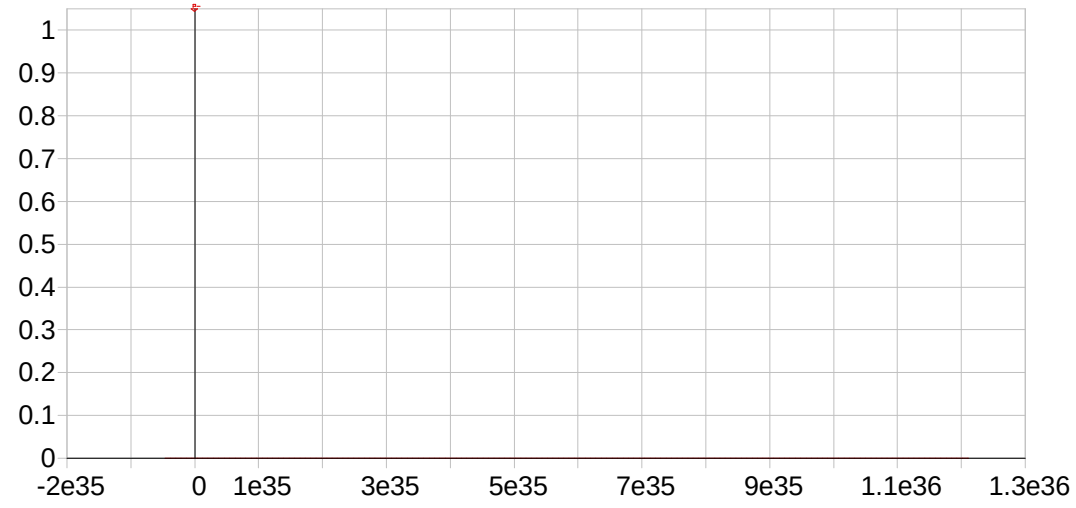


Y 360.073 { 94}*

Date of Fit:	5/4/2010 9:11:13	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

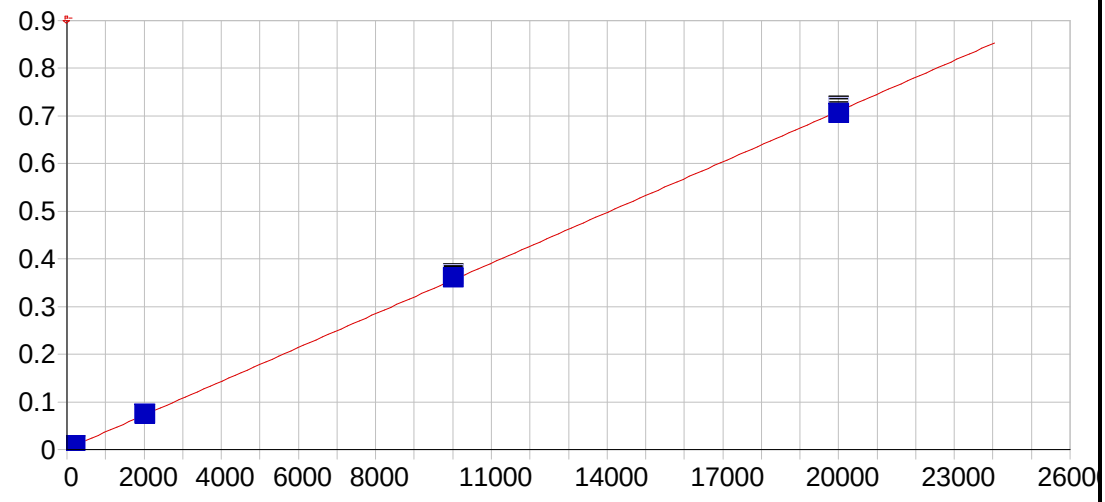


Y 371.030 { 91}*

Date of Fit:	5/2/2012 12:15:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	192.759705		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	6/27/2012 18:16:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001416	Re-Slope:	1.000000
A1 (Gain):	0.000035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	25.816088		
Predicted MQL:	86.053627		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02333	.023	.000	.00142	.000	1
DCAL1	200.00	172.02	-28.0	-14.0	.00754	.000	1
DCAL2	2000.0	2033.4	33.4	1.67	.07470	.001	1
DCAL3	10000.	10137.	137.	1.37	.36678	.002	1
DCAL4	20000.	19857.	-143.	-.714	.71738	.003	1

Sample Name: CAL_BLK Acquired: 6/27/2012 17:58:15 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0009**	**-.0001**	**-.0001**	**.0003**	**.0002**	**-.0087**
Stddev	.0008	.0001	.0002	.0005	.0005	.0008
%RSD	81.96	98.16	215.0	153.6	301.6	9.092
#1	-.0006	-.0002	-.0001	.0003	.0007	-.0085
#2	-.0018	.0000	.0001	-.0002	-.0002	-.0095
#3	-.0004	-.0001	-.0004	.0008	-.0001	-.0080

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0012**	**-.0006**	**.0001**	**.0026**	**.0001**	**-.0129**
Stddev	.0004	.0004	.0001	.0005	.0001	.0013
%RSD	33.29	68.55	91.22	20.41	76.48	10.18
#1	-.0015	-.0005	.0001	.0028	.0001	-.0117
#2	-.0007	-.0009	.0002	.0020	.0001	-.0129
#3	-.0012	-.0002	.0000	.0029	.0000	-.0143

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0000**	**.0001**	**.0032**	**-.0004**	**.0001**	**.0000**
Stddev	.0001	.0001	.0020	.0006	.0005	.0001
%RSD	187.7	71.51	61.49	173.3	364.6	1048.
#1	.0001	.0000	.0021	.0001	-.0004	.0000
#2	.0000	.0001	.0055	-.0011	.0001	-.0001
#3	.0000	.0001	.0021	-.0001	.0007	.0001

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0002**	**-.0002**	**-.0001**	**.0000**	**.0005**	**-.0007**
Stddev	.0000	.0003	.0000	.000	.0002	.0001
%RSD	26.61	145.5	74.49	253.2	45.48	20.27
#1	.0001	.0000	-.0001	.0000	.0006	-.0007
#2	.0001	-.0005	-.0001	-.0001	.0007	-.0006
#3	.0002	.0000	.0000	.0001	.0002	-.0009

Sample Name: CAL_BLK Acquired: 6/27/2012 17:58:15 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	-.0023	.0004	.0014
Stddev	.0001	.0008	.0006	.0002
%RSD	177.6	33.26	134.9	13.07
#1	.0001	-.0014	-.0001	.0012
#2	.0000	-.0028	.0003	.0015
#3	.0000	-.0027	.0010	.0015

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2296.9	25827.	3271.4
Stddev	2.1	90.	5.8
%RSD	.08999	.34877	.17647
#1	2298.9	25725.	3267.2
#2	2297.0	25862.	3278.0
#3	2294.8	25895.	3269.0

Sample Name: DCAL1 Acquired: 6/27/2012 18:02:00 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0093**	**.0003**	**.0037**	**.5679**	**.0092**	**.2895**
Stddev	.0019	.0002	.0001	.0005	.0010	.0016
%RSD	20.80	77.56	2.921	.0922	11.38	.5676
#1	.0092	.0004	.0038	.5685	.0095	.2895
#2	.0113	.0000	.0036	.5675	.0100	.2911
#3	.0074	.0005	.0037	.5677	.0080	.2879

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0159**	**.0617**	**.0030**	**.0060**	**.0018**	**.1501**
Stddev	.0002	.0002	.0001	.0008	.0002	.0041
%RSD	1.182	.3650	3.374	13.01	10.48	2.762
#1	.0161	.0618	.0030	.0051	.0016	.1483
#2	.0160	.0619	.0031	.0066	.0020	.1549
#3	.0157	.0615	.0029	.0063	.0017	.1472

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1480**	**.0179**	**.7346**	**.0398**	**.0016**	**.0012**
Stddev	.0002	.0001	.0015	.0004	.0003	.0002
%RSD	.1362	.4812	.1980	1.036	20.95	16.46
#1	.1481	.0178	.7330	.0393	.0016	.0014
#2	.1480	.0180	.7348	.0399	.0012	.0011
#3	.1477	.0179	.7359	.0402	.0019	.0011

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0006**	**.0012**	**.0160**	**.0424**	**.0142**	**.0172**
Stddev	.0001	.0001	.0002	.0001	.0001	.0003
%RSD	20.02	12.40	.9595	.2510	.8624	1.567
#1	.0006	.0012	.0162	.0425	.0143	.0173
#2	.0005	.0010	.0160	.0423	.0141	.0174
#3	.0008	.0013	.0159	.0425	.0142	.0169

Sample Name: DCAL1 Acquired: 6/27/2012 18:02:00 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0079	.1044	.0117	.0075
Stddev	.0000	.0006	.0002	.0002
%RSD	.4306	.5747	1.840	2.904
#1	.0079	.1039	.0119	.0075
#2	.0079	.1051	.0115	.0073
#3	.0078	.1044	.0116	.0078

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2268.0	25628.	3293.6
Stddev	6.4	70.	8.1
%RSD	.28000	.27250	.24536
#1	2270.6	25651.	3289.6
#2	2272.5	25684.	3288.3
#3	2260.7	25550.	3302.9

Sample Name: DCAL2 Acquired: 6/27/2012 18:05:41 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.224**	**.0377**	**.0902**	**5.539**	**.8568**	**1.455**
Stddev	.005	.0001	.0004	.002	.0034	.003
%RSD	.3796	.2354	.4351	.0272	.3928	.2270
#1	1.224	.0378	.0903	5.540	.8582	1.455
#2	1.219	.0376	.0906	5.539	.8529	1.451
#3	1.228	.0377	.0898	5.537	.8592	1.458

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.027**	**.6065**	**.2862**	**.3769**	**.1976**	**.3153**
Stddev	.001	.0008	.0007	.0027	.0002	.0018
%RSD	.0758	.1401	.2420	.7034	.0764	.5629
#1	1.028	.6074	.2868	.3774	.1978	.3140
#2	1.026	.6061	.2862	.3740	.1975	.3146
#3	1.027	.6058	.2854	.3792	.1976	.3173

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.7208**	**1.137**	**3.630**	**.4827**	**.4521**	**.0224**
Stddev	.0020	.001	.016	.0015	.0003	.0004
%RSD	.2746	.0512	.4273	.3090	.0712	1.751
#1	.7214	1.137	3.625	.4839	.4525	.0229
#2	.7224	1.138	3.618	.4830	.4520	.0223
#3	.7186	1.138	3.648	.4810	.4520	.0222

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0382**	**.0546**	**.1596**	**.6947**	**.0652**	**.4390**
Stddev	.0003	.0001	.0001	.0009	.0005	.0006
%RSD	.7766	.2253	.0860	.1235	.7159	.1354
#1	.0380	.0547	.1595	.6947	.0657	.4385
#2	.0380	.0545	.1597	.6939	.0648	.4389
#3	.0385	.0544	.1597	.6956	.0650	.4397

Sample Name: DCAL2 Acquired: 6/27/2012 18:05:41 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0298	5.132	1.094	.0747
Stddev	.0000	.023	.006	.0009
%RSD	.0366	.4425	.5901	1.187
#1	.0298	5.139	1.092	.0750
#2	.0298	5.107	1.090	.0737
#3	.0298	5.151	1.102	.0754

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2230.5	24917.	3257.1
Stddev	2.4	53.	21.2
%RSD	.10975	.21431	.65019
#1	2233.2	24964.	3264.6
#2	2229.9	24859.	3273.5
#3	2228.4	24927.	3233.2

Sample Name: DCAL3 Acquired: 6/27/2012 18:09:08 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6.107**	**.1925**	**.4610**	**27.00**	**4.337**	**7.334**
Stddev	.012	.0003	.0005	.05	.019	.018
%RSD	.2037	.1559	.1100	.1891	.4420	.2420
#1	6.118	.1928	.4614	27.06	4.321	7.318
#2	6.094	.1925	.4611	26.97	4.331	7.331
#3	6.111	.1922	.4604	26.97	4.358	7.353

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4.989**	**2.932**	**1.406**	**1.920**	**.9678**	**1.716**
Stddev	.010	.003	.004	.009	.0011	.007
%RSD	.1989	.0987	.2540	.4820	.1168	.4267
#1	5.001	2.935	1.410	1.910	.9691	1.710
#2	4.984	2.931	1.405	1.925	.9672	1.715
#3	4.983	2.930	1.403	1.926	.9671	1.724

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.599**	**5.664**	**18.41**	**2.315**	**2.171**	**.1135**
Stddev	.011	.013	.05	.005	.004	.0004
%RSD	.2916	.2201	.2499	.1997	.1629	.3286
#1	3.609	5.652	18.40	2.321	2.175	.1134
#2	3.599	5.663	18.37	2.312	2.168	.1140
#3	3.588	5.677	18.46	2.313	2.169	.1132

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1910**	**.2525**	**.7972**	**3.403**	**.3210**	**2.191**
Stddev	.0004	.0009	.0007	.005	.0003	.004
%RSD	.1850	.3470	.0865	.1561	.0916	.1628
#1	.1914	.2535	.7972	3.408	.3214	2.195
#2	.1907	.2522	.7979	3.397	.3208	2.189
#3	.1910	.2518	.7965	3.404	.3209	2.189

Sample Name: DCAL3 Acquired: 6/27/2012 18:09:08 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1462	26.11	5.554	.3668
Stddev	.0002	.08	.004	.0015
%RSD	.1511	.2958	.0728	.4206
#1	.1463	26.04	5.556	.3652
#2	.1460	26.10	5.549	.3668
#3	.1464	26.19	5.557	.3683

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2110.5	23561.	3188.2
Stddev	4.7	64.	14.0
%RSD	.22452	.27052	.43877
#1	2110.9	23615.	3187.3
#2	2115.0	23579.	3202.6
#3	2105.5	23491.	3174.7

Sample Name: DCAL4 Acquired: 6/27/2012 18:12:28 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.24**	**.3888**	**.9366**	**52.64**	**8.679**	**14.54**
Stddev	.01	.0010	.0008	.20	.019	.01
%RSD	.1010	.2657	.0883	.3798	.2190	.0925
#1	12.25	.3896	.9361	52.77	8.665	14.54
#2	12.24	.3891	.9376	52.74	8.672	14.53
#3	12.22	.3876	.9362	52.41	8.701	14.56

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9.749**	**5.743**	**2.759**	**3.875**	**1.890**	**3.533**
Stddev	.033	.022	.004	.004	.003	.008
%RSD	.3386	.3790	.1293	.1151	.1326	.2175
#1	9.764	5.748	2.761	3.877	1.891	3.524
#2	9.773	5.761	2.760	3.878	1.891	3.537
#3	9.711	5.719	2.755	3.870	1.887	3.538

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7.137**	**10.98**	**36.65**	**4.518**	**4.213**	**.2285**
Stddev	.005	.07	.14	.016	.015	.0005
%RSD	.0638	.6775	.3822	.3637	.3557	.2252
#1	7.134	10.90	36.80	4.524	4.217	.2288
#2	7.142	11.01	36.61	4.531	4.225	.2288
#3	7.135	11.04	36.52	4.500	4.196	.2279

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.3835**	**.4847**	**1.580**	**6.660**	**.6284**	**4.336**
Stddev	.0015	.0032	.003	.026	.0018	.024
%RSD	.3962	.6704	.1706	.3984	.2809	.5515
#1	.3850	.4861	1.578	6.669	.6281	4.351
#2	.3835	.4871	1.583	6.681	.6303	4.348
#3	.3820	.4810	1.578	6.630	.6268	4.309

Sample Name: DCAL4 Acquired: 6/27/2012 18:12:28 Type: Cal
Method: SW84606112012(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2873	51.82	11.09	.7174
Stddev	.0019	.32	.02	.0030
%RSD	.6739	.6098	.1642	.4119
#1	.2883	52.18	11.10	.7163
#2	.2885	51.73	11.10	.7207
#3	.2850	51.56	11.07	.7151

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2028.5	22722.	3147.1
Stddev	5.3	17.	12.4
%RSD	.25899	.07651	.39446
#1	2023.1	22702.	3132.8
#2	2028.7	22730.	3155.0
#3	2033.6	22734.	3153.6

Sample Name: ICV Acquired: 6/27/2012 18:16:09 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123800.**	**2473.**	**1240.**	**10020.**	**993.8**	**124600.**
Stddev	120.	3.	1.	16.	3.8	167.
%RSD	.0971	.1025	.0483	.1551	.3867	.1340
#1	123900.	2472.	1240.	10030.	997.9	124800.
#2	123800.	2472.	1241.	10000.	993.3	124500.
#3	123600.	2476.	1240.	10030.	990.3	124500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1259.**	**2490.**	**5032.**	**12430.**	**100000.**	**49130.**
Stddev	2.	6.	5.	46.	44.	26.
%RSD	.1951	.2249	.1074	.3729	.0440	.0533
#1	1259.	2492.	5028.	12480.	100000.	49100.
#2	1257.	2484.	5030.	12420.	100100.	49150.
#3	1261.	2495.	5038.	12390.	99990.	49120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**5101.**	**122200.**	**2524.**	**7566.**	**1000.**
Stddev	109.	7.	280.	5.	8.	2.
%RSD	.0887	.1388	.2291	.1868	.1093	.2365
#1	123200.	5109.	122500.	2523.	7569.	1003.
#2	123300.	5101.	122100.	2520.	7557.	997.8
#3	123400.	5095.	122000.	2529.	7572.	1001.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 6/27/2012 18:16:09 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2430.**	**2559.**	**2486.**	**2475.**	**1011.**	**2509.**
Stddev	6.	3.	2.	4.	2.	4.
%RSD	.2547	.0982	.0752	.1802	.2019	.1758
#1	2424.	2561.	2488.	2478.	1009.	2514.
#2	2430.	2556.	2484.	2470.	1010.	2505.
#3	2436.	2560.	2487.	2478.	1013.	2509.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**997.3**	**5037.**	**9924.**	**9963.**
Stddev	2.5	10.	18.	35.
%RSD	.2540	.1941	.1848	.3490
#1	999.5	5048.	9932.	9944.
#2	994.5	5033.	9937.	9942.
#3	998.0	5031.	9903.	10000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2124.1**	**23678.**	**3206.6**
Stddev	9.5	81.	1.5
%RSD	.44826	.34155	.04552
#1	2113.8	23610.	3207.9
#2	2132.6	23656.	3205.0
#3	2125.9	23767.	3206.9

Sample Name: CCB Acquired: 6/27/2012 18:19:29 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20.85**	**2.117**	**-.1582**	**.3882**	**.2112**	**42.48**
Stddev	18.70	1.334	.5080	.3713	.1264	23.27
%RSD	89.69	63.03	321.0	95.64	59.82	54.78
#1	41.28	3.631	.0488	.8129	.3114	55.62
#2	16.71	1.609	.2135	.2267	.2531	56.22
#3	4.568	1.112	-.7370	.1251	.0693	15.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1536**	**.2933**	**-.0282**	**-1.799**	**6.163**	**93.20**
Stddev	.0966	.2430	.4875	.626	10.93	76.89
%RSD	62.93	82.85	1727.	34.82	177.4	82.50
#1	.2006	.5471	.4762	-1.078	12.64	150.6
#2	.2177	.2701	-.4968	-2.106	12.31	123.2
#3	.0424	.0628	-.0640	-2.212	-6.461	5.831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.97**	**.4822**	**83.76**	**.1319**	**-.1677**	**1.185**
Stddev	9.37	.4107	27.74	.1288	.8372	1.148
%RSD	78.32	85.17	33.12	97.67	499.3	96.81
#1	20.10	.9294	103.4	.1732	.7566	2.511
#2	14.08	.3954	95.85	-.0125	-.3845	.5111
#3	1.719	.1219	52.03	.2350	-.8751	.5346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 18:19:29 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1455**	**.4289**	**.1734**	**.3272**	**1.984**	**4.077**
Stddev	.9453	1.074	.5467	.2299	1.038	.152
%RSD	649.4	250.5	315.4	70.27	52.30	3.734
#1	.6881	.4527	.4963	.5813	3.147	4.158
#2	.0478	1.491	-.4579	.1335	1.652	4.172
#3	-1.173	-.6570	.4816	.2669	1.153	3.902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.580**	**.4574**	**1.240**	**-12.28**
Stddev	.532	.4125	.828	13.41
%RSD	33.67	90.18	66.75	109.1
#1	2.175	.8276	2.163	-1.262
#2	1.416	.5318	.5630	-27.21
#3	1.150	.0128	.9942	-8.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2270.9**	**25946.**	**3266.0**
Stddev	4.3	17.	19.4
%RSD	.18858	.06436	.59401
#1	2275.6	25930.	3269.7
#2	2269.8	25963.	3283.4
#3	2267.2	25943.	3245.1

Sample Name: ICSA 1552029 Acquired: 6/27/2012 18:23:15 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**500000.**	**-1.878**	**-1.194**	**-2.075**	**.0761**	**477000.**
Stddev	2600.	3.681	.260	.244	.0733	3557.
%RSD	.5199	196.0	21.77	11.76	96.23	.7457
#1	497200.	-3.478	-1.355	-1.864	-.0057	473500.
#2	500400.	-4.488	-1.332	-2.019	.1357	477000.
#3	502400.	2.333	-.8940	-2.342	.0985	480600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2155**	**-.4329**	**-.2709**	**-4.050**	**197500.**	**-164.0**
Stddev	.0711	.2523	.3736	3.358	448.	20.0
%RSD	32.99	58.29	137.9	82.91	.2269	12.18
#1	.1842	-.4103	.0950	-.9680	197800.	-140.9
#2	.1654	-.1926	-.2561	-3.553	197700.	-175.9
#3	.2969	-.6957	-.6517	-7.628	197000.	-175.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**511000.**	**-3.133**	**12.32**	**-.1656**	**.2332**	**-.3641**
Stddev	2594.	.095	29.89	.2744	.4153	1.345
%RSD	.5075	3.028	242.5	165.7	178.1	369.5
#1	510800.	-3.023	-21.44	-.4800	-.2443	-1.870
#2	513700.	-3.189	35.39	-.0430	.4331	.0584
#3	508500.	-3.185	23.03	.0262	.5107	.7193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 6/27/2012 18:23:15 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.498**	**.0671**	**-3.141**	**.4423**	**1.190**	**-2.470**
Stddev	3.754	2.581	.174	.3647	1.348	.080
%RSD	68.27	3846.	5.545	82.45	113.3	3.246
#1	-6.789	-2.684	-3.296	.8603	1.601	-2.523
#2	-1.269	2.434	-2.953	.1895	2.284	-2.509
#3	-8.436	.4517	-3.174	.2770	-.3166	-2.378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.283**	**-.1784**	**-5.321**	**8.253**
Stddev	1.564	.5819	.493	23.84
%RSD	68.51	326.1	9.268	288.8
#1	.9291	.3337	-5.843	15.45
#2	1.924	-.0578	-4.863	-18.35
#3	3.995	-.8113	-5.256	27.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2036.7**	**22354.**	**3155.1**
Stddev	2.6	20.	26.6
%RSD	.12846	.08977	.84357
#1	2036.6	22369.	3181.7
#2	2034.2	22331.	3155.4
#3	2039.4	22360.	3128.4

Sample Name: ICSAB 1552027 Acquired: 6/27/2012 18:27:04 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**499700.**	**96.49**	**104.7**	**97.50**	**97.82**	**477700.**
Stddev	566.	1.06	1.1	.15	.19	429.
%RSD	.1133	1.103	1.029	.1580	.1980	.0898
#1	499500.	96.21	104.0	97.41	97.97	477800.
#2	499300.	95.59	105.9	97.42	97.60	477200.
#3	500400.	97.66	104.1	97.68	97.89	478000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.70**	**94.84**	**97.67**	**92.87**	**197300.**	**10180.**
Stddev	.15	.17	.35	3.36	108.	69.
%RSD	.1502	.1775	.3574	3.617	.0545	.6821
#1	96.85	95.03	98.06	89.40	197400.	10100.
#2	96.70	94.76	97.38	96.11	197300.	10190.
#3	96.56	94.72	97.58	93.09	197200.	10240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**507000.**	**96.81**	**10460.**	**93.71**	**98.37**	**92.84**
Stddev	2765.	.15	11.	.75	.98	4.58
%RSD	.5454	.1581	.1010	.7968	.9973	4.929
#1	503900.	96.92	10460.	93.18	98.35	90.66
#2	507900.	96.64	10450.	94.56	99.36	98.10
#3	509200.	96.88	10470.	93.39	97.39	89.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1552027 Acquired: 6/27/2012 18:27:04 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93.13**	**93.78**	**94.96**	**95.97**	**99.16**	**94.06**
Stddev	1.06	3.02	.28	.24	.98	.02
%RSD	1.141	3.225	.2906	.2549	.9867	.0236
#1	93.56	91.42	95.11	95.73	100.3	94.05
#2	91.92	97.19	95.13	95.96	98.63	94.04
#3	93.90	92.73	94.64	96.22	98.57	94.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**99.43**	**101.7**	**93.06**	**52.70**
Stddev	.54	.2	1.24	5.09
%RSD	.5403	.1660	1.336	9.654
#1	99.52	101.5	94.47	56.97
#2	98.85	101.8	92.12	47.07
#3	99.92	101.9	92.59	54.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2035.4**	**22339.**	**3150.5**
Stddev	2.1	51.	8.5
%RSD	.10249	.22887	.26859
#1	2037.4	22293.	3155.4
#2	2033.2	22394.	3155.3
#3	2035.7	22331.	3140.7

Sample Name: INT-10 1552031 Acquired: 6/27/2012 18:30:43 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30.94**	**-6.293**	**-6.289**	**.5152**	**-1.141**	**71.12**
Stddev	57.99	2.148	.854	.0946	.113	57.62
%RSD	187.5	34.14	13.58	18.36	9.872	81.02
#1	96.80	-8.773	-7.037	.4859	-1.234	137.5
#2	8.490	-5.040	-6.473	.4387	-1.173	33.89
#3	-12.48	-5.064	-5.359	.6209	-1.016	41.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3853**	**10260.**	**10110.**	**-7.047**	**6.400**	**-5.356**
Stddev	.0675	42.	10.	5.151	8.338	50.74
%RSD	17.51	.4057	.0965	73.10	130.3	947.3
#1	-.4313	10270.	10100.	-5.900	2.723	31.56
#2	-.4167	10300.	10120.	-12.67	.5319	15.58
#3	-.3078	10220.	10110.	-2.566	15.94	-63.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**69.69**	**10080.**	**83.78**	**10450.**	**-4.908**	**-9.635**
Stddev	23.21	61.	10.63	37.	.753	3.805
%RSD	33.31	.6006	12.69	.3497	15.35	39.49
#1	96.38	10070.	84.99	10460.	-4.042	-10.38
#2	58.49	10150.	93.75	10490.	-5.276	-5.511
#3	54.19	10030.	72.59	10420.	-5.407	-13.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1552031 Acquired: 6/27/2012 18:30:43 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0018**	**-5.231**	**4929.**	**-5.665**	**14.86**	**5069.**
Stddev	2.726	3.089	2.	.138	1.44	25.
%RSD	150200.	59.05	.0456	2.440	9.695	.4884
#1	2.488	-7.358	4931.	-5.551	13.24	5077.
#2	.4218	-6.646	4931.	-5.819	15.35	5089.
#3	-2.915	-1.688	4927.	-5.624	15.99	5042.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10210.**	**9744.**	**9708.**	**10320.**
Stddev	39.	71.	31.	184.
%RSD	.3780	.7335	.3179	1.781
#1	10230.	9690.	9730.	10150.
#2	10240.	9825.	9722.	10300.
#3	10170.	9716.	9673.	10520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2284.9**	**25993.**	**3294.8**
Stddev	3.4	35.	9.8
%RSD	.15053	.13334	.29661
#1	2281.9	26006.	3296.6
#2	2284.2	26019.	3284.3
#3	2288.6	25954.	3303.6

Sample Name: 460-41706-b-2-f du@4 Acquired: 6/27/2012 18:34:34 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**95680.**	**14.10**	**-.7470**	**222.8**	**2.477**	**1822.**
Stddev	106.	1.38	.3878	.8	.103	21.
%RSD	.1107	9.789	51.92	.3806	4.166	1.178
#1	95790.	12.76	-.5343	223.2	2.543	1799.
#2	95580.	14.02	-.5121	223.3	2.529	1824.
#3	95680.	15.52	-1.195	221.8	2.358	1842.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1147**	**29.81**	**81.29**	**26.53**	**80660.**	**1538.**
Stddev	.1470	.43	.82	2.61	194.	2.
%RSD	128.2	1.448	1.015	9.836	.2407	.1096
#1	.1455	30.16	82.24	23.51	80840.	1538.
#2	.2438	29.93	80.79	28.13	80690.	1537.
#3	-.0452	29.32	80.84	27.93	80460.	1540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4636.**	**563.5**	**75.13**	**45.45**	**36.43**	**-.9848**
Stddev	15.	1.0	15.82	.46	2.00	.8734
%RSD	.3313	.1832	21.06	1.007	5.490	88.69
#1	4648.	564.6	66.79	45.82	34.21	.0166
#2	4641.	563.3	93.37	45.60	38.08	-1.382
#3	4619.	562.6	65.21	44.94	37.01	-1.589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41706-b-2-f du@4 Acquired: 6/27/2012 18:34:34 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4751**	**-1.954**	**126.0**	**68.14**	**6.322**	**8.274**
Stddev	1.767	2.197	.7	.55	.144	1.728
%RSD	371.9	112.4	.5709	.8131	2.274	20.89
#1	-2.059	-.5748	126.8	68.08	6.419	10.08
#2	1.431	-.8007	125.3	68.72	6.391	8.102
#3	-.7975	-4.488	125.8	67.62	6.157	6.637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.110**	**33.71**	**1638.**	**1376.**
Stddev	.187	1.09	3.	6.
%RSD	3.654	3.246	.1830	.4456
#1	5.239	34.97	1639.	1370.
#2	4.896	32.99	1640.	1382.
#3	5.194	33.16	1634.	1377.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2341.2**	**26053.**	**3377.1**
Stddev	3.9	38.	15.5
%RSD	.16515	.14585	.45832
#1	2345.6	26040.	3367.2
#2	2339.6	26022.	3394.9
#3	2338.3	26095.	3369.1

Sample Name: 460-41706-b-2-e@4 Acquired: 6/27/2012 18:38:12 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**107100.**	**14.32**	**-1.485**	**249.3**	**2.573**	**1721.**
Stddev	125.	1.09	.683	1.7	.210	8.
%RSD	.1167	7.639	45.97	.6700	8.167	.4849
#1	107100.	14.35	-1.744	250.1	2.343	1725.
#2	107000.	15.40	-1.999	250.4	2.755	1727.
#3	107200.	13.21	-.7104	247.3	2.621	1711.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0146**	**36.74**	**89.18**	**24.77**	**79140.**	**1340.**
Stddev	.1087	.19	.07	1.90	266.	65.
%RSD	745.8	.5056	.0768	7.652	.3358	4.849
#1	-.0860	36.96	89.11	26.95	79290.	1415.
#2	.1105	36.63	89.25	23.78	79300.	1301.
#3	-.0683	36.64	89.19	23.56	78840.	1305.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3845.**	**643.3**	**52.81**	**47.36**	**35.28**	**-2.439**
Stddev	13.	1.0	23.31	.14	1.31	1.088
%RSD	.3327	.1570	44.13	.3014	3.725	44.60
#1	3860.	643.3	64.02	47.53	34.20	-2.632
#2	3840.	644.3	68.39	47.26	36.75	-3.418
#3	3836.	642.3	26.01	47.30	34.91	-1.268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41706-b-2-e@4 Acquired: 6/27/2012 18:38:12 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4225**	**-2.222**	**117.0**	**65.47**	**5.956**	**1.868**
Stddev	4.027	3.427	.3	.47	.501	.224
%RSD	953.3	154.2	.2151	.7233	8.420	12.00
#1	2.243	1.302	116.8	65.87	5.442	1.704
#2	1.545	-5.542	117.3	65.60	6.444	2.124
#3	-5.055	-2.426	117.1	64.95	5.981	1.777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.476**	**34.68**	**1514.**	**1384.**
Stddev	.895	.06	4.	13.
%RSD	25.76	.1654	.2926	.9435
#1	4.481	34.66	1509.	1387.
#2	2.764	34.64	1515.	1370.
#3	3.181	34.75	1518.	1396.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2330.0**	**25980.**	**3365.3**
Stddev	4.9	15.	3.1
%RSD	.20956	.05702	.09249
#1	2334.2	25980.	3366.7
#2	2324.6	25966.	3367.6
#3	2331.1	25995.	3361.8

Sample Name: sd 460-41706-b-2-e@2 Acquired: 6/27/2012 18:41:50 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21460.**	**2.774**	**-.2766**	**49.53**	**.7178**	**368.1**
Stddev	34.	.976	.6125	.37	.0769	10.2
%RSD	.1595	35.17	221.4	.7377	10.72	2.770
#1	21490.	1.660	-.9054	49.58	.6687	359.4
#2	21470.	3.476	.3182	49.86	.6783	379.3
#3	21420.	3.185	-.2427	49.14	.8065	365.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1688**	**7.627**	**17.16**	**2.784**	**15820.**	**209.5**
Stddev	.0743	.259	.08	1.778	15.	45.3
%RSD	44.02	3.395	.4461	63.84	.0922	21.64
#1	.0831	7.578	17.15	2.618	15800.	220.6
#2	.2077	7.396	17.25	4.639	15830.	159.6
#3	.2155	7.907	17.09	1.096	15820.	248.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**783.6**	**129.1**	**28.95**	**9.878**	**7.874**	**.7216**
Stddev	4.4	.1	19.53	.187	1.041	2.962
%RSD	.5570	.1143	67.46	1.888	13.22	410.5
#1	778.8	129.1	45.45	9.869	8.861	-.0480
#2	787.3	129.0	34.02	10.07	6.786	-1.780
#3	784.6	129.3	7.387	9.696	7.975	3.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41706-b-2-e@2 Acquired: 6/27/2012 18:41:50 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.038**	**-1.233**	**23.01**	**15.73**	**.9668**	**.7519**
Stddev	1.450	.113	.20	.11	.4907	.2537
%RSD	71.14	9.129	.8864	.6694	50.76	33.75
#1	1.716	-1.354	22.78	15.84	.8744	.6006
#2	.7764	-1.213	23.17	15.64	1.497	.6104
#3	3.622	-1.132	23.09	15.69	.5289	1.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.237**	**7.072**	**294.9**	**265.6**
Stddev	1.132	.148	1.5	25.5
%RSD	91.49	2.092	.5172	9.609
#1	1.515	7.073	295.8	276.9
#2	-.0077	6.924	295.7	236.4
#3	2.204	7.220	293.1	283.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2321.2**	**26155.**	**3292.1**
Stddev	7.4	44.	6.7
%RSD	.31851	.16904	.20280
#1	2316.6	26150.	3284.4
#2	2317.2	26114.	3295.9
#3	2329.7	26202.	3296.1

Sample Name: 460-41706-b-2-g ms@4 Acquired: 6/27/2012 18:45:30 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**130100.**	**915.3**	**22.12**	**1212.**	**26.31**	**11300.**
Stddev	220.	1.8	.28	3.	.41	46.
%RSD	.1693	.1975	1.250	.2360	1.564	.4077
#1	129900.	917.4	21.81	1212.	26.68	11270.
#2	130300.	914.8	22.32	1215.	26.38	11350.
#3	129900.	913.9	22.25	1210.	25.87	11270.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.24**	**272.6**	**175.5**	**143.7**	**75690.**	**10490.**
Stddev	.21	1.5	.5	5.1	128.	89.
%RSD	.8717	.5393	.2757	3.533	.1690	.8520
#1	24.16	273.7	175.2	139.3	75760.	10500.
#2	24.48	273.1	175.3	149.3	75780.	10580.
#3	24.08	271.0	176.1	142.7	75550.	10400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13600.**	**832.2**	**9291.**	**294.8**	**281.4**	**170.7**
Stddev	13.	2.9	18.	1.3	1.4	2.3
%RSD	.0969	.3431	.1989	.4461	.4955	1.318
#1	13590.	832.7	9298.	295.2	282.6	173.3
#2	13610.	834.7	9305.	295.9	281.7	169.7
#3	13600.	829.1	9270.	293.3	279.9	169.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41706-b-2-g ms@4 Acquired: 6/27/2012 18:45:30 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**894.5**	**1011.**	**356.1**	**308.4**	**236.7**	**231.5**
Stddev	3.2	7.	.9	1.7	1.5	.8
%RSD	.3547	.6627	.2531	.5579	.6173	.3399
#1	896.7	1016.	355.3	309.3	237.9	232.3
#2	895.9	1014.	357.1	309.4	237.2	231.6
#3	890.9	1003.	355.9	306.4	235.1	230.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**239.8**	**286.3**	**1811.**	**1980.**
Stddev	2.3	.9	7.	13.
%RSD	.9641	.3021	.3822	.6573
#1	240.9	285.9	1819.	1965.
#2	241.3	287.3	1810.	1984.
#3	237.1	285.7	1805.	1990.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2315.0**	**25580.**	**3348.6**
Stddev	6.8	88.	13.2
%RSD	.29295	.34570	.39404
#1	2307.2	25478.	3338.1
#2	2319.8	25639.	3344.3
#3	2318.0	25622.	3363.4

Sample Name: pds 460-41706-b-2-e@ Acquired: 6/27/2012 18:48:59 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**108500.**	**1840.**	**46.22**	**2189.**	**49.96**	**20760.**
Stddev	140.	2.	.54	2.	.18	17.
%RSD	.1289	.1061	1.161	.1050	.3659	.0798
#1	108500.	1842.	46.80	2190.	49.82	20770.
#2	108300.	1838.	45.74	2191.	50.16	20770.
#3	108600.	1841.	46.11	2186.	49.89	20740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.40**	**520.7**	**285.7**	**261.6**	**79620.**	**19260.**
Stddev	.09	.7	.7	2.4	99.	78.
%RSD	.1843	.1426	.2392	.9211	.1248	.4066
#1	48.49	521.4	286.5	258.8	79690.	19210.
#2	48.31	520.9	285.4	263.1	79650.	19210.
#3	48.41	519.9	285.3	262.9	79510.	19350.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22340.**	**1137.**	**18450.**	**537.8**	**526.0**	**441.4**
Stddev	47.	1.	69.	1.5	1.8	3.7
%RSD	.2122	.0828	.3726	.2779	.3420	.8455
#1	22380.	1138.	18370.	539.2	524.0	444.7
#2	22340.	1137.	18490.	538.1	526.4	437.4
#3	22290.	1136.	18490.	536.2	527.6	442.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41706-b-2-e@ Acquired: 6/27/2012 18:48:59 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1797.**	**2013.**	**593.3**	**540.6**	**479.3**	**472.2**
Stddev	6.	3.	1.4	.4	.6	1.2
%RSD	.3167	.1253	.2380	.0774	.1265	.2622
#1	1797.	2011.	594.9	541.0	478.8	473.6
#2	1803.	2016.	592.9	540.7	479.2	471.2
#3	1792.	2012.	592.1	540.1	480.0	472.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**483.7**	**498.1**	**1981.**	**1462.**
Stddev	1.7	.1	6.	49.
%RSD	.3582	.0223	.3124	3.357
#1	485.7	498.0	1978.	1453.
#2	483.0	498.1	1976.	1417.
#3	482.4	498.2	1988.	1514.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2278.5**	**25303.**	**3323.7**
Stddev	2.9	20.	4.3
%RSD	.12802	.07928	.12886
#1	2281.3	25300.	3326.4
#2	2278.6	25324.	3318.8
#3	2275.5	25285.	3326.1

Sample Name: 460-41706-b-11-c@4 Acquired: 6/27/2012 18:52:23 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**56010.**	**10.43**	**-1.164**	**355.1**	**3.251**	**476.5**
Stddev	78.	3.03	.713	2.5	.081	8.2
%RSD	.1386	29.09	61.22	.7056	2.495	1.711
#1	55940.	10.75	-1.985	357.6	3.238	473.6
#2	56090.	7.249	-.8051	355.1	3.337	470.1
#3	55990.	13.29	-.7021	352.6	3.176	485.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2977**	**26.59**	**22.82**	**13.16**	**52380.**	**953.1**
Stddev	.0866	.67	.17	2.44	153.	57.9
%RSD	29.07	2.506	.7477	18.52	.2918	6.075
#1	.2395	27.05	22.99	12.79	52380.	967.7
#2	.3972	26.89	22.81	10.93	52530.	889.3
#3	.2565	25.82	22.65	15.76	52220.	1002.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1829.**	**1393.**	**148.9**	**25.57**	**27.65**	**.6006**
Stddev	7.	2.	19.7	.54	2.67	1.057
%RSD	.3837	.1371	13.21	2.116	9.660	176.0
#1	1835.	1391.	161.1	26.18	29.48	.3790
#2	1831.	1395.	159.4	25.38	24.59	-.3279
#3	1821.	1393.	126.2	25.15	28.89	1.751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41706-b-11-c@4 Acquired: 6/27/2012 18:52:23 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3917**	**-.5010**	**81.20**	**64.51**	**3.608**	**.9693**
Stddev	1.055	2.347	.50	.13	.778	.5410
%RSD	269.2	468.5	.6118	.1942	21.56	55.82
#1	.5342	-.0161	80.63	64.66	3.427	.7004
#2	-.7268	1.566	81.52	64.44	4.460	.6154
#3	1.368	-3.053	81.44	64.45	2.936	1.592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.766**	**14.96**	**1352.**	**1971.**
Stddev	.812	.21	2.	12.
%RSD	45.99	1.428	.1456	.6023
#1	.8353	15.06	1352.	1968.
#2	2.130	15.09	1354.	1960.
#3	2.332	14.71	1350.	1984.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2434.4**	**27376.**	**3478.5**
Stddev	7.9	12.	8.4
%RSD	.32579	.04474	.24199
#1	2425.3	27378.	3473.5
#2	2438.4	27386.	3473.7
#3	2439.5	27362.	3488.2

Sample Name: lcssrm 460-117597/2- Acquired: 6/27/2012 18:56:02 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31910.**	**1166.**	**232.3**	**1276.**	**487.9**	**35740.**
Stddev	35.	4.	.3	.	2.3	152.
%RSD	.1093	.3205	.1449	.0329	.4642	.4253
#1	31950.	1164.	232.0	1276.	490.1	35910.
#2	31910.	1163.	232.2	1276.	488.0	35690.
#3	31880.	1170.	232.7	1275.	485.6	35620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1047.**	**991.3**	**688.2**	**656.5**	**59300.**	**11400.**
Stddev	.	1.0	1.2	6.0	153.	19.
%RSD	.0437	.0975	.1696	.9072	.2579	.1682
#1	1047.	991.9	688.3	659.4	59140.	11400.
#2	1047.	991.7	689.3	660.4	59450.	11410.
#3	1046.	990.1	687.0	649.6	59300.	11370.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13110.**	**1781.**	**2651.**	**673.0**	**551.3**	**932.6**
Stddev	13.	3.	16.	.8	2.4	1.6
%RSD	.0979	.1729	.6154	.1208	.4280	.1742
#1	13100.	1779.	2650.	673.9	552.9	933.6
#2	13100.	1784.	2635.	672.3	548.6	933.5
#3	13120.	1779.	2667.	672.7	552.5	930.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117597/2- Acquired: 6/27/2012 18:56:02 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**544.8**	**872.0**	**618.2**	**933.1**	**608.4**	**535.5**
Stddev	5.7	3.7	.9	1.1	2.7	1.2
%RSD	1.045	.4230	.1449	.1145	.4467	.2221
#1	539.8	875.3	617.2	933.0	611.3	535.8
#2	543.6	872.8	618.7	934.2	607.9	536.4
#3	551.0	868.0	618.7	932.0	605.9	534.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**562.1**	**651.1**	**1014.**	**2442.**
Stddev	1.4	2.6	2.	37.
%RSD	.2459	.4014	.1632	1.530
#1	563.7	653.6	1015.	2478.
#2	561.1	651.2	1016.	2446.
#3	561.5	648.4	1013.	2403.
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2354.6**	**26467.**	**3416.6**
Stddev	6.6	49.	5.9
%RSD	.28096	.18689	.17362
#1	2346.9	26417.	3417.6
#2	2358.5	26467.	3421.9
#3	2358.3	26516.	3410.2

Sample Name: CCV Acquired: 6/27/2012 18:59:29 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122900.**	**2477.**	**1236.**	**10040.**	**972.8**	**122300.**
Stddev	111.	5.	1.	22.	1.1	159.
%RSD	.0905	.1828	.0934	.2205	.1117	.1304
#1	122900.	2472.	1237.	10010.	973.8	122400.
#2	122800.	2480.	1235.	10050.	971.6	122100.
#3	123000.	2480.	1236.	10050.	973.0	122300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1262.**	**2490.**	**5057.**	**12140.**	**100100.**	**47860.**
Stddev	2.	5.	5.	16.	13.	89.
%RSD	.1707	.2082	.0921	.1322	.0128	.1862
#1	1260.	2484.	5053.	12140.	100100.	47750.
#2	1263.	2492.	5056.	12130.	100100.	47910.
#3	1264.	2494.	5062.	12160.	100100.	47910.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124300.**	**5063.**	**120900.**	**2528.**	**7576.**	**1008.**
Stddev	205.	1.	113.	5.	15.	5.
%RSD	.1649	.0296	.0934	.1953	.1988	.5287
#1	124100.	5063.	121000.	2522.	7559.	1005.
#2	124300.	5062.	120800.	2531.	7580.	1014.
#3	124500.	5065.	121000.	2531.	7588.	1004.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 18:59:29 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2442.**	**2561.**	**2483.**	**2482.**	**1009.**	**2503.**
Stddev	3.	7.	5.	4.	2.	5.
%RSD	.1233	.2717	.1899	.1515	.2340	.1925
#1	2444.	2553.	2485.	2477.	1009.	2498.
#2	2439.	2561.	2478.	2484.	1007.	2506.
#3	2444.	2567.	2487.	2484.	1011.	2506.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**997.4**	**4952.**	**9833.**	**9903.**
Stddev	2.1	4.	18.	44.
%RSD	.2133	.0796	.1865	.4440
#1	995.5	4952.	9820.	9868.
#2	997.1	4948.	9825.	9890.
#3	999.7	4956.	9854.	9953.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2126.3**	**23625.**	**3219.5**
Stddev	6.0	37.	14.7
%RSD	.28230	.15696	.45598
#1	2130.3	23653.	3229.5
#2	2129.2	23583.	3226.3
#3	2119.4	23640.	3202.7

Sample Name: CCB Acquired: 6/27/2012 19:02:48 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.195**	**.8765**	**-.2832**	**.3914**	**.1394**	**34.40**
Stddev	2.958	1.590	.4650	.4052	.1795	20.24
%RSD	247.6	181.4	164.2	103.5	128.8	58.85
#1	2.955	2.711	-.4391	.8480	.2499	38.70
#2	-2.220	-.1093	-.6503	.2514	-.0677	12.35
#3	2.849	.0281	.2396	.0747	.2361	52.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1212**	**-.0145**	**.4838**	**-.3286**	**18.12**	**20.92**
Stddev	.0835	.2064	.6900	2.295	9.99	30.52
%RSD	68.88	1426.	142.6	698.5	55.14	145.9
#1	.2111	-.2227	.8694	.0754	27.76	-5.937
#2	.0462	.1900	.8949	1.738	18.79	14.59
#3	.1062	-.0107	-.3128	-2.799	7.811	54.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.52**	**.3692**	**57.30**	**.5256**	**.8209**	**-.0037**
Stddev	10.89	.3685	27.59	.2955	.4300	1.122
%RSD	94.57	99.81	48.14	56.22	52.39	30240.
#1	23.02	.7923	83.92	.8216	1.226	.8961
#2	10.16	.1967	59.13	.5244	.8675	-1.261
#3	1.365	.1186	28.84	.2307	.3694	.3542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 19:02:48 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.181**	**-1.145**	**.2258**	**.2894**	**.9481**	**3.471**
Stddev	1.708	1.010	.2154	.2471	1.199	.313
%RSD	53.69	88.20	95.38	85.38	126.5	9.024
#1	4.093	.0119	.1118	.5022	2.320	3.813
#2	4.239	-1.850	.0914	.3476	.4227	3.197
#3	1.211	-1.597	.4743	.0184	.1015	3.405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.2961**	**.7186**	**.1140**	**17.82**
Stddev	.7808	.2215	.9269	14.03
%RSD	263.7	30.82	813.1	78.74
#1	-.3271	.9738	.9601	14.98
#2	.0433	.5770	-.8767	33.06
#3	1.172	.6049	.2586	5.426
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2277.3**	**25906.**	**3227.9**
Stddev	3.3	36.	13.7
%RSD	.14289	.14028	.42502
#1	2276.2	25941.	3230.5
#2	2274.7	25869.	3240.2
#3	2280.9	25908.	3213.1

Sample Name: mb 460-117597/1-a@2 Acquired: 6/27/2012 19:06:35 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.02**	**-.7194**	**.0568**	**-.0298**	**.0767**	**78.92**
Stddev	18.20	.8353	.5679	.0951	.0959	8.65
%RSD	165.1	116.1	999.5	319.5	125.0	10.96
#1	26.74	-1.076	.2631	.0662	.1396	73.97
#2	-8.915	-1.317	-.5854	-.0314	-.0337	88.91
#3	15.25	.2350	.4927	-.1240	.1243	73.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0703**	**-.0157**	**.2745**	**-4.039**	**4.182**	**-90.66**
Stddev	.0328	.3296	.6445	2.898	7.217	65.50
%RSD	46.62	2103.	234.8	71.75	172.6	72.25
#1	-.0339	.1406	.9818	-7.024	12.51	-99.88
#2	-.0794	.2067	-.2798	-1.237	-.1825	-151.1
#3	-.0975	-.3943	.1216	-3.855	.2161	-21.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.865**	**.0780**	**52.89**	**-.1536**	**-.0736**	**1.390**
Stddev	2.326	.1178	3.52	.1252	.3482	1.637
%RSD	47.82	151.0	6.657	81.51	473.0	117.8
#1	2.427	.0392	56.93	-.2039	-.1371	-.1982
#2	5.106	.2103	51.25	-.2460	.3019	1.295
#3	7.061	-.0154	50.49	-.0111	-.3857	3.072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117597/1-a@2 Acquired: 6/27/2012 19:06:35 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.219**	**-1.779**	**.2981**	**.3737**	**3.855**	**1.385**
Stddev	3.350	1.920	.3362	.2008	.568	.116
%RSD	151.0	108.0	112.8	53.74	14.72	8.377
#1	6.069	.1125	.1215	.5575	3.343	1.269
#2	.6254	-3.727	.0870	.1594	4.466	1.501
#3	-.0364	-1.721	.6858	.4042	3.756	1.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.9883**	**.3272**	**.2994**	**13.50**
Stddev	.6483	.1721	.6874	8.44
%RSD	65.59	52.59	229.6	62.52
#1	1.537	.2976	-.3726	5.614
#2	.2730	.1719	.2696	22.40
#3	1.155	.5122	1.001	12.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2210.6**	**25339.**	**3177.4**
Stddev	18.0	277.	13.4
%RSD	.81290	1.0938	.42300
#1	2189.8	25019.	3192.8
#2	2220.1	25510.	3168.4
#3	2221.8	25487.	3170.9

Sample Name: 460-41694-a-2-a@4 Acquired: 6/27/2012 19:10:19 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36710.**	**10.03**	**-.4934**	**258.8**	**2.461**	**3062.**
Stddev	62.	.58	.3662	.3	.111	19.
%RSD	.1687	5.740	74.21	.1176	4.499	.6199
#1	36760.	10.36	-.9113	258.4	2.531	3084.
#2	36730.	10.36	-.2287	258.9	2.519	3056.
#3	36640.	9.364	-.3402	259.0	2.334	3047.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.20**	**32.76**	**68.60**	**129.2**	**85900.**	**4686.**
Stddev	.01	.01	.20	1.9	143.	86.
%RSD	.1102	.0182	.2878	1.492	.1665	1.842
#1	11.20	32.76	68.43	130.6	85730.	4774.
#2	11.21	32.76	68.55	129.9	85990.	4601.
#3	11.19	32.75	68.82	127.0	85960.	4684.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13150.**	**1901.**	**197.5**	**65.95**	**66.78**	**3.251**
Stddev	32.	2.	.4	.35	1.28	1.744
%RSD	.2452	.1245	.1983	.5322	1.916	53.63
#1	13130.	1899.	197.0	65.57	68.19	4.803
#2	13130.	1903.	197.6	66.04	66.48	3.586
#3	13190.	1900.	197.8	66.25	65.68	1.364
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-2-a@4 Acquired: 6/27/2012 19:10:19 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.920**	**-1.593**	**91.95**	**2461.**	**22.74**	**.5301**
Stddev	2.322	.665	.19	4.	1.08	.2268
%RSD	120.9	41.76	.2011	.1792	4.769	42.78
#1	-4.073	-1.686	92.14	2457.	23.92	.7911
#2	-2.227	-.8859	91.96	2462.	22.51	.4191
#3	.5404	-2.206	91.77	2465.	21.79	.3803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.558**	**46.87**	**968.2**	**771.7**
Stddev	.668	.10	1.8	6.4
%RSD	18.79	.2218	.1860	.8291
#1	4.202	46.77	970.3	764.4
#2	3.604	46.87	966.8	774.4
#3	2.868	46.98	967.6	776.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2372.7**	**26721.**	**3422.9**
Stddev	2.0	97.	18.4
%RSD	.08463	.36223	.53899
#1	2371.2	26801.	3403.2
#2	2375.0	26749.	3425.5
#3	2372.0	26613.	3439.8

Sample Name: 460-41694-a-3-a@4 Acquired: 6/27/2012 19:13:53 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37650.**	**9.985**	**-.6276**	**247.3**	**2.338**	**2530.**
Stddev	42.	.400	.4911	.2	.116	18.
%RSD	.1109	4.008	78.26	.0806	4.960	.7270
#1	37610.	9.523	-.6961	247.2	2.472	2527.
#2	37640.	10.22	-.1058	247.5	2.285	2549.
#3	37690.	10.21	-1.081	247.2	2.259	2513.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.72**	**40.55**	**90.23**	**59.75**	**95560.**	**4242.**
Stddev	.23	.26	.40	4.78	96.	77.
%RSD	1.678	.6378	.4420	7.994	.1002	1.818
#1	13.60	40.29	89.78	63.00	95660.	4299.
#2	13.99	40.55	90.54	61.97	95470.	4274.
#3	13.57	40.81	90.37	54.27	95550.	4155.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17790.**	**1458.**	**374.4**	**83.75**	**60.92**	**-1.212**
Stddev	8.	1.	9.2	.57	.33	.779
%RSD	.0446	.0795	2.451	.6792	.5486	64.23
#1	17780.	1460.	380.9	84.41	61.30	-.3490
#2	17790.	1457.	378.4	83.39	60.78	-1.427
#3	17800.	1458.	363.9	83.46	60.67	-1.862
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-3-a@4 Acquired: 6/27/2012 19:13:53 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.614**	**-1.986**	**106.5**	**3362.**	**21.85**	**.2665**
Stddev	.363	.438	.4	5.	.69	.2449
%RSD	10.04	22.06	.3960	.1430	3.140	91.88
#1	-3.268	-2.026	106.9	3359.	22.26	.1273
#2	-3.991	-1.529	106.2	3368.	22.23	.5493
#3	-3.583	-2.402	106.3	3360.	21.06	.1230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.884**	**74.79**	**1190.**	**742.1**
Stddev	1.077	.19	2.	9.8
%RSD	37.36	.2560	.2071	1.318
#1	1.801	74.80	1189.	744.2
#2	3.956	74.59	1188.	750.6
#3	2.894	74.98	1193.	731.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2391.1**	**26901.**	**3469.2**
Stddev	2.4	63.	17.2
%RSD	.10191	.23271	.49519
#1	2393.5	26830.	3450.0
#2	2391.0	26948.	3483.3
#3	2388.6	26925.	3474.2

Sample Name: 460-41694-a-4-a@4 Acquired: 6/27/2012 19:17:28 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35950.**	**11.23**	**-1.296**	**292.8**	**2.107**	**2650.**
Stddev	100.	1.48	.228	1.6	.048	33.
%RSD	.2772	13.16	17.56	.5618	2.296	1.262
#1	35840.	9.693	-1.425	294.1	2.056	2614.
#2	36030.	11.35	-1.034	293.4	2.111	2655.
#3	35980.	12.64	-1.431	291.0	2.153	2680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.80**	**26.58**	**62.71**	**60.82**	**71610.**	**3780.**
Stddev	.13	.20	.21	1.67	212.	23.
%RSD	1.161	.7459	.3423	2.737	.2967	.5960
#1	10.83	26.70	62.71	60.30	71800.	3762.
#2	10.90	26.69	62.93	62.69	71630.	3806.
#3	10.66	26.35	62.50	59.48	71380.	3773.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11010.**	**1014.**	**147.1**	**53.52**	**47.68**	**-1.914**
Stddev	47.	2.	7.4	.09	1.26	3.356
%RSD	.4269	.2004	5.000	.1644	2.643	175.3
#1	11040.	1015.	154.3	53.41	46.86	1.473
#2	11030.	1016.	139.6	53.57	49.13	-5.238
#3	10960.	1012.	147.3	53.56	47.05	-1.977
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-4-a@4 Acquired: 6/27/2012 19:17:28 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.571**	**-1.873**	**80.91**	**1979.**	**17.08**	**.1515**
Stddev	2.501	1.760	.38	7.	.31	.1650
%RSD	70.03	93.93	.4644	.3374	1.822	108.9
#1	-.7001	-1.308	80.57	1984.	16.88	-.0188
#2	-4.738	-3.846	80.85	1981.	17.44	.1627
#3	-5.275	-.4660	81.32	1971.	16.93	.3107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.380**	**62.02**	**768.6**	**831.7**
Stddev	1.046	.11	1.7	16.3
%RSD	30.95	.1782	.2214	1.959
#1	2.564	61.97	769.0	819.5
#2	4.560	61.95	770.1	850.2
#3	3.017	62.15	766.8	825.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2384.2**	**26854.**	**3419.2**
Stddev	5.2	43.	8.9
%RSD	.21844	.15921	.25930
#1	2388.7	26805.	3426.4
#2	2385.5	26881.	3421.9
#3	2378.5	26877.	3409.3

Sample Name: 460-41694-a-5-a@4 Acquired: 6/27/2012 19:21:03 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50510.**	**12.25**	**-.6436**	**311.4**	**2.341**	**4253.**
Stddev	73.	3.27	.5345	.6	.126	10.
%RSD	.1448	26.70	83.06	.2058	5.384	.2306
#1	50430.	8.545	-1.261	311.1	2.202	4261.
#2	50530.	14.73	-.3467	312.1	2.371	4255.
#3	50570.	13.48	-.3233	311.0	2.448	4242.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.88**	**28.26**	**78.64**	**77.65**	**80680.**	**4119.**
Stddev	.13	.18	.21	2.13	113.	107.
%RSD	1.045	.6476	.2617	2.737	.1404	2.605
#1	12.76	28.35	78.88	76.18	80560.	4123.
#2	12.85	28.38	78.49	80.09	80770.	4224.
#3	13.02	28.05	78.56	76.68	80730.	4010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12110.**	**1244.**	**148.8**	**65.13**	**266.6**	**5.692**
Stddev	22.	2.	10.5	.85	.9	1.381
%RSD	.1785	.1518	7.028	1.310	.3481	24.26
#1	12090.	1242.	160.5	65.29	266.2	7.187
#2	12130.	1245.	145.4	65.89	267.7	5.423
#3	12120.	1245.	140.4	64.21	266.0	4.465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-5-a@4 Acquired: 6/27/2012 19:21:03 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3458	-1.332	96.22	4182.	20.23	-.1563
Stddev	3.282	2.165	.47	5.	.54	.0845
%RSD	949.2	162.5	.4872	.1276	2.664	54.08
#1	-1.112	-1.174	95.84	4183.	19.75	-.2418
#2	4.104	.7496	96.74	4186.	20.12	-.1542
#3	-1.955	-3.573	96.08	4176.	20.81	-.0728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.135	52.82	770.6	825.1
Stddev	.607	.17	2.1	7.3
%RSD	11.82	.3224	.2754	.8902
#1	4.771	52.99	768.8	832.9
#2	5.836	52.83	770.2	818.4
#3	4.799	52.65	772.9	823.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2362.1	26485.	3381.5
Stddev	1.4	43.	.9
%RSD	.05880	.16260	.02676
#1	2362.8	26493.	3380.4
#2	2360.5	26523.	3381.7
#3	2363.1	26438.	3382.2

Sample Name: 460-41694-a-6-a@4 Acquired: 6/27/2012 19:24:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**33340.**	**13.77**	**-.5096**	**311.7**	**1.929**	**7904.**
Stddev	29.	3.40	.2769	1.0	.036	18.
%RSD	.0869	24.65	54.33	.3144	1.858	.2290
#1	33370.	11.09	-.7545	312.3	1.900	7922.
#2	33320.	12.65	-.2091	312.2	1.969	7905.
#3	33330.	17.59	-.5651	310.5	1.918	7886.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19.72**	**31.90**	**68.58**	**97.24**	**67670.**	**2984.**
Stddev	.05	.18	.35	2.83	84.	80.
%RSD	.2687	.5725	.5095	2.906	.1248	2.665
#1	19.78	32.06	68.80	94.10	67740.	3068.
#2	19.70	31.70	68.76	99.57	67700.	2910.
#3	19.67	31.94	68.18	98.06	67580.	2974.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10470.**	**1611.**	**135.1**	**57.44**	**1158.**	**19.22**
Stddev	5.	2.	11.8	.53	2.	1.94
%RSD	.0483	.1132	8.701	.9264	.1611	10.11
#1	10470.	1612.	128.2	57.93	1160.	20.26
#2	10470.	1612.	128.5	56.87	1157.	16.98
#3	10460.	1609.	148.7	57.53	1157.	20.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-6-a@4 Acquired: 6/27/2012 19:24:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.174**	**-2.258**	**100.3**	F **5175.**	**19.43**	**-.0427**
Stddev	1.554	1.066	.5	7.	.36	.2441
%RSD	71.46	47.21	.5391	.1264	1.858	572.1
#1	3.401	-3.364	99.97	5176.	19.51	-.2758
#2	2.695	-2.173	100.9	5181.	19.04	.2111
#3	.4270	-1.237	99.98	5168.	19.75	-.0633
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**8.393**	**83.77**	**673.3**	**1075.**
Stddev	.576	.03	2.8	31.
%RSD	6.868	.0330	.4196	2.875
#1	7.805	83.76	676.5	1056.
#2	8.957	83.80	671.6	1111.
#3	8.416	83.75	671.7	1059.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2378.0**	**26795.**	**3422.8**
Stddev	8.8	82.	15.4
%RSD	.36936	.30498	.45020
#1	2372.1	26765.	3406.1
#2	2373.8	26887.	3436.4
#3	2388.1	26732.	3425.8

Sample Name: 460-41694-a-7-a@4 Acquired: 6/27/2012 19:28:12 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**33340.**	**13.56**	**-1.178**	**326.6**	**2.308**	**5920.**
Stddev	47.	2.27	.480	.5	.159	32.
%RSD	.1424	16.77	40.76	.1638	6.865	.5330
#1	33300.	11.24	-1.703	326.0	2.152	5906.
#2	33390.	13.66	-.7622	326.6	2.304	5956.
#3	33320.	15.78	-1.068	327.1	2.469	5898.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.92**	**32.54**	**74.09**	**101.3**	**77740.**	**4827.**
Stddev	.07	.22	.25	1.3	253.	31.
%RSD	.5773	.6907	.3392	1.242	.3250	.6321
#1	12.83	32.30	74.27	100.7	77460.	4862.
#2	12.95	32.56	74.19	100.5	77810.	4809.
#3	12.96	32.75	73.80	102.8	77940.	4810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13500.**	**2137.**	**250.0**	**69.84**	**795.1**	**5.437**
Stddev	77.	6.	6.2	.46	3.1	1.109
%RSD	.5714	.2994	2.486	.6648	.3871	20.40
#1	13420.	2130.	251.4	69.63	791.8	5.348
#2	13530.	2137.	255.4	70.37	795.7	6.587
#3	13560.	2143.	243.2	69.52	797.9	4.375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-7-a@4 Acquired: 6/27/2012 19:28:12 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1000**	**.2083**	**89.23**	**2860.**	**24.68**	**.7147**
Stddev	2.947	1.795	.34	11.	.18	.3348
%RSD	2948.	862.0	.3792	.3673	.7112	46.84
#1	-3.203	-.7112	89.33	2848.	24.74	.8977
#2	2.661	-.9410	89.50	2865.	24.48	.9181
#3	.2421	2.277	88.85	2868.	24.81	.3283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**9.161**	**49.05**	**897.7**	**940.3**
Stddev	.682	.40	2.8	33.2
%RSD	7.440	.8218	.3148	3.533
#1	9.924	48.85	897.9	946.5
#2	8.946	49.52	900.4	904.5
#3	8.613	48.79	894.8	970.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2410.2**	**27042.**	**3471.3**
Stddev	1.8	39.	21.4
%RSD	.07565	.14597	.61739
#1	2408.5	27013.	3451.4
#2	2409.9	27027.	3468.6
#3	2412.1	27087.	3494.0

Sample Name: 460-41694-a-8-a@4 Acquired: 6/27/2012 19:31:46 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38490.**	**11.57**	**-1.305**	**289.8**	**2.467**	**3466.**
Stddev	95.	1.00	.222	.9	.283	26.
%RSD	.2459	8.623	17.03	.3059	11.46	.7472
#1	38430.	10.49	-1.360	290.7	2.622	3446.
#2	38600.	11.75	-1.494	289.8	2.639	3457.
#3	38450.	12.46	-1.060	288.9	2.141	3495.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.286**	**35.77**	**77.42**	**79.80**	**91010.**	**4323.**
Stddev	.045	.30	.41	1.76	145.	24.
%RSD	1.383	.8402	.5287	2.201	.1597	.5469
#1	3.301	35.79	77.35	79.76	91110.	4298.
#2	3.323	35.46	77.86	81.57	91090.	4346.
#3	3.236	36.06	77.05	78.06	90850.	4324.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14540.**	**2003.**	**256.7**	**70.72**	**165.7**	**1.321**
Stddev	28.	2.	10.6	.56	.5	1.422
%RSD	.1956	.1208	4.117	.7866	.2869	107.7
#1	14570.	2005.	268.4	71.31	166.2	-.1379
#2	14520.	2003.	253.8	70.65	165.5	1.396
#3	14510.	2000.	247.9	70.21	165.3	2.704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-8-a@4 Acquired: 6/27/2012 19:31:46 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0023	-1.265	98.23	822.5	22.07	1.135
Stddev	2.015	1.644	.54	3.2	.32	.269
%RSD	88480.	129.9	.5508	.3878	1.467	23.67
#1	-1.957	-2.080	98.39	825.6	21.76	.8616
#2	-.1054	.6265	98.67	822.5	22.05	1.146
#3	2.069	-2.343	97.63	819.2	22.41	1.399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.192	43.65	929.9	899.2
Stddev	.720	.31	.9	26.4
%RSD	17.16	.7171	.0937	2.935
#1	3.695	43.40	930.7	878.5
#2	3.864	44.00	930.1	890.2
#3	5.017	43.55	929.0	928.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2395.0	26916.	3451.0
Stddev	5.3	55.	8.5
%RSD	.22095	.20394	.24666
#1	2393.7	26864.	3451.5
#2	2400.9	26974.	3459.3
#3	2390.6	26909.	3442.3

Sample Name: 460-41694-a-9-a@4 Acquired: 6/27/2012 19:35:21 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46320.**	**13.51**	**-1.511**	**282.6**	**3.032**	**4684.**
Stddev	200.	1.86	.467	.8	.157	49.
%RSD	.4317	13.75	30.86	.2879	5.180	1.038
#1	46250.	15.53	-1.240	283.2	3.196	4642.
#2	46170.	11.87	-2.050	283.0	3.016	4674.
#3	46550.	13.14	-1.244	281.7	2.883	4737.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.129**	**45.59**	**98.31**	**93.69**	**98190.**	**5904.**
Stddev	.121	.32	.44	1.51	167.	72.
%RSD	1.694	.7070	.4476	1.608	.1701	1.228
#1	7.265	45.45	98.23	92.21	98360.	5967.
#2	7.035	45.36	98.78	95.22	98190.	5824.
#3	7.087	45.96	97.91	93.64	98030.	5920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19810.**	**2242.**	**264.9**	**94.24**	**390.3**	**6.911**
Stddev	25.	2.	11.6	.37	.8	.482
%RSD	.1255	.1083	4.372	.3968	.2136	6.969
#1	19840.	2240.	272.7	94.44	390.5	7.322
#2	19810.	2242.	270.5	93.81	389.5	6.381
#3	19790.	2245.	251.6	94.47	391.1	7.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-9-a@4 Acquired: 6/27/2012 19:35:21 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9348**	**1.029**	**98.67**	**1652.**	**24.02**	**.7278**
Stddev	5.665	2.339	.40	4.	.31	.1747
%RSD	606.0	227.4	.4049	.2613	1.272	24.01
#1	-7.454	-1.314	98.66	1656.	23.92	.5724
#2	2.795	3.364	98.27	1652.	24.37	.6940
#3	1.855	1.036	99.07	1648.	23.78	.9170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.217**	**102.2**	**851.6**	**1015.**
Stddev	.418	.4	2.0	33.
%RSD	9.907	.4144	.2298	3.245
#1	3.737	101.7	853.1	1048.
#2	4.498	102.3	849.4	1016.
#3	4.416	102.5	852.3	981.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2359.0**	**26500.**	**3390.5**
Stddev	2.6	81.	22.7
%RSD	.10968	.30476	.66813
#1	2357.4	26467.	3405.9
#2	2362.0	26593.	3401.1
#3	2357.6	26442.	3364.5

Sample Name: 460-41694-a-10-a@4 Acquired: 6/27/2012 19:38:54 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30540.**	**13.59**	**-.8290**	**248.1**	**1.803**	**3747.**
Stddev	60.	1.66	1.020	.7	.202	40.
%RSD	.1977	12.20	123.0	.2946	11.17	1.080
#1	30510.	13.21	-1.758	248.4	1.923	3701.
#2	30600.	12.15	.2625	248.7	1.571	3764.
#3	30490.	15.40	-.9920	247.3	1.916	3776.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.312**	**26.32**	**63.32**	**84.30**	**63220.**	**3190.**
Stddev	.130	.28	.62	7.50	90.	66.
%RSD	3.914	1.077	.9819	8.903	.1420	2.069
#1	3.169	26.33	64.02	88.72	63190.	3187.
#2	3.423	26.04	63.11	75.63	63330.	3125.
#3	3.342	26.60	62.83	88.54	63160.	3257.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10200.**	**1293.**	**154.7**	**51.42**	**1008.**	**9.972**
Stddev	14.	3.	18.7	.28	1.	2.204
%RSD	.1329	.2190	12.07	.5445	.0522	22.10
#1	10200.	1291.	174.2	51.11	1008.	12.42
#2	10210.	1297.	153.1	51.66	1008.	8.145
#3	10180.	1292.	137.0	51.49	1008.	9.352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-10-a@4 Acquired: 6/27/2012 19:38:54 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8787**	**-1.082**	**87.46**	**984.5**	**16.18**	**.9767**
Stddev	2.646	1.026	.68	2.0	.71	.3462
%RSD	301.2	94.76	.7749	.2033	4.382	35.45
#1	-3.923	-1.696	86.96	984.1	15.62	1.292
#2	.8730	-1.653	88.23	986.7	16.98	1.032
#3	.4140	.1017	87.20	982.8	15.95	.6061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**7.856**	**33.09**	**581.5**	**947.1**
Stddev	.549	.56	2.4	4.0
%RSD	6.993	1.679	.4137	.4194
#1	7.807	32.57	579.3	950.0
#2	7.333	33.03	584.0	942.6
#3	8.428	33.68	581.3	948.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2340.2**	**26508.**	**3341.3**
Stddev	7.8	40.	13.8
%RSD	.33387	.14929	.41229
#1	2349.1	26462.	3355.2
#2	2334.5	26529.	3341.0
#3	2337.0	26532.	3327.6

Sample Name: CCV Acquired: 6/27/2012 19:42:31 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123500.**	**2446.**	**1236.**	**9976.**	**989.1**	**124800.**
Stddev	63.	4.	2.	8.	4.1	194.
%RSD	.0509	.1724	.1232	.0843	.4119	.1555
#1	123500.	2449.	1234.	9985.	993.6	125000.
#2	123400.	2441.	1236.	9968.	985.6	124700.
#3	123500.	2447.	1237.	9976.	988.2	124600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1249.**	**2478.**	**4993.**	**12380.**	**99320.**	**48680.**
Stddev	1.	1.	7.	45.	76.	87.
%RSD	.0543	.0350	.1371	.3596	.0769	.1777
#1	1250.	2477.	4987.	12430.	99240.	48710.
#2	1249.	2478.	5000.	12350.	99380.	48580.
#3	1250.	2479.	4991.	12370.	99350.	48750.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121900.**	**5085.**	**122300.**	**2511.**	**7516.**	**992.1**
Stddev	83.	3.	119.	2.	7.	1.4
%RSD	.0682	.0643	.0971	.0801	.0903	.1430
#1	121800.	5083.	122500.	2513.	7522.	993.4
#2	122000.	5088.	122300.	2509.	7509.	992.2
#3	121800.	5082.	122300.	2511.	7516.	990.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 19:42:31 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2401.**	**2541.**	**2474.**	**2464.**	**1003.**	**2492.**
Stddev	7.	7.	2.	.	3.	5.
%RSD	.2769	.2569	.0754	.0201	.2618	.1909
#1	2394.	2548.	2473.	2465.	1001.	2495.
#2	2399.	2536.	2473.	2464.	1006.	2487.
#3	2408.	2538.	2476.	2464.	1003.	2495.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**991.6**	**5026.**	**9842.**	**9779.**
Stddev	2.2	7.	29.	84.
%RSD	.2183	.1483	.2996	.8613
#1	994.1	5031.	9849.	9786.
#2	990.1	5018.	9809.	9692.
#3	990.6	5030.	9867.	9860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2112.9**	**23623.**	**3150.6**
Stddev	4.4	82.	8.3
%RSD	.20937	.34711	.26437
#1	2108.5	23530.	3141.5
#2	2117.3	23658.	3152.5
#3	2112.8	23682.	3157.8

Sample Name: CCB Acquired: 6/27/2012 19:45:51 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.852**	**.1775**	**-.1502**	**.3037**	**.1669**	**40.94**
Stddev	17.03	1.814	.9539	.3304	.1730	13.47
%RSD	350.9	1022.	635.0	108.8	103.6	32.90
#1	23.36	1.088	-1.115	.6852	.3641	45.80
#2	1.334	-1.911	-.1289	.1127	.0959	25.71
#3	-10.14	1.355	.7929	.1133	.0408	51.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1486**	**-.0645**	**.2603**	**-2.928**	**10.75**	**-8.576**
Stddev	.1230	.1092	.4980	4.967	10.48	40.26
%RSD	82.80	169.2	191.3	169.7	97.54	469.5
#1	.2840	-.1691	.7878	-8.663	18.93	24.10
#2	.0438	-.0733	.1948	-.1307	-1.069	3.726
#3	.1179	.0487	-.2018	.0099	14.38	-53.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.72**	**.4100**	**47.79**	**-.1642**	**-.0853**	**.8412**
Stddev	8.12	.3235	43.51	.1727	.5425	1.328
%RSD	75.69	78.89	91.04	105.2	635.9	157.9
#1	18.28	.7803	97.61	-.2326	.2212	-.6762
#2	11.75	.2669	28.53	-.2923	.2346	1.794
#3	2.144	.1828	17.24	.0322	-.7117	1.406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 19:45:51 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.979**	**.9146**	**.4887**	**.2566**	**.9764**	**3.302**
Stddev	2.039	.5630	.3745	.1545	1.162	.272
%RSD	68.46	61.55	76.63	60.20	119.0	8.232
#1	-1.227	1.471	.2930	.4282	1.780	3.392
#2	-2.492	.3453	.2526	.2129	1.505	3.518
#3	-5.217	.9277	.9206	.1287	-.3555	2.997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.7487**	**.2726**	**3.072**	**-.5023**
Stddev	.2366	.5246	1.685	24.70
%RSD	31.60	192.5	54.85	4918.
#1	.4756	.8746	4.958	15.33
#2	.8827	-.0858	2.545	12.13
#3	.8879	.0289	1.714	-28.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2275.5**	**25830.**	**3197.4**
Stddev	8.4	14.	18.8
%RSD	.37048	.05240	.58659
#1	2269.1	25836.	3189.0
#2	2285.1	25840.	3184.3
#3	2272.4	25815.	3218.9

Sample Name: 460-41694-a-11-a@4 Acquired: 6/27/2012 19:49:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29210.**	**15.40**	**.2464**	**351.5**	**1.591**	**10820.**
Stddev	113.	2.32	.6619	.6	.148	47.
%RSD	.3884	15.09	268.6	.1627	9.327	.4297
#1	29090.	16.00	.9196	351.2	1.444	10870.
#2	29210.	17.37	.2230	352.1	1.741	10780.
#3	29310.	12.84	-.4035	351.1	1.589	10830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.219**	**29.72**	**87.11**	**188.4**	**73500.**	**3906.**
Stddev	.051	.30	.31	3.6	74.	56.
%RSD	.7015	.9997	.3544	1.901	.1001	1.441
#1	7.171	29.40	87.26	192.4	73570.	3877.
#2	7.214	29.99	87.32	187.7	73520.	3970.
#3	7.272	29.78	86.76	185.3	73420.	3869.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11840.**	**1706.**	**318.9**	**73.47**	**3138.**	**20.23**
Stddev	13.	2.	15.4	.77	6.	2.03
%RSD	.1137	.0960	4.844	1.043	.1870	10.01
#1	11850.	1708.	334.3	73.53	3132.	20.15
#2	11850.	1707.	303.4	74.21	3144.	22.29
#3	11830.	1705.	319.0	72.68	3137.	18.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-11-a@4 Acquired: 6/27/2012 19:49:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.499**	**-1.453**	**97.68**	**2130.**	**47.00**	**3.083**
Stddev	1.387	2.580	.67	2.	.77	.293
%RSD	92.53	177.5	.6864	.1116	1.639	9.499
#1	-2.670	1.145	97.85	2131.	47.89	2.844
#2	-1.858	-4.014	98.24	2131.	46.61	3.410
#3	.0325	-1.491	96.93	2127.	46.50	2.996
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**32.21**	**75.14**	**1024.**	**1053.**
Stddev	.23	.43	2.	7.
%RSD	.7229	.5752	.2025	.6802
#1	32.48	74.98	1023.	1045.
#2	32.07	74.82	1023.	1059.
#3	32.08	75.63	1027.	1056.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2336.2**	**26468.**	**3372.8**
Stddev	1.7	121.	12.0
%RSD	.07327	.45881	.35597
#1	2338.1	26328.	3374.2
#2	2335.5	26530.	3384.1
#3	2334.9	26546.	3360.2

Sample Name: 460-41694-a-12-a@4 Acquired: 6/27/2012 19:53:11 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44320.**	**15.22**	**-.4570**	**238.5**	**2.438**	**1759.**
Stddev	229.	2.81	.5602	.8	.134	11.
%RSD	.5168	18.45	122.6	.3296	5.484	.6143
#1	44200.	14.26	-.0609	237.8	2.585	1771.
#2	44160.	13.01	-.2124	239.4	2.323	1749.
#3	44580.	18.38	-1.098	238.4	2.406	1757.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.957**	**22.99**	**58.11**	**59.61**	**56080.**	**1766.**
Stddev	.142	.45	1.08	.56	94.	15.
%RSD	2.867	1.970	1.858	.9432	.1685	.8350
#1	4.956	23.41	58.62	59.83	56170.	1750.
#2	4.816	23.03	58.84	60.03	56070.	1767.
#3	5.100	22.51	56.87	58.97	55980.	1780.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7579.**	**1445.**	**121.4**	**46.60**	**814.3**	**13.98**
Stddev	17.	1.	11.4	.37	3.0	.95
%RSD	.2210	.0924	9.385	.7942	.3626	6.813
#1	7586.	1446.	130.7	46.68	810.9	14.61
#2	7592.	1444.	124.8	46.19	815.7	12.89
#3	7560.	1444.	108.7	46.91	816.3	14.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-12-a@4 Acquired: 6/27/2012 19:53:11 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7052**	**-1.269**	**78.72**	**934.8**	**11.30**	**.8005**
Stddev	1.853	.283	.78	2.5	.96	.2036
%RSD	262.7	22.29	.9871	.2679	8.457	25.44
#1	.4026	-1.424	78.96	932.9	10.29	.6639
#2	2.691	-1.442	79.34	937.6	12.18	.7030
#3	-.9777	-.9429	77.85	933.8	11.44	1.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.352**	**24.49**	**413.8**	**955.3**
Stddev	.623	.23	3.3	26.7
%RSD	9.813	.9452	.7991	2.792
#1	6.073	24.57	411.3	947.5
#2	5.917	24.23	412.6	985.0
#3	7.066	24.67	417.5	933.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2347.4**	**26457.**	**3353.3**
Stddev	6.4	91.	26.9
%RSD	.27451	.34313	.80190
#1	2353.3	26366.	3356.1
#2	2348.4	26547.	3378.7
#3	2340.5	26459.	3325.1

Sample Name: 460-41694-a-13-a@4 Acquired: 6/27/2012 19:56:47 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**43230.**	**20.34**	**-.9027**	**192.4**	**2.088**	**1764.**
Stddev	85.	.35	.4622	.6	.087	22.
%RSD	.1965	1.738	51.20	.3244	4.189	1.261
#1	43320.	19.97	-.9014	192.2	2.037	1740.
#2	43150.	20.38	-1.366	193.1	2.189	1783.
#3	43210.	20.68	-.4412	191.9	2.038	1769.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.608**	**30.23**	**84.36**	**108.2**	**81290.**	**3787.**
Stddev	.124	.12	.61	.5	208.	21.
%RSD	7.718	.3878	.7278	.4645	.2552	.5633
#1	1.698	30.37	84.78	107.6	81200.	3783.
#2	1.466	30.14	84.64	108.2	81530.	3768.
#3	1.659	30.19	83.65	108.6	81140.	3810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12620.**	**1163.**	**172.2**	**65.67**	**1307.**	**14.21**
Stddev	26.	2.	21.5	.31	5.	1.38
%RSD	.2093	.2092	12.50	.4748	.3925	9.714
#1	12610.	1161.	154.7	65.43	1311.	15.66
#2	12660.	1166.	196.2	65.56	1309.	12.91
#3	12610.	1162.	165.7	66.02	1301.	14.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41694-a-13-a@4 Acquired: 6/27/2012 19:56:47 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1728**	**-1.110**	**122.9**	**464.6**	**19.62**	**1.726**
Stddev	1.116	1.413	1.2	1.4	.80	.224
%RSD	645.6	127.3	1.015	.3115	4.076	12.98
#1	.4862	-2.727	123.9	463.5	20.54	1.961
#2	-1.066	-.1116	123.3	466.2	19.09	1.701
#3	1.098	-.4924	121.5	464.0	19.23	1.516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10.63**	**28.83**	**717.3**	**1128.**
Stddev	.39	.20	3.4	21.
%RSD	3.662	.6768	.4688	1.875
#1	11.07	28.70	716.3	1138.
#2	10.47	29.06	714.6	1143.
#3	10.34	28.75	721.1	1104.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2335.7**	**26438.**	**3349.9**
Stddev	6.3	50.	19.6
%RSD	.26987	.18795	.58613
#1	2333.3	26461.	3328.0
#2	2330.9	26381.	3355.7
#3	2342.8	26472.	3365.9

Sample Name: 460-41711-a-1-a@4 Acquired: 6/27/2012 20:00:22 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54330.**	**15.59**	**-1.235**	**338.9**	**2.805**	**5779.**
Stddev	151.	1.92	.316	.9	.237	16.
%RSD	.2788	12.35	25.59	.2676	8.451	.2804
#1	54340.	13.84	-1.231	338.5	3.047	5797.
#2	54470.	17.65	-.9215	339.9	2.573	5770.
#3	54170.	15.26	-1.554	338.2	2.793	5769.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7792**	**43.93**	**86.84**	**113.0**	**102400.**	**4740.**
Stddev	.0770	.32	.30	1.3	152.	25.
%RSD	9.888	.7253	.3481	1.157	.1480	.5201
#1	.7125	43.57	86.72	111.5	102300.	4768.
#2	.8635	44.02	87.18	114.0	102500.	4724.
#3	.7614	44.19	86.61	113.4	102300.	4727.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19420.**	**2030.**	**426.0**	**84.98**	**72.30**	**1.362**
Stddev	67.	4.	6.1	.39	.69	3.608
%RSD	.3433	.1983	1.423	.4553	.9560	264.8
#1	19340.	2027.	419.2	84.92	73.06	5.517
#2	19460.	2034.	430.9	84.63	71.70	-.9727
#3	19450.	2027.	427.9	85.40	72.16	-.4581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41711-a-1-a@4 Acquired: 6/27/2012 20:00:22 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.370**	**.3458**	**104.4**	**346.0**	**26.73**	**1.566**
Stddev	1.662	1.961	.7	.8	.45	.106
%RSD	121.3	567.2	.6289	.2318	1.701	6.749
#1	3.288	.8176	103.7	345.9	27.13	1.577
#2	.3650	-1.808	104.6	346.9	26.24	1.666
#3	.4561	2.028	105.0	345.3	26.83	1.455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.378**	**70.60**	**1000.**	**809.7**
Stddev	.127	.30	7.	12.1
%RSD	2.908	.4227	.7087	1.491
#1	4.492	70.65	1002.	800.9
#2	4.240	70.86	1006.	804.8
#3	4.400	70.27	992.3	823.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2363.4**	**26592.**	**3402.7**
Stddev	1.2	87.	20.8
%RSD	.05237	.32715	.61190
#1	2364.2	26550.	3382.4
#2	2362.0	26534.	3401.7
#3	2364.1	26692.	3424.0

Sample Name: 460-41711-a-3-a@4 Acquired: 6/27/2012 20:03:57 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44970.**	**16.04**	**-.4694**	**305.8**	**2.391**	**4605.**
Stddev	199.	.34	.5171	.5	.077	32.
%RSD	.4428	2.130	110.2	.1535	3.235	.7003
#1	44790.	15.83	-.9969	306.3	2.302	4570.
#2	45190.	16.43	.0366	305.4	2.445	4613.
#3	44940.	15.85	-.4478	305.6	2.425	4633.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4901**	**28.61**	**62.45**	**103.9**	**78700.**	**3448.**
Stddev	.1464	.46	.43	4.3	50.	26.
%RSD	29.88	1.623	.6864	4.122	.0637	.7508
#1	.6532	28.08	62.94	103.6	78640.	3431.
#2	.4474	28.92	62.18	99.87	78710.	3478.
#3	.3698	28.84	62.22	108.4	78740.	3435.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12420.**	**2092.**	**262.4**	**59.74**	**62.28**	**.4025**
Stddev	12.	.	8.0	.29	.24	1.589
%RSD	.0964	.0237	3.065	.4875	.3830	394.9
#1	12410.	2092.	262.4	59.42	62.53	-.3254
#2	12430.	2092.	254.4	59.81	62.26	-.6926
#3	12400.	2093.	270.5	59.99	62.05	2.225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41711-a-3-a@4 Acquired: 6/27/2012 20:03:57 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8397**	**-3.185**	**91.30**	**191.9**	**15.90**	**1.353**
Stddev	.9137	2.276	.83	.4	.72	.205
%RSD	108.8	71.45	.9099	.2260	4.542	15.19
#1	-1.894	-3.856	91.87	192.4	15.29	1.386
#2	-.2888	-5.049	90.35	191.5	15.71	1.133
#3	-.3359	-.6490	91.67	191.8	16.69	1.540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.850**	**44.25**	**821.1**	**796.3**
Stddev	.368	.08	3.5	20.7
%RSD	12.92	.1852	.4251	2.605
#1	2.884	44.31	820.5	807.0
#2	2.466	44.16	824.8	772.4
#3	3.200	44.29	817.9	809.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2372.4**	**26724.**	**3416.8**
Stddev	4.4	45.	13.4
%RSD	.18557	.16985	.39259
#1	2368.6	26684.	3424.7
#2	2377.2	26714.	3401.3
#3	2371.2	26773.	3424.4

Sample Name: 460-41711-a-5-a@4 Acquired: 6/27/2012 20:07:32 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47580.**	**14.78**	**-.8625**	**332.5**	**2.513**	**6031.**
Stddev	148.	.41	.5827	1.6	.107	45.
%RSD	.3114	2.752	67.56	.4793	4.274	.7511
#1	47500.	14.78	-.4290	330.7	2.572	6059.
#2	47750.	15.18	-.6336	333.5	2.577	6055.
#3	47480.	14.37	-1.525	333.4	2.389	5979.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4577**	**38.77**	**75.63**	**115.8**	**95840.**	**4955.**
Stddev	.1059	.48	.40	1.0	231.	81.
%RSD	23.13	1.230	.5273	.8541	.2405	1.635
#1	.5768	38.36	75.22	116.6	95600.	5044.
#2	.3743	38.66	75.67	114.7	95880.	4885.
#3	.4220	39.29	76.01	116.0	96050.	4936.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20380.**	**2111.**	**1303.**	**90.48**	**54.43**	**2.236**
Stddev	102.	2.	9.	.22	.79	1.969
%RSD	.4980	.1088	.6617	.2459	1.448	88.04
#1	20300.	2111.	1310.	90.74	53.80	4.351
#2	20340.	2113.	1306.	90.40	55.31	.4569
#3	20490.	2108.	1294.	90.32	54.17	1.901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41711-a-5-a@4 Acquired: 6/27/2012 20:07:32 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.417**	**-.3331**	**93.41**	**219.9**	**23.48**	**1.282**
Stddev	3.144	1.189	.12	.9	.60	.149
%RSD	130.1	356.8	.1328	.3928	2.570	11.60
#1	-1.072	.1988	93.27	218.9	22.81	1.411
#2	-.1692	-1.695	93.51	220.4	23.63	1.120
#3	-6.010	.4966	93.45	220.4	23.98	1.316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.018**	**56.26**	**1033.**	**715.2**
Stddev	1.988	.06	4.	26.9
%RSD	65.86	.0990	.3879	3.767
#1	1.730	56.29	1034.	686.4
#2	5.307	56.29	1037.	719.3
#3	2.017	56.20	1029.	739.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2337.4**	**26394.**	**3383.2**
Stddev	4.5	151.	24.9
%RSD	.19209	.57082	.73670
#1	2342.5	26404.	3365.4
#2	2335.7	26539.	3372.5
#3	2334.0	26238.	3411.7

Sample Name: 460-41725-c-1-a@4 Acquired: 6/27/2012 20:11:08 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18330.**	**8.622**	**-1.139**	**45.04**	**1.180**	**3801.**
Stddev	158.	.857	.618	.16	.126	38.
%RSD	.8597	9.944	54.24	.3537	10.67	1.003
#1	18170.	7.790	-.4468	44.87	1.318	3762.
#2	18340.	8.573	-1.337	45.19	1.071	3804.
#3	18490.	9.502	-1.635	45.06	1.152	3838.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3240**	**19.26**	**81.73**	**28.86**	**98250.**	**4119.**
Stddev	.0976	.13	.82	1.88	485.	50.
%RSD	30.11	.6704	1.006	6.524	.4936	1.213
#1	.2260	19.11	81.16	30.57	97780.	4061.
#2	.4211	19.36	81.37	29.16	98240.	4152.
#3	.3250	19.30	82.68	26.84	98750.	4142.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8327.**	**484.2**	**963.3**	**67.18**	**35.65**	**-.9592**
Stddev	45.	2.6	18.2	.46	1.87	1.945
%RSD	.5440	.5345	1.892	.6848	5.233	202.8
#1	8291.	481.6	951.0	67.10	35.09	-3.190
#2	8311.	484.3	984.2	66.77	34.12	-.0724
#3	8378.	486.8	954.7	67.68	37.73	.3848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41725-c-1-a@4 Acquired: 6/27/2012 20:11:08 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2479**	**-.9822**	**56.47**	**109.7**	**21.23**	**2.823**
Stddev	1.932	2.371	.23	.5	.82	.132
%RSD	779.3	241.4	.4160	.4504	3.875	4.666
#1	.5096	.2009	56.38	109.2	20.28	2.959
#2	-2.444	.5644	56.74	110.2	21.78	2.813
#3	1.190	-3.712	56.30	109.6	21.62	2.696
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.466**	**31.89**	**567.3**	**585.0**
Stddev	1.013	.18	4.4	16.0
%RSD	29.24	.5611	.7760	2.727
#1	2.296	31.68	562.5	602.8
#2	4.081	32.02	571.1	580.1
#3	4.020	31.95	568.3	572.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2293.5**	**25983.**	**3302.6**
Stddev	1.9	52.	14.9
%RSD	.08457	.19983	.44976
#1	2292.3	25943.	3312.0
#2	2295.8	25965.	3285.5
#3	2292.5	26042.	3310.3

Sample Name: 460-41730-e-1-a@4 Acquired: 6/27/2012 20:14:44 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48580.**	**11.29**	**.0912**	**729.9**	**.5913**	**9578.**
Stddev	136.	1.87	.1416	2.1	.2384	46.
%RSD	.2805	16.54	155.3	.2870	40.32	.4828
#1	48470.	9.657	.0816	728.2	.4439	9546.
#2	48530.	13.33	-.0454	732.2	.8664	9631.
#3	48730.	10.90	.2373	729.2	.4638	9558.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6575**	**38.93**	**138.4**	**75.20**	**94060.**	**10210.**
Stddev	.0604	.17	.7	2.07	94.	77.
%RSD	9.184	.4434	.4746	2.752	.0995	.7586
#1	.5899	39.10	137.6	77.30	93960.	10140.
#2	.6767	38.75	138.9	73.17	94140.	10190.
#3	.7060	38.94	138.6	75.13	94070.	10290.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23040.**	**1475.**	**395.7**	**85.97**	**62.00**	**-.8777**
Stddev	42.	4.	16.5	.79	1.27	1.433
%RSD	.1841	.2501	4.167	.9220	2.049	163.3
#1	23000.	1472.	379.9	85.91	61.61	-.1490
#2	23030.	1479.	412.8	86.79	63.42	.0448
#3	23080.	1474.	394.4	85.20	60.97	-2.529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-1-a@4 Acquired: 6/27/2012 20:14:44 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5621	-.4152	152.8	263.9	5.163	1.266
Stddev	1.973	1.063	.9	.7	.730	.136
%RSD	351.1	256.0	.6129	.2696	14.14	10.73
#1	1.604	.5043	151.8	263.6	5.745	1.317
#2	1.796	-.1711	153.6	264.7	5.399	1.112
#3	-1.714	-1.579	152.9	263.4	4.344	1.370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.980	51.50	4060.	582.1
Stddev	.805	.26	2.	44.1
%RSD	16.17	.5041	.0567	7.576
#1	5.909	51.29	4062.	601.4
#2	4.540	51.43	4060.	531.6
#3	4.490	51.79	4057.	613.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2333.4	26296.	3395.4
Stddev	4.6	96.	7.0
%RSD	.19602	.36489	.20589
#1	2328.6	26187.	3391.3
#2	2333.9	26369.	3391.3
#3	2337.7	26331.	3403.4

Sample Name: 460-41730-e-2-a@4 Acquired: 6/27/2012 20:18:19 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50980.**	**10.76**	**4.762**	**443.4**	**.8761**	**8205.**
Stddev	89.	.54	.426	3.3	.1463	34.
%RSD	.1749	5.046	8.948	.7332	16.70	.4087
#1	51080.	11.09	4.742	444.8	.7329	8231.
#2	50910.	10.14	5.198	445.8	1.025	8167.
#3	50940.	11.06	4.347	439.7	.8703	8217.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.179**	**36.02**	**109.9**	**129.8**	**87520.**	**9091.**
Stddev	.086	.16	.5	4.2	215.	40.
%RSD	7.256	.4337	.4750	3.233	.2453	.4453
#1	1.117	35.93	109.9	134.0	87760.	9068.
#2	1.144	35.92	110.4	129.8	87460.	9068.
#3	1.277	36.20	109.3	125.6	87340.	9138.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19970.**	**1028.**	**202.1**	**80.57**	**143.8**	**.4880**
Stddev	17.	2.	12.8	.52	.8	.9539
%RSD	.0837	.1811	6.352	.6422	.5334	195.5
#1	19990.	1030.	188.8	80.44	143.2	-.5436
#2	19960.	1027.	214.5	81.13	143.6	1.338
#3	19950.	1028.	203.1	80.12	144.7	.6692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-2-a@4 Acquired: 6/27/2012 20:18:19 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7203**	**-.5437**	**139.9**	**369.6**	**5.217**	**.3081**
Stddev	.4983	1.210	1.4	1.8	.671	.4782
%RSD	69.18	222.6	1.024	.4972	12.87	155.2
#1	-.1655	.1831	141.3	370.4	4.464	.3426
#2	-.8655	-1.941	138.4	371.0	5.752	.7681
#3	-1.130	.1265	140.0	367.6	5.436	-.1865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**16.28**	**48.15**	**3512.**	**744.7**
Stddev	1.02	.20	10.	14.7
%RSD	6.288	.4246	.2975	1.978
#1	16.56	47.98	3522.	758.5
#2	15.15	48.38	3512.	729.2
#3	17.14	48.09	3501.	746.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2360.0**	**26328.**	**3421.0**
Stddev	1.9	119.	8.5
%RSD	.08253	.45117	.24894
#1	2361.1	26253.	3413.0
#2	2357.8	26465.	3429.9
#3	2361.2	26267.	3420.0

Sample Name: lcssrm 460-117600/2- Acquired: 6/27/2012 20:21:53 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32420.**	**1178.**	**234.6**	**1299.**	**470.2**	**34530.**
Stddev	44.	7.	.7	4.	.9	105.
%RSD	.1349	.5818	.2843	.2831	.1970	.3044
#1	32460.	1185.	233.9	1301.	471.1	34650.
#2	32430.	1178.	235.2	1301.	469.2	34460.
#3	32370.	1171.	234.7	1295.	470.1	34470.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1016.**	**978.2**	**675.3**	**616.3**	**60870.**	**11320.**
Stddev	3.	3.4	3.3	1.1	187.	61.
%RSD	.2554	.3430	.4910	.1749	.3078	.5409
#1	1018.	980.7	674.3	615.4	60860.	11380.
#2	1017.	979.6	679.0	617.5	61070.	11260.
#3	1013.	974.4	672.6	616.2	60690.	11310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13160.**	**1833.**	**2580.**	**653.8**	**556.1**	**931.9**
Stddev	46.	5.	7.	2.9	2.3	5.6
%RSD	.3498	.2498	.2619	.4380	.4106	.6021
#1	13160.	1830.	2587.	655.4	557.3	936.5
#2	13200.	1839.	2575.	655.4	557.5	933.5
#3	13110.	1831.	2577.	650.5	553.5	925.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117600/2- Acquired: 6/27/2012 20:21:53 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**541.3**	**887.0**	**618.1**	**924.3**	**604.1**	**525.9**
Stddev	2.5	4.2	2.5	3.7	1.7	1.8
%RSD	.4527	.4739	.4115	.4002	.2854	.3350
#1	541.5	891.7	616.6	925.4	604.4	526.8
#2	538.7	883.7	621.0	927.3	605.6	527.1
#3	543.6	885.5	616.6	920.2	602.2	523.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**566.9**	**657.1**	**1012.**	**2498.**
Stddev	3.3	1.7	3.	22.
%RSD	.5804	.2623	.3404	.8860
#1	570.0	658.9	1016.	2497.
#2	567.3	655.5	1012.	2520.
#3	563.5	656.8	1009.	2476.
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2358.5**	**26460.**	**3422.6**
Stddev	3.2	57.	9.3
%RSD	.13545	.21684	.27261
#1	2360.2	26423.	3415.6
#2	2354.8	26430.	3433.2
#3	2360.6	26526.	3419.0

Sample Name: CCV Acquired: 6/27/2012 20:25:21 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122400.**	**2467.**	**1238.**	**10010.**	**959.4**	**121800.**
Stddev	479.	3.	2.	5.	5.5	729.
%RSD	.3916	.1309	.1524	.0500	.5738	.5985
#1	121800.	2468.	1239.	10020.	953.1	121000.
#2	122500.	2469.	1237.	10010.	963.1	122100.
#3	122700.	2463.	1236.	10010.	962.1	122400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1256.**	**2482.**	**5058.**	**11930.**	**99840.**	**47590.**
Stddev	1.	1.	6.	92.	175.	334.
%RSD	.0632	.0599	.1284	.7719	.1748	.7028
#1	1257.	2482.	5065.	11830.	100000.	47220.
#2	1256.	2484.	5057.	11980.	99790.	47680.
#3	1255.	2481.	5053.	11990.	99690.	47870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123800.**	**5049.**	**120200.**	**2527.**	**7543.**	**1001.**
Stddev	244.	5.	370.	3.	5.	1.
%RSD	.1969	.0914	.3076	.1231	.0624	.1229
#1	124100.	5051.	119800.	2525.	7540.	1002.
#2	123700.	5044.	120400.	2530.	7539.	1000.
#3	123600.	5052.	120500.	2525.	7548.	1000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 20:25:21 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2419.**	**2563.**	**2485.**	**2463.**	**1007.**	**2497.**
Stddev	3.	4.	2.	2.	2.	3.
%RSD	.1397	.1608	.0786	.0855	.1787	.1018
#1	2422.	2563.	2487.	2462.	1005.	2500.
#2	2419.	2567.	2484.	2465.	1008.	2496.
#3	2415.	2558.	2484.	2461.	1008.	2495.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**990.9**	**4928.**	**9716.**	**9832.**
Stddev	1.8	25.	29.	44.
%RSD	.1817	.5072	.2934	.4480
#1	992.6	4899.	9684.	9800.
#2	989.0	4938.	9739.	9814.
#3	991.1	4946.	9726.	9882.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2122.1**	**23598.**	**3201.1**
Stddev	2.9	35.	11.5
%RSD	.13723	.14877	.35893
#1	2118.7	23559.	3213.5
#2	2123.9	23625.	3190.8
#3	2123.6	23611.	3199.0

Sample Name: CCB Acquired: 6/27/2012 20:28:41 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.63**	**1.198**	**-.3776**	**.4109**	**.0229**	**38.54**
Stddev	25.74	2.352	.6563	.3841	.0635	8.79
%RSD	242.1	196.3	173.8	93.48	277.5	22.81
#1	38.84	.4266	.0005	.8276	.0783	48.68
#2	-11.60	-.6717	.0023	.3344	-.0464	33.05
#3	4.663	3.839	-1.135	.0708	.0367	33.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1597**	**.0012**	**.1313**	**-5.126**	**10.19**	**59.82**
Stddev	.0356	.2645	.2250	3.870	11.86	31.20
%RSD	22.31	22970.	171.4	75.51	116.4	52.16
#1	.1767	-.2402	.1291	-8.459	22.05	89.35
#2	.1837	-.0402	.3573	-.8809	10.20	27.18
#3	.1188	.2839	-.0926	-6.037	-1.677	62.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.14**	**.3762**	**45.56**	**-.3382**	**.2088**	**-.4628**
Stddev	8.87	.4086	39.30	.4342	.9401	1.224
%RSD	87.51	108.6	86.27	128.4	450.3	264.5
#1	20.38	.8468	90.87	.0023	.1665	.2448
#2	5.210	.1696	20.72	-.1897	-.7095	.2429
#3	4.823	.1121	25.08	-.8272	1.169	-1.876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 20:28:41 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.000**	**-.2329**	**.3228**	**.2079**	**.2321**	**3.215**
Stddev	1.463	1.375	.7513	.1630	.6668	.087
%RSD	73.15	590.4	232.8	78.41	287.3	2.696
#1	2.924	-.5520	1.108	.2662	.7396	3.294
#2	.3133	-1.420	-.3892	.3337	.4797	3.123
#3	2.764	1.274	.2496	.0237	-.5231	3.229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.6505**	**.5119**	**.2741**	**5.879**
Stddev	.3881	.5142	.1389	7.303
%RSD	59.66	100.4	50.67	124.2
#1	.7292	1.018	.1281	.6835
#2	.2291	.5273	.2896	2.725
#3	.9931	-.0099	.4045	14.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2296.4**	**26017.**	**3267.4**
Stddev	5.8	43.	12.1
%RSD	.25205	.16636	.37155
#1	2295.2	26066.	3253.4
#2	2291.4	25982.	3274.9
#3	2302.8	26003.	3274.0

Sample Name: mb 460-117600/1-a@2 Acquired: 6/27/2012 20:32:27 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.52**	**-1.519**	**-.1181**	**-.0367**	**.1021**	**67.76**
Stddev	14.05	.393	.1465	.0858	.1265	11.89
%RSD	62.41	25.86	124.1	234.0	123.8	17.55
#1	24.85	-1.438	.0269	-.1153	.0208	76.87
#2	7.445	-1.946	-.2660	-.0496	.2478	72.10
#3	35.26	-1.173	-.1151	.0549	.0377	54.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0345**	**-.2231**	**.3095**	**-2.698**	**19.33**	**14.71**
Stddev	.0438	.2068	.2451	1.195	19.04	41.57
%RSD	127.1	92.67	79.20	44.32	98.47	282.6
#1	.0016	-.0982	.2576	-1.322	14.40	-25.67
#2	.0842	-.4618	.0944	-3.481	3.251	57.38
#3	.0176	-.1094	.5764	-3.290	40.35	12.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8527**	**.0730**	**25.05**	**-.1665**	**-.8212**	**1.354**
Stddev	1.743	.0950	14.70	.2913	1.057	1.560
%RSD	204.4	130.1	58.70	174.9	128.7	115.2
#1	2.796	-.0366	18.29	-.0089	-1.047	3.049
#2	-.5722	.1309	41.91	.0120	-1.747	-.0230
#3	.3340	.1247	14.93	-.5027	.3304	1.037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117600/1-a@2 Acquired: 6/27/2012 20:32:27 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.117**	**-2.142**	**.1870**	**.5983**	**3.612**	**1.085**
Stddev	1.443	.468	.5241	.1906	.237	.384
%RSD	129.1	21.84	280.2	31.87	6.550	35.35
#1	1.691	-2.454	.7633	.3982	3.786	1.438
#2	2.186	-2.367	.0588	.6187	3.707	1.141
#3	-.5240	-1.604	-.2611	.7779	3.343	.6770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.006**	**.4740**	**-1.149**	**10.46**
Stddev	.693	.0719	2.232	21.64
%RSD	68.93	15.17	194.2	207.0
#1	1.644	.5198	-3.722	-10.84
#2	1.105	.5111	.0060	32.43
#3	.2681	.3911	.2681	9.780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2227.8**	**25608.**	**3236.2**
Stddev	39.6	22.	21.2
%RSD	1.7791	.08783	.65391
#1	2182.1	25602.	3228.7
#2	2248.8	25632.	3219.8
#3	2252.5	25588.	3260.1

Sample Name: 460-41730-a-5-d du@4 Acquired: 6/27/2012 20:36:11 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44960.**	**8.442**	**5.516**	**512.8**	**.5379**	**7570.**
Stddev	100.	1.518	.638	3.1	.1659	17.
%RSD	.2225	17.98	11.56	.5987	30.85	.2247
#1	44990.	9.250	6.204	514.7	.6982	7584.
#2	44850.	9.385	4.944	514.5	.5485	7575.
#3	45040.	6.691	5.400	509.2	.3669	7551.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.152**	**33.75**	**109.1**	**136.9**	**82220.**	**11200.**
Stddev	.156	.47	.4	2.1	131.	20.
%RSD	13.53	1.404	.3490	1.544	.1589	.1783
#1	.9870	33.88	109.1	134.5	82340.	11200.
#2	1.297	34.15	109.5	137.7	82240.	11180.
#3	1.171	33.23	108.8	138.5	82080.	11220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22090.**	**1067.**	**203.7**	**79.32**	**145.2**	**.7573**
Stddev	22.	1.	20.6	.35	.3	.9336
%RSD	.1017	.0525	10.12	.4415	.2304	123.3
#1	22120.	1067.	220.3	79.52	145.0	1.370
#2	22080.	1067.	180.6	79.51	145.1	1.219
#3	22080.	1066.	210.2	78.91	145.6	-.3172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-5-d du@4 Acquired: 6/27/2012 20:36:11 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3761**	**-.8973**	**128.5**	**387.0**	**4.416**	**.3833**
Stddev	1.044	1.456	.5	1.7	.201	.1831
%RSD	277.5	162.3	.3628	.4297	4.546	47.76
#1	-.8211	-1.563	128.9	387.5	4.278	.4775
#2	-1.124	-1.902	128.7	388.3	4.647	.5001
#3	.8165	.7730	128.0	385.1	4.324	.1723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**19.54**	**43.36**	**3731.**	**1372.**
Stddev	.93	.38	13.	19.
%RSD	4.772	.8821	.3417	1.367
#1	19.57	43.13	3734.	1355.
#2	20.46	43.80	3717.	1369.
#3	18.59	43.15	3742.	1392.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2349.4**	**26375.**	**3412.8**
Stddev	.5	92.	10.6
%RSD	.02206	.35034	.30943
#1	2349.8	26478.	3419.5
#2	2349.7	26346.	3418.2
#3	2348.9	26299.	3400.6

Sample Name: 460-41730-e-5-a@4 Acquired: 6/27/2012 20:39:46 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46380.**	**10.54**	**3.042**	**445.4**	**.6098**	**8695.**
Stddev	93.	.17	.441	1.7	.1082	30.
%RSD	.1996	1.651	14.50	.3756	17.75	.3462
#1	46270.	10.70	3.060	447.3	.4930	8670.
#2	46420.	10.58	3.474	444.8	.6295	8687.
#3	46450.	10.36	2.592	444.2	.7068	8728.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.014**	**34.36**	**111.1**	**131.2**	**81990.**	**10200.**
Stddev	.076	.36	.8	1.8	169.	75.
%RSD	7.501	1.046	.7523	1.375	.2061	.7354
#1	1.099	33.95	111.9	129.5	82190.	10110.
#2	.9881	34.58	110.2	130.9	81890.	10230.
#3	.9538	34.57	111.1	133.1	81900.	10250.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20140.**	**1523.**	**208.6**	**78.48**	**89.41**	**1.349**
Stddev	39.	2.	6.4	.70	1.23	.406
%RSD	.1940	.1538	3.086	.8915	1.381	30.08
#1	20180.	1524.	209.1	78.66	89.33	.9523
#2	20110.	1520.	214.7	79.08	90.68	1.332
#3	20110.	1525.	201.9	77.71	88.22	1.763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-5-a@4 Acquired: 6/27/2012 20:39:46 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.717**	**-2.855**	**131.6**	**308.5**	**5.712**	**.5181**
Stddev	3.952	1.694	.4	1.1	.751	.2520
%RSD	145.5	59.31	.2825	.3573	13.15	48.63
#1	-1.785	-4.628	131.4	308.8	6.493	.4881
#2	.6862	-1.255	131.3	309.5	5.646	.7837
#3	-7.051	-2.682	132.0	307.3	4.996	.2825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**12.62**	**44.33**	**3784.**	**1239.**
Stddev	1.12	.33	15.	15.
%RSD	8.904	.7497	.3980	1.173
#1	12.64	44.19	3772.	1223.
#2	13.74	44.09	3801.	1244.
#3	11.49	44.71	3778.	1251.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2353.0**	**26322.**	**3411.9**
Stddev	1.2	114.	8.6
%RSD	.05099	.43174	.25164
#1	2354.1	26201.	3421.2
#2	2351.7	26427.	3404.3
#3	2353.2	26339.	3410.1

Sample Name: sd 460-41730-e-5-a@2 Acquired: 6/27/2012 20:43:21 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9329.**	**1.903**	**.5974**	**89.56**	**.0350**	**1748.**
Stddev	15.	1.002	.4824	.29	.0373	1.
%RSD	.1636	52.65	80.75	.3191	106.5	.0553
#1	9311.	3.055	.9090	89.76	.0629	1747.
#2	9338.	1.241	.0418	89.68	-.0073	1748.
#3	9338.	1.412	.8413	89.23	.0494	1749.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2240**	**7.357**	**21.91**	**22.06**	**16600.**	**2032.**
Stddev	.0664	.131	.06	3.36	32.	43.
%RSD	29.64	1.776	.2771	15.22	.1943	2.137
#1	.1990	7.374	21.98	23.87	16560.	2002.
#2	.2992	7.478	21.86	24.13	16610.	2013.
#3	.1737	7.218	21.90	18.19	16610.	2082.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4090.**	**307.7**	**31.40**	**15.83**	**18.23**	**.6966**
Stddev	8.	.1	16.52	.22	1.72	1.882
%RSD	.1914	.0329	52.62	1.370	9.417	270.2
#1	4095.	307.8	12.68	15.91	20.04	-.5616
#2	4081.	307.8	43.96	15.59	16.62	-.2090
#3	4094.	307.6	37.57	16.01	18.04	2.861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41730-e-5-a@2 Acquired: 6/27/2012 20:43:21 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6656**	**-1.240**	**26.04**	**62.17**	**.1163**	**.0697**
Stddev	1.658	.874	.27	.14	.3577	.2152
%RSD	249.1	70.43	1.037	.2178	307.5	308.9
#1	-2.230	-.7738	26.34	62.29	-.1951	-.0626
#2	1.072	-2.248	25.96	62.19	.5070	-.0464
#3	-.8391	-.6990	25.82	62.02	.0371	.3180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.979**	**9.111**	**752.3**	**230.4**
Stddev	1.143	.194	3.3	5.6
%RSD	38.38	2.129	.4405	2.434
#1	4.299	9.331	748.8	235.4
#2	2.357	9.038	752.6	224.3
#3	2.282	8.965	755.4	231.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2334.9**	**26312.**	**3325.1**
Stddev	4.3	36.	21.3
%RSD	.18338	.13791	.64146
#1	2330.8	26342.	3343.7
#2	2334.4	26322.	3329.9
#3	2339.3	26272.	3301.8

Sample Name: 460-41730-a-5-e ms@4 Acquired: 6/27/2012 20:47:01 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**45110.**	**900.6**	**27.12**	**1381.**	**23.41**	**17770.**
Stddev	117.	2.1	.39	5.	.04	75.
%RSD	.2602	.2365	1.423	.3506	.1789	.4233
#1	45010.	902.3	27.47	1385.	23.46	17750.
#2	45070.	898.2	27.17	1382.	23.37	17710.
#3	45240.	901.3	26.70	1375.	23.41	17860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.59**	**269.6**	**204.9**	**251.3**	**76740.**	**18660.**
Stddev	.21	.2	.5	2.5	120.	120.
%RSD	.8725	.0577	.2438	1.000	.1563	.6445
#1	24.65	269.7	204.6	248.4	76670.	18640.
#2	24.76	269.6	204.6	253.0	76870.	18550.
#3	24.35	269.4	205.5	252.5	76660.	18790.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27410.**	**1238.**	**9157.**	**313.4**	**344.9**	**174.6**
Stddev	33.	1.	28.	.3	1.2	2.4
%RSD	.1189	.0700	.3112	.0803	.3517	1.367
#1	27380.	1239.	9186.	313.3	345.9	175.2
#2	27440.	1237.	9129.	313.7	343.5	176.7
#3	27400.	1238.	9157.	313.2	345.2	172.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-5-e ms@4 Acquired: 6/27/2012 20:47:01 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**880.1**	**1005.**	**356.4**	**552.5**	**236.3**	**229.8**
Stddev	1.8	7.	.7	1.0	.8	.6
%RSD	.2082	.7366	.1954	.1725	.3296	.2576
#1	881.3	1012.	355.6	553.6	235.9	230.4
#2	881.0	1005.	357.0	551.9	235.8	229.9
#3	877.9	997.0	356.6	552.1	237.2	229.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**246.1**	**269.8**	**3946.**	**1838.**
Stddev	1.2	.7	7.	26.
%RSD	.4749	.2591	.1901	1.421
#1	246.9	269.6	3945.	1810.
#2	246.5	269.2	3954.	1862.
#3	244.7	270.6	3939.	1843.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2345.0**	**26205.**	**3410.7**
Stddev	7.8	150.	13.9
%RSD	.33472	.57208	.40617
#1	2336.8	26086.	3411.0
#2	2346.0	26157.	3424.4
#3	2352.4	26373.	3396.7

Sample Name: pds 460-41730-e-5-a@ Acquired: 6/27/2012 20:50:29 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47090.**	**1834.**	**49.87**	**2359.**	**46.95**	**27400.**
Stddev	256.	4.	.40	3.	.33	196.
%RSD	.5445	.2243	.7928	.1085	.7092	.7144
#1	46950.	1839.	49.94	2358.	46.76	27300.
#2	47390.	1831.	50.22	2362.	47.33	27630.
#3	46940.	1833.	49.44	2357.	46.75	27280.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**49.09**	**518.4**	**305.0**	**360.6**	**81120.**	**27640.**
Stddev	.25	.9	.3	3.5	202.	251.
%RSD	.5129	.1767	.0822	.9708	.2496	.9076
#1	49.11	517.8	304.7	360.4	80980.	27440.
#2	49.34	519.5	305.2	364.2	81350.	27920.
#3	48.84	518.1	305.0	357.3	81020.	27550.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38240.**	**1982.**	**18280.**	**569.6**	**576.4**	**441.3**
Stddev	74.	4.	111.	1.5	.9	4.0
%RSD	.1931	.1875	.6055	.2616	.1582	.9127
#1	38170.	1983.	18240.	569.3	577.5	445.4
#2	38320.	1986.	18410.	571.2	575.9	441.0
#3	38230.	1979.	18210.	568.3	575.9	437.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41730-e-5-a@ Acquired: 6/27/2012 20:50:29 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1801.**	**2024.**	**604.2**	**772.3**	**482.9**	**468.2**
Stddev	1.	1.	.9	1.4	1.1	1.4
%RSD	.0731	.0554	.1539	.1773	.2314	.2991
#1	1801.	2025.	603.6	773.2	481.7	469.0
#2	1802.	2023.	605.3	773.1	483.8	469.1
#3	1800.	2023.	603.7	770.7	483.2	466.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**489.9**	**503.4**	**4158.**	**1296.**
Stddev	1.3	3.8	20.	22.
%RSD	.2600	.7623	.4693	1.701
#1	491.1	502.9	4151.	1280.
#2	490.0	507.4	4180.	1321.
#3	488.6	499.8	4143.	1287.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2339.5**	**25999.**	**3414.0**
Stddev	1.5	47.	16.3
%RSD	.06588	.18135	.47682
#1	2338.6	25977.	3429.4
#2	2338.8	25967.	3396.9
#3	2341.3	26053.	3415.7

Sample Name: 460-41730-e-3-a@4 Acquired: 6/27/2012 20:53:55 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**63870.**	**21.01**	**-.4727**	**457.3**	**1.409**	**7298.**
Stddev	215.	.31	.4164	1.4	.225	33.
%RSD	.3365	1.481	88.08	.3094	15.99	.4576
#1	64110.	21.36	-.1172	457.0	1.612	7316.
#2	63770.	20.79	-.9308	458.8	1.167	7318.
#3	63720.	20.87	-.3701	456.0	1.447	7260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6778**	**37.31**	**146.9**	**86.78**	**121000.**	**7877.**
Stddev	.1816	.14	.3	2.23	65.	57.
%RSD	26.79	.3800	.1807	2.570	.0539	.7268
#1	.8790	37.47	147.1	88.46	121000.	7936.
#2	.6283	37.23	147.0	87.64	121000.	7875.
#3	.5260	37.21	146.6	84.25	121100.	7821.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23660.**	**1429.**	**239.1**	**89.48**	**42.31**	**-.1729**
Stddev	37.	1.	17.6	.25	2.17	2.904
%RSD	.1553	.0480	7.364	.2808	5.129	1680.
#1	23650.	1430.	259.3	89.66	39.81	-3.498
#2	23630.	1429.	231.3	89.19	43.74	1.868
#3	23700.	1430.	226.8	89.58	43.37	1.112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-3-a@4 Acquired: 6/27/2012 20:53:55 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4555**	**-2.270**	**174.0**	**238.5**	**7.776**	**4.617**
Stddev	1.220	1.899	.5	.8	.976	.080
%RSD	267.8	83.64	.2954	.3356	12.55	1.723
#1	-1.815	-2.656	174.3	239.5	6.667	4.709
#2	-.0970	-3.947	174.3	238.1	8.158	4.578
#3	.5450	-.2083	173.4	238.1	8.503	4.565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.640**	**52.14**	**3364.**	**1306.**
Stddev	.860	.11	8.	18.
%RSD	32.57	.2187	.2317	1.351
#1	1.657	52.18	3373.	1290.
#2	3.012	52.01	3361.	1325.
#3	3.251	52.23	3359.	1305.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2416.4**	**27003.**	**3507.5**
Stddev	6.1	84.	17.1
%RSD	.25243	.31116	.48854
#1	2411.0	26948.	3487.8
#2	2423.0	27100.	3516.1
#3	2415.1	26962.	3518.7

Sample Name: 460-41730-e-4-a@4 Acquired: 6/27/2012 20:57:29 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**57340.**	**14.75**	**.6537**	**619.1**	**.5541**	**11210.**
Stddev	298.	2.46	.6217	1.8	.1786	47.
%RSD	.5202	16.72	95.12	.2828	32.22	.4216
#1	57150.	17.52	.9024	620.4	.7603	11160.
#2	57680.	13.92	1.113	619.8	.4533	11260.
#3	57180.	12.80	-.0539	617.1	.4488	11200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8559**	**49.23**	**144.4**	**130.5**	**117300.**	**16470.**
Stddev	.0693	.07	.7	11.5	90.	73.
%RSD	8.092	.1433	.5178	8.781	.0767	.4428
#1	.8847	49.15	144.2	141.9	117200.	16400.
#2	.7769	49.27	143.7	130.6	117400.	16480.
#3	.9061	49.27	145.2	119.0	117300.	16540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29450.**	**1749.**	**252.3**	**108.4**	**37.51**	**1.718**
Stddev	54.	2.	9.4	.6	.52	.590
%RSD	.1821	.1060	3.707	.5187	1.395	34.37
#1	29390.	1746.	261.9	107.8	37.96	1.472
#2	29460.	1750.	243.2	108.9	36.93	2.392
#3	29500.	1750.	251.8	108.5	37.62	1.290
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-4-a@4 Acquired: 6/27/2012 20:57:29 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3087**	**.5672**	**174.6**	**278.8**	**5.027**	**.8840**
Stddev	3.022	3.152	.1	.5	.296	.3977
%RSD	978.9	555.7	.0719	.1941	5.895	44.99
#1	-1.667	2.516	174.5	279.0	5.180	.6279
#2	-2.413	-3.069	174.5	279.1	4.685	.6819
#3	3.154	2.255	174.7	278.2	5.215	1.342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.168**	**55.68**	**5320.**	**645.5**
Stddev	.867	.23	20.	10.7
%RSD	39.96	.4078	.3788	1.660
#1	1.526	55.94	5311.	655.4
#2	3.154	55.53	5344.	634.1
#3	1.825	55.56	5307.	647.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2380.7**	**26514.**	**3473.1**
Stddev	5.6	113.	13.5
%RSD	.23327	.42472	.38962
#1	2375.7	26386.	3467.5
#2	2379.6	26561.	3463.2
#3	2386.7	26596.	3488.5

Sample Name: 460-41730-e-6-a@4 Acquired: 6/27/2012 21:01:04 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44700.**	**9.407**	**.9941**	**466.4**	**.6826**	**15220.**
Stddev	244.	2.609	.4887	2.6	.0724	37.
%RSD	.5450	27.74	49.16	.5658	10.61	.2455
#1	44620.	12.40	1.135	466.1	.7449	15200.
#2	44970.	7.639	.4504	469.1	.6998	15270.
#3	44500.	8.178	1.397	463.9	.6031	15210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.963**	**39.07**	**118.4**	**108.8**	**80900.**	**11230.**
Stddev	.072	.66	1.0	5.7	8.	47.
%RSD	3.690	1.680	.8627	5.229	.0093	.4192
#1	1.991	39.80	117.5	115.4	80890.	11180.
#2	2.017	38.87	118.0	105.4	80910.	11280.
#3	1.881	38.53	119.5	105.7	80910.	11240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24970.**	**1068.**	**310.7**	**87.05**	**55.28**	**.1605**
Stddev	27.	1.	4.1	.33	1.80	1.874
%RSD	.1098	.0976	1.323	.3807	3.262	1167.
#1	24950.	1068.	315.4	86.77	56.92	.7867
#2	24950.	1070.	307.6	87.41	53.35	1.641
#3	25000.	1067.	309.2	86.96	55.57	-1.946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-6-a@4 Acquired: 6/27/2012 21:01:04 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4695**	**-.3154**	**137.9**	**624.8**	**4.744**	**-.0647**
Stddev	1.649	1.482	.5	1.8	.559	.2997
%RSD	351.2	470.0	.3623	.2945	11.79	463.5
#1	.7541	.6804	137.5	625.9	4.098	-.2157
#2	-2.344	.3924	138.4	625.8	5.061	-.2589
#3	.1818	-2.019	137.8	622.7	5.073	.2805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.983**	**46.09**	**3698.**	**583.5**
Stddev	.353	.31	13.	15.5
%RSD	7.089	.6809	.3564	2.664
#1	4.594	45.73	3703.	597.9
#2	5.284	46.31	3708.	585.5
#3	5.071	46.22	3683.	567.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2391.7**	**26670.**	**3483.4**
Stddev	6.5	162.	14.7
%RSD	.26989	.60732	.42164
#1	2384.6	26609.	3476.2
#2	2393.2	26853.	3473.6
#3	2397.3	26547.	3500.3

Sample Name: 460-41730-e-7-a@4 Acquired: 6/27/2012 21:04:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42520.**	**7.896**	**6.150**	**398.2**	**.6045**	**6725.**
Stddev	127.	3.318	.177	1.6	.0705	6.
%RSD	.2977	42.02	2.872	.4100	11.66	.0952
#1	42640.	4.189	6.225	399.9	.5688	6732.
#2	42390.	8.912	6.276	396.6	.5591	6720.
#3	42530.	10.59	5.948	398.2	.6858	6724.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.362**	**27.90**	**113.7**	**203.0**	**73500.**	**6818.**
Stddev	.052	.26	.2	5.9	106.	92.
%RSD	3.814	.9202	.2072	2.924	.1447	1.345
#1	1.306	28.11	113.9	196.7	73630.	6852.
#2	1.372	27.61	113.4	204.0	73440.	6714.
#3	1.409	27.98	113.7	208.5	73440.	6888.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18660.**	**704.1**	**132.3**	**72.35**	**135.6**	**1.873**
Stddev	36.	.9	17.9	.95	.9	2.088
%RSD	.1945	.1257	13.50	1.309	.6320	111.5
#1	18680.	705.1	131.7	73.37	135.4	-.2785
#2	18690.	703.4	114.8	71.50	134.9	2.004
#3	18620.	703.8	150.5	72.18	136.6	3.892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-7-a@4 Acquired: 6/27/2012 21:04:38 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.649**	**-1.466**	**115.5**	**456.1**	**3.965**	**.2000**
Stddev	2.176	1.518	.3	1.6	.499	.2590
%RSD	132.0	103.6	.2316	.3513	12.59	129.5
#1	-3.495	-2.498	115.2	457.5	4.157	-.0814
#2	-2.201	-2.176	115.6	456.5	3.399	.2533
#3	.7504	.2771	115.6	454.4	4.340	.4283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**19.63**	**43.16**	**2856.**	**608.0**
Stddev	.52	.28	12.	2.6
%RSD	2.655	.6529	.4290	.4285
#1	19.03	43.18	2869.	609.0
#2	19.87	42.86	2844.	610.1
#3	19.98	43.42	2854.	605.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2389.4**	**26609.**	**3486.9**
Stddev	.9	72.	10.6
%RSD	.03704	.26983	.30476
#1	2388.6	26665.	3478.4
#2	2389.4	26635.	3498.8
#3	2390.3	26528.	3483.5

Sample Name: CCV Acquired: 6/27/2012 21:08:15 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121500.**	**2474.**	**1240.**	**9986.**	**955.4**	**121200.**
Stddev	103.	7.	2.	30.	3.3	442.
%RSD	.0847	.2933	.1794	.2981	.3463	.3643
#1	121400.	2482.	1238.	10020.	951.9	120700.
#2	121600.	2469.	1243.	9986.	955.9	121300.
#3	121500.	2470.	1240.	9957.	958.5	121500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1258.**	**2495.**	**5106.**	**11770.**	**100200.**	**47160.**
Stddev	4.	7.	4.	21.	103.	236.
%RSD	.3098	.2721	.0714	.1768	.1028	.5004
#1	1262.	2500.	5105.	11750.	100100.	46890.
#2	1258.	2498.	5103.	11800.	100300.	47340.
#3	1254.	2487.	5110.	11770.	100100.	47240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125300.**	**5076.**	**118000.**	**2549.**	**7567.**	**990.1**
Stddev	129.	7.	17.	6.	18.	2.6
%RSD	.1028	.1395	.0145	.2505	.2330	.2632
#1	125400.	5068.	118000.	2556.	7585.	991.9
#2	125200.	5080.	118100.	2547.	7565.	987.2
#3	125100.	5080.	118000.	2544.	7550.	991.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 21:08:15 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2439.**	**2567.**	**2502.**	**2459.**	**1017.**	**2469.**
Stddev	5.	4.	5.	7.	2.	7.
%RSD	.2242	.1602	.1909	.3024	.2185	.2644
#1	2446.	2570.	2497.	2466.	1019.	2476.
#2	2437.	2568.	2502.	2460.	1018.	2469.
#3	2436.	2562.	2506.	2452.	1015.	2463.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**988.6**	**4916.**	**9555.**	**9705.**
Stddev	3.7	17.	20.	20.
%RSD	.3729	.3476	.2132	.2085
#1	991.9	4897.	9563.	9687.
#2	989.3	4920.	9570.	9727.
#3	984.6	4930.	9531.	9701.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2170.8**	**23862.**	**3269.1**
Stddev	3.0	72.	2.7
%RSD	.13748	.30203	.08386
#1	2168.0	23831.	3272.3
#2	2170.4	23945.	3267.4
#3	2173.9	23811.	3267.7

Sample Name: CCB Acquired: 6/27/2012 21:11:34 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.379**	**-.5053**	**.1899**	**.4386**	**.2497**	**42.17**
Stddev	63.11	.6565	.5821	.5347	.2000	31.50
%RSD	2652.	129.9	306.5	121.9	80.11	74.70
#1	68.22	-.2117	-.4272	1.001	.4095	70.81
#2	-3.482	-1.257	.7291	.3781	.3140	8.433
#3	-57.60	-.0469	.2678	-.0633	.0254	47.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1473**	**.2236**	**.3600**	**-1.601**	**8.695**	**56.75**
Stddev	.0646	.3504	.4636	6.309	4.401	60.10
%RSD	43.86	156.7	128.8	394.1	50.62	105.9
#1	.1421	.6238	.8879	3.360	9.959	115.7
#2	.2143	-.0276	.1731	.5384	3.799	58.99
#3	.0854	.0745	.0191	-8.701	12.32	-4.441
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.64**	**.4458**	**41.31**	**-.0136**	**1.095**	**-.6118**
Stddev	9.38	.3792	28.58	.1199	2.169	2.170
%RSD	80.62	85.05	69.18	880.2	198.0	354.8
#1	20.86	.8401	72.22	.0903	-.1665	-1.656
#2	11.94	.4134	35.88	-.1448	3.599	-2.063
#3	2.104	.0839	15.84	.0136	-.1472	1.883
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 21:11:34 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9501**	**.3570**	**.0593**	**.1008**	**.6106**	**3.175**
Stddev	2.461	2.541	.6224	.2858	1.204	.300
%RSD	259.0	711.7	1050.	283.4	197.2	9.456
#1	-.3226	-1.615	.7374	.4259	1.905	3.521
#2	1.136	-.5384	-.0738	-.1108	-.4767	2.986
#3	-3.664	3.224	-.4858	-.0126	.4038	3.017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1298**	**.3699**	**-.2671**	**-4.673**
Stddev	.8222	.5021	1.488	18.85
%RSD	633.5	135.7	557.2	403.3
#1	-.5473	.9481	-.3402	3.789
#2	-.6596	.1172	1.256	-26.27
#3	.8174	.0444	-1.717	8.459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2340.5**	**26284.**	**3293.2**
Stddev	1.7	103.	10.7
%RSD	.07156	.39147	.32631
#1	2339.0	26178.	3299.5
#2	2342.3	26290.	3299.2
#3	2340.3	26384.	3280.8

Sample Name: 460-41730-e-8-a@4 Acquired: 6/27/2012 21:15:20 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38460.**	**14.34**	**.2760**	**361.5**	**.4561**	**12080.**
Stddev	119.	1.46	.5473	.7	.0795	47.
%RSD	.3102	10.19	198.3	.1983	17.43	.3870
#1	38380.	14.08	.9078	361.7	.4892	12030.
#2	38600.	13.03	-.0277	362.1	.3654	12100.
#3	38400.	15.92	-.0522	360.7	.5138	12120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.462**	**20.20**	**96.26**	**67.60**	**52190.**	**5570.**
Stddev	.035	.11	.46	5.51	102.	32.
%RSD	2.425	.5227	.4746	8.153	.1962	.5663
#1	1.479	20.30	96.64	61.43	52130.	5590.
#2	1.421	20.21	96.39	69.34	52310.	5586.
#3	1.485	20.09	95.75	72.03	52130.	5534.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12050.**	**597.9**	**265.1**	**51.55**	**58.74**	**1.947**
Stddev	20.	1.4	20.9	.25	.59	1.118
%RSD	.1621	.2396	7.871	.4909	1.004	57.44
#1	12030.	596.6	278.6	51.69	58.75	2.345
#2	12070.	599.4	241.1	51.26	59.33	.6840
#3	12050.	597.8	275.6	51.70	58.15	2.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-8-a@4 Acquired: 6/27/2012 21:15:20 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.312**	**-.5169**	**104.6**	**184.7**	**12.14**	**3.659**
Stddev	.658	.2382	.3	.7	.89	.266
%RSD	19.88	46.08	.2721	.3685	7.340	7.256
#1	3.883	-.3108	104.8	185.2	12.88	3.381
#2	2.592	-.4624	104.6	184.9	12.38	3.911
#3	3.462	-.7777	104.3	183.9	11.15	3.684
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.740**	**57.63**	**2538.**	**1039.**
Stddev	.807	.21	5.	25.
%RSD	14.07	.3644	.1992	2.364
#1	5.734	57.80	2544.	1011.
#2	6.550	57.69	2536.	1049.
#3	4.935	57.40	2534.	1057.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2422.7**	**26953.**	**3508.7**
Stddev	2.6	108.	15.3
%RSD	.10737	.40178	.43689
#1	2419.8	26850.	3512.4
#2	2423.8	26942.	3491.9
#3	2424.6	27066.	3521.9

Sample Name: 460-41730-e-9-a@4 Acquired: 6/27/2012 21:18:56 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52660.**	**7.937**	**-.1889**	**525.4**	**.6626**	**9746.**
Stddev	19.	1.563	.7545	.9	.0701	18.
%RSD	.0357	19.69	399.5	.1622	10.58	.1878
#1	52670.	8.578	.3592	524.5	.6811	9744.
#2	52640.	9.078	.1236	526.2	.7217	9729.
#3	52670.	6.156	-1.049	525.5	.5852	9766.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9856**	**38.20**	**117.9**	**84.32**	**88070.**	**14490.**
Stddev	.1237	.17	.1	3.47	76.	93.
%RSD	12.55	.4420	.0521	4.111	.0861	.6440
#1	1.067	38.40	117.8	81.95	87990.	14460.
#2	.8433	38.08	117.9	82.71	88140.	14410.
#3	1.047	38.13	117.9	88.30	88100.	14590.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20790.**	**1121.**	**378.0**	**81.49**	**23.47**	**2.329**
Stddev	52.	3.	13.1	.53	.82	.927
%RSD	.2504	.2736	3.453	.6473	3.477	39.78
#1	20780.	1119.	378.6	81.73	23.99	2.417
#2	20840.	1120.	390.7	81.85	23.90	1.362
#3	20740.	1125.	364.6	80.88	22.53	3.209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-9-a@4 Acquired: 6/27/2012 21:18:56 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9899**	**-3.220**	**149.7**	**206.4**	**4.614**	**.0420**
Stddev	3.560	2.078	.8	.8	.550	.0365
%RSD	359.6	64.55	.5303	.3647	11.93	86.93
#1	2.283	-1.299	149.0	206.6	4.385	.0003
#2	-4.781	-2.934	150.6	206.9	5.242	.0682
#3	-.4717	-5.426	149.6	205.5	4.215	.0575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.103**	**51.92**	**4289.**	**590.0**
Stddev	.435	.46	9.	37.4
%RSD	20.68	.8918	.2096	6.344
#1	1.617	52.05	4289.	563.5
#2	2.456	51.40	4298.	573.7
#3	2.237	52.30	4280.	632.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2421.7**	**26936.**	**3500.8**
Stddev	8.8	78.	.7
%RSD	.36402	.28911	.01979
#1	2431.9	27019.	3501.0
#2	2416.7	26923.	3501.3
#3	2416.5	26865.	3500.0

Sample Name: 460-41730-e-10-a@4 Acquired: 6/27/2012 21:22:31 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**59680.**	**16.33**	**-.2468**	**439.8**	**1.570**	**8661.**
Stddev	167.	2.03	.4678	.4	.093	47.
%RSD	.2791	12.45	189.6	.0983	5.944	.5421
#1	59760.	15.67	-.1415	439.3	1.552	8675.
#2	59490.	14.72	.1594	440.0	1.486	8608.
#3	59790.	18.62	-.7583	440.0	1.670	8699.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5554**	**30.30**	**129.1**	**84.67**	**94310.**	**6140.**
Stddev	.0951	.31	.4	4.43	69.	42.
%RSD	17.12	1.013	.2916	5.234	.0731	.6774
#1	.6592	30.63	129.5	89.78	94330.	6175.
#2	.4726	30.02	128.8	81.99	94370.	6153.
#3	.5343	30.27	129.0	82.23	94240.	6094.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18510.**	**1427.**	**223.8**	**78.84**	**38.47**	**-2.824**
Stddev	24.	.	17.6	.46	.66	1.329
%RSD	.1313	.0331	7.879	.5773	1.709	47.06
#1	18510.	1428.	214.7	78.46	37.80	-3.779
#2	18530.	1427.	244.1	79.35	39.11	-1.306
#3	18490.	1427.	212.4	78.71	38.51	-3.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-10-a@4 Acquired: 6/27/2012 21:22:31 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.865**	**-.1255**	**137.0**	**230.4**	**7.990**	**3.607**
Stddev	3.628	2.043	.5	.2	.352	.199
%RSD	194.6	1629.	.3829	.0861	4.408	5.529
#1	-5.907	2.209	137.6	230.6	8.162	3.834
#2	1.109	-.9952	136.7	230.5	8.224	3.458
#3	-.7960	-1.590	136.6	230.2	7.585	3.529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.388**	**48.80**	**2073.**	**731.3**
Stddev	1.048	.22	4.	17.4
%RSD	30.92	.4530	.2048	2.381
#1	4.598	49.05	2073.	713.3
#2	2.788	48.63	2069.	732.6
#3	2.778	48.71	2078.	748.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2450.0**	**27131.**	**3517.8**
Stddev	.3	125.	22.1
%RSD	.01242	.46106	.62905
#1	2450.0	27121.	3495.1
#2	2450.3	27011.	3539.3
#3	2449.7	27261.	3518.9

Sample Name: 460-41730-e-11-a@4 Acquired: 6/27/2012 21:26:06 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35570.**	**6.527**	**-.0919**	**310.8**	**.6543**	**11840.**
Stddev	2.	1.247	.6805	.6	.0385	11.
%RSD	.0054	19.10	740.9	.1785	5.891	.0927
#1	35570.	6.595	.3348	311.3	.6983	11840.
#2	35570.	7.739	.2663	310.8	.6382	11840.
#3	35570.	5.248	-.8767	310.2	.6264	11820.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7882**	**30.82**	**80.16**	**73.16**	**71700.**	**8670.**
Stddev	.0495	.27	.58	2.01	127.	56.
%RSD	6.274	.8717	.7206	2.746	.1777	.6431
#1	.7519	30.99	79.91	71.17	71620.	8734.
#2	.7681	30.51	80.82	73.12	71850.	8631.
#3	.8445	30.95	79.75	75.19	71630.	8646.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19150.**	**1292.**	**197.1**	**71.32**	**37.22**	**-.4275**
Stddev	57.	3.	5.5	.53	1.12	1.507
%RSD	.2996	.2482	2.778	.7452	3.001	352.6
#1	19090.	1293.	201.8	71.94	36.47	-1.252
#2	19210.	1295.	191.1	70.98	38.51	1.312
#3	19160.	1289.	198.5	71.05	36.70	-1.343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-11-a@4 Acquired: 6/27/2012 21:26:06 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.657**	**-3.188**	**97.99**	**181.7**	**2.043**	**.2897**
Stddev	.745	1.667	.24	.5	.612	.1339
%RSD	44.93	52.30	.2400	.2845	29.96	46.23
#1	2.393	-1.265	97.77	182.3	2.693	.3922
#2	1.674	-4.231	98.24	181.6	1.960	.1382
#3	.9044	-4.068	97.98	181.3	1.477	.3387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.174**	**37.05**	**2813.**	**592.2**
Stddev	.331	.17	5.	27.0
%RSD	10.41	.4717	.1809	4.566
#1	3.060	37.13	2817.	623.4
#2	2.916	37.18	2816.	578.4
#3	3.547	36.85	2807.	574.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2394.2**	**26590.**	**3430.4**
Stddev	8.6	98.	13.0
%RSD	.35827	.37043	.37870
#1	2385.3	26563.	3426.6
#2	2395.1	26508.	3419.8
#3	2402.4	26699.	3444.9

Sample Name: 460-41730-e-12-a@4 Acquired: 6/27/2012 21:29:42 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30010.**	**8.592**	**-.8241**	**297.4**	**.5123**	**13630.**
Stddev	38.	.471	.7492	.4	.0720	36.
%RSD	.1276	5.479	90.92	.1402	14.05	.2641
#1	30050.	8.134	-.4015	297.1	.5844	13670.
#2	30000.	9.075	-1.689	297.8	.4405	13630.
#3	29970.	8.566	-.3816	297.2	.5120	13590.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7221**	**30.47**	**75.32**	**68.91**	**58800.**	**8703.**
Stddev	.0486	.19	.56	2.56	150.	61.
%RSD	6.726	.6245	.7435	3.714	.2556	.7002
#1	.6661	30.47	75.73	67.48	58970.	8704.
#2	.7515	30.66	75.55	71.87	58690.	8763.
#3	.7488	30.27	74.68	67.40	58750.	8641.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18180.**	**887.7**	**328.9**	**61.91**	**21.49**	**1.788**
Stddev	38.	1.7	13.2	.31	1.23	2.008
%RSD	.2113	.1919	4.008	.5007	5.729	112.3
#1	18220.	889.2	313.7	62.21	22.91	2.195
#2	18180.	885.8	337.9	61.93	20.70	3.562
#3	18140.	888.0	335.0	61.59	20.85	-.3926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-12-a@4 Acquired: 6/27/2012 21:29:42 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4152**	**-1.355**	**87.05**	**137.5**	**2.776**	**.7476**
Stddev	1.958	1.954	.77	.3	.860	.2132
%RSD	471.7	144.3	.8820	.2394	30.98	28.51
#1	-1.813	-.2217	87.46	137.4	3.482	.9118
#2	1.866	-3.611	87.53	137.8	1.818	.5067
#3	1.192	-.2306	86.17	137.1	3.029	.8244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.2329**	**41.04**	**2641.**	**544.7**
Stddev	.9844	.24	9.	21.2
%RSD	422.6	.5757	.3281	3.899
#1	.7891	41.09	2644.	521.9
#2	-.9036	41.24	2632.	548.5
#3	.8133	40.78	2649.	563.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2379.6**	**26511.**	**3432.6**
Stddev	6.2	72.	6.0
%RSD	.25993	.27137	.17574
#1	2383.2	26504.	3432.9
#2	2383.0	26443.	3426.5
#3	2372.4	26586.	3438.6

Sample Name: 460-41730-e-13-a@4 Acquired: 6/27/2012 21:33:18 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23970.**	**5.483**	**20.16**	**347.4**	**.1921**	**13310.**
Stddev	67.	1.097	.68	1.6	.1591	23.
%RSD	.2784	20.01	3.394	.4630	82.86	.1700
#1	23910.	6.734	20.86	349.1	.0129	13300.
#2	24040.	5.032	19.49	347.1	.3171	13290.
#3	23970.	4.682	20.14	345.9	.2462	13330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.540**	**16.72**	**55.46**	**75.71**	**50010.**	**6195.**
Stddev	.087	.38	.29	.33	85.	76.
%RSD	5.669	2.262	.5221	.4399	.1708	1.234
#1	1.494	16.29	55.79	75.60	50090.	6177.
#2	1.640	16.85	55.34	76.08	50010.	6279.
#3	1.485	17.02	55.26	75.44	49920.	6129.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17730.**	**401.5**	**212.2**	**42.70**	**129.7**	**2.496**
Stddev	14.	.5	11.2	.74	.8	2.149
%RSD	.0764	.1159	5.286	1.728	.5952	86.10
#1	17720.	401.4	223.1	43.24	130.6	2.073
#2	17740.	401.2	200.7	41.86	129.4	4.825
#3	17710.	402.1	212.8	43.01	129.2	.5894
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-13-a@4 Acquired: 6/27/2012 21:33:18 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8295**	**-.6576**	**59.48**	**381.0**	**3.064**	**-.1028**
Stddev	1.379	2.151	.48	1.5	.252	.1331
%RSD	166.2	327.2	.7991	.3890	8.212	129.5
#1	2.313	-1.268	59.98	382.7	2.990	-.1782
#2	.5892	1.733	59.43	380.7	2.858	.0509
#3	-.4132	-2.438	59.03	379.8	3.345	-.1810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**38.23**	**43.02**	**1650.**	**419.1**
Stddev	.91	.28	8.	15.8
%RSD	2.380	.6455	.4886	3.764
#1	38.18	42.77	1658.	415.8
#2	39.16	43.32	1649.	436.2
#3	37.34	42.96	1642.	405.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2357.4**	**26309.**	**3384.3**
Stddev	1.8	57.	8.2
%RSD	.07454	.21593	.24124
#1	2355.5	26350.	3392.0
#2	2357.9	26334.	3385.1
#3	2359.0	26244.	3375.8

Sample Name: 460-41730-e-14-a@4 Acquired: 6/27/2012 21:36:55 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46300.**	**10.19**	**4.586**	**490.2**	**.7190**	**15350.**
Stddev	155.	1.46	.406	.9	.1584	42.
%RSD	.3337	14.30	8.857	.1753	22.03	.2716
#1	46300.	8.774	4.481	489.2	.7445	15340.
#2	46140.	10.12	4.243	490.7	.5494	15310.
#3	46450.	11.69	5.035	490.7	.8630	15400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.466**	**36.89**	**130.3**	**104.1**	**88150.**	**11400.**
Stddev	.076	.49	.2	.7	29.	33.
%RSD	5.171	1.321	.1161	.6998	.0325	.2916
#1	1.385	37.28	130.3	103.9	88140.	11360.
#2	1.535	37.06	130.1	104.9	88140.	11430.
#3	1.479	36.35	130.4	103.5	88190.	11420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21700.**	**1267.**	**252.7**	**86.90**	**103.8**	**-.5034**
Stddev	70.	1.	10.1	.05	.3	2.490
%RSD	.3234	.0634	3.977	.0563	.3120	494.6
#1	21620.	1268.	259.8	86.85	103.7	2.214
#2	21720.	1266.	241.2	86.92	103.5	-2.676
#3	21750.	1267.	257.1	86.94	104.1	-1.048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-14-a@4 Acquired: 6/27/2012 21:36:55 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9596**	**-2.127**	**151.2**	**405.5**	**5.400**	**.4365**
Stddev	.2411	1.990	.2	.5	.511	.1050
%RSD	25.13	93.55	.1144	.1345	9.466	24.05
#1	-.9334	-.3426	151.0	405.6	5.806	.4486
#2	-.7327	-1.766	151.3	405.9	5.568	.5349
#3	-1.213	-4.272	151.4	404.9	4.826	.3260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**16.75**	**47.11**	**3772.**	**664.6**
Stddev	.34	.10	3.	22.4
%RSD	2.053	.2196	.0719	3.372
#1	16.36	47.03	3774.	638.8
#2	16.87	47.23	3769.	674.9
#3	17.02	47.07	3773.	679.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2422.9**	**26899.**	**3497.1**
Stddev	8.4	16.	16.8
%RSD	.34753	.05805	.47987
#1	2416.1	26882.	3478.9
#2	2420.2	26904.	3512.0
#3	2432.3	26912.	3500.4

Sample Name: 460-41730-e-15-a@4 Acquired: 6/27/2012 21:40:30 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27910.**	**7.909**	**-.7714**	**246.8**	**.4283**	**13260.**
Stddev	79.	2.885	.2429	.6	.0786	38.
%RSD	.2845	36.48	31.49	.2276	18.36	.2844
#1	28000.	9.724	-.4922	246.4	.5187	13290.
#2	27880.	9.421	-.8880	247.5	.3758	13220.
#3	27850.	4.582	-.9341	246.5	.3904	13270.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4965**	**24.47**	**66.51**	**60.80**	**54060.**	**7388.**
Stddev	.0161	.18	.44	4.80	103.	35.
%RSD	3.235	.7170	.6563	7.901	.1913	.4671
#1	.4935	24.49	66.97	57.70	54000.	7363.
#2	.4822	24.63	66.47	58.36	54180.	7374.
#3	.5139	24.28	66.10	66.34	54000.	7427.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17710.**	**888.2**	**205.5**	**56.42**	**18.62**	**.5586**
Stddev	14.	.6	19.9	.04	.89	2.406
%RSD	.0780	.0625	9.675	.0692	4.804	430.6
#1	17690.	887.7	210.6	56.46	18.78	1.924
#2	17720.	888.1	183.5	56.38	17.65	-2.219
#3	17720.	888.8	222.3	56.40	19.42	1.971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-15-a@4 Acquired: 6/27/2012 21:40:30 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4667**	**-.9979**	**78.73**	**119.8**	**1.583**	**.0868**
Stddev	.5156	.6983	.18	.4	.112	.3134
%RSD	110.5	69.98	.2321	.3388	7.104	360.8
#1	-.4195	-.7145	78.94	119.5	1.539	-.2748
#2	.0237	-.4859	78.63	120.3	1.499	.2590
#3	-1.004	-1.793	78.61	119.7	1.710	.2764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.8929**	**30.85**	**2331.**	**530.7**
Stddev	.5164	.15	5.	31.7
%RSD	57.84	.4975	.2250	5.968
#1	1.229	30.95	2326.	499.3
#2	.2982	30.93	2337.	562.6
#3	1.152	30.68	2332.	530.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2409.5**	**26651.**	**3478.4**
Stddev	4.4	122.	23.0
%RSD	.18360	.45843	.66150
#1	2405.1	26541.	3452.4
#2	2409.6	26630.	3496.3
#3	2413.9	26783.	3486.4

Sample Name: 460-41730-e-16-a@4 Acquired: 6/27/2012 21:44:07 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37390.**	**10.61**	**24.92**	**777.1**	**.4398**	**8216.**
Stddev	123.	.40	.43	1.5	.2475	57.
%RSD	.3298	3.740	1.711	.1958	56.27	.6881
#1	37250.	10.47	24.50	778.1	.6335	8152.
#2	37480.	11.06	25.35	777.7	.1610	8259.
#3	37430.	10.31	24.92	775.3	.5250	8238.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.045**	**28.71**	**97.91**	**231.4**	**71700.**	**10700.**
Stddev	.129	.01	.68	5.9	96.	85.
%RSD	4.222	.0381	.6949	2.558	.1337	.7916
#1	2.951	28.71	98.57	226.0	71790.	10610.
#2	3.191	28.70	97.97	237.7	71710.	10740.
#3	2.992	28.72	97.21	230.4	71600.	10770.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18150.**	**1100.**	**187.4**	**65.12**	**535.3**	**1.631**
Stddev	50.	1.	19.8	.34	1.8	1.364
%RSD	.2750	.1037	10.55	.5279	.3353	83.65
#1	18200.	1100.	199.7	65.33	536.2	3.156
#2	18130.	1100.	197.8	64.73	536.4	1.210
#3	18100.	1102.	164.6	65.31	533.2	.5266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-16-a@4 Acquired: 6/27/2012 21:44:07 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.706**	**-.8730**	**106.8**	**672.5**	**3.039**	**2.093**
Stddev	2.580	1.510	.6	1.9	.865	.122
%RSD	151.2	173.0	.5537	.2781	28.45	5.816
#1	3.282	-1.895	106.1	673.0	2.142	2.225
#2	-1.271	.8613	107.3	674.0	3.108	1.985
#3	3.106	-1.585	106.9	670.4	3.867	2.070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**56.23**	**40.55**	**3215.**	**593.7**
Stddev	1.03	.26	15.	5.4
%RSD	1.835	.6445	.4747	.9014
#1	57.32	40.35	3197.	597.8
#2	55.27	40.46	3226.	587.7
#3	56.11	40.85	3221.	595.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2424.7**	**26888.**	**3489.5**
Stddev	6.3	51.	17.7
%RSD	.25981	.19092	.50812
#1	2431.3	26946.	3509.9
#2	2424.0	26848.	3480.0
#3	2418.7	26871.	3478.5

Sample Name: 460-41730-e-18-a@4 Acquired: 6/27/2012 21:47:40 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35190.**	**8.279**	**.1728**	**368.0**	**.5506**	**8969.**
Stddev	71.	1.280	.4533	1.7	.1453	12.
%RSD	.2026	15.46	262.3	.4503	26.39	.1313
#1	35140.	8.486	.6866	369.2	.7103	8958.
#2	35280.	9.442	-.1703	368.6	.4261	8968.
#3	35160.	6.908	.0021	366.1	.5155	8981.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8050**	**33.01**	**83.88**	**72.50**	**67220.**	**10040.**
Stddev	.0652	.31	.53	2.30	133.	84.
%RSD	8.104	.9349	.6280	3.169	.1985	.8339
#1	.8584	33.36	84.49	72.39	67360.	9943.
#2	.8242	32.77	83.53	70.26	67090.	10110.
#3	.7323	32.89	83.63	74.85	67200.	10060.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20010.**	**1371.**	**229.5**	**69.68**	**31.63**	**1.826**
Stddev	38.	2.	16.4	.77	.46	1.632
%RSD	.1882	.1470	7.150	1.099	1.466	89.39
#1	20040.	1374.	215.9	70.56	31.10	.0193
#2	20000.	1370.	247.7	69.30	31.95	3.193
#3	19970.	1371.	224.9	69.18	31.85	2.264
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-18-a@4 Acquired: 6/27/2012 21:47:40 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3878**	**-1.673**	**102.1**	**159.9**	**4.101**	**1.243**
Stddev	4.262	1.302	.7	.3	.543	.412
%RSD	1099.	77.83	.7283	.1807	13.24	33.17
#1	4.068	-2.961	102.6	159.9	4.728	.7710
#2	1.377	-.3569	102.5	160.1	3.808	1.427
#3	-4.282	-1.702	101.3	159.6	3.768	1.532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.479**	**48.31**	**2927.**	**666.2**
Stddev	.715	.21	12.	34.8
%RSD	20.55	.4400	.4024	5.231
#1	2.720	48.07	2914.	636.5
#2	4.139	48.46	2936.	704.6
#3	3.577	48.40	2931.	657.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2397.4**	**26644.**	**3443.1**
Stddev	3.3	14.	18.7
%RSD	.13901	.05342	.54291
#1	2394.9	26628.	3447.9
#2	2396.2	26656.	3422.5
#3	2401.2	26647.	3458.9

Sample Name: CCV Acquired: 6/27/2012 21:51:17 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121000.**	**2435.**	**1238.**	**9884.**	**964.1**	**122500.**
Stddev	303.	12.	3.	18.	.9	194.
%RSD	.2506	.4821	.2060	.1805	.0917	.1581
#1	120700.	2437.	1240.	9899.	964.4	122700.
#2	120900.	2422.	1238.	9888.	963.1	122300.
#3	121300.	2444.	1235.	9864.	964.8	122500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1242.**	**2480.**	**5063.**	**11810.**	**99340.**	**47490.**
Stddev	2.	3.	5.	11.	80.	155.
%RSD	.1865	.1261	.1008	.0932	.0807	.3257
#1	1244.	2483.	5069.	11800.	99430.	47320.
#2	1243.	2482.	5059.	11800.	99280.	47560.
#3	1239.	2477.	5061.	11820.	99320.	47610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**5080.**	**117100.**	**2536.**	**7496.**	**977.2**
Stddev	119.	8.	239.	6.	16.	3.9
%RSD	.0961	.1568	.2040	.2321	.2170	.4038
#1	123400.	5089.	117000.	2541.	7514.	980.5
#2	123400.	5076.	116900.	2538.	7493.	972.8
#3	123200.	5074.	117400.	2530.	7481.	978.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 21:51:17 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2407.**	**2550.**	**2494.**	**2429.**	**1019.**	**2443.**
Stddev	3.	2.	6.	6.	2.	5.
%RSD	.1143	.0771	.2327	.2294	.1634	.2079
#1	2407.	2552.	2501.	2434.	1017.	2445.
#2	2409.	2548.	2492.	2430.	1020.	2446.
#3	2404.	2550.	2490.	2423.	1019.	2437.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**980.6**	**4956.**	**9381.**	**9664.**
Stddev	1.2	10.	32.	12.
%RSD	.1198	.2033	.3446	.1212
#1	981.5	4952.	9358.	9670.
#2	979.3	4948.	9366.	9671.
#3	981.0	4967.	9418.	9651.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2179.8**	**24092.**	**3279.9**
Stddev	7.7	75.	7.3
%RSD	.35261	.30981	.22165
#1	2176.2	24022.	3275.1
#2	2174.6	24083.	3288.3
#3	2188.6	24170.	3276.4

Sample Name: CCB Acquired: 6/27/2012 21:54:36 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19.48**	**-1.252**	**-.1491**	**.3314**	**.2009**	**34.17**
Stddev	14.86	.491	.2312	.4708	.1101	16.26
%RSD	76.30	39.23	155.0	142.1	54.83	47.58
#1	8.785	-1.108	-.3848	.8122	.3237	52.69
#2	36.44	-1.799	.0772	.3107	.1681	27.52
#3	13.20	-.8492	-.1398	-.1287	.1109	22.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1604**	**.0354**	**.3333**	**-1.126**	**4.870**	**147.0**
Stddev	.1054	.1731	.2272	4.405	8.528	110.5
%RSD	65.73	489.3	68.19	391.2	175.1	75.17
#1	.2469	.2346	.5948	.4272	9.051	271.2
#2	.0430	-.0503	.1839	-6.097	10.50	59.72
#3	.1913	-.0782	.2212	2.292	-4.942	110.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.291**	**.3025**	**39.22**	**-.2917**	**.9596**	**1.903**
Stddev	5.665	.2701	32.13	.2868	.6304	.875
%RSD	68.32	89.31	81.93	98.33	65.70	45.98
#1	14.14	.5695	71.02	-.2268	.2788	2.908
#2	7.892	.3086	39.87	-.6053	1.077	1.316
#3	2.836	.0294	6.767	-.0428	1.523	1.483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 21:54:36 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0174**	**.7493**	**.8224**	**.2884**	**.4759**	**3.298**
Stddev	2.102	.9324	.2603	.2632	1.375	.402
%RSD	12060.	124.4	31.65	91.26	288.9	12.20
#1	1.713	1.520	.7950	.5085	1.933	3.703
#2	.5915	-.2873	1.095	.3598	.2929	3.293
#3	-2.357	1.016	.5769	-.0031	-.7983	2.899
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.6052**	**.4252**	**.3791**	**4.037**
Stddev	.5689	.5640	2.185	10.19
%RSD	94.02	132.6	576.5	252.4
#1	.1189	1.070	2.882	-3.595
#2	.4657	.1814	-.5940	.0999
#3	1.231	.0242	-1.151	15.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2346.7**	**26348.**	**3321.7**
Stddev	1.5	41.	12.7
%RSD	.06359	.15580	.38221
#1	2347.0	26382.	3333.0
#2	2345.1	26303.	3324.3
#3	2348.1	26360.	3308.0

Sample Name: 460-41730-a-19-a@4 Acquired: 6/27/2012 21:58:22 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51520.**	**10.07**	**2.653**	**543.3**	**.7443**	**10800.**
Stddev	206.	.33	.422	1.7	.1005	35.
%RSD	.3998	3.287	15.91	.3058	13.51	.3236
#1	51580.	10.33	2.343	543.5	.8388	10770.
#2	51290.	9.698	3.134	544.8	.7555	10800.
#3	51690.	10.19	2.483	541.5	.6387	10840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.414**	**40.08**	**118.6**	**102.4**	**94280.**	**11720.**
Stddev	.009	.22	.5	2.9	98.	79.
%RSD	.6323	.5433	.4338	2.869	.1034	.6748
#1	1.425	40.21	118.7	101.9	94390.	11630.
#2	1.411	39.83	118.0	105.5	94190.	11760.
#3	1.408	40.20	119.0	99.70	94260.	11770.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22470.**	**2056.**	**265.7**	**87.85**	**88.04**	**.2212**
Stddev	69.	2.	25.1	.49	.27	1.586
%RSD	.3072	.0993	9.464	.5625	.3115	717.0
#1	22550.	2054.	244.2	87.53	87.90	-.3563
#2	22450.	2057.	259.6	87.61	87.87	2.015
#3	22420.	2058.	293.4	88.42	88.36	-.9955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-19-a@4 Acquired: 6/27/2012 21:58:22 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.496**	**-2.423**	**147.6**	**349.0**	**3.128**	**.7229**
Stddev	1.726	1.650	.3	.7	1.148	.2487
%RSD	115.4	68.12	.2202	.2095	36.70	34.40
#1	.2874	-.9339	147.7	349.4	4.339	.9722
#2	-3.158	-2.137	147.2	348.2	2.056	.7218
#3	-1.616	-4.197	147.8	349.5	2.990	.4748
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**12.59**	**54.17**	**4041.**	**628.3**
Stddev	.75	.15	12.	19.6
%RSD	5.996	.2814	.2968	3.111
#1	13.46	54.24	4044.	636.1
#2	12.17	54.00	4028.	642.7
#3	12.14	54.28	4052.	606.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2410.7**	**26827.**	**3455.6**
Stddev	3.5	40.	17.5
%RSD	.14330	.15087	.50783
#1	2408.8	26813.	3453.5
#2	2408.6	26796.	3474.1
#3	2414.7	26873.	3439.2

Sample Name: 460-41730-e-20-a@4 Acquired: 6/27/2012 22:01:56 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54370.**	**10.66**	**-.2392**	**578.8**	**.6178**	**23510.**
Stddev	219.	.51	.3566	.4	.0937	91.
%RSD	.4024	4.759	149.1	.0760	15.17	.3865
#1	54290.	10.92	-.5181	578.3	.5940	23520.
#2	54210.	10.08	-.3621	579.1	.5382	23410.
#3	54620.	11.00	.1626	579.0	.7210	23590.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9499**	**43.47**	**132.8**	**91.35**	**99020.**	**14260.**
Stddev	.0332	.36	.6	4.89	254.	74.
%RSD	3.490	.8219	.4368	5.357	.2563	.5195
#1	.9592	43.08	133.3	91.06	98760.	14260.
#2	.9130	43.78	132.1	86.61	99050.	14190.
#3	.9773	43.54	133.0	96.38	99260.	14340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26350.**	**1296.**	**355.7**	**95.96**	**31.95**	**.6247**
Stddev	54.	1.	6.5	.26	.40	1.839
%RSD	.2049	.1005	1.836	.2735	1.253	294.4
#1	26310.	1295.	363.2	95.66	31.50	-1.337
#2	26340.	1296.	351.4	96.14	32.08	.9015
#3	26410.	1298.	352.4	96.08	32.27	2.310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-20-a@4 Acquired: 6/27/2012 22:01:56 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4855**	**-1.020**	**169.9**	**208.9**	**4.266**	**.5244**
Stddev	1.695	.581	.5	.6	1.134	.2043
%RSD	349.2	56.98	.3207	.2950	26.58	38.96
#1	.3366	-.3923	169.5	208.3	3.342	.7587
#2	2.250	-1.540	169.7	208.9	5.532	.3834
#3	-1.130	-1.129	170.5	209.6	3.924	.4313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.466**	**78.44**	**4771.**	**647.5**
Stddev	.708	.31	12.	30.0
%RSD	48.32	.3983	.2608	4.641
#1	1.480	78.67	4764.	637.3
#2	.7504	78.09	4764.	681.3
#3	2.166	78.56	4785.	623.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2405.0**	**26828.**	**3477.4**
Stddev	9.4	152.	11.3
%RSD	.39217	.56624	.32515
#1	2397.6	26721.	3473.8
#2	2401.7	26761.	3490.0
#3	2415.6	27002.	3468.2

Sample Name: 460-41730-e-21-a@4 Acquired: 6/27/2012 22:05:31 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24580.**	**6.052**	**.0732**	**183.6**	**.4671**	**6058.**
Stddev	79.	.154	.4679	.7	.1019	15.
%RSD	.3200	2.540	639.5	.3971	21.81	.2446
#1	24530.	5.984	-.4079	182.9	.5838	6059.
#2	24540.	6.228	.1008	183.5	.3958	6073.
#3	24670.	5.943	.5266	184.3	.4217	6043.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6404**	**20.53**	**56.18**	**45.17**	**43650.**	**4702.**
Stddev	.1347	.22	.28	1.60	97.	13.
%RSD	21.04	1.080	.5006	3.539	.2232	.2852
#1	.6393	20.31	55.87	45.34	43640.	4712.
#2	.5062	20.75	56.42	43.50	43550.	4706.
#3	.7756	20.53	56.25	46.69	43750.	4686.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11140.**	**1030.**	**173.2**	**48.53**	**17.11**	**1.757**
Stddev	26.	3.	11.7	.15	.94	.080
%RSD	.2367	.2543	6.758	.3162	5.489	4.556
#1	11110.	1029.	160.9	48.71	17.68	1.763
#2	11140.	1029.	184.2	48.43	17.62	1.674
#3	11160.	1033.	174.7	48.46	16.02	1.833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-21-a@4 Acquired: 6/27/2012 22:05:31 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1099**	**-2.994**	**63.97**	**93.20**	**2.541**	**.4515**
Stddev	2.272	.038	.35	.51	.307	.2954
%RSD	2067.	1.263	.5425	.5431	12.07	65.43
#1	-1.729	-3.020	64.25	92.64	2.452	.5552
#2	2.487	-2.951	63.58	93.33	2.289	.1182
#3	-1.088	-3.012	64.07	93.62	2.883	.6811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.2576**	**23.81**	**1779.**	**418.3**
Stddev	1.481	.03	7.	12.8
%RSD	575.1	.1447	.3799	3.055
#1	-.0847	23.79	1777.	425.7
#2	-1.023	23.85	1786.	403.5
#3	1.880	23.79	1773.	425.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2398.6**	**26729.**	**3417.5**
Stddev	4.0	63.	9.9
%RSD	.16498	.23659	.29013
#1	2398.9	26681.	3406.1
#2	2402.4	26705.	3423.1
#3	2394.5	26800.	3423.4

Sample Name: 460-41730-e-22-a@4 Acquired: 6/27/2012 22:09:08 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34780.**	**7.471**	**-1.061**	**231.8**	**.8083**	**6802.**
Stddev	62.	2.255	.449	.6	.2424	20.
%RSD	.1789	30.18	42.26	.2802	29.98	.3006
#1	34830.	6.291	-.5459	232.2	.7609	6819.
#2	34800.	6.051	-1.275	232.1	.5931	6809.
#3	34710.	10.07	-1.363	231.0	1.071	6779.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8940**	**30.49**	**72.27**	**67.41**	**61840.**	**6344.**
Stddev	.1476	.16	.55	.57	141.	126.
%RSD	16.51	.5258	.7544	.8417	.2281	1.983
#1	1.053	30.65	72.82	67.38	61920.	6489.
#2	.7608	30.33	71.73	66.86	61910.	6275.
#3	.8683	30.48	72.25	68.00	61670.	6267.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16200.**	**701.9**	**159.4**	**67.72**	**26.56**	**.9708**
Stddev	21.	1.7	16.0	.30	.50	1.073
%RSD	.1303	.2402	10.01	.4499	1.884	110.6
#1	16210.	702.7	154.6	67.84	26.88	-.0288
#2	16220.	703.1	177.1	67.94	26.81	.8359
#3	16180.	700.0	146.3	67.37	25.98	2.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-22-a@4 Acquired: 6/27/2012 22:09:08 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7190**	**-1.748**	**89.75**	**141.7**	**3.265**	**.6414**
Stddev	.6179	2.054	.55	.7	.425	.5015
%RSD	85.94	117.5	.6177	.4715	13.01	78.19
#1	-.0323	-3.444	89.37	142.1	3.681	.0634
#2	-.8945	.5362	89.50	142.0	3.281	.9003
#3	-1.230	-2.336	90.38	140.9	2.832	.9606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.341**	**30.07**	**2388.**	**619.7**
Stddev	.122	.18	3.	4.5
%RSD	9.100	.6113	.1428	.7281
#1	1.349	29.92	2391.	614.5
#2	1.459	30.00	2390.	622.2
#3	1.216	30.27	2384.	622.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2405.7**	**26854.**	**3475.9**
Stddev	7.3	43.	13.5
%RSD	.30468	.16068	.38819
#1	2403.3	26903.	3461.1
#2	2414.0	26837.	3479.1
#3	2399.9	26822.	3487.5

Sample Name: 460-41730-e-23-a@4 Acquired: 6/27/2012 22:12:45 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23280.**	**5.339**	**-.8305**	**163.6**	**.3277**	**5702.**
Stddev	51.	1.468	.3675	.2	.0901	28.
%RSD	.2173	27.49	44.25	.1509	27.48	.4923
#1	23340.	6.499	-.4186	163.8	.4017	5670.
#2	23260.	3.689	-.9480	163.4	.3540	5713.
#3	23250.	5.829	-1.125	163.5	.2274	5723.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5734**	**19.31**	**50.58**	**43.28**	**43700.**	**4444.**
Stddev	.0892	.20	.36	.62	85.	27.
%RSD	15.55	1.034	.7088	1.432	.1935	.6028
#1	.5787	19.25	50.31	43.48	43800.	4470.
#2	.6598	19.14	50.99	42.59	43660.	4417.
#3	.4818	19.53	50.45	43.78	43650.	4444.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10790.**	**765.8**	**113.5**	**45.06**	**13.94**	**.1177**
Stddev	43.	.3	21.8	.28	.37	2.334
%RSD	.4023	.0444	19.23	.6230	2.650	1984.
#1	10840.	765.9	133.3	45.30	13.68	2.212
#2	10770.	765.4	90.07	45.13	13.79	-2.399
#3	10770.	766.1	117.2	44.75	14.37	.5403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-23-a@4 Acquired: 6/27/2012 22:12:45 Type: Unk
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2133**	**.2544**	**60.01**	**91.31**	**2.837**	**.2044**
Stddev	1.487	1.285	.37	.29	.545	.0480
%RSD	697.2	505.0	.6208	.3176	19.23	23.46
#1	1.280	-.6117	59.86	91.63	3.178	.1527
#2	-.2258	1.731	60.43	91.07	3.125	.2474
#3	-1.694	-.3557	59.73	91.22	2.208	.2132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.9917**	**21.52**	**1641.**	**404.0**
Stddev	1.161	.18	7.	29.6
%RSD	117.1	.8510	.4542	7.316
#1	2.332	21.31	1648.	418.9
#2	.3107	21.61	1643.	369.9
#3	.3322	21.63	1633.	423.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2400.5**	**26913.**	**3446.3**
Stddev	1.9	68.	5.3
%RSD	.08048	.25083	.15350
#1	2398.3	26844.	3448.5
#2	2401.9	26979.	3440.3
#3	2401.3	26914.	3450.2

Sample Name: CCV Acquired: 6/27/2012 22:16:25 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120900.**	**2440.**	**1236.**	**9903.**	**957.0**	**121700.**
Stddev	74.	7.	2.	10.	1.2	46.
%RSD	.0616	.2720	.1256	.0989	.1246	.0378
#1	120900.	2435.	1237.	9904.	956.6	121800.
#2	121000.	2448.	1237.	9911.	956.0	121800.
#3	120900.	2438.	1234.	9892.	958.3	121700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1244.**	**2480.**	**5071.**	**11700.**	**99390.**	**46940.**
Stddev	2.	3.	.	24.	43.	99.
%RSD	.1232	.1086	.0080	.2069	.0432	.2118
#1	1244.	2481.	5070.	11690.	99340.	46850.
#2	1245.	2482.	5071.	11680.	99420.	46930.
#3	1242.	2477.	5071.	11730.	99410.	47050.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123500.**	**5058.**	**116900.**	**2538.**	**7494.**	**980.6**
Stddev	162.	1.	114.	2.	8.	4.8
%RSD	.1310	.0244	.0972	.0777	.1061	.4943
#1	123300.	5058.	116700.	2540.	7488.	981.4
#2	123600.	5057.	116900.	2538.	7503.	984.9
#3	123600.	5060.	117000.	2537.	7492.	975.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/27/2012 22:16:25 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2415.**	**2552.**	**2492.**	**2429.**	**1016.**	**2450.**
Stddev	4.	6.	5.	2.	2.	5.
%RSD	.1491	.2348	.1879	.0847	.1523	.1971
#1	2417.	2550.	2488.	2427.	1016.	2449.
#2	2417.	2558.	2498.	2431.	1018.	2455.
#3	2411.	2547.	2492.	2428.	1015.	2446.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**980.1**	**4933.**	**9400.**	**9707.**
Stddev	2.5	4.	20.	42.
%RSD	.2558	.0721	.2077	.4345
#1	981.9	4929.	9390.	9660.
#2	981.1	4934.	9388.	9742.
#3	977.2	4935.	9423.	9718.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2191.4**	**24174.**	**3308.3**
Stddev	3.8	91.	10.9
%RSD	.17113	.37622	.32822
#1	2195.5	24215.	3308.6
#2	2190.6	24238.	3319.0
#3	2188.1	24070.	3297.3

Sample Name: CCB Acquired: 6/27/2012 22:19:44 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.08**	**-2.104**	**-1.120**	**.3984**	**.0668**	**39.76**
Stddev	30.21	1.035	.228	.4298	.0100	32.00
%RSD	214.5	49.21	20.39	107.9	15.04	80.47
#1	38.55	-2.840	-.9273	.8754	.0775	76.61
#2	23.38	-.9199	-1.062	.2785	.0653	23.73
#3	-19.68	-2.551	-1.373	.0412	.0576	18.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0538**	**-.0560**	**.7611**	**-2.700**	**8.202**	**154.7**
Stddev	.0194	.2931	.1820	1.875	13.09	13.3
%RSD	36.01	523.1	23.91	69.45	159.6	8.611
#1	.0738	-.3082	.9682	-4.663	23.19	167.1
#2	.0525	.2656	.6269	-.9280	2.387	156.4
#3	.0351	-.1256	.6881	-2.508	-.9717	140.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

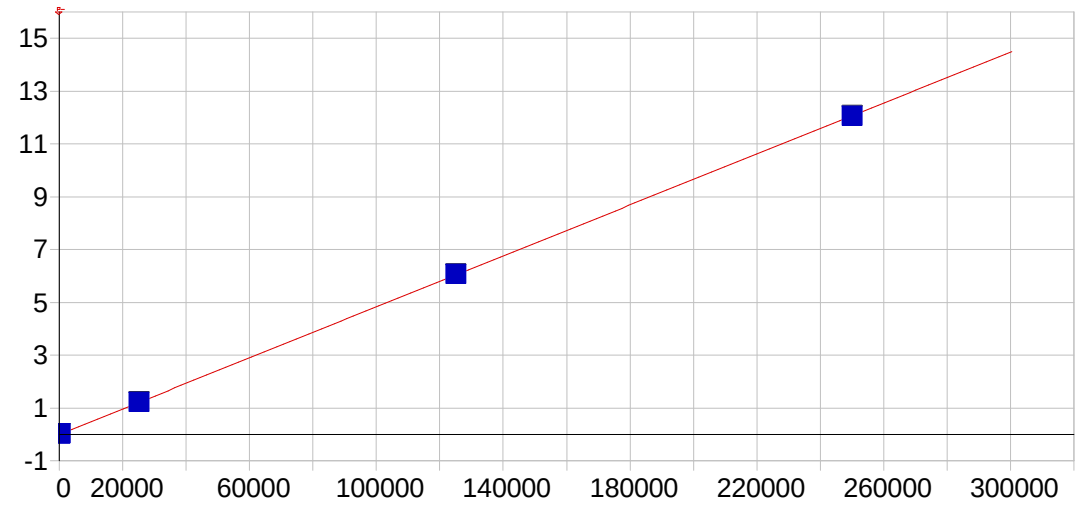
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.95**	**.3858**	**47.88**	**.0170**	**1.052**	**1.771**
Stddev	9.21	.3538	36.14	.2483	1.250	2.801
%RSD	54.34	91.72	75.47	1458.	118.8	158.2
#1	27.52	.7840	87.34	-.0239	2.464	.9960
#2	12.74	.2657	16.41	-.2082	.0867	-.5613
#3	10.60	.1076	39.89	.2832	.6063	4.877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/27/2012 22:19:44 Type: QC
Method: SW84606112012(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2317**	**.2131**	**.2880**	**.2438**	**-.4282**	**3.184**
Stddev	1.863	.9088	.3560	.2729	.3696	.288
%RSD	804.1	426.5	123.6	111.9	86.32	9.042
#1	-1.910	.7553	.6776	.5168	-.0166	3.510
#2	1.472	-.8361	-.0204	.2437	-.5360	3.074
#3	1.134	.7200	.2069	-.0291	-.7318	2.967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.2453**	**.5300**	**2.287**	**2.250**
Stddev	.9617	.6960	.531	21.94
%RSD	392.1	131.3	23.23	975.1
#1	.1080	1.232	2.897	-5.211
#2	1.268	.5168	1.928	26.95
#3	-.6404	-.1594	2.036	-14.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2343.8**	**26247.**	**3317.5**
Stddev	11.2	110.	30.9
%RSD	.47973	.41770	.93233
#1	2354.7	26368.	3346.4
#2	2332.2	26217.	3321.2
#3	2344.3	26155.	3284.9

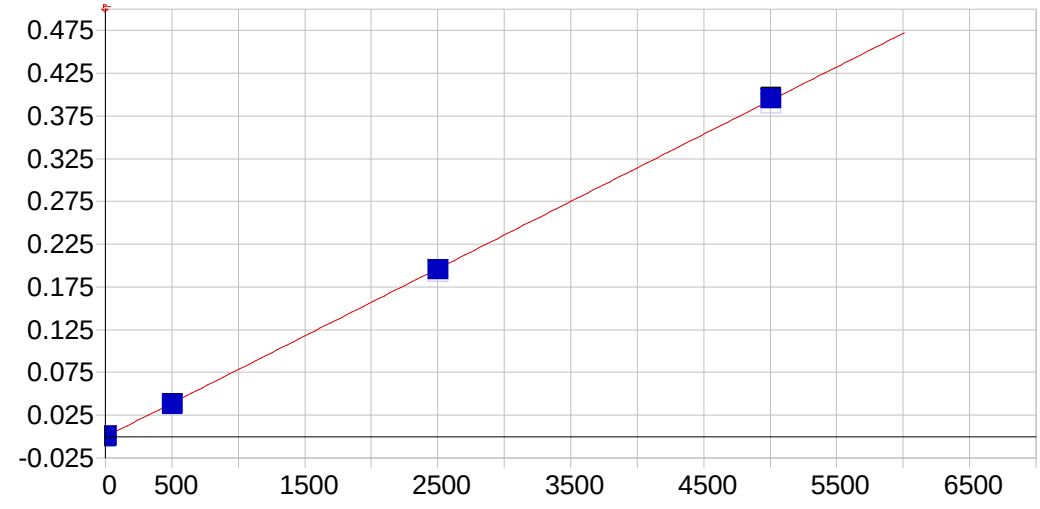


Al 396.152 { 85}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000333	Re-Slope:	1.000000
A1 (Gain):	0.000048	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	23.049470		
Predicted MQL:	76.831567		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02982	.030	.000	.00033	.001	1
DCAL1	200.00	168.39	-31.6	-15.8	.00845	.001	1
DCAL2	25000.	25217.	217.	.868	1.2186	.001	1
DCAL3	125000.	125250.	253.	.202	6.0513	.005	1
DCAL4	250000.	249560.	-438.	-.175	12.057	.020	1



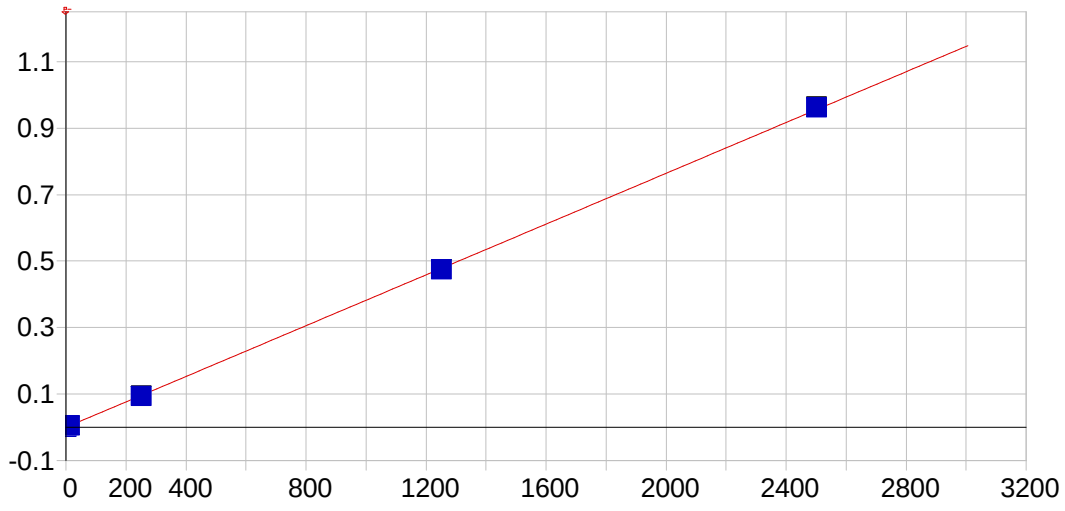
As 189.042 {478}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000199	Re-Slope:	1.000000
A1 (Gain):	0.000079	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000006		

Predicted MDL:	2.532986
Predicted MQL:	8.443286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00047	.000	.000	-.00020	.000	1
DCAL1	5.0000	5.6260	.626	12.5	.00024	.000	1
DCAL2	500.00	484.88	-15.1	-3.02	.03731	.000	1
DCAL3	2500.0	2484.3	-15.7	-.629	.19208	.000	1
DCAL4	5000.0	5030.2	30.2	.604	.38921	.001	1

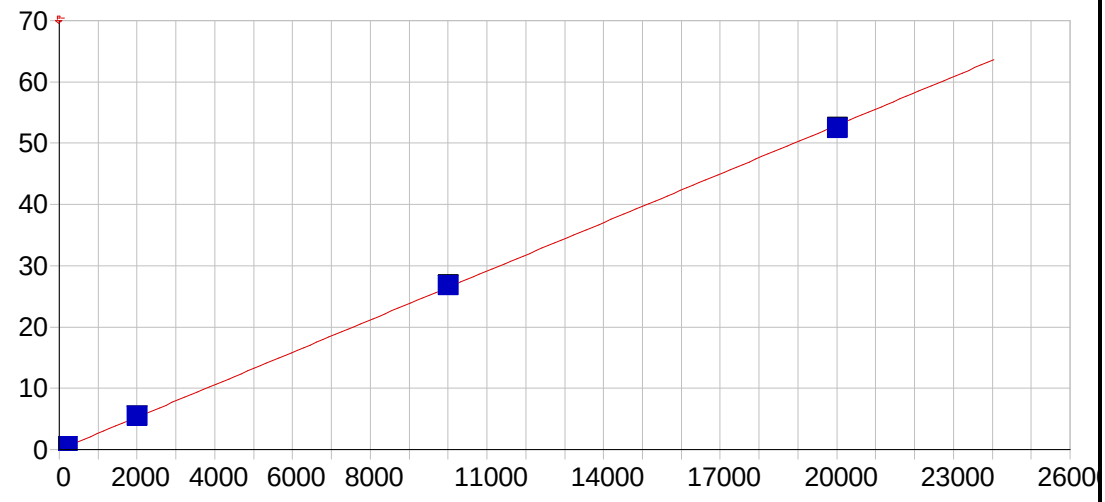


Ag 328.068 {103}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000035	Re-Slope:	1.000000
A1 (Gain):	0.000382	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.766666		
Predicted MQL:	2.555553		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00059	.001	.000	-.00003	.000	1
DCAL1	10.000	9.7101	-.290	-2.90	.00366	.000	1
DCAL2	250.00	242.78	-7.22	-2.89	.09239	.000	1
DCAL3	1250.0	1239.5	-10.5	-.843	.47187	.001	1
DCAL4	2500.0	2518.0	18.0	.722	.95871	.001	1

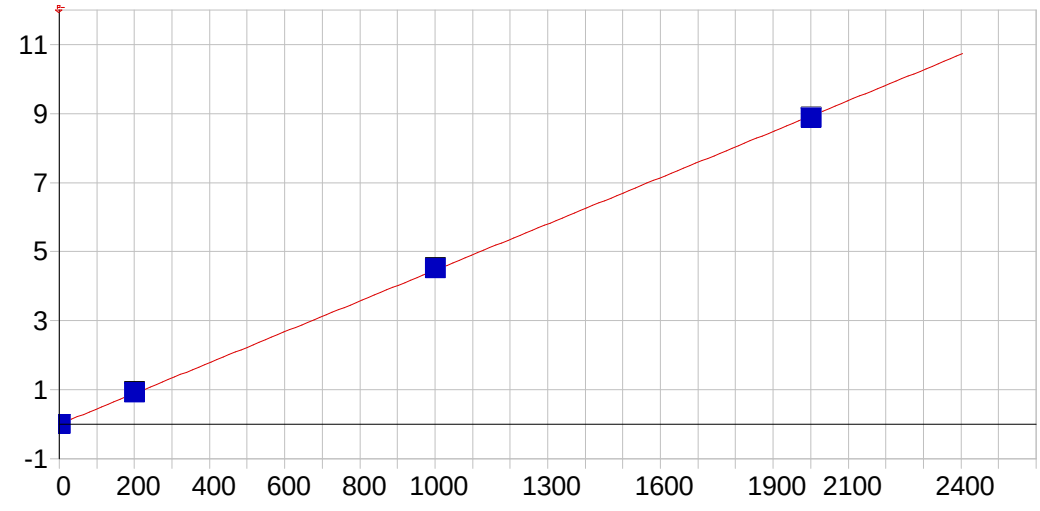


Ba 233.527 {445}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000386	Re-Slope:	1.000000
A1 (Gain):	0.002646	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.003627		
Predicted MDL:	0.149118		
Predicted MQL:	0.497059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01682	-.017	.000	.00034	.000	1
DCAL1	200.00	210.23	10.2	5.12	.55648	.002	1
DCAL2	2000.0	2061.1	61.1	3.05	5.4482	.007	1
DCAL3	10000.	10120.	120.	1.20	26.748	.027	1
DCAL4	20000.	19809.	-191.	-.955	52.357	.088	1



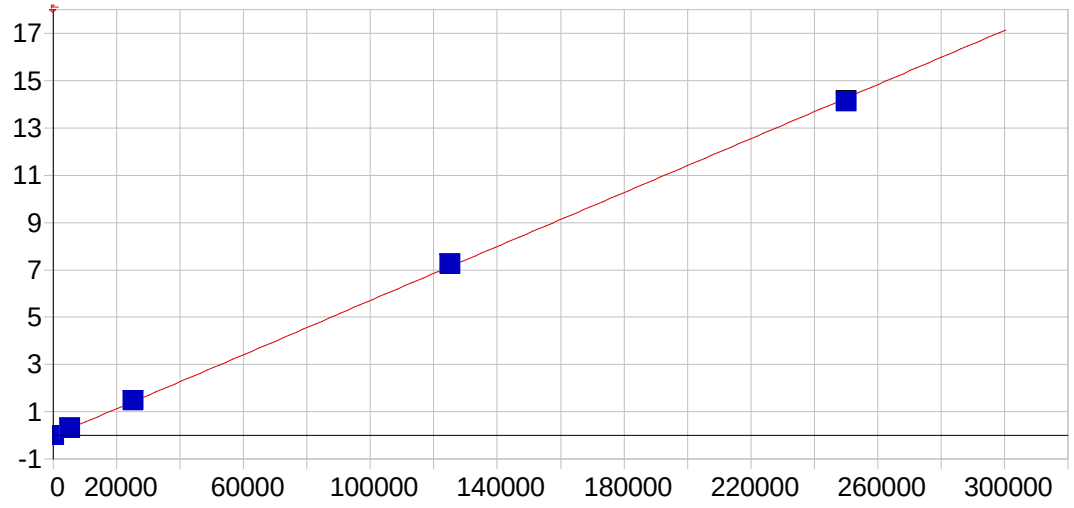
Be 313.042 {108}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000452	Re-Slope:	1.000000
A1 (Gain):	0.004464	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000142		
Predicted MDL:	0.174850		

Predicted MQL: 0.582835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00006	.000	.000	.00045	.001	1
DCAL1	2.0000	2.0083	.008	.416	.00947	.000	1
DCAL2	200.00	205.01	5.01	2.50	.91691	.006	1
DCAL3	1000.0	1008.9	8.91	.891	4.5108	.007	1
DCAL4	2000.0	1986.1	-13.9	-.697	8.8793	.012	1

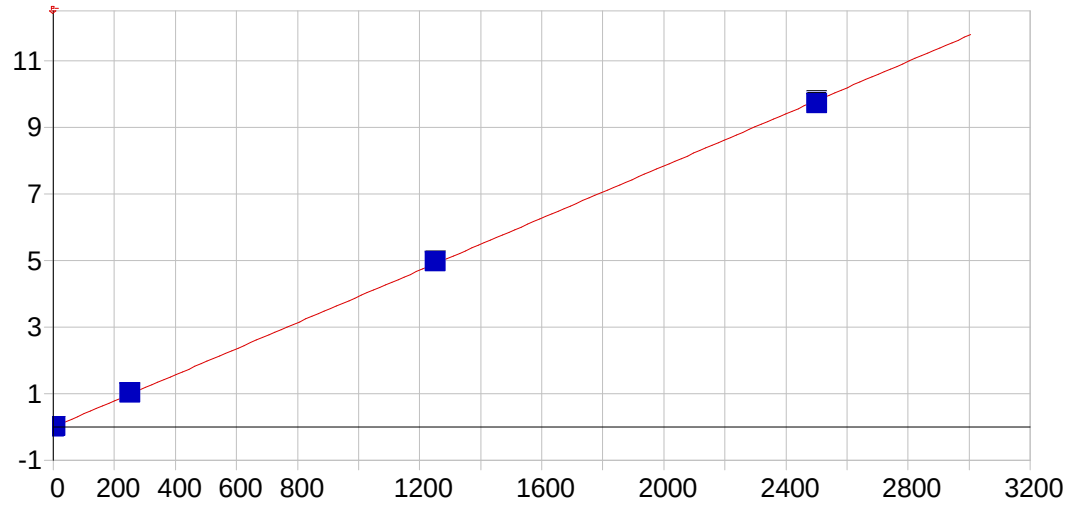


Ca 422.673 { 80}

Date of Fit: 6/28/2012 11:04:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007585	Re-Slope:	1.000000
A1 (Gain):	0.000057	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999871	Status:	OK.
Std Error of Est:	0.001682		
Predicted MDL:	20.375523		
Predicted MQL:	67.918409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.46245	-.462	.000	-.00761	.001	1
DCAL1	5000.0	5284.4	284.	5.69	.29421	.001	1
DCAL2	25000.	25817.	817.	3.27	1.4669	.006	1
DCAL3	125000.	126830.	1830.	1.47	7.2359	.014	1
DCAL4	250000.	247070.	-2930.	-1.17	14.103	.026	1

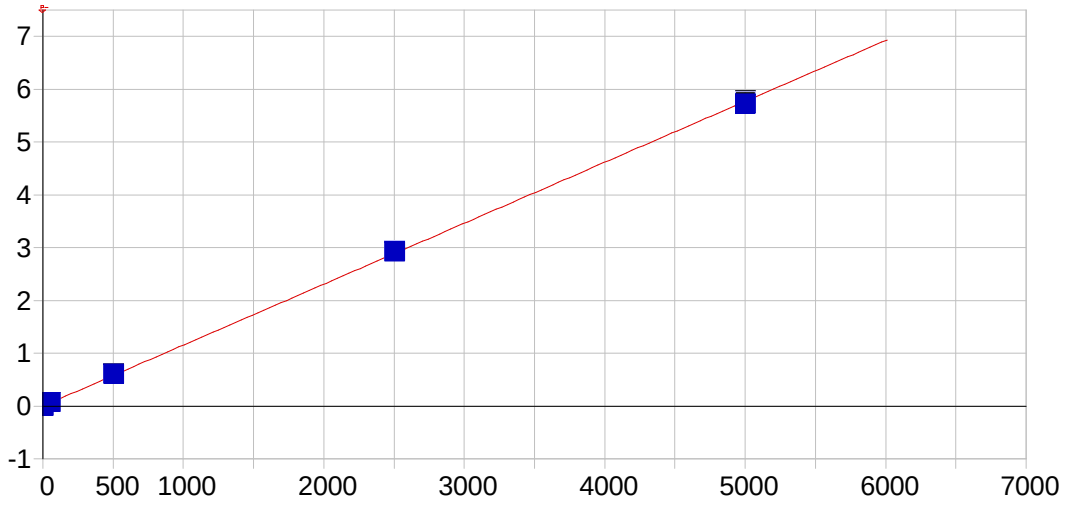


Cd 226.502 {449}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001055	Re-Slope:	1.000000
A1 (Gain):	0.003921	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.118623		
Predicted MQL:	0.395411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00031	.000	.000	-.00106	.000	1
DCAL1	4.0000	4.1769	.177	4.42	.01536	.000	1
DCAL2	250.00	257.78	7.78	3.11	1.0150	.001	1
DCAL3	1250.0	1264.0	14.0	1.12	4.9816	.003	1
DCAL4	2500.0	2478.1	-21.9	-.877	9.7686	.016	1

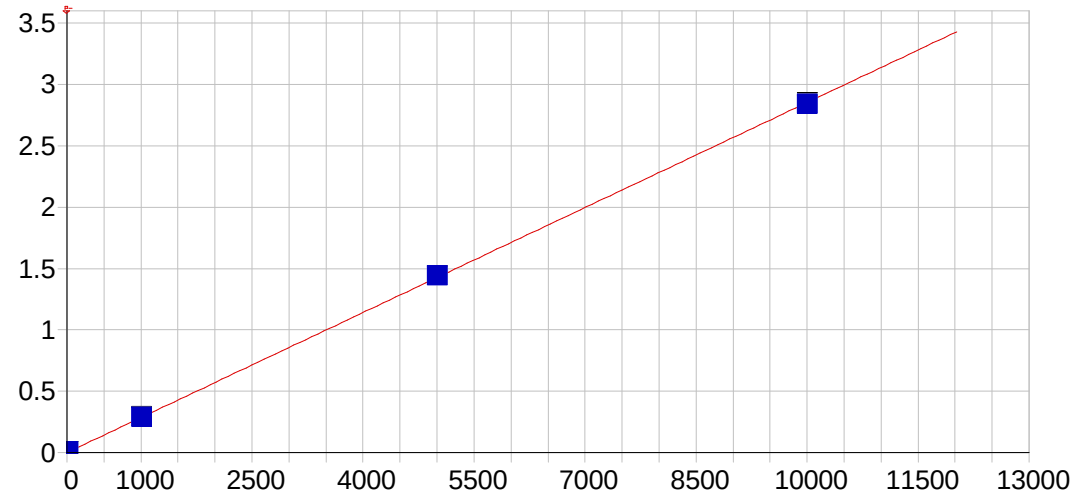


Co 228.616 {447}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000842	Re-Slope:	1.000000
A1 (Gain):	0.001154	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000468		
Predicted MDL:	0.345061		
Predicted MQL:	1.150202		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00613	-.006	.000	-.00085	.000	1
DCAL1	50.000	54.030	4.03	8.06	.06152	.000	1
DCAL2	500.00	520.96	21.0	4.19	.60544	.001	1
DCAL3	2500.0	2525.6	25.6	1.03	2.9392	.003	1
DCAL4	5000.0	4949.4	-50.6	-1.01	5.7617	.013	1

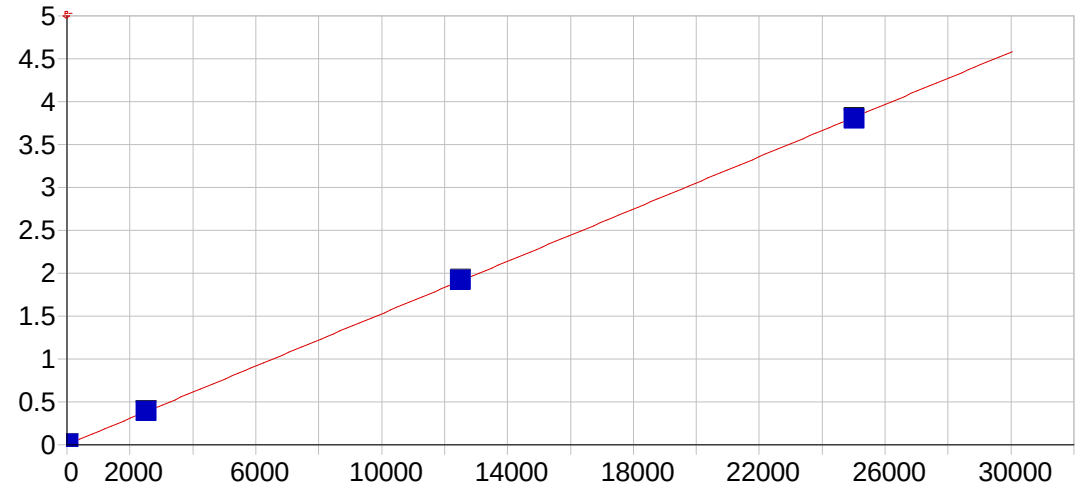


Cr 267.716 {126}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000201	Re-Slope:	1.000000
A1 (Gain):	0.000285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.519508		
Predicted MQL:	1.731692		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00026	.000	.000	.00020	.000	1
DCAL1	10.000	9.5909	-.409	-4.09	.00296	.000	1
DCAL2	1000.0	1011.9	11.9	1.19	.28905	.001	1
DCAL3	5000.0	5040.1	40.1	.803	1.4389	.001	1
DCAL4	10000.	9948.4	-51.6	-.516	2.8400	.008	1



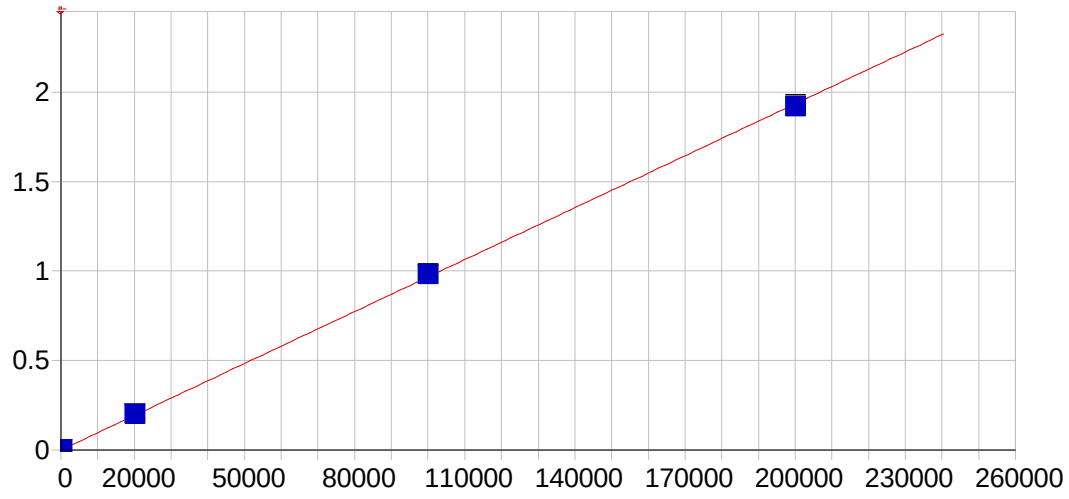
Cu 324.754 {104}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002590	Re-Slope:	1.000000
A1 (Gain):	0.000153	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	5.222820		

Predicted MQL: 17.409399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00002	.000	.000	.00259	.000	1
DCAL1	25.000	24.546	-.454	-1.82	.00633	.001	1
DCAL2	2500.0	2544.1	44.1	1.76	.39015	.002	1
DCAL3	12500.	12574.	74.0	.592	1.9180	.004	1
DCAL4	25000.	24882.	-118.	-.471	3.7930	.010	1

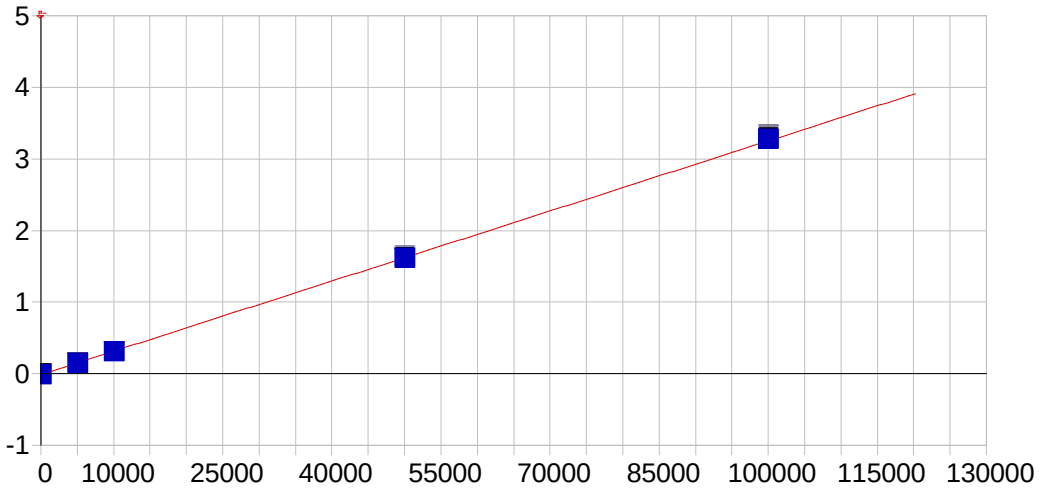


Fe 271.441 {124}

Date of Fit: 6/28/2012 11:04:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
A1 (Gain): 0.000010 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999921 Status: OK.
Std Error of Est: 0.000034
Predicted MDL: 14.358237
Predicted MQL: 47.860791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01317	-.013	.000	.00012	.000	1
DCAL1	150.00	158.15	8.15	5.43	.00169	.000	1
DCAL2	20000.	20609.	609.	3.05	.19985	.000	1
DCAL3	100000.	101220.	1220.	1.22	.98115	.001	1
DCAL4	200000.	198160.	-1840.	-.920	1.9208	.005	1

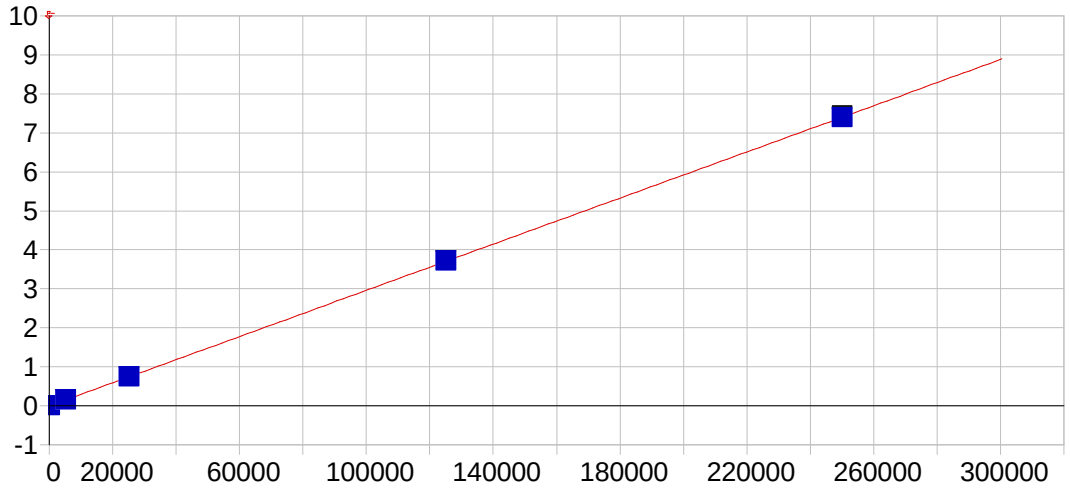


K 766.490 { 44}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.012556	Re-Slope:	1.000000
A1 (Gain):	0.000033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000406		
Predicted MDL:	69.927314		
Predicted MQL:	233.091048		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.27360	.274	.000	-.01255	.002	1
DCAL1	5000.0	4880.9	-119.	-2.38	.14743	.001	1
DCAL2	10000.	9660.8	-339.	-3.39	.30708	.002	1
DCAL3	50000.	49845.	-155.	-.311	1.6359	.004	1
DCAL4	100000.	100610.	613.	.613	3.3146	.013	1

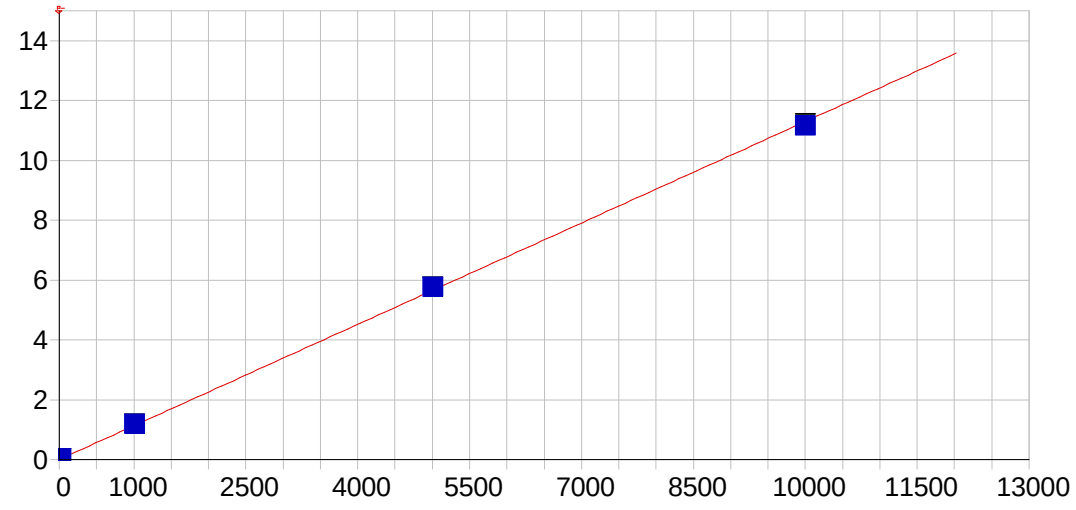


Mg 279.079 {121}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000048	Re-Slope:	1.000000
A1 (Gain):	0.000030	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000153		
Predicted MDL:	4.934832		
Predicted MQL:	16.449441		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02102	-.021	.000	.00005	.000	1
DCAL1	5000.0	5054.8	54.8	1.10	.14968	.000	1
DCAL2	25000.	24785.	-215.	-.858	.73371	.003	1
DCAL3	125000.	125290.	295.	.236	3.7088	.004	1
DCAL4	250000.	249870.	-135.	-.054	7.3961	.022	1

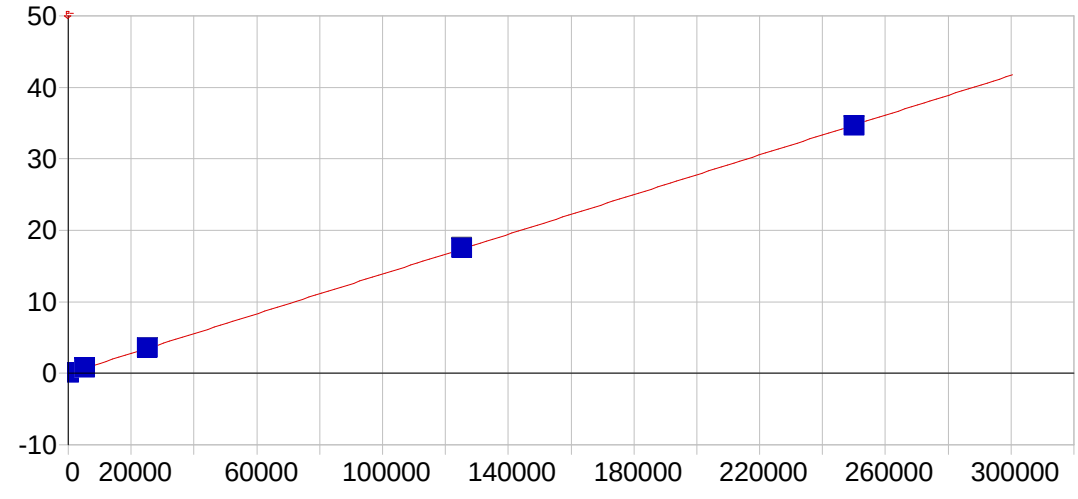


Mn 257.610 {131}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000079	Re-Slope:	1.000000
A1 (Gain):	0.001130	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999840	Status:	OK.
Std Error of Est:	0.000404		
Predicted MDL:	0.121971		
Predicted MQL:	0.406569		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00203	-.002	.000	.00008	.000	1
DCAL1	15.000	16.419	1.42	9.46	.01863	.000	1
DCAL2	1000.0	1034.5	34.5	3.45	1.1688	.003	1
DCAL3	5000.0	5099.1	99.1	1.98	5.7606	.002	1
DCAL4	10000.	9865.0	-135.	-1.35	11.145	.075	1



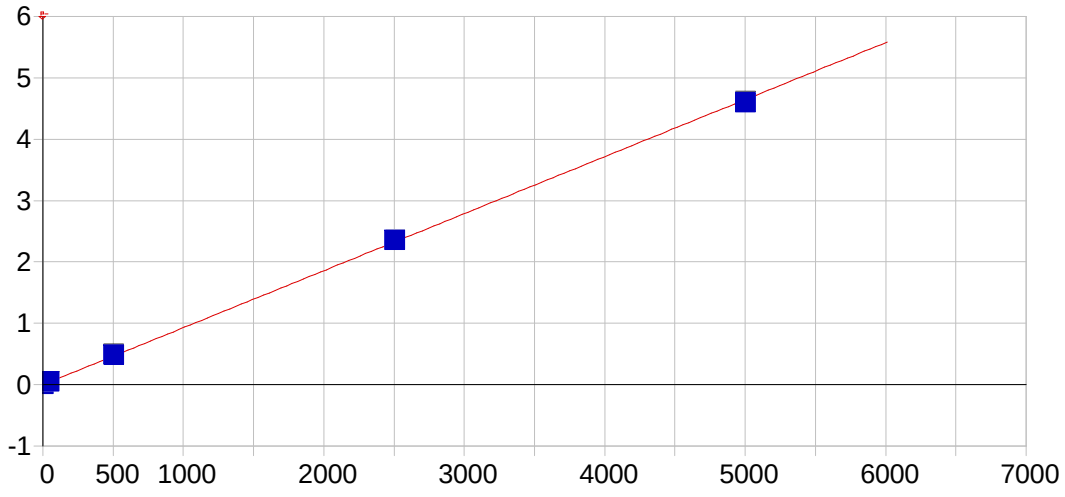
Na 589.592 { 57}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000318	Re-Slope:	1.000000
A1 (Gain):	0.000139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.001599		
Predicted MDL:	17.039873		

Predicted MQL: 56.799576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.14402	-.144	.000	-.00034	.001	1
DCAL1	5000.0	5095.1	95.1	1.90	.70732	.005	1
DCAL2	25000.	25179.	179.	.714	3.4990	.007	1
DCAL3	125000.	125940.	935.	.748	17.502	.045	1
DCAL4	250000.	248790.	-1210.	-.484	34.577	.050	1

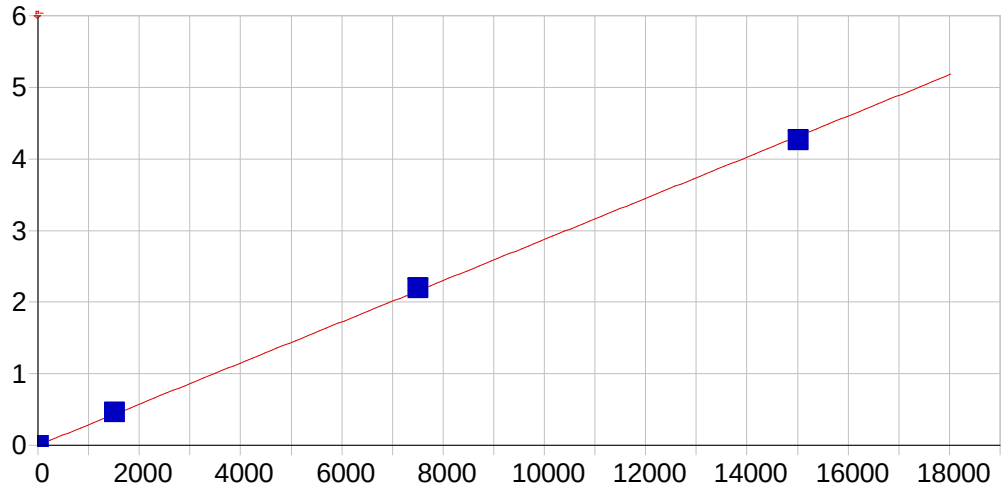


Ni 231.604 {446}

Date of Fit: 6/28/2012 11:04:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000744	Re-Slope:	1.000000
A1 (Gain):	0.000929	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000358		
Predicted MDL:	0.490559		
Predicted MQL:	1.635195		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00510	-.005	.000	-.00075	.000	1
DCAL1	40.000	43.277	3.28	8.19	.03950	.000	1
DCAL2	500.00	522.41	22.4	4.48	.48559	.001	1
DCAL3	2500.0	2529.5	29.5	1.18	2.3542	.002	1
DCAL4	5000.0	4944.8	-55.2	-1.10	4.6030	.011	1

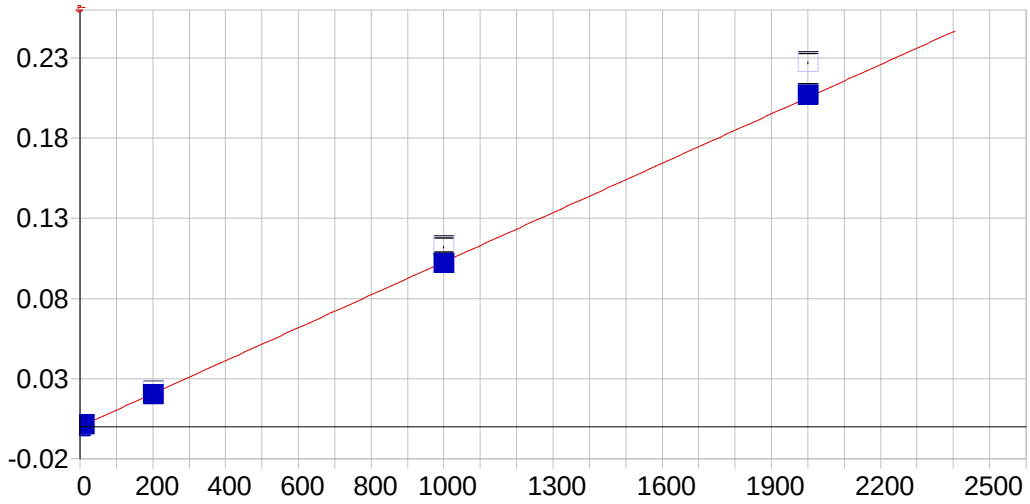


Pb 220.353 {453}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000259	Re-Slope:	1.000000
A1 (Gain):	0.000287	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	1.549407		
Predicted MQL:	5.164690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00008	.000	.000	.00026	.000	1
DCAL1	5.0000	4.8151	-.185	-3.70	.00166	.000	1
DCAL2	1500.0	1574.6	74.6	4.97	.45203	.001	1
DCAL3	7500.0	7618.6	119.	1.58	2.1860	.002	1
DCAL4	15000.	14807.	-193.	-1.29	4.2481	.005	1

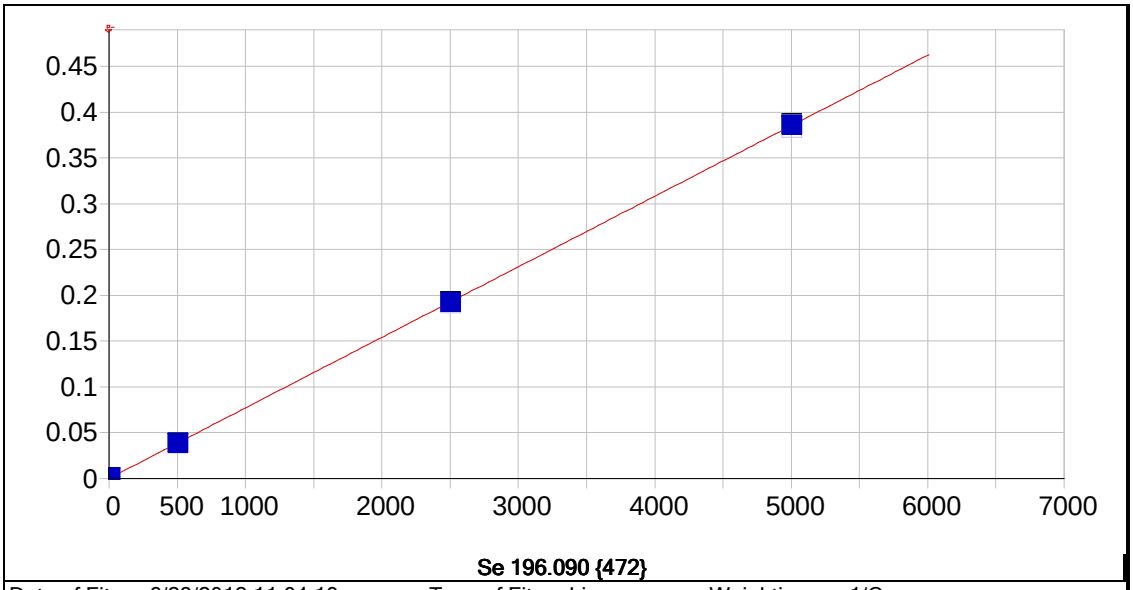


Sb 206.833 {463}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000146	Re-Slope:	1.000000
A1 (Gain):	0.000103	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	2.804772		
Predicted MQL:	9.349240		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00171	.002	.000	.00015	.000	1
DCAL1	10.000	8.6123	-1.39	-13.9	.00104	.000	1
DCAL2	200.00	193.44	-6.56	-3.28	.02201	.000	1
DCAL3	1000.0	992.32	-7.68	-.768	.11202	.001	1
DCAL4	2000.0	2015.5	15.5	.776	.22707	.001	1

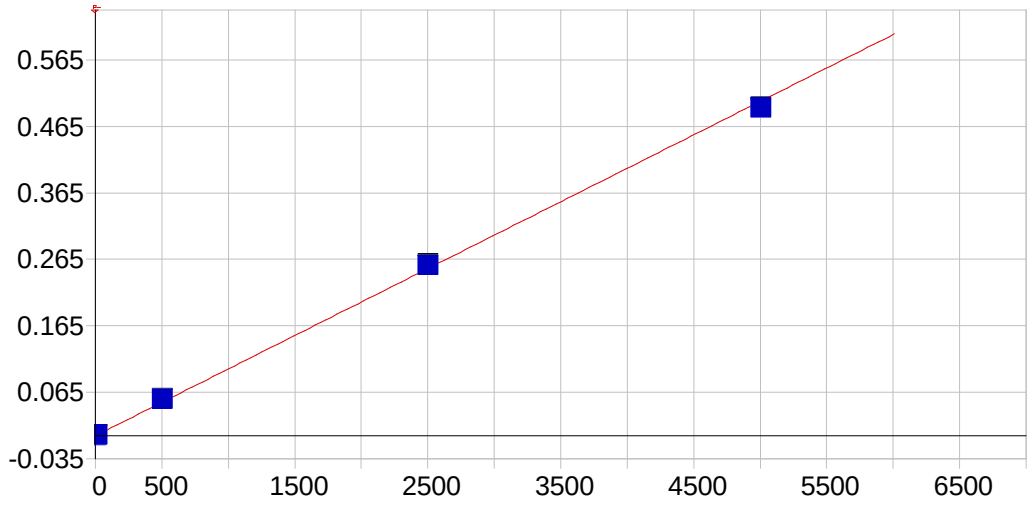


Se 196.090 {472}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000134	Re-Slope:	1.000000
A1 (Gain):	0.000077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000002		
Predicted MDL:	3.396420		
Predicted MQL:	11.321400		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00037	.000	.000	.00013	.000	1
DCAL1	5.0000	5.4248	.425	8.50	.00055	.000	1
DCAL2	500.00	493.94	-6.06	-1.21	.03784	.000	1
DCAL3	2500.0	2497.6	-2.41	-.096	.19079	.000	1
DCAL4	5000.0	5008.0	8.05	.161	.38244	.001	1



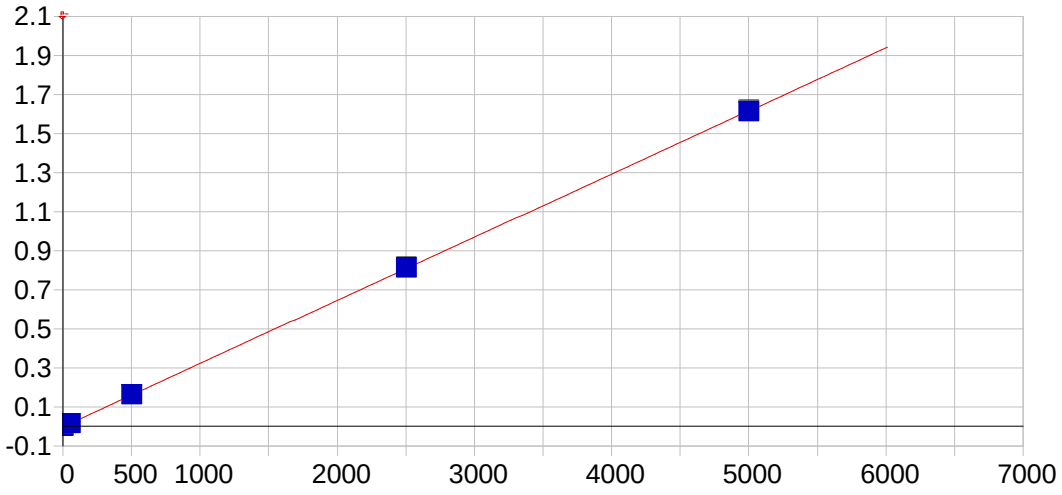
Tl 190.856 {477}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000388	Re-Slope:	1.000000
A1 (Gain):	0.000101	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999493	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	2.422688		

Predicted MQL: 8.075628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00223	-.002	.000	-.00039	.000	1
DCAL1	10.000	11.248	1.25	12.5	.00074	.000	1
DCAL2	500.00	548.96	49.0	9.79	.05475	.000	1
DCAL3	2500.0	2551.7	51.7	2.07	.25587	.002	1
DCAL4	5000.0	4898.1	-102.	-2.04	.49149	.002	1

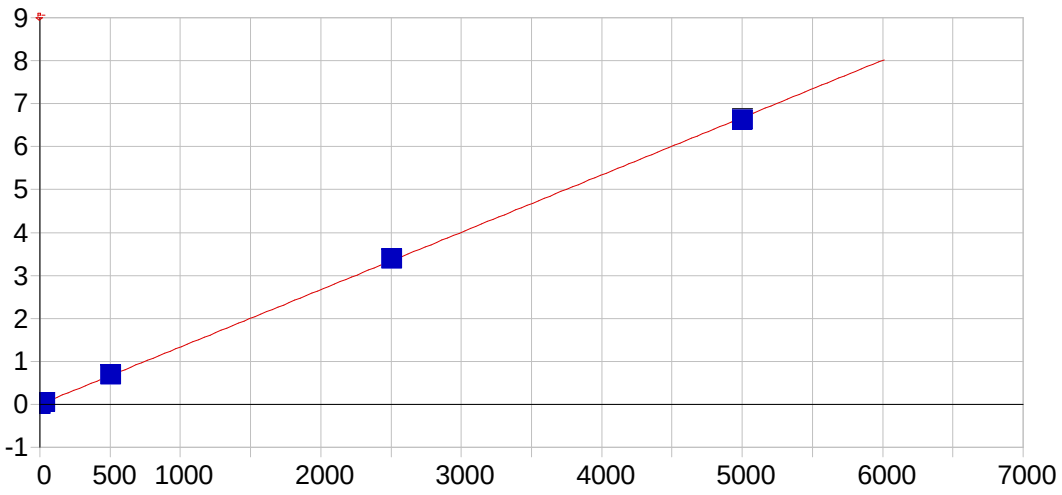


V 292.402 {115}

Date of Fit: 6/28/2012 11:04:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
A1 (Gain): 0.000323 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999995 Status: OK.
Std Error of Est: 0.000026
Predicted MDL: 0.541777
Predicted MQL: 1.805922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00036	.000	.000	.00003	.000	1
DCAL1	50.000	50.204	.204	.408	.01625	.000	1
DCAL2	500.00	500.53	.532	.106	.16190	.001	1
DCAL3	2500.0	2510.8	10.8	.433	.81201	.001	1
DCAL4	5000.0	4988.4	-11.6	-.231	1.6133	.004	1

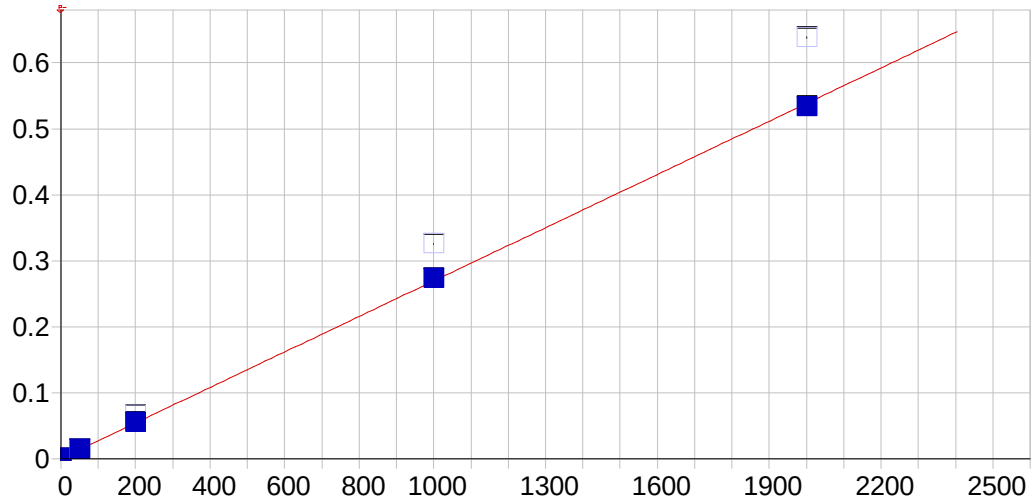


Zn 206.200 {463}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000071	Re-Slope:	1.000000
A1 (Gain):	0.001335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000328		
Predicted MDL:	0.208917		
Predicted MQL:	0.696391		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00245	-.002	.000	-.00007	.000	1
DCAL1	30.000	31.513	1.51	5.04	.04202	.000	1
DCAL2	500.00	514.33	14.3	2.87	.68767	.001	1
DCAL3	2500.0	2528.6	28.6	1.15	3.3812	.004	1
DCAL4	5000.0	4955.5	-44.5	-.889	6.6266	.016	1

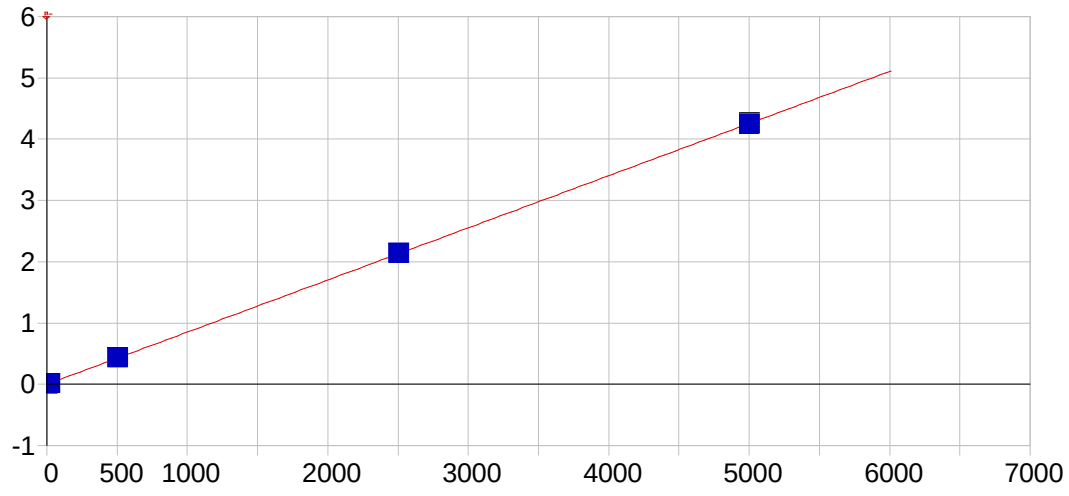


B 208.959 {461}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000516	Re-Slope:	1.000000
A1 (Gain):	0.000269	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	1.014097		
Predicted MQL:	3.380324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00207	-.002	.000	.00052	.000	1
DCAL1	50.000	50.673	.673	1.35	.01456	.000	1
DCAL2	200.00	204.74	4.74	2.37	.06606	.000	1
DCAL3	1000.0	1013.6	13.6	1.36	.32552	.000	1
DCAL4	2000.0	1981.0	-19.0	-.948	.63810	.001	1

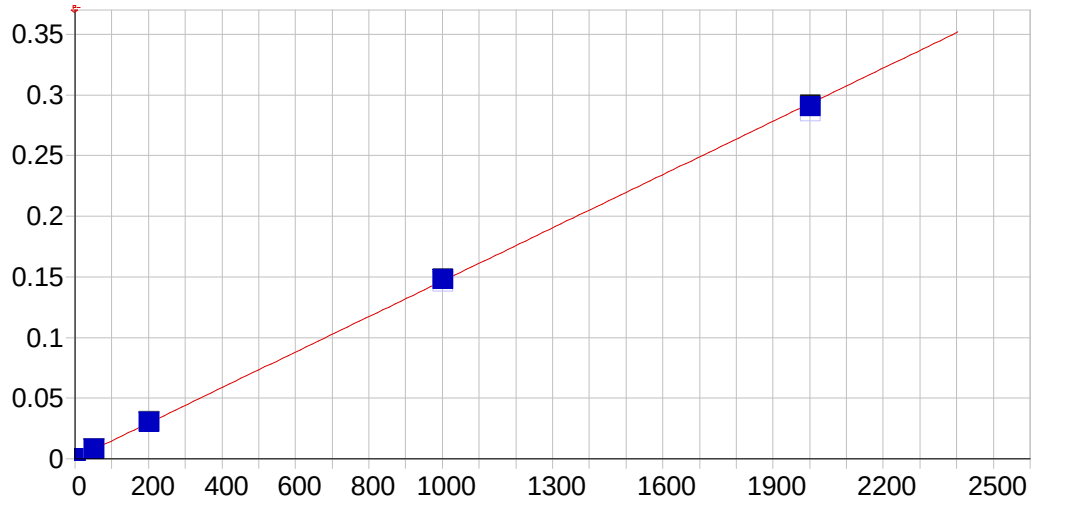


Mo 202.030 {467}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000080	Re-Slope:	1.000000
A1 (Gain):	0.000851	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.349855		
Predicted MQL:	1.166184		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00002	.000	.000	.00008	.000	1
DCAL1	20.000	19.923	-.077	-.385	.01711	.000	1
DCAL2	500.00	501.52	1.52	.304	.42780	.001	1
DCAL3	2500.0	2510.4	10.4	.414	2.1410	.001	1
DCAL4	5000.0	4988.2	-11.8	-.236	4.2543	.009	1



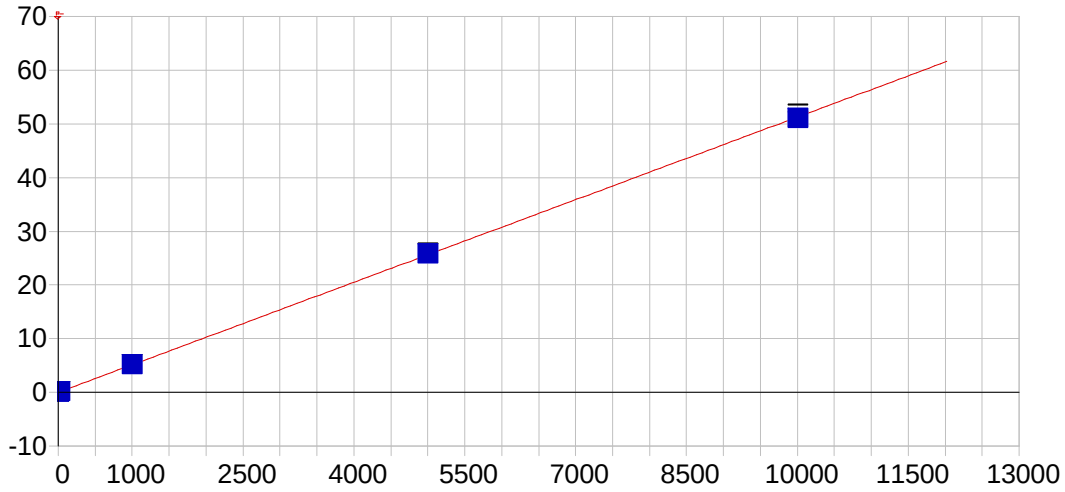
Sn 189.989 {477}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000213	Re-Slope:	1.000000
A1 (Gain):	0.000146	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	1.143871		

Predicted MQL: 3.812903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00325	-.003	.000	.00021	.000	1
DCAL1	50.000	51.758	1.76	3.52	.00778	.000	1
DCAL2	200.00	205.89	5.89	2.95	.02991	.000	1
DCAL3	1000.0	1008.2	8.24	.824	.14560	.000	1
DCAL4	2000.0	1984.1	-15.9	-.796	.28625	.001	1

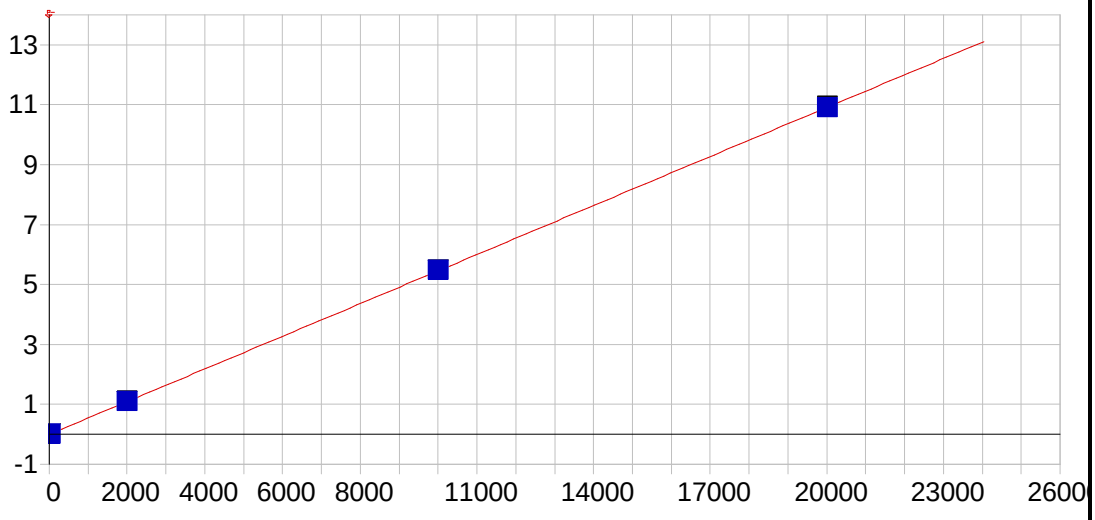


Sr 407.771 { 83}

Date of Fit: 6/28/2012 11:04:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001977	Re-Slope:	1.000000
A1 (Gain):	0.005125	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000682		
Predicted MDL:	0.206019		
Predicted MQL:	0.686731		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00107	-.001	.000	-.00198	.002	1
DCAL1	20.000	20.827	.827	4.14	.10643	.001	1
DCAL2	1000.0	1009.8	9.76	.976	5.1664	.028	1
DCAL3	5000.0	5032.8	32.8	.656	25.758	.045	1
DCAL4	10000.	9956.6	-43.4	-.434	50.959	.677	1

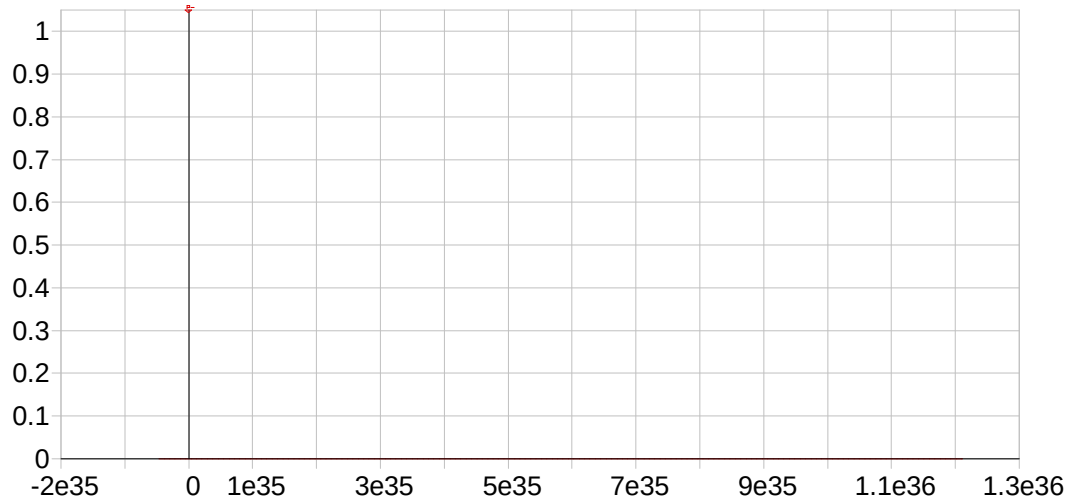


Ti 334.941 {101}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	0.000545	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	1.799584		
Predicted MQL:	5.998614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00044	.000	.000	.00017	.000	1
DCAL1	20.000	19.518	-.482	-2.41	.01094	.000	1
DCAL2	2000.0	2002.5	2.47	.124	1.0936	.003	1
DCAL3	10000.	10022.	22.4	.224	5.4729	.007	1
DCAL4	20000.	19976.	-24.3	-.122	10.908	.029	1

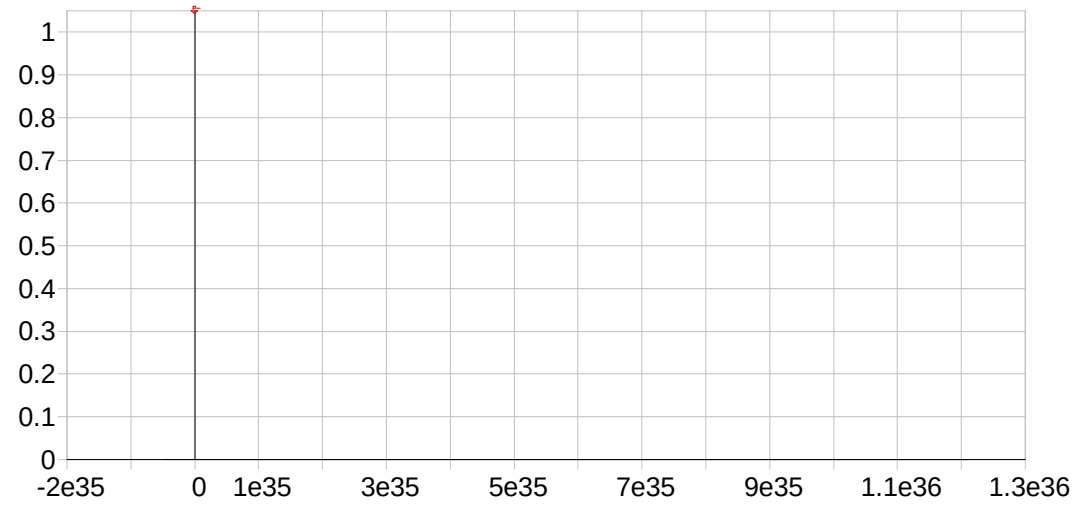


Y 224.306 {450}*

Date of Fit:	2/28/2011 17:34:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

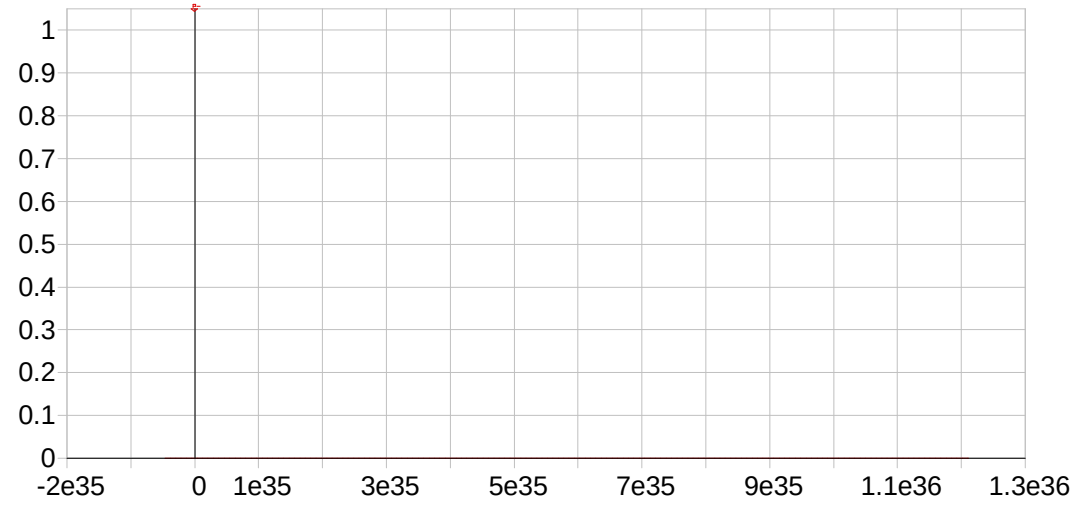


Y 360.073 { 94}*

Date of Fit:	5/4/2010 9:11:13	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

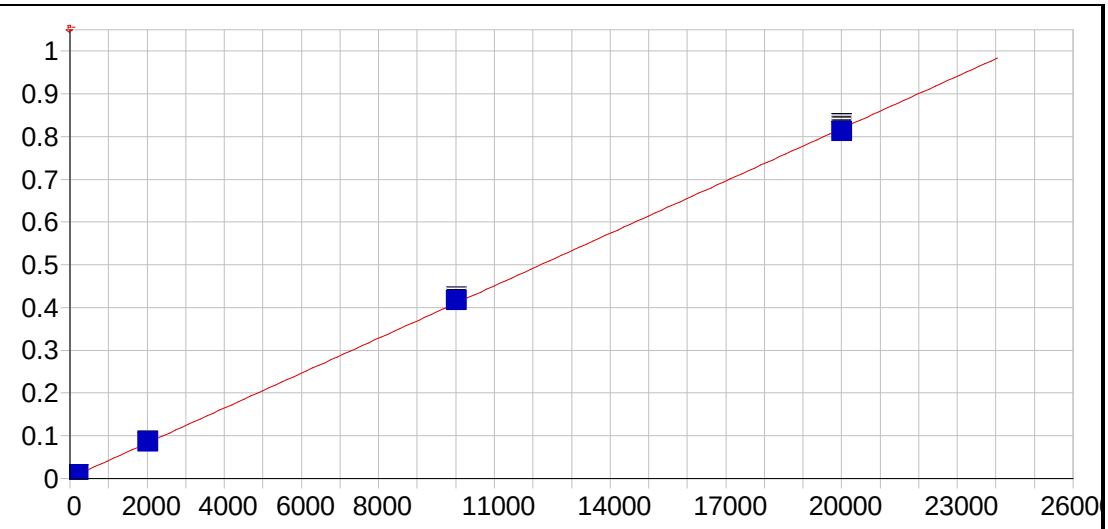


Y 371.030 { 91}*

Date of Fit:	5/2/2012 12:15:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	192.759705		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	6/28/2012 11:04:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001439	Re-Slope:	1.000000
A1 (Gain):	0.000041	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999838	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	24.145729		
Predicted MQL:	80.485765		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02496	.025	.000	.00144	.000	1
DCAL1	200.00	168.25	-31.8	-15.9	.00834	.000	1
DCAL2	2000.0	2054.1	54.1	2.71	.08681	.001	1
DCAL3	10000.	10161.	161.	1.61	.42382	.001	1
DCAL4	20000.	19816.	-184.	-.920	.82551	.004	1

Sample Name: CAL_BLK Acquired: 6/28/2012 10:46:36 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0003**	**-.0002**	**.0000**	**.0003**	**.0005**	**-.0076**
Stddev	.0006	.0001	.000	.0001	.0008	.0012
%RSD	186.1	26.14	139.9	29.46	172.0	15.43
#1	.0010	-.0002	.0000	.0004	-.0004	-.0090
#2	.0003	-.0002	-.0001	.0004	.0007	-.0070
#3	-.0002	-.0001	.0000	.0002	.0010	-.0069

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0011**	**-.0008**	**.0002**	**.0026**	**.0001**	**-.0125**
Stddev	.0002	.0000	.0001	.0001	.0001	.0015
%RSD	16.04	4.058	71.79	5.405	56.70	12.25
#1	-.0009	-.0009	.0004	.0026	.0002	-.0121
#2	-.0012	-.0008	.0001	.0024	.0000	-.0143
#3	-.0010	-.0008	.0002	.0027	.0001	-.0113

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0000**	**.0001**	**-.0003**	**-.0007**	**.0003**	**.0001**
Stddev	.0001	.0001	.0011	.0002	.0002	.0002
%RSD	154.3	97.21	323.5	28.36	71.77	109.9
#1	.0000	.0000	.0008	-.0008	.0001	.0003
#2	.0000	.0002	-.0014	-.0009	.0004	.0001
#3	.0001	.0001	-.0004	-.0005	.0003	.0000

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0001**	**-.0004**	**.0000**	**-.0001**	**.0005**	**.0001**
Stddev	.0001	.0001	.0001	.0003	.0001	.0002
%RSD	87.26	29.45	355.4	442.0	25.29	207.4
#1	.0003	-.0005	.0001	.0001	.0006	.0000
#2	.0001	-.0004	.0000	.0001	.0004	.0003
#3	.0001	-.0003	-.0001	-.0005	.0006	.0000

Sample Name: CAL_BLK Acquired: 6/28/2012 10:46:36 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0020	.0002	.0014
Stddev	.0000	.0016	.0004	.0005
%RSD	17.18	79.26	237.4	33.48
#1	.0002	-.0017	-.0003	.0009
#2	.0002	-.0037	.0004	.0019
#3	.0002	-.0006	.0004	.0015

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2326.9	25529.	3670.5
Stddev	5.1	81.	11.6
%RSD	.21935	.31824	.31592
#1	2332.3	25587.	3683.8
#2	2326.2	25436.	3663.3
#3	2322.1	25565.	3664.2

Sample Name: DCAL1 Acquired: 6/28/2012 10:50:19 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0085**	**.0002**	**.0037**	**.5565**	**.0095**	**.2942**
Stddev	.0009	.0001	.0001	.0015	.0001	.0011
%RSD	11.22	61.46	1.872	.2711	.5738	.3586
#1	.0078	.0001	.0037	.5573	.0095	.2936
#2	.0095	.0003	.0036	.5574	.0094	.2936
#3	.0080	.0003	.0037	.5547	.0094	.2954

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0154**	**.0615**	**.0030**	**.0063**	**.0017**	**.1474**
Stddev	.0002	.0004	.0000	.0010	.0000	.0015
%RSD	1.373	.6710	.9119	15.48	2.067	.9892
#1	.0155	.0620	.0029	.0062	.0017	.1491
#2	.0155	.0614	.0030	.0073	.0017	.1468
#3	.0151	.0612	.0029	.0054	.0017	.1464

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1497**	**.0186**	**.7073**	**.0395**	**.0017**	**.0010**
Stddev	.0003	.0001	.0047	.0002	.0003	.0004
%RSD	.2252	.6687	.6602	.3939	20.78	33.92
#1	.1500	.0187	.7020	.0397	.0018	.0014
#2	.1497	.0185	.7108	.0394	.0019	.0011
#3	.1493	.0187	.7092	.0395	.0013	.0007

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0005**	**.0007**	**.0162**	**.0420**	**.0146**	**.0171**
Stddev	.0002	.0002	.0001	.0002	.0002	.0001
%RSD	40.57	32.96	.6211	.4136	1.105	.4106
#1	.0008	.0006	.0162	.0421	.0145	.0170
#2	.0005	.0010	.0162	.0418	.0147	.0171
#3	.0004	.0007	.0164	.0421	.0145	.0172

Sample Name: DCAL1 Acquired: 6/28/2012 10:50:19 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0078	.1064	.0109	.0083
Stddev	.0000	.0012	.0003	.0000
%RSD	.2786	1.169	3.107	.4388
#1	.0078	.1073	.0110	.0083
#2	.0078	.1069	.0112	.0083
#3	.0078	.1050	.0106	.0084

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2318.4	25346.	3658.7
Stddev	1.7	30.	8.2
%RSD	.07323	.11945	.22410
#1	2317.8	25311.	3667.5
#2	2320.3	25360.	3651.2
#3	2317.1	25366.	3657.5

Sample Name: DCAL2 Acquired: 6/28/2012 10:54:01 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.219**	**.0373**	**.0924**	**5.448**	**.9169**	**1.467**
Stddev	.001	.0002	.0004	.007	.0055	.006
%RSD	.0880	.4444	.4019	.1350	.6041	.3849
#1	1.220	.0375	.0920	5.447	.9223	1.473
#2	1.219	.0372	.0925	5.456	.9171	1.464
#3	1.218	.0372	.0927	5.442	.9113	1.464

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.015**	**.6054**	**.2891**	**.3902**	**.1999**	**.3071**
Stddev	.001	.0009	.0008	.0024	.0005	.0016
%RSD	.0957	.1535	.2705	.6034	.2487	.5197
#1	1.014	.6062	.2882	.3928	.1993	.3089
#2	1.016	.6058	.2896	.3892	.2002	.3064
#3	1.015	.6044	.2894	.3885	.2001	.3059

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.7337**	**1.169**	**3.499**	**.4856**	**.4520**	**.0220**
Stddev	.0029	.003	.007	.0012	.0011	.0001
%RSD	.3902	.2185	.2135	.2548	.2399	.4733
#1	.7304	1.166	3.508	.4865	.4515	.0221
#2	.7350	1.172	3.495	.4861	.4533	.0219
#3	.7357	1.168	3.494	.4842	.4514	.0220

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0378**	**.0547**	**.1619**	**.6877**	**.0661**	**.4278**
Stddev	.0001	.0002	.0006	.0014	.0001	.0008
%RSD	.3673	.3983	.3484	.2094	.1920	.1896
#1	.0379	.0546	.1613	.6870	.0659	.4285
#2	.0377	.0550	.1621	.6893	.0662	.4280
#3	.0379	.0547	.1623	.6867	.0661	.4269

Sample Name: DCAL2 Acquired: 6/28/2012 10:54:01 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0299	5.166	1.094	.0868
Stddev	.0001	.028	.003	.0006
%RSD	.2323	.5329	.2913	.7351
#1	.0298	5.195	1.092	.0861
#2	.0300	5.140	1.097	.0869
#3	.0299	5.164	1.091	.0874

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2292.4	24803.	3669.3
Stddev	4.4	85.	15.8
%RSD	.18989	.34092	.43136
#1	2293.8	24882.	3651.6
#2	2287.5	24813.	3674.5
#3	2295.8	24714.	3681.9

Sample Name: DCAL3 Acquired: 6/28/2012 10:57:28 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6.051**	**.1921**	**.4719**	**26.75**	**4.511**	**7.236**
Stddev	.005	.0002	.0011	.03	.007	.014
%RSD	.0847	.0878	.2227	.0997	.1497	.1986
#1	6.048	.1919	.4727	26.77	4.512	7.229
#2	6.049	.1921	.4722	26.72	4.503	7.227
#3	6.057	.1923	.4707	26.76	4.517	7.252

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4.982**	**2.939**	**1.439**	**1.918**	**.9812**	**1.636**
Stddev	.003	.003	.001	.004	.0011	.004
%RSD	.0673	.1113	.0920	.2149	.1141	.2179
#1	4.982	2.942	1.440	1.920	.9800	1.634
#2	4.978	2.936	1.440	1.913	.9813	1.634
#3	4.984	2.939	1.437	1.921	.9822	1.640

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.709**	**5.761**	**17.50**	**2.354**	**2.186**	**.1120**
Stddev	.004	.002	.04	.002	.002	.0007
%RSD	.1001	.0297	.2550	.0794	.0756	.6281
#1	3.706	5.762	17.46	2.356	2.188	.1126
#2	3.713	5.759	17.51	2.355	2.186	.1122
#3	3.707	5.761	17.54	2.352	2.184	.1112

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1908**	**.2559**	**.8120**	**3.381**	**.3255**	**2.141**
Stddev	.0004	.0015	.0013	.004	.0002	.001
%RSD	.2170	.5874	.1602	.1140	.0750	.0672
#1	.1909	.2576	.8124	3.381	.3253	2.143
#2	.1903	.2554	.8131	3.377	.3255	2.140
#3	.1911	.2547	.8106	3.385	.3258	2.140

Sample Name: DCAL3 Acquired: 6/28/2012 10:57:28 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1456**	**25.76**	**5.473**	**.4238**
Stddev	.0001	.04	.007	.0006
%RSD	.0453	.1746	.1236	.1430
#1	.1455	25.74	5.469	.4245
#2	.1456	25.72	5.469	.4234
#3	.1456	25.81	5.481	.4236

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2174.1**	**23570.**	**3642.0**
Stddev	7.1	39.	11.6
%RSD	.32533	.16495	.31745
#1	2179.7	23579.	3655.2
#2	2176.4	23528.	3636.8
#3	2166.2	23604.	3633.9

Sample Name: DCAL4 Acquired: 6/28/2012 11:00:48 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.06**	**.3892**	**.9587**	**52.36**	**8.879**	**14.10**
Stddev	.02	.0010	.0011	.09	.012	.03
%RSD	.1631	.2625	.1101	.1676	.1312	.1850
#1	12.04	.3884	.9591	52.30	8.866	14.08
#2	12.06	.3904	.9595	52.46	8.883	14.09
#3	12.08	.3888	.9575	52.31	8.888	14.13

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9.769**	**5.762**	**2.840**	**3.793**	**1.921**	**3.315**
Stddev	.016	.013	.009	.010	.005	.013
%RSD	.1623	.2243	.2989	.2573	.2804	.3781
#1	9.762	5.762	2.847	3.787	1.926	3.302
#2	9.787	5.775	2.842	3.788	1.921	3.315
#3	9.757	5.749	2.831	3.804	1.915	3.327

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7.396**	**11.14**	**34.58**	**4.603**	**4.248**	**.2271**
Stddev	.022	.07	.05	.011	.005	.0007
%RSD	.2957	.6686	.1447	.2329	.1223	.3005
#1	7.416	11.19	34.56	4.603	4.248	.2272
#2	7.400	11.18	34.53	4.614	4.254	.2277
#3	7.373	11.06	34.63	4.592	4.243	.2263

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.3824**	**.4915**	**1.613**	**6.627**	**.6381**	**4.254**
Stddev	.0011	.0015	.004	.016	.0008	.009
%RSD	.2858	.3071	.2748	.2474	.1324	.2084
#1	.3824	.4928	1.618	6.622	.6376	4.248
#2	.3835	.4919	1.614	6.645	.6391	4.264
#3	.3813	.4898	1.609	6.613	.6377	4.251

Sample Name: DCAL4 Acquired: 6/28/2012 11:00:48 Type: Cal
Method: SW84606112012(v16) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2862	50.96	10.91	.8255
Stddev	.0010	.68	.03	.0039
%RSD	.3408	1.329	.2684	.4716
#1	.2865	50.86	10.89	.8241
#2	.2871	51.68	10.90	.8299
#3	.2852	50.33	10.94	.8225

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2084.6	22608.	3604.8
Stddev	6.7	48.	23.9
%RSD	.32101	.21351	.66419
#1	2092.3	22564.	3627.8
#2	2080.2	22600.	3606.5
#3	2081.3	22660.	3580.0

Sample Name: ICV Acquired: 6/28/2012 11:04:31 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125000.**	**2503.**	**1248.**	**10140.**	**990.5**	**124900.**
Stddev	168.	8.	1.	14.	.9	40.
%RSD	.1347	.3386	.0869	.1404	.0958	.0317
#1	124800.	2494.	1247.	10120.	989.5	124900.
#2	125000.	2504.	1248.	10140.	991.3	125000.
#3	125200.	2511.	1249.	10150.	990.9	124900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1271.**	**2509.**	**5049.**	**12470.**	**100300.**	**49270.**
Stddev	2.	2.	4.	20.	104.	64.
%RSD	.1371	.0857	.0864	.1567	.1033	.1303
#1	1270.	2507.	5045.	12450.	100200.	49210.
#2	1270.	2510.	5051.	12480.	100400.	49280.
#3	1273.	2511.	5053.	12480.	100300.	49340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124000.**	**5088.**	**123800.**	**2537.**	**7634.**	**1022.**
Stddev	190.	11.	120.	6.	15.	7.
%RSD	.1535	.2071	.0968	.2196	.1914	.7161
#1	123800.	5085.	124000.	2531.	7619.	1015.
#2	124100.	5099.	123800.	2538.	7635.	1020.
#3	124200.	5078.	123800.	2542.	7648.	1030.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 6/28/2012 11:04:31 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2456.**	**2573.**	**2490.**	**2501.**	**1017.**	**2543.**
Stddev	10.	3.	3.	4.	3.	1.
%RSD	.4208	.1112	.1105	.1526	.2841	.0515
#1	2446.	2570.	2487.	2497.	1014.	2541.
#2	2457.	2576.	2491.	2502.	1016.	2544.
#3	2466.	2573.	2492.	2505.	1020.	2543.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1005.**	**5006.**	**10070.**	**10060.**
Stddev	2.	5.	19.	49.
%RSD	.2247	.1027	.1872	.4909
#1	1007.	5002.	10050.	10000.
#2	1003.	5004.	10080.	10090.
#3	1007.	5012.	10080.	10080.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2173.0**	**23541.**	**3651.7**
Stddev	5.4	22.	1.9
%RSD	.24889	.09282	.05116
#1	2169.0	23528.	3651.2
#2	2170.9	23528.	3653.7
#3	2179.2	23566.	3650.1

Sample Name: CCB Acquired: 6/28/2012 11:07:52 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-28.37**	**2.468**	**-.1085**	**.4172**	**.0556**	**30.32**
Stddev	37.71	1.982	.5284	.3249	.0876	14.60
%RSD	132.9	80.32	487.0	77.88	157.6	48.16
#1	13.26	4.103	.0348	.7806	.1301	38.65
#2	-60.24	3.038	.3335	.3161	-.0409	13.46
#3	-38.13	.2632	-.6938	.1548	.0776	38.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1915**	**.2585**	**.0066**	**-5.050**	**14.33**	**205.8**
Stddev	.0431	.2620	.3947	4.120	5.32	113.1
%RSD	22.52	101.4	5936.	81.58	37.09	54.94
#1	.2227	.2723	.4598	-8.613	13.55	301.1
#2	.2096	.5133	-.2616	-.5386	9.456	235.6
#3	.1423	-.0101	-.1783	-5.999	20.00	80.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.83**	**.4701**	**76.41**	**.0473**	**-1.200**	**1.342**
Stddev	6.97	.4142	29.03	.4206	.501	2.376
%RSD	64.41	88.09	37.99	888.3	41.80	177.0
#1	16.83	.9443	109.9	.3111	-1.778	3.590
#2	12.48	.2873	60.24	.2686	-.9409	1.580
#3	3.176	.1789	59.06	-.4376	-.8804	-1.144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 11:07:52 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.576**	**.9482**	**.0992**	**.2791**	**3.103**	**3.221**
Stddev	.517	.6397	.6902	.1231	.826	.536
%RSD	32.78	67.47	695.4	44.10	26.60	16.63
#1	1.887	.2235	-.1826	.3947	4.035	3.824
#2	1.863	1.186	-.4054	.2930	2.813	3.035
#3	.9799	1.435	.8857	.1497	2.462	2.803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.4076**	**.5266**	**.6126**	**8.716**
Stddev	.8928	.4886	1.888	4.694
%RSD	219.0	92.79	308.2	53.86
#1	.9473	1.005	2.180	8.308
#2	-.6228	.5468	-1.483	4.239
#3	.8984	.0282	1.141	13.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2345.2**	**25759.**	**3728.1**
Stddev	8.8	116.	13.5
%RSD	.37383	.45057	.36146
#1	2340.5	25892.	3716.8
#2	2355.3	25685.	3743.0
#3	2339.8	25698.	3724.5

Sample Name: ICSA 1552029 Acquired: 6/28/2012 11:11:37 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**506700.**	**1.119**	**-1.329**	**-1.041**	**.2091**	**475900.**
Stddev	137.	3.381	.744	.299	.1851	2852.
%RSD	.0269	302.3	56.01	28.76	88.50	.5993
#1	506600.	3.455	-.8972	-.6955	.3723	473100.
#2	506700.	2.660	-2.188	-1.230	.2471	475700.
#3	506900.	-2.759	-.9008	-1.197	.0080	478800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.091**	**-.5241**	**-.4739**	**-5.213**	**199300.**	**-15.32**
Stddev	.065	.1000	.4818	2.913	494.	66.16
%RSD	5.982	19.09	101.7	55.89	.2479	431.8
#1	1.166	-.5890	-1.025	-8.403	199700.	-63.94
#2	1.047	-.4089	-.1324	-2.691	199600.	60.02
#3	1.060	-.5745	-.2643	-4.545	198800.	-42.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**516100.**	**-2.614**	**36.69**	**-.2049**	**-.1712**	**-1.002**
Stddev	3397.	.027	16.87	.2138	4.670	2.327
%RSD	.6582	1.042	45.98	104.3	2728.	232.2
#1	516200.	-2.591	17.45	-.0023	3.620	.7102
#2	519500.	-2.606	48.95	-.4284	1.254	-.0649
#3	512700.	-2.644	43.67	-.1841	-5.388	-3.651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 6/28/2012 11:11:37 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1986**	**1.235**	**-4.313**	**4.090**	**3.458**	**-2.877**
Stddev	3.044	.147	.327	.187	1.054	.589
%RSD	1533.	11.93	7.570	4.581	30.47	20.48
#1	1.242	1.364	-4.689	3.884	4.289	-2.731
#2	1.857	1.266	-4.107	4.250	3.814	-3.525
#3	-3.695	1.075	-4.142	4.137	2.273	-2.374
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.409**	**.0573**	**-3.466**	**-18.10**
Stddev	1.081	.2986	1.433	20.81
%RSD	76.70	520.9	41.34	115.0
#1	2.202	.3630	-5.098	-41.76
#2	1.848	.0428	-2.413	-9.927
#3	.1779	-.2338	-2.887	-2.613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2093.6**	**22273.**	**3625.8**
Stddev	10.6	95.	24.8
%RSD	.50467	.42848	.68463
#1	2103.9	22383.	3653.6
#2	2094.2	22216.	3617.6
#3	2082.8	22219.	3606.0

Sample Name: ICSAB 1552027 Acquired: 6/28/2012 11:15:25 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**501800.**	**97.88**	**103.8**	**97.28**	**97.83**	**478100.**
Stddev	1209.	3.75	1.1	.38	.36	1329.
%RSD	.2408	3.837	1.101	.3935	.3678	.2779
#1	503200.	94.69	104.9	97.60	98.01	478500.
#2	500800.	96.93	102.7	97.38	97.41	476600.
#3	501600.	102.0	103.9	96.85	98.06	479100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.33**	**94.37**	**96.89**	**97.27**	**195600.**	**10260.**
Stddev	.31	.32	1.05	4.66	372.	89.
%RSD	.3196	.3411	1.083	4.793	.1903	.8648
#1	96.54	94.43	96.26	102.4	195700.	10310.
#2	96.47	94.65	98.10	93.35	196000.	10160.
#3	95.98	94.02	96.32	96.04	195300.	10310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**503600.**	**96.50**	**10620.**	**92.56**	**97.13**	**90.23**
Stddev	1416.	.34	16.	.94	2.51	3.07
%RSD	.2812	.3547	.1465	1.019	2.586	3.399
#1	502400.	96.11	10630.	93.17	94.48	89.99
#2	505200.	96.71	10620.	93.04	99.47	93.40
#3	503400.	96.69	10600.	91.47	97.43	87.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1552027 Acquired: 6/28/2012 11:15:25 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**97.75**	**94.20**	**93.20**	**93.14**	**98.47**	**93.16**
Stddev	7.81	3.27	.48	.55	.60	.13
%RSD	7.995	3.470	.5183	.5853	.6116	.1444
#1	103.0	94.50	93.29	93.56	98.22	93.13
#2	101.4	90.79	93.63	93.34	99.16	93.30
#3	88.77	97.31	92.67	92.52	98.04	93.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**98.50**	**101.0**	**94.96**	**75.64**
Stddev	.44	.3	.65	11.95
%RSD	.4469	.3346	.6895	15.79
#1	98.81	100.6	94.46	88.61
#2	98.68	101.3	94.71	65.08
#3	97.99	101.1	95.70	73.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2084.6**	**22131.**	**3561.1**
Stddev	1.7	63.	21.3
%RSD	.08363	.28373	.59730
#1	2086.6	22198.	3536.6
#2	2083.2	22073.	3571.9
#3	2084.2	22123.	3574.8

Sample Name: INT-10 1552031 Acquired: 6/28/2012 11:19:05 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-13.31**	**-1.786**	**-7.259**	**.7811**	**-1.260**	**59.54**
Stddev	67.82	.288	.403	.0507	.121	51.74
%RSD	509.4	16.13	5.551	6.485	9.625	86.90
#1	63.97	-2.101	-7.721	.7272	-1.212	119.3
#2	-40.99	-1.724	-7.077	.8276	-1.170	31.22
#3	-62.93	-1.534	-6.980	.7886	-1.398	28.13
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4468**	**10240.**	**10000.**	**-6.518**	**10.48**	**75.54**
Stddev	.0753	12.	7.2	4.053	30.41	62.16
%RSD	16.86	.1190	.0716	62.19	290.1	82.29
#1	-.3954	10240.	10010.	-1.931	44.36	147.0
#2	-.5332	10250.	10000.	-8.007	-14.47	33.69
#3	-.4117	10230.	9992.	-9.616	1.563	45.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**69.99**	**10080.**	**92.00**	**10350.**	**-5.580**	**-6.830**
Stddev	28.45	29.	6.25	14.	.533	3.125
%RSD	40.64	.2895	6.791	.1328	9.554	45.76
#1	101.4	10090.	96.68	10350.	-5.140	-4.668
#2	62.66	10040.	94.41	10370.	-5.427	-5.407
#3	45.93	10100.	84.91	10340.	-6.173	-10.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1552031 Acquired: 6/28/2012 11:19:05 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-6.317**	**-3.289**	**4916.**	**-5.756**	**7.087**	**5092.**
Stddev	3.222	1.158	4.	.138	1.646	8.
%RSD	51.01	35.21	.0830	2.404	23.22	.1534
#1	-9.583	-1.966	4919.	-5.597	7.273	5092.
#2	-3.141	-3.782	4917.	-5.819	8.632	5100.
#3	-6.227	-4.119	4911.	-5.852	5.356	5084.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10220.**	**9873.**	**9913.**	**10320.**
Stddev	24.	120.	6.	353.
%RSD	.2318	1.217	.0596	3.418
#1	10220.	9840.	9914.	9962.
#2	10250.	10010.	9919.	10320.
#3	10200.	9773.	9907.	10670.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2328.8**	**25793.**	**3705.4**
Stddev	4.3	32.	24.1
%RSD	.18613	.12259	.64968
#1	2332.6	25762.	3680.0
#2	2329.7	25792.	3708.5
#3	2324.1	25825.	3727.8

Sample Name: 460-41730-a-17-f du@ Acquired: 6/28/2012 11:22:56 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17120.**	**20.62**	**138.8**	**2976.**	**.2463**	**26810.**
Stddev	29.	2.44	1.3	7.	.1116	101.
%RSD	.1673	11.83	.9592	.2238	45.32	.3757
#1	17150.	23.43	139.0	2982.	.2740	26830.
#2	17100.	19.39	137.3	2978.	.3414	26700.
#3	17110.	19.05	139.9	2969.	.1234	26890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.74**	**11.95**	**94.15**	**1618.**	**41300.**	**3494.**
Stddev	.21	.61	.87	5.	129.	31.
%RSD	.7056	5.104	.9270	.3328	.3123	.8793
#1	29.92	12.62	95.02	1612.	41430.	3522.
#2	29.80	11.82	94.14	1622.	41300.	3461.
#3	29.51	11.42	93.28	1619.	41170.	3498.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8394.**	**332.7**	**258.4**	**63.40**	**1471.**	**1.344**
Stddev	16.	1.0	6.9	.89	4.	2.714
%RSD	.1858	.3103	2.674	1.406	.2904	201.9
#1	8402.	333.8	250.8	63.65	1473.	2.960
#2	8405.	332.4	260.4	64.15	1475.	2.861
#3	8376.	331.9	264.2	62.41	1467.	-1.789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-17-f du@ Acquired: 6/28/2012 11:22:56 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.809**	**1.693**	**53.20**	F **6431.**	**22.17**	**13.97**
Stddev	3.452	2.205	1.15	17.	1.20	2.22
%RSD	190.8	130.2	2.151	.2608	5.419	15.88
#1	5.719	1.716	53.16	6445.	21.59	16.34
#2	.5258	3.886	54.36	6436.	21.37	13.61
#3	-.8178	-.5236	52.07	6412.	23.55	11.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**527.4**	**95.81**	**1036.**	**867.9**
Stddev	2.7	.92	5.	22.9
%RSD	.5212	.9553	.5213	2.637
#1	528.3	96.86	1042.	869.7
#2	529.5	95.43	1034.	889.8
#3	524.3	95.15	1032.	844.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2359.3**	**25936.**	**3836.9**
Stddev	8.1	101.	14.4
%RSD	.34321	.39103	.37495
#1	2350.0	25820.	3832.5
#2	2363.4	25983.	3853.0
#3	2364.5	26006.	3825.2

Sample Name: 460-41730-a-17-e@4 Acquired: 6/28/2012 11:26:30 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17120.**	**21.52**	**121.9**	**2579.**	**.5011**	**31180.**
Stddev	51.	.69	1.2	5.	.1655	153.
%RSD	.2992	3.225	.9766	.1907	33.02	.4915
#1	17080.	22.31	121.5	2577.	.6583	31010.
#2	17180.	21.00	121.0	2584.	.5165	31310.
#3	17110.	21.25	123.3	2575.	.3285	31210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32.63**	**12.32**	**77.72**	**1552.**	**42420.**	**3210.**
Stddev	.05	.22	.29	8.	80.	41.
%RSD	.1480	1.773	.3764	.5137	.1876	1.277
#1	32.67	12.23	77.59	1548.	42360.	3204.
#2	32.66	12.57	77.50	1547.	42510.	3254.
#3	32.58	12.17	78.05	1561.	42390.	3173.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8947.**	**367.3**	**267.4**	**62.46**	**1175.**	**4.077**
Stddev	22.	1.5	14.7	.32	5.	1.842
%RSD	.2479	.4169	5.484	.5186	.4121	45.18
#1	8966.	365.5	258.6	62.12	1177.	6.065
#2	8952.	368.0	284.3	62.49	1178.	3.739
#3	8923.	368.3	259.2	62.77	1169.	2.427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-17-e@4 Acquired: 6/28/2012 11:26:30 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.045**	**.6942**	**50.31**	F **6419.**	**18.32**	**6.908**
Stddev	2.407	.5924	.25	13.	1.17	.265
%RSD	34.17	85.34	.4938	.1979	6.388	3.834
#1	5.297	.0148	50.22	6426.	17.45	6.634
#2	6.047	1.103	50.59	6428.	19.65	7.163
#3	9.791	.9644	50.12	6405.	17.86	6.928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**449.0**	**97.20**	**1003.**	**762.9**
Stddev	1.2	.51	1.	29.5
%RSD	.2708	.5273	.1355	3.870
#1	449.5	96.62	1001.	779.3
#2	450.0	97.57	1004.	728.8
#3	447.7	97.42	1003.	780.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2357.9**	**25994.**	**3790.7**
Stddev	3.7	55.	3.2
%RSD	.15848	.21115	.08425
#1	2353.6	25973.	3791.2
#2	2360.2	25953.	3787.2
#3	2359.9	26056.	3793.6

Sample Name: sd 460-41730-a-17-e@ Acquired: 6/28/2012 11:30:03 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3364.**	**3.038**	**23.49**	**512.9**	**.0892**	**6142.**
Stddev	14.	.960	.88	.3	.1848	31.
%RSD	.4031	31.59	3.765	.0534	207.1	.5009
#1	3362.	2.742	24.50	513.0	.0179	6176.
#2	3378.	4.111	22.89	513.2	-.0493	6116.
#3	3351.	2.262	23.08	512.7	.2991	6134.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.537**	**2.654**	**14.71**	**302.9**	**8510.**	**605.9**
Stddev	.027	.013	.34	2.5	27.	37.9
%RSD	.4160	.4816	2.278	.8162	.3179	6.255
#1	6.558	2.669	15.07	300.6	8509.	628.4
#2	6.506	2.646	14.41	305.5	8537.	562.2
#3	6.547	2.648	14.64	302.6	8483.	627.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1820.**	**73.61**	**66.43**	**12.73**	**237.5**	**-.0706**
Stddev	8.	.21	12.79	.23	1.5	2.201
%RSD	.4523	.2826	19.25	1.826	.6336	3119.
#1	1811.	73.85	80.94	12.98	239.2	2.471
#2	1821.	73.51	56.79	12.53	236.4	-1.306
#3	1828.	73.47	61.57	12.67	236.9	-1.377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41730-a-17-e@ Acquired: 6/28/2012 11:30:03 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2832	-.5723	9.784	1286.	3.479	1.006
Stddev	4.517	1.049	.295	2.	1.368	.150
%RSD	1595.	183.2	3.020	.1761	39.32	14.95
#1	-3.843	.4273	9.840	1287.	4.810	.9925
#2	5.109	-.4802	9.464	1287.	2.077	1.163
#3	-.4168	-1.664	10.05	1283.	3.551	.8634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	89.03	19.29	196.6	145.4
Stddev	.71	.16	1.5	16.3
%RSD	.8029	.8202	.7773	11.18
#1	88.49	19.37	197.3	163.9
#2	89.84	19.11	194.9	133.5
#3	88.76	19.40	197.8	138.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2374.7	26220.	3745.8
Stddev	1.6	28.	9.5
%RSD	.06576	.10495	.25369
#1	2375.1	26251.	3749.3
#2	2372.9	26202.	3753.1
#3	2375.9	26206.	3735.1

Sample Name: 460-41730-e-17-c ms@ Acquired: 6/28/2012 11:33:41 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20290.**	**955.6**	**133.1**	**3472.**	**25.00**	**48790.**
Stddev	69.	2.2	.7	5.	.42	89.
%RSD	.3404	.2343	.5268	.1549	1.698	.1820
#1	20210.	957.7	133.9	3469.	24.72	48700.
#2	20340.	955.7	133.1	3478.	24.80	48800.
#3	20320.	953.3	132.5	3468.	25.49	48870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.49**	**265.2**	**179.1**	**1497.**	**44180.**	**12850.**
Stddev	.17	.6	.8	7.	20.	20.
%RSD	.3084	.2237	.4601	.4757	.0453	.1577
#1	54.48	264.9	178.5	1496.	44200.	12850.
#2	54.66	265.8	178.7	1490.	44170.	12870.
#3	54.32	264.8	180.0	1504.	44170.	12830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24230.**	**675.4**	**10030.**	**315.2**	**1408.**	**201.4**
Stddev	45.	1.1	78.	1.4	2.	3.1
%RSD	.1846	.1561	.7778	.4412	.1411	1.515
#1	24190.	675.3	9936.	314.9	1409.	200.0
#2	24230.	676.5	10070.	316.8	1409.	204.9
#3	24280.	674.4	10070.	314.1	1405.	199.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-17-c ms@ Acquired: 6/28/2012 11:33:41 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**932.1**	**1056.**	**294.2**	F **6503.**	**264.1**	**250.2**
Stddev	1.6	6.	1.2	14.	.3	.5
%RSD	.1665	.5771	.4215	.2116	.0947	.1976
#1	933.9	1053.	294.0	6503.	263.9	250.7
#2	931.4	1063.	295.5	6516.	264.4	250.2
#3	931.0	1052.	293.1	6489.	264.1	249.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**686.3**	**341.7**	**1383.**	**1574.**
Stddev	2.6	.2	3.	27.
%RSD	.3813	.0721	.1964	1.746
#1	686.7	341.8	1381.	1573.
#2	688.8	341.4	1386.	1547.
#3	683.6	341.9	1382.	1602.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2339.3**	**25591.**	**3817.5**
Stddev	8.8	73.	26.6
%RSD	.37477	.28678	.69757
#1	2329.6	25511.	3794.8
#2	2341.4	25606.	3810.8
#3	2346.8	25655.	3846.8

Sample Name: pds 460-41730-a-17-e Acquired: 6/28/2012 11:37:08 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18560.**	**1886.**	**168.1**	**4497.**	**48.85**	**49390.**
Stddev	56.	5.	.7	3.	.13	130.
%RSD	.3035	.2537	.3943	.0584	.2664	.2640
#1	18490.	1890.	167.3	4498.	48.82	49290.
#2	18600.	1887.	168.5	4499.	49.00	49340.
#3	18580.	1881.	168.3	4494.	48.74	49540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**81.35**	**510.6**	**273.4**	**1721.**	**42640.**	**21490.**
Stddev	.23	1.4	1.1	9.	107.	42.
%RSD	.2797	.2804	.3981	.5151	.2507	.1954
#1	81.58	511.8	274.7	1711.	42530.	21440.
#2	81.33	511.0	272.7	1727.	42650.	21500.
#3	81.13	509.0	272.9	1727.	42750.	21520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27400.**	**855.4**	**19360.**	**561.1**	**1641.**	**458.6**
Stddev	65.	1.1	18.	1.5	6.	3.3
%RSD	.2360	.1248	.0930	.2695	.3449	.7189
#1	27460.	855.6	19350.	562.2	1635.	461.3
#2	27400.	854.2	19350.	561.8	1640.	459.6
#3	27330.	856.3	19380.	559.4	1646.	454.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41730-a-17-e Acquired: 6/28/2012 11:37:08 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1852.**	**2072.**	**528.4**	F **6797.**	**502.7**	**494.0**
Stddev	6.	3.	2.0	14.	1.1	.7
%RSD	.3088	.1299	.3709	.2079	.2128	.1503
#1	1857.	2075.	530.7	6781.	503.3	494.0
#2	1853.	2070.	527.4	6803.	503.4	494.8
#3	1846.	2072.	527.2	6807.	501.5	493.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**931.5**	**565.9**	**1475.**	**847.9**
Stddev	3.3	.1	5.	27.1
%RSD	.3521	.0126	.3333	3.191
#1	928.1	565.9	1472.	818.2
#2	934.6	565.9	1472.	854.5
#3	931.8	566.0	1480.	871.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2327.3**	**25435.**	**3815.5**
Stddev	4.3	114.	11.4
%RSD	.18448	.44881	.29831
#1	2323.0	25307.	3803.6
#2	2331.6	25472.	3826.2
#3	2327.4	25526.	3816.6

Sample Name: 460-41753-b-1-a@4 Acquired: 6/28/2012 11:40:30 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**71230.**	**20.80**	**-1.686**	**240.0**	**2.955**	**1444.**
Stddev	86.	1.49	.524	.7	.054	18.
%RSD	.1206	7.178	31.11	.3117	1.836	1.236
#1	71190.	22.33	-1.326	240.8	2.900	1434.
#2	71330.	19.34	-2.288	239.9	3.009	1434.
#3	71170.	20.72	-1.444	239.3	2.956	1465.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9314**	**90.73**	**60.07**	**21.72**	F **280300.**	**219.1**
Stddev	.1323	.43	.33	3.37	382.	50.5
%RSD	14.21	.4751	.5454	15.52	.1362	23.04
#1	1.080	91.20	59.93	18.21	280200.	262.9
#2	.8268	90.34	59.83	24.94	280800.	230.6
#3	.8873	90.66	60.44	22.01	280000.	163.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1503.**	**6584.**	**611.5**	**39.06**	**58.02**	**-4.234**
Stddev	6.	42.	1.5	.48	.84	1.496
%RSD	.3933	.6418	.2495	1.236	1.443	35.32
#1	1498.	6590.	612.0	39.60	57.05	-3.950
#2	1501.	6623.	609.8	38.68	58.55	-5.852
#3	1509.	6539.	612.7	38.89	58.45	-2.901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41753-b-1-a@4 Acquired: 6/28/2012 11:40:30 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.775**	**3.158**	**80.16**	**77.94**	**3.701**	**-1.284**
Stddev	.410	.312	.39	.51	.901	.043
%RSD	14.78	9.890	.4827	.6520	24.34	3.355
#1	2.311	3.512	79.81	78.53	2.911	-1.328
#2	3.088	2.921	80.10	77.69	4.682	-1.281
#3	2.927	3.041	80.57	77.61	3.511	-1.242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.864**	**51.82**	**659.0**	**1065.**
Stddev	.133	.08	1.5	14.
%RSD	2.734	.1500	.2209	1.272
#1	5.005	51.74	657.5	1051.
#2	4.741	51.89	660.4	1078.
#3	4.845	51.85	659.0	1064.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2372.1**	**25808.**	**3809.4**
Stddev	10.0	120.	23.4
%RSD	.42022	.46614	.61392
#1	2362.9	25680.	3789.8
#2	2370.7	25827.	3803.2
#3	2382.7	25918.	3835.3

Sample Name: lcssrm 460-117761/2- Acquired: 6/28/2012 11:44:13 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29140.**	**1090.**	**214.6**	**1188.**	**442.7**	**33170.**
Stddev	179.	8.	.6	3.	2.4	165.
%RSD	.6155	.7025	.2662	.2323	.5436	.4961
#1	29210.	1082.	214.0	1187.	443.3	33270.
#2	29280.	1092.	214.6	1191.	444.8	33270.
#3	28940.	1097.	215.1	1186.	440.1	32980.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**941.4**	**899.0**	**612.4**	**590.8**	**55070.**	**10520.**
Stddev	2.4	2.7	1.0	5.5	94.	97.
%RSD	.2530	.3005	.1679	.9287	.1708	.9234
#1	939.8	898.7	613.5	586.1	55030.	10630.
#2	944.1	901.9	611.9	596.8	55180.	10470.
#3	940.3	896.5	611.6	589.5	55000.	10460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12050.**	**1635.**	**2452.**	**598.0**	**508.3**	**879.3**
Stddev	19.	3.	14.	1.6	1.9	2.2
%RSD	.1584	.1535	.5610	.2639	.3740	.2452
#1	12030.	1636.	2461.	597.7	506.1	878.4
#2	12060.	1638.	2460.	599.7	509.2	881.7
#3	12060.	1633.	2436.	596.6	509.6	877.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117761/2- Acquired: 6/28/2012 11:44:13 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**503.1**	**828.5**	**553.6**	**859.1**	**547.0**	**480.1**
Stddev	5.4	4.3	1.2	2.2	1.6	.2
%RSD	1.075	.5187	.2216	.2526	.2993	.0424
#1	509.2	823.9	552.5	858.2	545.3	480.2
#2	498.8	829.1	554.9	861.6	548.5	480.3
#3	501.2	832.4	553.5	857.5	547.4	479.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**529.1**	**606.4**	**878.1**	**1609.**
Stddev	.7	1.7	4.7	49.
%RSD	.1413	.2769	.5399	3.029
#1	529.0	606.4	881.7	1652.
#2	529.9	608.0	879.9	1619.
#3	528.4	604.7	872.7	1556.
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2437.5**	**26676.**	**3930.1**
Stddev	7.7	58.	37.2
%RSD	.31718	.21637	.94676
#1	2436.9	26662.	3900.1
#2	2430.1	26626.	3918.5
#3	2445.5	26739.	3971.7

Sample Name: CCV Acquired: 6/28/2012 11:47:40 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124600.**	**2486.**	**1241.**	**10100.**	**981.3**	**124000.**
Stddev	433.	3.	1.	11.	3.3	471.
%RSD	.3476	.1161	.1162	.1070	.3336	.3802
#1	124300.	2483.	1243.	10110.	979.4	123600.
#2	125100.	2489.	1241.	10090.	985.1	124500.
#3	124500.	2486.	1240.	10100.	979.5	123800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1266.**	**2493.**	**5011.**	**12430.**	**99920.**	**48940.**
Stddev	2.	2.	11.	60.	171.	245.
%RSD	.1813	.0852	.2120	.4860	.1707	.5006
#1	1269.	2496.	5023.	12380.	100100.	48750.
#2	1265.	2492.	5003.	12500.	99750.	49210.
#3	1265.	2492.	5007.	12410.	99900.	48850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123400.**	**5060.**	**124300.**	**2514.**	**7586.**	**1017.**
Stddev	325.	4.	510.	5.	11.	1.
%RSD	.2633	.0816	.4103	.1910	.1465	.1062
#1	123800.	5060.	123900.	2519.	7599.	1018.
#2	123300.	5056.	124800.	2512.	7578.	1016.
#3	123200.	5065.	124000.	2510.	7583.	1016.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 11:47:40 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2438.**	**2557.**	**2475.**	**2494.**	**1002.**	**2537.**
Stddev	12.	6.	4.	3.	4.	2.
%RSD	.4964	.2426	.1514	.1357	.3980	.0950
#1	2442.	2556.	2479.	2498.	1005.	2539.
#2	2448.	2563.	2471.	2492.	1005.	2534.
#3	2424.	2551.	2476.	2492.	997.8	2537.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1002.**	**4984.**	**10080.**	**9963.**
Stddev	2.	16.	38.	47.
%RSD	.1507	.3197	.3731	.4696
#1	1001.	4975.	10070.	9995.
#2	1003.	5002.	10130.	9909.
#3	1004.	4974.	10060.	9984.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2178.4**	**23579.**	**3652.8**
Stddev	3.8	22.	29.7
%RSD	.17590	.09472	.81432
#1	2177.6	23583.	3686.4
#2	2182.6	23600.	3629.9
#3	2175.1	23556.	3642.0

Sample Name: CCB Acquired: 6/28/2012 11:50:58 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-8.136**	**2.002**	**-.0297**	**.2088**	**.0532**	**17.57**
Stddev	11.45	1.609	.3371	.4505	.2105	11.70
%RSD	140.7	80.34	1135.	215.7	395.3	66.59
#1	4.492	1.482	.2772	.7187	.2897	17.56
#2	-11.06	3.807	-.3906	.0431	-.1137	5.877
#3	-17.84	.7180	.0242	-.1353	-.0162	29.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0883**	**.3933**	**-.0540**	**-2.065**	**24.23**	**58.28**
Stddev	.1384	.2605	.3371	4.006	7.18	94.34
%RSD	156.6	66.23	624.0	194.0	29.64	161.9
#1	.2436	.5382	.3333	2.547	30.43	159.1
#2	-.0218	.5491	-.2135	-4.682	25.89	-27.87
#3	.0432	.0926	-.2818	-4.060	16.36	43.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.81**	**.4534**	**56.34**	**.2803**	**.3205**	**-1.108**
Stddev	11.19	.3625	33.47	.1736	1.354	.839
%RSD	94.76	79.97	59.40	61.94	422.5	75.73
#1	24.00	.8690	93.34	.4085	.1187	-1.201
#2	9.418	.2022	28.19	.0827	1.764	-.2259
#3	2.008	.2889	47.48	.3498	-.9214	-1.896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 11:50:58 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.070**	**2.594**	**.1202**	**.3613**	**1.131**	**2.271**
Stddev	.629	1.027	.2232	.0947	1.476	.634
%RSD	58.80	39.58	185.7	26.22	130.5	27.92
#1	-.3551	1.439	.3705	.4701	2.636	2.874
#2	-1.315	3.403	.0481	.2973	1.074	2.331
#3	-1.540	2.939	-.0581	.3165	-.3156	1.610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1859**	**.5947**	**2.827**	**5.653**
Stddev	.8042	.5339	2.863	12.45
%RSD	432.7	89.78	101.3	220.2
#1	-.8225	1.135	4.952	-8.515
#2	-.4531	.5811	3.957	14.85
#3	.7180	.0677	-.4292	10.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2332.3**	**25718.**	**3662.8**
Stddev	3.4	48.	16.5
%RSD	.14606	.18618	.44955
#1	2329.0	25751.	3681.5
#2	2335.8	25740.	3656.0
#3	2332.2	25663.	3650.7

Sample Name: mb 460-117761/1-a@2 Acquired: 6/28/2012 11:54:44 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-12.30**	**1.492**	**-.7343**	**-.1662**	**.0495**	**28.42**
Stddev	12.69	.727	1.151	.1037	.0819	15.12
%RSD	103.1	48.72	156.7	62.41	165.3	53.18
#1	-22.05	1.518	.1309	-.1175	-.0292	12.72
#2	-16.89	2.206	-.2936	-.0958	.0436	29.68
#3	2.044	.7529	-2.040	-.2853	.1342	42.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0527**	**.2372**	**-.4825**	**-4.300**	**5.876**	**-5.260**
Stddev	.0806	.0942	.7646	8.131	1.522	60.15
%RSD	153.1	39.72	158.5	189.1	25.91	1144.
#1	-.1071	.3395	.3893	-4.942	6.823	64.12
#2	.0400	.2181	-.7976	-12.09	4.120	-42.83
#3	-.0908	.1540	-1.039	4.133	6.684	-37.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.291**	**.0060**	**30.97**	**.0133**	**-.3477**	**-.4009**
Stddev	2.833	.1572	6.32	.1963	.7526	2.731
%RSD	45.04	2640.	20.42	1479.	216.5	681.2
#1	7.550	.0201	37.74	.1336	.0668	2.593
#2	3.046	-.1579	25.23	-.2133	-1.216	-2.755
#3	8.276	.1557	29.92	.1195	.1067	-1.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117761/1-a@2 Acquired: 6/28/2012 11:54:44 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5019	.6321	.1359	.2921	2.555	.9233
Stddev	3.390	1.745	.2518	.1490	.976	.1244
%RSD	675.5	276.0	185.3	51.00	38.20	13.47
#1	3.175	-1.368	.4240	.1880	3.252	.9844
#2	1.642	1.424	.0259	.4627	2.975	1.005
#3	-3.311	1.841	-.0422	.2254	1.440	.7802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6164	.2265	1.298	18.50
Stddev	.1497	.1933	1.219	28.51
%RSD	24.28	85.34	93.91	154.1
#1	-.4527	.3488	1.833	20.91
#2	-.6503	.3269	2.159	-11.14
#3	-.7462	.0037	-.0969	45.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2259.5	25013.	3607.8
Stddev	10.0	460.	6.4
%RSD	.44378	1.8378	.17628
#1	2249.4	24490.	3615.2
#2	2259.7	25195.	3604.1
#3	2269.4	25353.	3604.2

Sample Name: 460-41771-a-1-a@4 Acquired: 6/28/2012 11:58:29 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**92000.**	**20.82**	**-1.354**	**195.3**	**2.559**	**7558.**
Stddev	184.	1.35	.579	.3	.136	35.
%RSD	.1994	6.475	42.77	.1317	5.295	.4638
#1	92210.	20.50	-.9857	195.3	2.489	7542.
#2	91890.	22.30	-2.022	195.6	2.716	7533.
#3	91890.	19.66	-1.055	195.1	2.474	7598.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.325**	**66.78**	**140.5**	**76.86**	**137800.**	**5061.**
Stddev	.129	.52	.0	1.74	390.	67.
%RSD	5.534	.7737	.0151	2.260	.2828	1.331
#1	2.236	67.37	140.5	75.10	138000.	5105.
#2	2.473	66.40	140.5	76.89	138000.	4984.
#3	2.267	66.57	140.5	78.57	137300.	5096.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30700.**	**910.1**	**137.4**	**54.02**	**691.8**	**-2.800**
Stddev	71.	1.4	12.2	.15	3.4	3.064
%RSD	.2313	.1569	8.890	.2807	.4854	109.4
#1	30760.	910.3	147.0	53.90	690.1	-6.311
#2	30720.	911.4	123.6	53.97	695.7	-.6717
#3	30620.	908.6	141.5	54.19	689.6	-1.417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-1-a@4 Acquired: 6/28/2012 11:58:29 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.902**	**-.1972**	**241.3**	**722.4**	**5.646**	**.1742**
Stddev	2.878	1.282	.6	1.1	.559	.3123
%RSD	151.3	650.4	.2518	.1491	9.908	179.3
#1	2.655	-.0947	241.0	723.5	6.292	-.1714
#2	4.329	1.031	242.0	722.3	5.339	.4361
#3	-1.278	-1.528	240.9	721.3	5.307	.2579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**9.645**	**44.15**	**2068.**	**990.5**
Stddev	1.302	.44	4.	19.0
%RSD	13.50	.9878	.1736	1.920
#1	8.536	44.57	2066.	968.5
#2	11.08	44.17	2072.	1001.
#3	9.320	43.70	2066.	1001.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2454.2**	**26662.**	**3937.9**
Stddev	7.1	93.	3.8
%RSD	.29036	.34770	.09614
#1	2461.3	26642.	3939.0
#2	2454.4	26581.	3941.1
#3	2447.1	26763.	3933.8

Sample Name: 460-41771-a-2-a@4 Acquired: 6/28/2012 12:02:00 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**87820.**	**24.66**	**-1.392**	**173.5**	**2.928**	**1507.**
Stddev	188.	1.92	.797	.5	.205	7.
%RSD	.2139	7.772	57.26	.2748	7.007	.4733
#1	87800.	26.45	-1.912	173.8	3.153	1499.
#2	87640.	24.90	-1.789	172.9	2.877	1512.
#3	88020.	22.64	-.4744	173.6	2.753	1510.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.815**	**24.36**	**100.3**	**81.36**	**93590.**	**2047.**
Stddev	.093	.27	.3	.07	81.	47.
%RSD	3.290	1.090	.2829	.0884	.0865	2.316
#1	2.762	24.66	100.5	81.28	93680.	2007.
#2	2.921	24.16	99.99	81.42	93550.	2036.
#3	2.761	24.25	100.4	81.38	93540.	2099.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10100.**	**709.3**	**128.5**	**49.73**	**250.8**	**-1.744**
Stddev	19.	1.3	17.8	.58	1.9	2.753
%RSD	.1928	.1832	13.82	1.172	.7692	157.8
#1	10090.	710.8	143.0	50.35	248.8	-1.781
#2	10090.	708.9	133.7	49.19	252.6	-4.479
#3	10120.	708.3	108.7	49.64	251.0	1.027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-2-a@4 Acquired: 6/28/2012 12:02:00 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6380**	**.8359**	**150.0**	**583.6**	**7.049**	**1.244**
Stddev	2.018	1.503	.1	.7	.468	.107
%RSD	316.4	179.8	.0916	.1282	6.645	8.633
#1	1.692	2.211	150.1	582.8	7.526	1.132
#2	-1.831	-.7689	149.9	584.0	6.589	1.347
#3	-1.775	1.065	149.9	584.1	7.031	1.253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**7.289**	**32.58**	**1229.**	**1190.**
Stddev	1.004	.11	1.	31.
%RSD	13.77	.3367	.1164	2.580
#1	8.074	32.69	1228.	1185.
#2	6.157	32.48	1231.	1224.
#3	7.636	32.56	1228.	1163.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2487.7**	**27134.**	**3991.9**
Stddev	2.2	33.	15.1
%RSD	.08788	.12059	.37814
#1	2485.2	27106.	3986.2
#2	2488.9	27125.	4009.0
#3	2489.1	27170.	3980.5

Sample Name: 460-41771-a-3-a@4 Acquired: 6/28/2012 12:05:34 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**89010.**	**17.14**	**-1.387**	**248.1**	**3.573**	**1775.**
Stddev	251.	.83	.275	.8	.058	17.
%RSD	.2820	4.838	19.86	.3051	1.620	.9463
#1	88840.	18.02	-1.422	247.4	3.633	1767.
#2	89300.	17.02	-1.643	248.9	3.568	1794.
#3	88900.	16.38	-1.096	248.2	3.518	1763.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.433**	**28.34**	**80.60**	**36.08**	**82660.**	**1749.**
Stddev	.086	.07	.10	2.95	60.	32.
%RSD	1.164	.2615	.1302	8.171	.0724	1.856
#1	7.345	28.42	80.48	33.38	82700.	1739.
#2	7.436	28.28	80.69	35.62	82590.	1785.
#3	7.518	28.32	80.62	39.23	82690.	1722.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9541.**	**1153.**	**113.1**	**46.73**	**96.26**	**-1.790**
Stddev	35.	1.	17.4	.11	1.33	.708
%RSD	.3640	.1199	15.39	.2322	1.383	39.55
#1	9511.	1154.	99.60	46.85	96.37	-1.008
#2	9534.	1152.	107.0	46.70	97.53	-2.388
#3	9579.	1154.	132.7	46.64	94.88	-1.973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-3-a@4 Acquired: 6/28/2012 12:05:34 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.033**	**-.2411**	**129.3**	**881.1**	**5.711**	**.4369**
Stddev	.706	.8436	.1	2.6	.428	.3583
%RSD	23.28	349.9	.0556	.2944	7.489	82.02
#1	3.719	-.5162	129.3	879.4	5.564	.1233
#2	2.308	-.9127	129.4	884.1	5.375	.8275
#3	3.070	.7057	129.3	879.7	6.192	.3599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.092**	**29.83**	**1215.**	**1230.**
Stddev	.768	.29	3.	10.
%RSD	24.83	.9858	.2333	.8001
#1	2.222	30.17	1213.	1223.
#2	3.379	29.64	1218.	1225.
#3	3.674	29.68	1213.	1241.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2573.5**	**27979.**	**4165.4**
Stddev	3.1	125.	11.6
%RSD	.12159	.44642	.27820
#1	2574.4	27882.	4158.7
#2	2570.0	28120.	4158.6
#3	2576.1	27934.	4178.7

Sample Name: 460-41771-a-4-a@4 Acquired: 6/28/2012 12:09:12 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**84700.**	**18.71**	**-1.133**	**206.0**	**3.254**	**1972.**
Stddev	100.	.76	.811	.5	.050	23.
%RSD	.1178	4.085	71.62	.2568	1.550	1.163
#1	84710.	18.77	-1.500	206.3	3.300	1958.
#2	84800.	19.43	-.2028	206.3	3.200	1999.
#3	84600.	17.91	-1.695	205.4	3.261	1960.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.906**	**28.10**	**77.53**	**34.68**	**84230.**	**1748.**
Stddev	.157	.11	.84	2.99	82.	67.
%RSD	4.023	.4053	1.085	8.629	.0974	3.849
#1	3.741	28.16	76.78	33.92	84170.	1819.
#2	3.923	28.17	78.44	32.14	84330.	1740.
#3	4.054	27.97	77.36	37.98	84210.	1685.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8755.**	**971.2**	**100.4**	**43.52**	**96.40**	**-2.344**
Stddev	8.	.4	16.7	.12	.70	2.696
%RSD	.0894	.0426	16.66	.2737	.7306	115.0
#1	8749.	971.2	81.20	43.54	95.69	-4.061
#2	8752.	971.7	108.7	43.40	97.09	.7638
#3	8764.	970.8	111.5	43.63	96.41	-3.734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-4-a@4 Acquired: 6/28/2012 12:09:12 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.447**	**-.6926**	**129.8**	**745.6**	**6.539**	**.8890**
Stddev	3.862	1.456	1.1	.5	.325	.2649
%RSD	157.8	210.2	.8198	.0639	4.972	29.80
#1	-.9250	.9592	131.1	746.2	6.178	.6508
#2	1.607	-1.247	129.1	745.6	6.629	.8419
#3	6.661	-1.790	129.4	745.2	6.809	1.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.546**	**27.38**	**1039.**	**1129.**
Stddev	1.034	.06	6.	19.
%RSD	29.15	.2254	.5313	1.643
#1	4.022	27.31	1038.	1115.
#2	2.360	27.40	1046.	1122.
#3	4.256	27.43	1035.	1150.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2559.5**	**27832.**	**4181.9**
Stddev	7.7	40.	8.7
%RSD	.30201	.14465	.20883
#1	2563.0	27854.	4184.9
#2	2564.8	27857.	4172.0
#3	2550.6	27785.	4188.7

Sample Name: 460-41771-a-5-a@4 Acquired: 6/28/2012 12:13:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96910.**	**25.87**	**-1.187**	**243.2**	**3.549**	**2114.**
Stddev	475.	1.27	.867	.5	.164	7.
%RSD	.4906	4.891	73.02	.2175	4.613	.3546
#1	96360.	24.50	-1.677	242.9	3.710	2120.
#2	97250.	26.11	-.1862	243.0	3.554	2105.
#3	97100.	26.99	-1.698	243.8	3.383	2116.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.290**	**31.91**	**201.3**	**62.15**	**104400.**	**2125.**
Stddev	.142	.17	.4	2.13	148.	58.
%RSD	6.183	.5265	.2008	3.431	.1419	2.709
#1	2.310	32.10	201.7	61.36	104200.	2067.
#2	2.139	31.80	201.3	60.53	104400.	2182.
#3	2.420	31.81	200.9	64.57	104500.	2127.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14460.**	**1121.**	**118.1**	**65.69**	**3916.**	**21.46**
Stddev	30.	5.	13.6	.41	5.	2.33
%RSD	.2076	.4742	11.51	.6263	.1253	10.85
#1	14480.	1116.	105.0	65.79	3913.	23.72
#2	14480.	1121.	117.2	65.24	3913.	19.07
#3	14430.	1126.	132.1	66.04	3921.	21.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-5-a@4 Acquired: 6/28/2012 12:13:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1803**	**-.2896**	**171.5**	**486.6**	**6.561**	**1.042**
Stddev	1.398	2.011	.3	1.2	.578	.155
%RSD	775.4	694.5	.1480	.2410	8.806	14.92
#1	.3723	1.670	171.2	485.5	7.224	1.213
#2	.8567	-2.348	171.6	486.4	6.167	.9091
#3	-1.770	-.1910	171.7	487.8	6.292	1.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10.23**	**37.18**	**1474.**	**1215.**
Stddev	.52	.20	7.	24.
%RSD	5.128	.5416	.4681	2.015
#1	10.79	36.95	1466.	1191.
#2	10.16	37.33	1478.	1214.
#3	9.752	37.25	1478.	1240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2504.8**	**27367.**	**4055.9**
Stddev	7.4	60.	25.3
%RSD	.29678	.22087	.62441
#1	2509.5	27368.	4085.1
#2	2508.8	27428.	4040.0
#3	2496.3	27307.	4042.7

Sample Name: 460-41771-a-6-a@4 Acquired: 6/28/2012 12:16:38 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**90760.**	**20.67**	**-1.413**	**263.3**	**3.633**	**1785.**
Stddev	459.	3.40	.607	.7	.107	19.
%RSD	.5054	16.44	42.98	.2575	2.937	1.039
#1	90250.	21.58	-1.089	262.5	3.601	1777.
#2	90890.	23.52	-2.113	263.4	3.546	1807.
#3	91140.	16.91	-1.036	263.8	3.752	1773.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.338**	**28.58**	**83.19**	**41.07**	**87320.**	**1630.**
Stddev	.023	.12	.69	2.29	391.	21.
%RSD	.6916	.4220	.8239	5.565	.4481	1.294
#1	3.311	28.49	82.40	42.42	86990.	1644.
#2	3.352	28.71	83.60	42.36	87210.	1606.
#3	3.350	28.53	83.57	38.43	87750.	1640.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9573.**	**897.8**	**123.9**	**50.31**	**72.36**	**.3304**
Stddev	48.	5.5	10.7	.09	.37	2.779
%RSD	.4970	.6171	8.633	.1862	.5129	841.2
#1	9522.	892.3	112.2	50.41	72.00	1.591
#2	9581.	897.6	126.1	50.31	72.34	2.256
#3	9616.	903.4	133.2	50.22	72.75	-2.856
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-6-a@4 Acquired: 6/28/2012 12:16:38 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.507**	**1.104**	**138.5**	**342.5**	**5.593**	**.5450**
Stddev	1.064	1.559	1.0	.5	1.089	.3564
%RSD	70.58	141.2	.7435	.1523	19.47	65.39
#1	1.974	2.685	137.7	343.0	5.731	.9558
#2	.2897	-.4312	138.1	342.6	6.606	.3184
#3	2.257	1.057	139.6	342.0	4.441	.3608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.456**	**30.84**	**1201.**	**1139.**
Stddev	.757	.21	3.	13.
%RSD	21.89	.6749	.2735	1.121
#1	3.457	30.61	1198.	1143.
#2	2.700	30.98	1200.	1149.
#3	4.213	30.94	1204.	1124.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2536.4**	**27614.**	**4048.8**
Stddev	11.0	37.	7.6
%RSD	.43430	.13482	.18752
#1	2523.8	27627.	4040.1
#2	2541.7	27572.	4052.1
#3	2543.9	27643.	4054.2

Sample Name: 460-41771-a-7-a@4 Acquired: 6/28/2012 12:20:14 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**86170.**	**23.24**	**-1.056**	**186.9**	**3.131**	**1322.**
Stddev	80.	.30	.415	.3	.114	18.
%RSD	.0923	1.277	39.27	.1579	3.627	1.366
#1	86090.	23.31	-.6483	186.7	3.154	1303.
#2	86180.	22.92	-1.042	187.2	3.008	1339.
#3	86250.	23.50	-1.477	186.7	3.232	1325.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.030**	**23.30**	**80.78**	**71.27**	**83160.**	**1633.**
Stddev	.046	.23	.63	5.06	115.	18.
%RSD	2.269	.9971	.7740	7.104	.1384	1.086
#1	1.991	23.24	80.92	69.16	83190.	1622.
#2	2.018	23.56	80.10	77.05	83030.	1624.
#3	2.081	23.11	81.32	67.61	83260.	1654.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8774.**	**634.4**	**82.15**	**45.23**	**121.6**	**-1.519**
Stddev	20.	1.0	7.99	.19	.7	1.394
%RSD	.2306	.1591	9.726	.4199	.5462	91.77
#1	8792.	634.8	91.06	45.06	120.8	-3.120
#2	8752.	633.3	75.63	45.44	122.1	-.8580
#3	8777.	635.2	79.76	45.21	121.9	-.5783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-7-a@4 Acquired: 6/28/2012 12:20:14 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.872**	**.2507**	**132.8**	**313.8**	**6.404**	**.9530**
Stddev	2.889	3.156	.7	.7	.580	.2539
%RSD	100.6	1259.	.4973	.2150	9.061	26.65
#1	4.997	3.763	133.6	313.3	6.833	1.221
#2	4.036	-.6647	132.4	314.6	5.744	.9224
#3	-.4168	-2.347	132.5	313.5	6.636	.7157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.178**	**27.84**	**1190.**	**1283.**
Stddev	.811	.24	3.	17.
%RSD	15.65	.8581	.2829	1.309
#1	5.268	27.84	1186.	1265.
#2	4.326	28.08	1193.	1299.
#3	5.939	27.60	1192.	1284.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2527.2**	**27692.**	**4061.0**
Stddev	8.8	69.	9.3
%RSD	.34980	.24818	.22962
#1	2535.3	27640.	4066.6
#2	2528.5	27770.	4066.1
#3	2517.7	27666.	4050.2

Sample Name: 460-41771-a-8-a@4 Acquired: 6/28/2012 12:23:50 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**78330.**	**21.42**	**-1.142**	**221.4**	**3.084**	**1832.**
Stddev	42.	2.02	.131	.5	.155	11.
%RSD	.0538	9.448	11.47	.2347	5.021	.6183
#1	78290.	21.41	-1.289	221.6	2.942	1839.
#2	78370.	23.45	-1.039	221.8	3.249	1819.
#3	78320.	19.40	-1.097	220.8	3.061	1838.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.733**	**39.59**	**69.51**	**46.37**	**87380.**	**1562.**
Stddev	.025	.18	.88	2.08	185.	63.
%RSD	1.412	.4620	1.271	4.488	.2113	4.040
#1	1.708	39.65	68.77	44.50	87260.	1491.
#2	1.736	39.39	70.49	48.62	87590.	1587.
#3	1.757	39.74	69.27	46.01	87290.	1610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8217.**	**2377.**	**85.06**	**45.69**	**127.9**	**-2.113**
Stddev	4.	5.	9.16	.47	2.3	2.582
%RSD	.0445	.1961	10.77	1.032	1.836	122.2
#1	8213.	2374.	95.63	46.23	130.0	-.2284
#2	8220.	2383.	79.46	45.48	128.3	-1.055
#3	8219.	2375.	80.08	45.35	125.3	-5.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41771-a-8-a@4 Acquired: 6/28/2012 12:23:50 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0529**	**-1.067**	**140.4**	**403.1**	**6.426**	**1.118**
Stddev	1.755	1.463	.7	1.5	.884	.208
%RSD	3320.	137.1	.5233	.3652	13.77	18.59
#1	-1.955	-1.479	139.6	404.1	5.490	.9114
#2	1.297	-2.280	140.6	403.8	6.540	1.116
#3	.8171	.5574	141.1	401.4	7.248	1.327
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.393**	**32.48**	**1097.**	**988.5**
Stddev	.738	.19	8.	9.1
%RSD	16.79	.5951	.7311	.9188
#1	3.571	32.42	1092.	981.2
#2	4.998	32.33	1107.	985.7
#3	4.609	32.70	1093.	998.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2473.2**	**27106.**	**3959.9**
Stddev	2.2	42.	8.5
%RSD	.08828	.15484	.21584
#1	2475.7	27090.	3950.4
#2	2472.3	27074.	3967.0
#3	2471.6	27153.	3962.4

Sample Name: 460-41772-a-1-a@4 Acquired: 6/28/2012 12:27:25 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**77650.**	**28.46**	**-.2237**	**481.9**	**3.242**	**2944.**
Stddev	183.	1.48	.3183	.6	.180	23.
%RSD	.2356	5.207	142.3	.1249	5.544	.7733
#1	77450.	26.75	-.2637	481.2	3.354	2921.
#2	77680.	29.17	-.5200	482.1	3.035	2967.
#3	77810.	29.45	.1127	482.3	3.338	2946.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.45**	**84.15**	**95.76**	**142.4**	**115700.**	**3578.**
Stddev	.08	.54	.19	3.6	261.	73.
%RSD	.3358	.6457	.1984	2.553	.2259	2.038
#1	22.54	83.83	95.77	144.8	115500.	3567.
#2	22.40	84.77	95.95	138.2	115700.	3511.
#3	22.41	83.84	95.57	144.1	116000.	3656.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24020.**	**4573.**	**102.0**	**91.02**	**367.4**	**-2.341**
Stddev	95.	10.	1.0	.55	1.2	2.621
%RSD	.3949	.2253	.9516	.6075	.3374	111.9
#1	23930.	4564.	102.6	91.00	366.2	-1.032
#2	24010.	4570.	100.9	91.59	368.7	-.6332
#3	24120.	4584.	102.6	90.48	367.4	-5.358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-1-a@4 Acquired: 6/28/2012 12:27:25 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3006**	**-.5702**	**143.4**	F **5855.**	**9.513**	**.4691**
Stddev	4.907	3.287	.4	8.	.582	.3020
%RSD	1632.	576.5	.3014	.1424	6.117	64.39
#1	5.136	-3.964	143.1	5846.	9.935	.1293
#2	.4410	-.3453	143.2	5859.	8.849	.7071
#3	-4.675	2.599	143.9	5862.	9.755	.5707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**3.197**	**39.22**	**897.5**	**914.7**
Stddev	.704	.14	1.5	9.8
%RSD	22.02	.3601	.1725	1.071
#1	2.458	39.07	895.7	904.0
#2	3.860	39.24	898.7	923.2
#3	3.274	39.35	898.0	917.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2495.0**	**27189.**	**3987.7**
Stddev	7.9	79.	7.9
%RSD	.31742	.28970	.19915
#1	2486.0	27100.	3989.3
#2	2498.1	27249.	3979.1
#3	2500.9	27218.	3994.7

Sample Name: CCV Acquired: 6/28/2012 12:30:58 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124500.**	**2474.**	**1240.**	**10070.**	**979.1**	**123900.**
Stddev	116.	8.	4.	17.	1.6	246.
%RSD	.0932	.3280	.3217	.1733	.1677	.1984
#1	124500.	2473.	1243.	10080.	981.0	124200.
#2	124600.	2466.	1242.	10050.	978.1	123900.
#3	124300.	2482.	1236.	10070.	978.2	123700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1259.**	**2479.**	**4976.**	**12510.**	**99550.**	**49010.**
Stddev	2.	4.	13.	51.	206.	83.
%RSD	.1735	.1632	.2530	.4057	.2068	.1691
#1	1261.	2483.	4962.	12550.	99340.	49080.
#2	1257.	2475.	4986.	12530.	99750.	49040.
#3	1258.	2479.	4979.	12450.	99560.	48920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122200.**	**5052.**	**124600.**	**2498.**	**7546.**	**1012.**
Stddev	431.	7.	309.	4.	10.	4.
%RSD	.3525	.1372	.2478	.1665	.1379	.3548
#1	121700.	5047.	124900.	2502.	7557.	1016.
#2	122500.	5060.	124600.	2494.	7536.	1011.
#3	122300.	5049.	124300.	2497.	7546.	1009.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 12:30:58 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2426.**	**2545.**	**2465.**	**2485.**	**997.3**	**2538.**
Stddev	2.	5.	4.	6.	3.3	6.
%RSD	.0963	.2008	.1770	.2426	.3274	.2443
#1	2429.	2551.	2460.	2492.	994.2	2544.
#2	2426.	2541.	2469.	2482.	997.1	2531.
#3	2424.	2543.	2466.	2480.	1001.	2538.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**999.7**	**4995.**	**10110.**	**9902.**
Stddev	3.9	7.	12.	55.
%RSD	.3857	.1471	.1219	.5562
#1	1004.	5002.	10120.	9843.
#2	996.0	4995.	10120.	9913.
#3	999.4	4988.	10100.	9951.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2173.2**	**23516.**	**3618.0**
Stddev	7.2	45.	10.5
%RSD	.32945	.19235	.28979
#1	2165.0	23568.	3606.0
#2	2177.2	23493.	3623.0
#3	2177.6	23486.	3625.1

Sample Name: CCB Acquired: 6/28/2012 12:34:18 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-17.20**	**2.111**	**-.5726**	**.4588**	**.2092**	**14.69**
Stddev	19.57	3.249	.7522	.4041	.1688	21.78
%RSD	113.7	153.9	131.4	88.08	80.70	148.2
#1	-11.20	4.945	-.6421	.9251	.3964	37.82
#2	-1.344	2.822	-1.288	.2388	.1625	11.67
#3	-39.07	-1.434	.2120	.2125	.0686	-5.416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0837**	**.3053**	**-.2777**	**-1.787**	**16.99**	**69.02**
Stddev	.0891	.4409	.2487	1.673	15.04	20.79
%RSD	106.5	144.4	89.56	93.59	88.55	30.13
#1	.1354	.8078	.0082	.0276	34.31	47.51
#2	-.0192	-.0167	-.4445	-3.267	9.485	70.53
#3	.1349	.1247	-.3968	-2.122	7.176	89.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.91**	**.5855**	**49.43**	**.4287**	**-.6305**	**-.7100**
Stddev	9.88	.3704	38.20	.5178	1.400	.7739
%RSD	90.62	63.27	77.29	120.8	222.1	109.0
#1	22.08	.9974	93.04	.7351	.7111	-1.464
#2	7.292	.4794	33.41	.7202	-.5194	-.7485
#3	3.338	.2797	21.85	-.1691	-2.083	.0825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 12:34:18 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.302	1.929	.3974	.6084	.2922	2.269
Stddev	2.459	2.936	.4216	.1675	.1820	.727
%RSD	188.9	152.2	106.1	27.53	62.26	32.03
#1	3.368	.8756	.8454	.7995	.2990	2.853
#2	-1.419	5.246	.0083	.4869	.4707	2.500
#3	1.957	-.3342	.3386	.5387	.1070	1.455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1453	.5453	2.175	1.288
Stddev	1.236	.6099	.240	18.30
%RSD	851.0	111.8	11.02	1421.
#1	-.0011	1.231	2.298	14.03
#2	1.013	.3416	2.329	9.520
#3	-1.448	.0634	1.899	-19.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2326.9	25697.	3655.4
Stddev	.5	83.	7.2
%RSD	.02125	.32321	.19644
#1	2327.5	25619.	3650.9
#2	2326.5	25686.	3663.7
#3	2326.7	25784.	3651.6

Sample Name: 460-41772-a-2-a@4 Acquired: 6/28/2012 12:38:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**83040.**	**38.83**	**-1.294**	**399.0**	**3.115**	**1722.**
Stddev	86.	.55	.661	.2	.121	7.
%RSD	.1030	1.416	51.05	.0485	3.885	.4212
#1	83030.	38.60	-1.174	398.9	2.993	1721.
#2	82950.	38.43	-2.007	398.9	3.235	1715.
#3	83120.	39.46	-.7018	399.3	3.118	1730.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.40**	**83.37**	**162.0**	**173.8**	**106000.**	**2684.**
Stddev	.07	.37	.2	3.3	163.	31.
%RSD	.5091	.4418	.1064	1.881	.1538	1.140
#1	13.33	83.76	161.9	172.6	105900.	2703.
#2	13.47	83.30	161.9	177.5	106200.	2649.
#3	13.41	83.04	162.2	171.4	106000.	2701.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16390.**	**5162.**	**69.59**	**84.69**	**2921.**	**2.563**
Stddev	61.	4.	18.27	.45	2.	1.400
%RSD	.3744	.0714	26.26	.5371	.0794	54.63
#1	16320.	5166.	83.72	84.39	2919.	1.386
#2	16400.	5161.	48.95	84.46	2922.	2.192
#3	16440.	5160.	76.09	85.21	2923.	4.111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-2-a@4 Acquired: 6/28/2012 12:38:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.076**	**-.4330**	**155.3**	**4195.**	**8.570**	**1.754**
Stddev	2.842	2.290	.5	4.	.378	.353
%RSD	69.72	529.0	.3201	.1022	4.416	20.12
#1	6.401	-1.744	154.7	4191.	8.245	1.786
#2	4.920	2.212	155.5	4193.	8.479	2.091
#3	.9079	-1.767	155.6	4200.	8.985	1.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10.46**	**35.45**	**716.0**	**1233.**
Stddev	1.82	.24	.9	29.
%RSD	17.43	.6860	.1299	2.326
#1	12.53	35.21	716.0	1260.
#2	9.752	35.44	715.1	1203.
#3	9.101	35.70	716.9	1237.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2543.2**	**27706.**	**4083.6**
Stddev	6.9	95.	15.8
%RSD	.27312	.34169	.38690
#1	2535.3	27617.	4070.2
#2	2548.4	27696.	4079.6
#3	2545.9	27806.	4101.0

Sample Name: 460-41772-a-3-a@4 Acquired: 6/28/2012 12:41:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**45400.**	**17.91**	**-.4970**	**488.8**	**2.043**	**9738.**
Stddev	102.	.54	.3789	1.3	.061	43.
%RSD	.2254	2.990	76.24	.2564	2.986	.4463
#1	45460.	17.30	-.1559	489.5	2.102	9788.
#2	45450.	18.29	-.9049	489.4	2.046	9707.
#3	45280.	18.14	-.4302	487.3	1.981	9720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38.32**	**36.34**	**76.55**	**107.2**	**78570.**	**3795.**
Stddev	.17	.19	.67	4.9	144.	26.
%RSD	.4440	.5328	.8812	4.607	.1832	.6892
#1	38.51	36.56	77.05	103.5	78450.	3767.
#2	38.24	36.26	76.82	112.8	78540.	3818.
#3	38.20	36.20	75.78	105.2	78730.	3801.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24810.**	**2694.**	**1859.**	**80.48**	**74.94**	**-.4478**
Stddev	75.	1.	28.	.40	1.15	3.018
%RSD	.3043	.0478	1.489	.4919	1.539	673.9
#1	24730.	2692.	1859.	80.65	74.24	.3802
#2	24810.	2694.	1832.	80.03	76.27	-3.793
#3	24880.	2695.	1887.	80.77	74.31	2.069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-3-a@4 Acquired: 6/28/2012 12:41:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4038**	**.8296**	**91.15**	F **9949.**	**33.38**	**-2.605**
Stddev	1.312	.1851	.17	27.	.19	.049
%RSD	324.9	22.31	.1827	.2758	.5760	1.888
#1	1.684	1.040	91.15	9972.	33.51	-2.549
#2	-.9379	.7589	91.32	9955.	33.48	-2.625
#3	.4650	.6903	90.99	9919.	33.16	-2.641
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.649**	**60.08**	**1120.**	**758.9**
Stddev	.541	.15	2.	4.6
%RSD	32.84	.2538	.1558	.6037
#1	1.268	60.02	1121.	757.6
#2	1.410	60.25	1118.	755.1
#3	2.269	59.97	1121.	764.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2462.8**	**26914.**	**4009.2**
Stddev	5.1	59.	16.7
%RSD	.20707	.21948	.41706
#1	2457.0	26980.	3999.0
#2	2466.6	26897.	4028.5
#3	2464.8	26866.	4000.1

Sample Name: 460-41772-a-4-a@4 Acquired: 6/28/2012 12:45:09 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**82850.**	**39.12**	**.0038**	**689.1**	**4.621**	**5979.**
Stddev	14.	.72	.3824	1.6	.123	12.
%RSD	.0164	1.831	10030.	.2292	2.666	.2066
#1	82870.	38.99	.4183	689.6	4.757	5965.
#2	82840.	39.89	-.3353	690.3	4.589	5990.
#3	82850.	38.47	-.0716	687.3	4.517	5982.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.69**	**53.52**	**153.6**	**129.0**	**92800.**	**3999.**
Stddev	.17	.35	.3	4.6	54.	97.
%RSD	.3149	.6589	.2135	3.568	.0587	2.433
#1	53.68	53.77	153.2	127.9	92850.	4111.
#2	53.87	53.68	153.6	125.0	92740.	3944.
#3	53.53	53.12	153.8	134.0	92800.	3942.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15070.**	**6967.**	**143.4**	**91.23**	**593.5**	**1.211**
Stddev	10.	31.	6.9	.51	1.9	2.115
%RSD	.0652	.4434	4.844	.5624	.3276	174.7
#1	15080.	6968.	151.2	91.82	595.6	.1952
#2	15060.	6935.	138.0	90.91	591.7	-.2051
#3	15070.	6997.	141.0	90.96	593.3	3.642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-4-a@4 Acquired: 6/28/2012 12:45:09 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.280**	**.9859**	**168.5**	F **9545.**	**10.12**	**.1596**
Stddev	1.250	1.889	.2	13.	.88	.4739
%RSD	38.10	191.6	.1146	.1374	8.655	296.9
#1	4.474	3.122	168.3	9556.	9.147	.2947
#2	3.385	.3023	168.4	9549.	10.85	-.3672
#3	1.981	-.4663	168.7	9530.	10.35	.5514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**7.646**	**54.98**	**1507.**	**1164.**
Stddev	1.000	.14	6.	14.
%RSD	13.08	.2528	.3908	1.210
#1	7.157	55.13	1514.	1175.
#2	6.984	54.96	1504.	1168.
#3	8.796	54.85	1504.	1148.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2797.6**	**30442.**	**4563.9**
Stddev	3.8	78.	19.8
%RSD	.13662	.25736	.43396
#1	2795.8	30418.	4584.4
#2	2802.0	30529.	4562.4
#3	2795.0	30378.	4544.9

Sample Name: 460-41772-a-5-a@4 Acquired: 6/28/2012 12:48:50 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**67100.**	**21.79**	**-.7874**	**313.5**	**2.648**	**2008.**
Stddev	127.	.14	.3932	.8	.081	6.
%RSD	.1885	.6420	49.94	.2424	3.056	.2953
#1	67210.	21.92	-.9598	314.2	2.725	2001.
#2	66960.	21.80	-1.065	313.5	2.563	2009.
#3	67120.	21.64	-.3374	312.7	2.655	2013.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.532**	**36.45**	**79.32**	**58.34**	**85010.**	**1558.**
Stddev	.136	.41	.27	3.51	178.	44.
%RSD	5.353	1.122	.3459	6.017	.2097	2.840
#1	2.682	36.63	79.20	61.05	84980.	1606.
#2	2.418	36.73	79.12	54.38	85210.	1551.
#3	2.497	35.98	79.63	59.61	84850.	1519.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10580.**	**3588.**	**76.64**	**61.40**	**114.8**	**-2.138**
Stddev	39.	6.	11.07	.43	.6	1.742
%RSD	.3680	.1753	14.44	.7047	.5493	81.47
#1	10590.	3587.	80.25	61.86	114.1	-1.757
#2	10610.	3595.	64.21	61.01	115.4	-4.038
#3	10530.	3583.	85.45	61.34	114.9	-.6180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-5-a@4 Acquired: 6/28/2012 12:48:50 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.638**	**.6854**	**117.5**	**625.6**	**6.207**	**1.053**
Stddev	3.376	1.214	.1	2.4	.225	.051
%RSD	92.80	177.2	.0566	.3851	3.624	4.837
#1	2.907	1.794	117.5	628.1	6.430	.9982
#2	7.320	.8744	117.4	625.3	6.210	1.099
#3	.6873	-.6125	117.6	623.3	5.980	1.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.619**	**32.93**	**618.9**	**943.4**
Stddev	.746	.10	2.0	16.5
%RSD	46.07	.2930	.3204	1.746
#1	.7866	33.03	620.4	961.7
#2	2.226	32.85	616.7	929.6
#3	1.845	32.89	619.6	939.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2552.2**	**27845.**	**4112.3**
Stddev	5.4	113.	15.1
%RSD	.21026	.40603	.36691
#1	2546.5	27772.	4102.2
#2	2553.2	27788.	4129.6
#3	2557.1	27976.	4105.0

Sample Name: 460-41772-a-6-a@4 Acquired: 6/28/2012 12:52:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**81420.**	**30.81**	**-1.009**	**415.9**	**3.906**	**3130.**
Stddev	179.	1.86	.439	1.5	.124	14.
%RSD	.2193	6.050	43.49	.3502	3.176	.4514
#1	81310.	30.17	-1.292	414.6	3.969	3114.
#2	81630.	32.91	-.5035	417.5	3.763	3136.
#3	81330.	29.35	-1.232	415.7	3.985	3140.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.195**	**51.11**	**80.39**	**122.3**	**89420.**	**2305.**
Stddev	.040	.68	.39	3.2	170.	40.
%RSD	.7778	1.322	.4866	2.618	.1902	1.755
#1	5.239	51.04	80.11	123.0	89340.	2260.
#2	5.186	51.81	80.22	118.8	89610.	2338.
#3	5.160	50.47	80.83	125.1	89300.	2317.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13610.**	**5147.**	**15.05**	**79.08**	**117.4**	**-.9873**
Stddev	34.	39.	5.09	.36	1.2	2.969
%RSD	.2514	.7534	33.85	.4539	1.019	300.7
#1	13580.	5110.	13.81	79.20	116.8	-3.476
#2	13650.	5187.	10.68	78.68	116.6	-1.784
#3	13610.	5142.	20.64	79.36	118.8	2.299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-6-a@4 Acquired: 6/28/2012 12:52:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.254**	**.5310**	**121.9**	**1564.**	**5.944**	**1.085**
Stddev	1.649	1.835	1.2	4.	.654	.329
%RSD	38.76	345.5	.9814	.2703	11.00	30.34
#1	4.655	1.754	120.7	1565.	6.604	.8795
#2	5.665	-1.579	121.9	1567.	5.296	1.464
#3	2.442	1.418	123.1	1559.	5.931	.9104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.904**	**41.65**	**614.6**	**1213.**
Stddev	.428	.07	2.3	22.
%RSD	8.727	.1615	.3746	1.777
#1	5.352	41.64	617.3	1189.
#2	4.500	41.72	613.4	1231.
#3	4.859	41.59	613.2	1218.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2693.5**	**29459.**	**4381.6**
Stddev	3.8	.	6.4
%RSD	.14082	.00045	.14628
#1	2697.4	29459.	4374.6
#2	2689.8	29459.	4387.2
#3	2693.3	29459.	4383.0

Sample Name: 460-41772-a-7-a@4 Acquired: 6/28/2012 12:56:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**70360.**	**51.49**	**-.1677**	**581.8**	**3.699**	**2954.**
Stddev	119.	1.31	.3909	2.1	.022	10.
%RSD	.1695	2.540	233.1	.3669	.5852	.3528
#1	70220.	50.82	-.1127	581.4	3.685	2963.
#2	70450.	53.00	-.5833	584.2	3.724	2956.
#3	70410.	50.65	.1927	580.0	3.689	2943.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39.12**	**42.33**	**108.0**	**174.0**	**79800.**	**2252.**
Stddev	.21	.20	.7	2.5	161.	19.
%RSD	.5488	.4827	.6402	1.446	.2015	.8286
#1	38.92	42.46	108.1	172.7	79920.	2243.
#2	39.35	42.44	108.5	172.4	79860.	2274.
#3	39.09	42.10	107.2	176.9	79620.	2240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10860.**	**5848.**	**32.62**	**77.51**	**952.4**	**1.246**
Stddev	39.	48.	19.22	.94	2.2	1.607
%RSD	.3587	.8141	58.91	1.208	.2264	128.9
#1	10900.	5902.	45.55	77.58	951.7	1.590
#2	10870.	5811.	41.78	78.42	954.8	-.5047
#3	10820.	5832.	10.54	76.55	950.7	2.654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-7-a@4 Acquired: 6/28/2012 12:56:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.882**	**1.347**	**147.6**	**2456.**	**7.453**	**1.705**
Stddev	3.834	1.567	.2	7.	.869	.306
%RSD	65.17	116.3	.1136	.2991	11.66	17.94
#1	2.346	-.0713	147.4	2455.	6.606	1.431
#2	5.344	3.029	147.8	2463.	8.342	1.648
#3	9.957	1.084	147.6	2449.	7.411	2.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**21.91**	**41.46**	**621.6**	**1193.**
Stddev	.61	.13	2.4	22.
%RSD	2.763	.3209	.3861	1.814
#1	22.24	41.36	619.1	1199.
#2	21.21	41.61	622.0	1210.
#3	22.27	41.40	623.8	1169.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2613.4**	**28613.**	**4186.6**
Stddev	7.6	50.	30.4
%RSD	.29169	.17576	.72683
#1	2620.9	28570.	4211.1
#2	2605.7	28600.	4196.1
#3	2613.5	28668.	4152.5

Sample Name: 460-41772-a-8-a@4 Acquired: 6/28/2012 12:59:46 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**89280.**	**28.22**	**.0809**	**627.2**	**5.644**	**3160.**
Stddev	621.	2.25	.4216	1.0	.121	25.
%RSD	.6951	7.966	521.4	.1537	2.140	.7903
#1	88630.	25.75	-.1954	626.3	5.684	3132.
#2	89330.	30.14	.5661	627.1	5.741	3167.
#3	89870.	28.78	-.1282	628.2	5.509	3180.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34.89**	**47.63**	**63.99**	**102.8**	**85490.**	**4120.**
Stddev	.09	.22	.45	2.6	72.	34.
%RSD	.2688	.4611	.7017	2.540	.0843	.8254
#1	34.81	47.40	64.51	103.6	85430.	4084.
#2	34.85	47.66	63.77	99.85	85570.	4151.
#3	34.99	47.83	63.70	104.9	85470.	4125.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13030.**	**9818.**	**37.43**	**92.21**	**95.87**	**.3922**
Stddev	20.	81.	10.09	.63	1.23	2.126
%RSD	.1497	.8236	26.97	.6843	1.288	542.1
#1	13050.	9725.	48.80	91.48	96.39	2.079
#2	13010.	9873.	29.54	92.60	94.46	-1.996
#3	13030.	9856.	33.94	92.54	96.76	1.094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-8-a@4 Acquired: 6/28/2012 12:59:46 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.476**	**.7425**	**141.4**	**4300.**	**3.391**	**1.463**
Stddev	2.197	1.260	.6	10.	.850	.341
%RSD	40.11	169.7	.4307	.2394	25.06	23.29
#1	6.371	1.612	140.8	4289.	4.320	1.819
#2	2.974	1.319	142.0	4302.	2.652	1.429
#3	7.085	-.7028	141.6	4310.	3.200	1.140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.412**	**44.45**	**1483.**	**1088.**
Stddev	.532	.37	9.	39.
%RSD	22.05	.8262	.6223	3.545
#1	2.561	44.34	1473.	1128.
#2	2.853	44.15	1486.	1085.
#3	1.821	44.86	1491.	1051.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2940.8**	**32241.**	**4714.0**
Stddev	6.1	108.	43.9
%RSD	.20605	.33420	.93028
#1	2941.0	32119.	4762.6
#2	2946.7	32283.	4702.2
#3	2934.6	32321.	4677.3

Sample Name: 460-41504-a-49-a@4 Acquired: 6/28/2012 13:03:28 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38480.**	**30.40**	**.2194**	**281.3**	**1.832**	**8048.**
Stddev	83.	.82	.1699	.9	.064	12.
%RSD	.2168	2.699	77.41	.3183	3.516	.1531
#1	38580.	29.56	.0944	281.4	1.777	8033.
#2	38450.	30.45	.1511	282.1	1.903	8055.
#3	38420.	31.20	.4128	280.3	1.816	8054.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.73**	**64.05**	**139.5**	**92.91**	**95010.**	**793.7**
Stddev	.05	.61	.2	3.94	229.	39.9
%RSD	.4427	.9450	.1561	4.238	.2412	5.025
#1	11.74	64.67	139.7	91.04	95140.	776.3
#2	11.68	64.03	139.4	97.44	95150.	839.3
#3	11.78	63.46	139.3	90.26	94750.	765.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11940.**	**7323.**	**116.1**	**66.75**	**482.2**	**.0920**
Stddev	17.	45.	7.0	.38	2.0	1.151
%RSD	.1428	.6090	6.064	.5696	.4189	1251.
#1	11920.	7286.	120.0	67.09	482.5	1.409
#2	11940.	7372.	107.9	66.83	484.1	-.7206
#3	11950.	7311.	120.2	66.34	480.1	-.4125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41504-a-49-a@4 Acquired: 6/28/2012 13:03:28 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0241**	**1.157**	**205.4**	**1378.**	**8.104**	**-.5123**
Stddev	3.307	3.297	.6	5.	.498	.1775
%RSD	13750.	285.0	.2732	.3765	6.144	34.65
#1	3.391	-.3159	205.5	1380.	7.698	-.3251
#2	-3.211	4.934	205.9	1382.	7.954	-.5337
#3	-.2519	-1.147	204.8	1372.	8.660	-.6782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**4.996**	**47.10**	**1452.**	**944.4**
Stddev	.714	.24	5.	20.8
%RSD	14.29	.5177	.3700	2.203
#1	5.816	47.18	1458.	920.4
#2	4.511	47.30	1450.	956.6
#3	4.661	46.83	1448.	956.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2406.0**	**26368.**	**3820.2**
Stddev	3.7	37.	14.2
%RSD	.15410	.14220	.37172
#1	2402.5	26332.	3803.8
#2	2405.7	26365.	3828.2
#3	2409.9	26407.	3828.7

Sample Name: 460-41504-a-51-a@4 Acquired: 6/28/2012 13:07:09 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26320.**	**19.33**	**-.5865**	**228.7**	**.8965**	**7776.**
Stddev	50.	1.44	.8320	.2	.0467	8.
%RSD	.1914	7.474	141.8	.0739	5.205	.1081
#1	26320.	18.31	.1194	228.7	.8563	7770.
#2	26370.	18.69	-.3752	228.9	.9477	7773.
#3	26270.	20.98	-1.504	228.6	.8856	7785.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.936**	**19.86**	**87.05**	**73.27**	**50450.**	**762.5**
Stddev	.069	.30	.52	.88	160.	16.2
%RSD	1.167	1.500	.6004	1.204	.3179	2.125
#1	6.005	19.89	86.74	74.23	50450.	774.9
#2	5.867	20.14	86.77	72.50	50610.	768.5
#3	5.935	19.55	87.66	73.08	50290.	744.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5216.**	**1339.**	**118.7**	**92.36**	**995.6**	**-.1141**
Stddev	6.	3.	14.5	.38	2.4	1.762
%RSD	.1239	.2496	12.19	.4133	.2455	1544.
#1	5208.	1341.	114.0	92.62	994.0	1.420
#2	5220.	1341.	134.9	92.53	998.4	.2761
#3	5218.	1335.	107.1	91.92	994.5	-2.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41504-a-51-a@4 Acquired: 6/28/2012 13:07:09 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4184**	**-.3503**	**111.9**	**1387.**	**9.894**	**-.2499**
Stddev	4.596	2.389	.3	4.	.562	.1900
%RSD	1098.	682.0	.2554	.2877	5.675	76.04
#1	-1.865	2.373	112.0	1386.	10.44	-.0969
#2	-2.589	-2.095	112.2	1391.	9.922	-.1902
#3	5.709	-1.329	111.6	1383.	9.319	-.4627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.556**	**40.28**	**692.0**	**1173.**
Stddev	.529	.14	1.6	8.
%RSD	9.524	.3574	.2264	.6870
#1	6.007	40.36	690.2	1170.
#2	4.974	40.36	692.9	1166.
#3	5.688	40.11	693.0	1182.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2408.7**	**26596.**	**3852.9**
Stddev	4.0	19.	4.2
%RSD	.16730	.07032	.11007
#1	2413.3	26617.	3855.8
#2	2405.9	26587.	3848.0
#3	2406.9	26583.	3854.7

Sample Name: 460-41730-a-17-f du@ Acquired: 6/28/2012 13:10:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6447.**	**11.22**	**51.61**	**1120.**	**.1754**	**9977.**
Stddev	42.	2.01	.18	1.	.1208	14.
%RSD	.6538	17.92	.3582	.0507	68.91	.1425
#1	6490.	8.916	51.81	1119.	.3145	9962.
#2	6446.	12.15	51.44	1120.	.0964	9989.
#3	6406.	12.61	51.59	1120.	.1152	9981.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.22**	**4.747**	**34.27**	**608.1**	**15560.**	**1269.**
Stddev	.14	.304	.16	4.8	39.	25.
%RSD	1.275	6.404	.4644	.7874	.2505	1.986
#1	11.15	4.650	34.26	603.5	15530.	1269.
#2	11.39	5.088	34.44	607.8	15600.	1244.
#3	11.13	4.504	34.12	613.0	15540.	1295.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3167.**	**124.4**	**100.2**	**23.62**	**559.2**	**-.7976**
Stddev	4.	.0	14.9	.31	3.6	1.095
%RSD	.1209	.0031	14.86	1.298	.6468	137.2
#1	3164.	124.4	116.8	23.64	556.2	-2.060
#2	3171.	124.4	87.96	23.91	563.2	-.2083
#3	3167.	124.4	95.87	23.30	558.2	-.1239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-17-f du@ Acquired: 6/28/2012 13:10:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.986**	**.2099**	**19.52**	**2433.**	**7.649**	**1.722**
Stddev	3.048	1.800	.08	4.	.828	.249
%RSD	153.5	857.3	.3917	.1576	10.82	14.45
#1	3.678	-1.540	19.44	2432.	8.350	1.951
#2	-1.533	.1135	19.52	2438.	7.860	1.457
#3	3.814	2.056	19.59	2430.	6.736	1.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**197.7**	**35.37**	**391.7**	**300.2**
Stddev	1.1	.13	1.2	21.2
%RSD	.5453	.3694	.3159	7.064
#1	198.1	35.22	390.8	300.1
#2	196.5	35.44	393.1	321.5
#3	198.5	35.45	391.1	279.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2360.5**	**26106.**	**3756.4**
Stddev	5.3	31.	1.9
%RSD	.22618	.12045	.04970
#1	2365.0	26127.	3754.5
#2	2362.1	26122.	3756.7
#3	2354.6	26070.	3758.2

Sample Name: CCV Acquired: 6/28/2012 13:14:20 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124600.**	**2483.**	**1235.**	**10090.**	**970.6**	**123100.**
Stddev	352.	3.	4.	16.	1.8	332.
%RSD	.2829	.1130	.3178	.1580	.1888	.2694
#1	124200.	2482.	1233.	10100.	968.5	122900.
#2	124900.	2486.	1233.	10100.	972.0	123500.
#3	124700.	2481.	1240.	10070.	971.2	122900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1261.**	**2479.**	**4967.**	**12460.**	**99290.**	**48830.**
Stddev	1.	5.	13.	37.	127.	128.
%RSD	.0999	.1867	.2517	.2955	.1280	.2613
#1	1261.	2482.	4958.	12470.	99220.	48690.
#2	1263.	2483.	4962.	12480.	99220.	48940.
#3	1260.	2474.	4981.	12410.	99440.	48850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122000.**	**5020.**	**124600.**	**2495.**	**7552.**	**1016.**
Stddev	223.	4.	374.	2.	14.	2.
%RSD	.1825	.0873	.3002	.0637	.1885	.1901
#1	121800.	5023.	124300.	2495.	7559.	1015.
#2	121900.	5015.	125000.	2497.	7561.	1015.
#3	122200.	5023.	124600.	2494.	7535.	1018.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 13:14:20 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2427.**	**2543.**	**2457.**	**2488.**	**998.7**	**2546.**
Stddev	4.	6.	3.	4.	1.9	4.
%RSD	.1589	.2290	.1206	.1583	.1884	.1552
#1	2422.	2544.	2455.	2492.	999.6	2548.
#2	2428.	2549.	2456.	2489.	999.9	2547.
#3	2430.	2537.	2460.	2484.	996.5	2541.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**997.1**	**4975.**	**10150.**	**9927.**
Stddev	3.9	14.	44.	16.
%RSD	.3888	.2835	.4379	.1564
#1	999.1	4965.	10100.	9913.
#2	999.5	4991.	10190.	9925.
#3	992.6	4970.	10160.	9944.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2151.5**	**23403.**	**3600.3**
Stddev	7.2	25.	7.6
%RSD	.33326	.10673	.21012
#1	2143.8	23415.	3605.1
#2	2152.8	23419.	3604.3
#3	2157.9	23374.	3591.6

Sample Name: CCB Acquired: 6/28/2012 13:17:40 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.375**	**.6637**	**-.7404**	**.3829**	**-.0270**	**28.68**
Stddev	4.839	1.938	.1291	.3548	.2218	20.05
%RSD	351.9	292.0	17.44	92.68	821.5	69.91
#1	-4.564	.9670	-.5927	.7850	.2200	49.30
#2	-3.755	2.432	-.7965	.2498	-.0920	27.51
#3	4.193	-1.408	-.8319	.1138	-.2090	9.244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0465**	**.3802**	**.1432**	**-1.537**	**28.95**	**114.0**
Stddev	.0372	.2791	.8569	4.668	5.63	70.2
%RSD	79.90	73.41	598.3	303.7	19.46	61.64
#1	.0239	.4373	1.133	3.776	29.52	85.54
#2	.0894	.6264	-.3425	-4.977	23.05	194.0
#3	.0262	.0770	-.3604	-3.410	34.27	62.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.26**	**.3253**	**36.03**	**.1239**	**-.7042**	**.5964**
Stddev	9.45	.3130	28.96	.1309	.3965	1.159
%RSD	83.95	96.20	80.38	105.7	56.31	194.3
#1	20.64	.6852	69.24	.0170	-.6543	.4431
#2	11.40	.1738	22.86	.2699	-.3349	1.824
#3	1.736	.1170	16.00	.0847	-1.123	-.4780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 13:17:40 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0665**	**1.774**	**-.0447**	**.5918**	**.6609**	**2.069**
Stddev	1.765	1.380	.2727	.0593	.7212	.402
%RSD	2653.	77.79	610.6	10.03	109.1	19.44
#1	-1.409	3.367	.0748	.6568	.1539	2.171
#2	1.933	.9298	.1479	.5406	1.487	2.411
#3	-.7231	1.026	-.3567	.5779	.3422	1.626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.0083**	**.4433**	**.7163**	**6.911**
Stddev	.4661	.4405	1.380	13.99
%RSD	5647.	99.39	192.7	202.4
#1	.1604	.9501	1.922	17.03
#2	-.5150	.2277	-.7891	-9.051
#3	.3793	.1520	1.016	12.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2335.0**	**25804.**	**3688.5**
Stddev	2.7	69.	18.9
%RSD	.11429	.26845	.51172
#1	2332.4	25731.	3668.6
#2	2337.8	25868.	3690.8
#3	2334.9	25812.	3706.2

Sample Name: 460-41730-a-17-e@10 Acquired: 6/28/2012 13:21:26 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6375.**	**9.723**	**46.90**	**985.1**	**.1361**	**11290.**
Stddev	21.	1.873	.50	.7	.0854	46.
%RSD	.3364	19.27	1.073	.0706	62.74	.4112
#1	6387.	11.49	47.46	985.2	.0435	11310.
#2	6351.	9.920	46.75	984.3	.1531	11240.
#3	6388.	7.759	46.49	985.7	.2117	11330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.50**	**4.798**	**29.52**	**553.5**	**16280.**	**1251.**
Stddev	.08	.195	.57	2.3	17.	44.
%RSD	.6618	4.057	1.933	.4157	.1054	3.481
#1	12.53	4.634	29.85	556.1	16260.	1284.
#2	12.41	5.013	29.85	552.2	16290.	1267.
#3	12.57	4.748	28.87	552.1	16280.	1202.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3492.**	**137.8**	**90.74**	**23.66**	**452.8**	**.3149**
Stddev	3.	.2	12.12	.12	2.2	2.590
%RSD	.0959	.1584	13.36	.4914	.4763	822.6
#1	3494.	138.0	100.3	23.59	452.4	-1.694
#2	3494.	137.6	77.10	23.58	450.9	3.239
#3	3488.	137.8	94.84	23.79	455.2	-.6004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-a-17-e@10 Acquired: 6/28/2012 13:21:26 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8080**	**.5989**	**19.01**	**2466.**	**7.330**	**2.347**
Stddev	2.375	1.111	.53	2.	1.178	.209
%RSD	293.9	185.5	2.794	.0930	16.08	8.929
#1	1.764	-.0486	18.69	2466.	6.702	2.588
#2	-1.270	-.0363	19.62	2463.	8.689	2.232
#3	-2.918	1.882	18.72	2468.	6.599	2.219
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**170.5**	**35.68**	**377.0**	**301.7**
Stddev	.8	.14	.9	13.3
%RSD	.4942	.4008	.2409	4.402
#1	171.2	35.59	375.9	300.9
#2	169.6	35.59	377.6	315.4
#3	170.8	35.84	377.4	288.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2370.5**	**26124.**	**3817.1**
Stddev	7.8	47.	20.2
%RSD	.33033	.17895	.53041
#1	2365.9	26070.	3840.1
#2	2379.5	26156.	3809.0
#3	2366.1	26145.	3802.1

Sample Name: sd 460-41730-a-17-e@ Acquired: 6/28/2012 13:25:01 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1269.**	**3.124**	**8.848**	**197.5**	**.1206**	**2275.**
Stddev	8.	1.954	.263	.2	.1872	9.
%RSD	.6555	62.53	2.971	.1029	155.2	.4142
#1	1259.	5.285	8.565	197.2	.3361	2266.
#2	1274.	2.607	9.085	197.6	.0270	2285.
#3	1273.	1.481	8.894	197.6	-.0014	2274.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.494**	**1.145**	**5.377**	**109.5**	**3260.**	**277.7**
Stddev	.122	.317	.216	3.9	22.	141.0
%RSD	4.903	27.70	4.015	3.605	.6841	50.78
#1	2.386	1.500	5.263	110.8	3236.	433.6
#2	2.627	.8879	5.626	105.1	3280.	240.5
#3	2.469	1.048	5.241	112.6	3265.	159.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**706.7**	**27.58**	**23.39**	**4.879**	**90.46**	**.5284**
Stddev	3.1	.05	9.52	.342	.47	2.666
%RSD	.4422	.1820	40.71	7.007	.5173	504.6
#1	709.5	27.64	12.42	4.614	90.91	-.7247
#2	707.3	27.57	29.45	4.758	89.98	-1.281
#3	703.3	27.54	28.31	5.265	90.50	3.590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41730-a-17-e@ Acquired: 6/28/2012 13:25:01 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.195**	**1.283**	**3.825**	**495.4**	**1.005**	**-.2051**
Stddev	.957	.802	.351	1.7	.279	.2019
%RSD	80.11	62.53	9.174	.3403	27.72	98.44
#1	.2148	.6151	3.876	494.9	.6924	-.4359
#2	2.127	1.061	3.452	497.3	1.227	-.0616
#3	1.242	2.172	4.148	494.1	1.094	-.1177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**33.40**	**7.167**	**74.44**	**63.36**
Stddev	.33	.086	.98	8.14
%RSD	.9930	1.204	1.319	12.85
#1	33.16	7.117	74.23	54.29
#2	33.78	7.267	75.51	70.05
#3	33.27	7.118	73.58	65.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2361.0**	**26125.**	**3754.2**
Stddev	5.6	112.	19.0
%RSD	.23683	.42940	.50500
#1	2366.6	26212.	3760.8
#2	2361.1	26165.	3768.9
#3	2355.4	25998.	3732.8

Sample Name: 460-41730-e-17-c ms@ Acquired: 6/28/2012 13:28:39 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7858.**	**368.4**	**50.81**	**1354.**	**9.303**	**18610.**
Stddev	23.	3.2	.47	3.	.019	44.
%RSD	.2929	.8817	.9339	.2112	.2034	.2369
#1	7837.	365.2	50.50	1357.	9.322	18570.
#2	7883.	371.7	51.35	1354.	9.302	18590.
#3	7855.	368.3	50.56	1351.	9.284	18660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21.06**	**103.2**	**68.81**	**573.1**	**17280.**	**4868.**
Stddev	.06	.2	.46	2.5	46.	45.
%RSD	.2906	.1878	.6662	.4429	.2660	.9167
#1	21.00	102.9	69.21	572.3	17320.	4912.
#2	21.12	103.3	68.91	571.1	17300.	4868.
#3	21.05	103.2	68.31	576.0	17230.	4823.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9491.**	**260.1**	**3844.**	**122.5**	**554.6**	**76.12**
Stddev	10.	.6	7.	.1	.9	2.09
%RSD	.1069	.2276	.1782	.0461	.1553	2.748
#1	9502.	260.8	3836.	122.5	555.6	74.13
#2	9482.	259.7	3848.	122.6	554.3	75.92
#3	9488.	259.8	3847.	122.5	553.9	78.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41730-e-17-c ms@ Acquired: 6/28/2012 13:28:39 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**354.4**	**419.6**	**111.7**	**2548.**	**101.5**	**95.54**
Stddev	.5	2.8	.2	7.	1.4	.16
%RSD	.1410	.6758	.1558	.2800	1.334	.1631
#1	354.9	420.9	111.6	2556.	102.9	95.68
#2	354.4	421.5	111.8	2547.	100.3	95.55
#3	353.9	416.3	111.9	2541.	101.2	95.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**266.2**	**131.5**	**536.5**	**572.6**
Stddev	.4	.6	1.4	19.1
%RSD	.1633	.4300	.2666	3.337
#1	265.9	130.9	538.2	562.5
#2	266.0	131.9	535.8	594.6
#3	266.7	131.7	535.7	560.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2333.5**	**25791.**	**3736.7**
Stddev	1.7	55.	5.4
%RSD	.07384	.21140	.14416
#1	2331.6	25739.	3742.4
#2	2334.9	25848.	3731.7
#3	2334.1	25787.	3735.9

Sample Name: pds 460-41730-a-17-e Acquired: 6/28/2012 13:32:11 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8496.**	**1908.**	**96.05**	**3011.**	**48.29**	**31230.**
Stddev	27.	4.	.62	3.	.37	55.
%RSD	.3191	.1867	.6440	.0917	.7693	.1753
#1	8465.	1911.	95.90	3011.	48.44	31290.
#2	8505.	1904.	96.73	3015.	47.87	31230.
#3	8517.	1908.	95.52	3009.	48.56	31180.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62.99**	**511.1**	**228.6**	**816.2**	**17640.**	**19690.**
Stddev	.11	.4	.3	8.4	35.	83.
%RSD	.1721	.0829	.1121	1.030	.1996	.4207
#1	62.89	511.6	228.7	810.6	17670.	19740.
#2	62.97	511.0	228.8	812.1	17650.	19590.
#3	63.11	510.8	228.3	825.9	17600.	19740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22570.**	**644.1**	**19440.**	**531.4**	**967.0**	**475.5**
Stddev	73.	1.2	69.	.5	1.2	1.0
%RSD	.3232	.1819	.3528	.0934	.1292	.2178
#1	22620.	644.0	19500.	531.5	966.3	476.7
#2	22610.	645.4	19370.	530.8	968.5	474.7
#3	22490.	643.0	19440.	531.8	966.3	475.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41730-a-17-e Acquired: 6/28/2012 13:32:11 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1872.**	**2131.**	**502.2**	**3029.**	**502.9**	**498.2**
Stddev	4.	3.	.6	1.	1.2	.5
%RSD	.2229	.1441	.1261	.0375	.2332	.0980
#1	1872.	2131.	502.2	3028.	501.9	498.7
#2	1868.	2127.	502.8	3030.	504.2	498.2
#3	1876.	2133.	501.6	3028.	502.5	497.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**679.1**	**510.1**	**890.6**	**374.0**
Stddev	1.7	.9	2.3	10.1
%RSD	.2566	.1813	.2535	2.692
#1	681.0	511.1	891.1	362.4
#2	677.6	509.8	888.1	380.5
#3	678.8	509.3	892.6	379.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2315.3**	**25323.**	**3729.3**
Stddev	2.0	98.	11.5
%RSD	.08610	.38544	.30713
#1	2317.3	25252.	3716.3
#2	2315.4	25281.	3733.9
#3	2313.3	25434.	3737.8

Sample Name: 460-41711-a-1-m du@5 Acquired: 6/28/2012 13:35:33 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**56.51**	**3.306**	**.0559**	**115.9**	**.1230**	**4784.**
Stddev	9.88	2.067	.6454	.4	.1187	33.
%RSD	17.49	62.53	1155.	.3102	96.55	.6808
#1	47.39	3.342	-.5159	116.1	.0932	4785.
#2	67.01	5.355	-.0722	116.1	.0219	4816.
#3	55.13	1.221	.7558	115.5	.2537	4751.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3753**	**.5449**	**-.2073**	**-1.336**	**12.82**	**-484.7**
Stddev	.0240	.2868	.3811	5.226	20.70	61.6
%RSD	6.402	52.64	183.8	391.1	161.4	12.72
#1	.3613	.8387	-.0905	-6.030	24.79	-548.5
#2	.4030	.5303	-.6332	4.295	24.76	-480.0
#3	.3616	.2656	.1017	-2.274	-11.08	-425.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1681.**	**129.4**	F **312100.**	**2.982**	**1.418**	**-.4428**
Stddev	4.	.3	965.	.496	1.172	.9400
%RSD	.2292	.2602	.3093	16.61	82.69	212.3
#1	1677.	129.1	313100.	3.397	2.132	-.9965
#2	1685.	129.8	311200.	2.433	.0647	-.9744
#3	1682.	129.3	312000.	3.117	2.057	.6426
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41711-a-1-m du@5 Acquired: 6/28/2012 13:35:33 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2500	-1.793	.3424	44.73	25.85	-.4921
Stddev	1.555	1.390	.1949	.33	.34	.4966
%RSD	622.2	77.56	56.92	.7427	1.307	100.9
#1	2.019	-1.157	.4389	45.11	26.06	-.7380
#2	-.9013	-3.387	.1181	44.50	25.46	.0795
#3	-.3682	-.8339	.4703	44.58	26.03	-.8179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6751	29.91	-.0182	341.1
Stddev	.7754	.03	1.844	3.4
%RSD	114.9	.1144	10120.	.9985
#1	-1.424	29.93	-2.147	344.9
#2	-.7253	29.87	1.035	338.2
#3	.1243	29.92	1.057	340.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2200.3	23725.	3620.4
Stddev	21.6	133.	27.6
%RSD	.97992	.56046	.76307
#1	2182.9	23701.	3608.2
#2	2193.5	23606.	3600.9
#3	2224.4	23869.	3652.0

Sample Name: 460-41711-a-1-l@5 Acquired: 6/28/2012 13:39:13 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.71**	**2.065**	**-.9257**	**112.3**	**.1566**	**4656.**
Stddev	28.51	3.316	.4069	.2	.0438	8.
%RSD	55.14	160.6	43.95	.1875	27.97	.1659
#1	23.46	2.417	-1.144	112.3	.1418	4661.
#2	51.19	-1.414	-.4563	112.5	.2058	4660.
#3	80.48	5.191	-1.177	112.1	.1221	4647.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3636**	**.3157**	**-.4671**	**-.0317**	**17.88**	**-522.5**
Stddev	.0302	.2605	.6008	3.735	10.17	105.1
%RSD	8.295	82.53	128.6	11780.	56.89	20.11
#1	.3677	.3079	.2162	-.0184	14.10	-636.7
#2	.3316	.5801	-.9126	-3.773	10.14	-500.7
#3	.3914	.0592	-.7050	3.697	29.40	-430.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1626.**	**125.7**	F **302800.**	**2.867**	**1.696**	**-.3711**
Stddev	3.	.2	881.	.298	.471	2.165
%RSD	.1634	.1983	.2910	10.38	27.78	583.4
#1	1624.	125.5	303700.	3.210	1.222	-2.843
#2	1629.	126.0	302000.	2.676	1.702	.5433
#3	1624.	125.7	302500.	2.714	2.165	1.187
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41711-a-1-l@5 Acquired: 6/28/2012 13:39:13 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5824**	**-2.428**	**-.2050**	**164.0**	**23.67**	**-.8113**
Stddev	2.319	.672	.4137	.9	.54	.1278
%RSD	398.3	27.69	201.8	.5332	2.299	15.75
#1	.5129	-2.524	.2226	164.1	23.09	-.7482
#2	-3.247	-1.712	-.2344	164.9	24.18	-.7274
#3	.9866	-3.047	-.6033	163.1	23.73	-.9584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.1451**	**29.57**	**1.283**	**315.2**
Stddev	.2549	.33	1.549	17.0
%RSD	175.7	1.115	120.7	5.398
#1	-.1205	29.91	.5796	303.3
#2	.3877	29.25	3.058	307.5
#3	.1681	29.54	.2111	334.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2251.7**	**24284.**	**3735.9**
Stddev	16.2	234.	60.7
%RSD	.72059	.96316	1.6245
#1	2233.5	24064.	3687.8
#2	2264.6	24259.	3715.8
#3	2257.1	24529.	3804.1

Sample Name: sd 460-41711-a-1-l@2 Acquired: 6/28/2012 13:42:53 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-12.11**	**1.390**	**-1.004**	**24.95**	**-.1280**	**1011.**
Stddev	25.05	.478	.773	.36	.1271	30.
%RSD	206.8	34.42	77.04	1.460	99.31	2.952
#1	.6110	.8969	-1.194	24.53	.0055	976.7
#2	-40.96	1.420	-.1533	25.18	-.2475	1031.
#3	4.025	1.852	-1.665	25.15	-.1418	1025.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0611**	**.4149**	**-.1704**	**-.5082**	**-8.025**	**-125.9**
Stddev	.0292	.1515	.1522	4.482	6.722	64.2
%RSD	47.84	36.51	89.31	881.9	83.77	51.02
#1	.0779	.2406	-.0769	3.582	-5.770	-154.1
#2	.0273	.4893	-.3460	.1921	-15.58	-171.1
#3	.0780	.5148	-.0883	-5.299	-2.720	-52.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**361.7**	**27.26**	**67040.**	**.6558**	**.3328**	**-.8631**
Stddev	8.5	.27	766.	.0634	.8703	2.354
%RSD	2.361	.9778	1.143	9.674	261.6	272.7
#1	352.4	27.01	66200.	.6207	.2362	-1.229
#2	363.5	27.23	67250.	.7290	-.4853	1.653
#3	369.2	27.54	67690.	.6176	1.247	-3.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41711-a-1-l@2 Acquired: 6/28/2012 13:42:53 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1872**	**1.094**	**-.1744**	**36.78**	**4.168**	**-.8845**
Stddev	4.332	.914	.3972	.41	.113	.2259
%RSD	2314.	83.58	227.7	1.108	2.717	25.54
#1	4.800	.0457	-.2496	36.36	4.080	-1.102
#2	-2.337	1.726	-.5287	36.81	4.128	-.6510
#3	-3.025	1.509	.2550	37.17	4.296	-.9004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.7946**	**6.422**	**.1375**	**56.43**
Stddev	.9885	.212	2.320	13.81
%RSD	124.4	3.307	1688.	24.47
#1	-1.814	6.415	1.224	43.23
#2	-.7293	6.214	1.715	55.29
#3	.1596	6.638	-2.527	70.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2325.5**	**25397.**	**3763.4**
Stddev	5.3	157.	27.6
%RSD	.22626	.61680	.73360
#1	2319.5	25216.	3732.6
#2	2329.4	25493.	3771.5
#3	2327.7	25481.	3786.0

Sample Name: 460-41711-a-1-n ms@5 Acquired: 6/28/2012 13:46:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1046.**	**990.7**	**98.44**	**2198.**	**200.3**	**8665.**
Stddev	8.	2.8	1.05	3.	.6	34.
%RSD	.7865	.2795	1.068	.1327	.3175	.3971
#1	1040.	988.5	98.27	2201.	199.8	8634.
#2	1043.	989.8	99.57	2198.	201.0	8660.
#3	1055.	993.8	97.48	2195.	200.0	8702.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**216.4**	**211.9**	**1022.**	**207.7**	**224.5**	**3519.**
Stddev	.8	.4	2.	1.2	3.4	88.
%RSD	.3829	.1804	.2250	.5754	1.536	2.491
#1	217.0	211.5	1025.	208.3	221.4	3419.
#2	216.8	212.3	1021.	208.4	228.2	3583.
#3	215.5	212.0	1021.	206.3	224.0	3554.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5563.**	**331.4**	F **303600.**	**218.0**	**1044.**	**203.9**
Stddev	27.	.8	427.	1.3	2.	3.6
%RSD	.4857	.2399	.1407	.6034	.1470	1.773
#1	5592.	332.3	303300.	218.6	1045.	206.3
#2	5539.	331.0	303300.	218.9	1045.	205.7
#3	5559.	330.9	304100.	216.5	1042.	199.7
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41711-a-1-n ms@5 Acquired: 6/28/2012 13:46:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**206.8**	**212.1**	**100.6**	**258.2**	**224.5**	**208.0**
Stddev	4.5	1.4	.6	.5	.4	1.3
%RSD	2.152	.6449	.5516	.2034	.1737	.6159
#1	201.7	213.6	101.2	258.7	224.8	209.1
#2	209.2	210.9	100.1	258.4	224.1	208.3
#3	209.5	211.9	100.5	257.6	224.7	206.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**156.5**	**230.1**	**197.9**	**319.8**
Stddev	1.9	.7	3.0	30.7
%RSD	1.196	.3117	1.497	9.591
#1	158.6	229.3	195.6	348.9
#2	155.1	230.7	201.2	322.8
#3	155.8	230.3	196.8	287.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2246.8**	**24295.**	**3748.8**
Stddev	14.4	211.	60.5
%RSD	.64001	.87021	1.6149
#1	2262.7	24446.	3769.6
#2	2242.9	24386.	3796.1
#3	2234.7	24054.	3680.6

Sample Name: pds 460-41711-a-1-l@ Acquired: 6/28/2012 13:50:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4810.**	**4662.**	**463.8**	**9934.**	**941.9**	**24050.**
Stddev	1.	15.	.4	42.	1.0	21.
%RSD	.0151	.3312	.0813	.4233	.1021	.0872
#1	4809.	4645.	464.1	9904.	941.1	24030.
#2	4811.	4665.	464.0	9915.	942.9	24070.
#3	4809.	4676.	463.4	9982.	941.6	24050.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1011.**	**1002.**	**4799.**	**974.1**	**1016.**	**18690.**
Stddev	4.	3.	7.	.1	14.	48.
%RSD	.4195	.2672	.1415	.0108	1.353	.2553
#1	1007.	1001.	4796.	974.0	1002.	18640.
#2	1009.	1001.	4794.	974.2	1015.	18730.
#3	1015.	1005.	4806.	974.0	1030.	18710.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20330.**	**1109.**	F **325500.**	**1018.**	**4906.**	**979.8**
Stddev	64.	1.	471.	4.	15.	1.3
%RSD	.3157	.0524	.1448	.4112	.3114	.1330
#1	20260.	1110.	326000.	1015.	4892.	979.1
#2	20320.	1109.	325100.	1016.	4903.	979.1
#3	20390.	1109.	325400.	1023.	4922.	981.3
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: pds 460-41711-a-1-l@ Acquired: 6/28/2012 13:50:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**973.0**	**999.4**	**473.9**	**1057.**	**980.9**	**990.5**
Stddev	4.6	2.1	.5	4.	1.0	4.2
%RSD	.4701	.2106	.1073	.3670	.1055	.4223
#1	971.7	998.2	473.5	1054.	980.7	987.1
#2	969.1	1002.	474.5	1056.	980.0	989.3
#3	978.0	998.2	473.8	1061.	982.0	995.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**703.8**	**977.9**	**925.5**	**317.8**
Stddev	1.8	1.2	2.4	19.8
%RSD	.2578	.1259	.2594	6.233
#1	702.3	978.0	923.2	313.1
#2	703.3	979.1	928.0	300.7
#3	705.8	976.7	925.4	339.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2234.0**	**24290.**	**3761.0**
Stddev	21.3	147.	2.1
%RSD	.95120	.60528	.05604
#1	2247.8	24446.	3760.9
#2	2244.7	24273.	3763.1
#3	2209.6	24153.	3758.9

Sample Name: lcs 460-117802/2-a Acquired: 6/28/2012 13:53:28 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4845.**	**4626.**	**463.7**	**10160.**	**944.4**	**19420.**
Stddev	26.	2.	1.6	5.	3.0	47.
%RSD	.5459	.0492	.3546	.0525	.3202	.2413
#1	4824.	4628.	462.3	10170.	944.0	19430.
#2	4836.	4625.	463.3	10160.	947.6	19460.
#3	4875.	4624.	465.5	10150.	941.6	19370.
Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1027.**	**1034.**	**4838.**	**976.1**	**992.6**	**18850.**
Stddev	.	1.	11.	10.8	17.8	70.
%RSD	.0421	.0899	.2365	1.104	1.788	.3708
#1	1028.	1034.	4826.	963.9	972.4	18900.
#2	1027.	1035.	4840.	979.9	999.6	18770.
#3	1028.	1034.	4848.	984.4	1006.	18880.
Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19410.**	**998.9**	**19780.**	**1050.**	**5129.**	**983.8**
Stddev	50.	1.9	20.	1.	3.	4.8
%RSD	.2598	.1881	.1007	.1406	.0587	.4831
#1	19370.	997.8	19770.	1049.	5131.	988.9
#2	19390.	1001.	19800.	1052.	5131.	982.8
#3	19470.	997.9	19770.	1050.	5126.	979.6
Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Sample Name: lcs 460-117802/2-a Acquired: 6/28/2012 13:53:28 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**946.5**	**1083.**	**473.8**	**1012.**	**969.0**	**1007.**
Stddev	5.7	5.	1.3	1.	1.3	2.
%RSD	.6063	.4654	.2685	.1086	.1291	.2001
#1	939.8	1089.	472.4	1011.	967.6	1008.
#2	950.0	1082.	474.9	1011.	969.6	1009.
#3	949.6	1079.	474.1	1013.	969.9	1005.
Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**761.5**	**966.5**	**937.5**	**17.40**
Stddev	1.4	3.2	4.2	27.03
%RSD	.1806	.3287	.4510	155.4
#1	762.3	963.9	937.2	-6.603
#2	762.4	970.0	933.4	46.67
#3	760.0	965.5	941.8	12.12
Check ?	None	None	None	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2312.4**	**25530.**	**3806.3**
Stddev	7.1	143.	9.9
%RSD	.30644	.56148	.26060
#1	2320.1	25693.	3811.3
#2	2310.9	25424.	3812.6
#3	2306.1	25473.	3794.8

Sample Name: CCV Acquired: 6/28/2012 13:56:52 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124300.**	**2528.**	**1244.**	**10200.**	**949.5**	**120600.**
Stddev	581.	15.	1.	28.	2.8	432.
%RSD	.4674	.5803	.0949	.2721	.2976	.3582
#1	123600.	2523.	1243.	10190.	946.3	120100.
#2	124500.	2545.	1244.	10230.	950.8	120800.
#3	124700.	2517.	1245.	10190.	951.4	120800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1281.**	**2504.**	**5038.**	**12140.**	**100200.**	**48320.**
Stddev	3.	7.	8.	66.	79.	204.
%RSD	.2423	.2842	.1621	.5397	.0784	.4218
#1	1280.	2499.	5031.	12070.	100100.	48110.
#2	1285.	2513.	5038.	12150.	100300.	48340.
#3	1279.	2501.	5047.	12200.	100300.	48520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124400.**	**5006.**	**123500.**	**2524.**	**7637.**	**1035.**
Stddev	164.	2.	419.	7.	12.	2.
%RSD	.1317	.0363	.3391	.2834	.1635	.1661
#1	124300.	5004.	123100.	2519.	7629.	1033.
#2	124400.	5006.	123600.	2532.	7651.	1035.
#3	124600.	5007.	123900.	2521.	7630.	1036.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 13:56:52 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2480.**	**2573.**	**2472.**	**2517.**	**1014.**	**2574.**
Stddev	5.	8.	2.	6.	3.	7.
%RSD	.2007	.3044	.0880	.2324	.3406	.2638
#1	2481.	2569.	2471.	2514.	1011.	2569.
#2	2484.	2582.	2471.	2523.	1015.	2582.
#3	2475.	2568.	2475.	2512.	1017.	2572.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1008.**	**4913.**	**10180.**	**10060.**
Stddev	1.	19.	41.	7.
%RSD	.1313	.3818	.4077	.0665
#1	1008.	4893.	10130.	10050.
#2	1010.	4917.	10190.	10060.
#3	1007.	4929.	10210.	10050.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2178.4**	**23668.**	**3695.4**
Stddev	4.1	53.	11.5
%RSD	.18696	.22480	.31115
#1	2180.6	23652.	3708.6
#2	2173.7	23727.	3687.4
#3	2180.9	23625.	3690.2

Sample Name: CCB Acquired: 6/28/2012 14:00:11 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.219**	**2.304**	**-1.138**	**.6527**	**.2694**	**27.91**
Stddev	8.566	1.072	.609	.9960	.1867	13.51
%RSD	702.5	46.52	53.53	152.6	69.32	48.41
#1	-10.10	1.085	-1.706	1.796	.3831	43.33
#2	-.5468	2.730	-.4949	.1929	.0539	18.15
#3	6.990	3.099	-1.213	-.0303	.3710	22.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0985**	**.3554**	**.2270**	**-3.099**	**14.81**	**87.42**
Stddev	.0633	.2405	.2955	5.778	22.51	44.27
%RSD	64.22	67.67	130.2	186.4	152.0	50.64
#1	.1703	.3017	.3871	-5.757	40.34	132.9
#2	.0511	.6183	.4080	3.529	-2.198	84.99
#3	.0741	.1463	-.1140	-7.071	6.295	44.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.787**	**.3514**	**126.3**	**.2161**	**-.8844**	**.6689**
Stddev	9.736	.3534	56.6	.1010	.4737	.5747
%RSD	110.8	100.6	44.80	46.71	53.56	85.92
#1	19.86	.7209	191.0	.1230	-1.163	1.329
#2	4.958	.3168	102.1	.3234	-1.153	.3947
#3	1.548	.0166	85.92	.2019	-.3375	.2826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 14:00:11 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0438**	**1.452**	**.0921**	**.6507**	**2.207**	**2.128**
Stddev	1.471	.521	.5000	.1610	1.195	.127
%RSD	3362.	35.87	542.9	24.74	54.15	5.972
#1	.4699	1.100	.4111	.6590	3.062	2.198
#2	1.102	1.207	-.4842	.8073	2.717	1.982
#3	-1.703	2.051	.3493	.4857	.8412	2.205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.2408**	**.7464**	**1.408**	**8.619**
Stddev	.4378	.3875	.456	8.533
%RSD	181.8	51.92	32.42	99.00
#1	.4738	1.167	.9964	17.92
#2	.5127	.6679	1.328	6.786
#3	-.2643	.4041	1.899	1.152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2320.4**	**25747.**	**3669.6**
Stddev	12.7	81.	34.4
%RSD	.54814	.31468	.93810
#1	2333.1	25834.	3696.1
#2	2320.5	25733.	3682.1
#3	2307.6	25673.	3630.7

Sample Name: mb 460-117802/1-a Acquired: 6/28/2012 14:03:57 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.722**	**.8296**	**-.9407**	**-.0763**	**.0397**	**43.75**
Stddev	18.43	2.208	.7444	.1306	.0673	25.59
%RSD	677.1	266.2	79.14	171.1	169.4	58.50
#1	18.56	-.0673	-.2738	.0570	-.0142	34.09
#2	-13.26	3.345	-1.744	-.0821	.0183	24.40
#3	-13.47	-.7889	-.8043	-.2040	.1152	72.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0341**	**.1273**	**-.6827**	**-4.721**	**.7805**	**5.405**
Stddev	.0257	.1785	.3541	1.470	3.204	24.04
%RSD	75.42	140.2	51.86	31.14	410.5	444.8
#1	.0375	-.0284	-.2895	-6.312	-1.264	-17.83
#2	.0581	.3220	-.7826	-3.414	4.473	3.860
#3	.0069	.0882	-.9762	-4.437	-.8673	30.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.285**	**-.0633**	**58.61**	**.3669**	**-.9167**	**.7545**
Stddev	5.559	.0572	26.20	.2940	1.221	1.801
%RSD	243.3	90.37	44.71	80.15	133.2	238.7
#1	-4.061	.0028	88.77	.4407	-2.325	2.834
#2	4.621	-.0967	41.40	.0430	-.2597	-.3401
#3	6.295	-.0960	45.67	.6170	-.1653	-.2298
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117802/1-a Acquired: 6/28/2012 14:03:57 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6696	-.0712	.1664	.2103	2.081	-.0362
Stddev	.9844	1.891	.5757	.1592	.866	.1932
%RSD	147.0	2657.	346.0	75.72	41.59	533.7
#1	.1758	-.3508	.4606	.1475	1.825	.1865
#2	1.803	1.944	.5355	.3913	3.046	-.1354
#3	.0298	-1.807	-.4970	.0920	1.372	-.1598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6331	.0918	.9133	-15.27
Stddev	.7316	.1734	.9523	17.57
%RSD	115.6	188.9	104.3	115.0
#1	-.4057	.2858	.3080	-2.515
#2	-.0423	-.0481	2.011	-35.31
#3	-1.451	.0378	.4210	-7.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2318.9	25782.	3650.5
Stddev	1.3	86.	19.5
%RSD	.05631	.33416	.53291
#1	2319.2	25685.	3633.6
#2	2317.5	25849.	3646.2
#3	2320.0	25813.	3671.8

Sample Name: lb 460-117700/1-d@5 Acquired: 6/28/2012 14:07:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-20.42**	**.4805**	**-.2082**	**.5372**	**.0214**	**94.90**
Stddev	23.49	2.093	.0740	.1496	.1046	15.91
%RSD	115.0	435.5	35.55	27.86	488.3	16.76
#1	-8.436	-1.890	-.1610	.5358	-.0730	86.84
#2	-47.48	1.261	-.2935	.6875	.1339	113.2
#3	-5.348	2.071	-.1701	.3883	.0034	84.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0806**	**.2689**	**.0898**	**-2.066**	**-4.176**	**-1114.**
Stddev	.0570	.2628	.2329	3.282	8.123	45.
%RSD	70.69	97.75	259.5	158.9	194.5	4.033
#1	.0797	.0437	.1538	1.261	4.792	-1159.
#2	.1380	.2052	.2840	-5.301	-6.276	-1069.
#3	.0241	.5576	-.1685	-2.157	-11.04	-1113.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15.46**	**.2182**	F **313900.**	**1.611**	**.1020**	**.1486**
Stddev	1.32	.0686	1569.	.362	.3378	2.242
%RSD	8.514	31.44	.4999	22.47	331.3	1509.
#1	14.15	.2442	315600.	1.973	.4224	2.737
#2	16.79	.2701	313300.	1.611	.1343	-1.198
#3	15.45	.1404	312600.	1.250	-.2508	-1.094
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: lb 460-117700/1-d@5 Acquired: 6/28/2012 14:07:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.030**	**1.598**	**.3409**	**2.829**	**3.005**	**-.7287**
Stddev	2.592	2.436	.1152	.089	.588	.3044
%RSD	251.5	152.5	33.79	3.153	19.57	41.78
#1	-1.936	4.096	.3833	2.836	3.474	-.4990
#2	2.170	1.466	.4289	2.914	2.345	-1.074
#3	2.856	-.7698	.2105	2.736	3.197	-.6131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.0729**	**.2457**	**1.420**	**12.16**
Stddev	1.358	.1676	2.160	17.89
%RSD	1861.	68.20	152.2	147.1
#1	1.640	.3018	.5863	-.5216
#2	-.6950	.3780	3.873	4.384
#3	-.7267	.0573	-.1999	32.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2229.2**	**23929.**	**3671.1**
Stddev	1.7	116.	17.2
%RSD	.07668	.48490	.46915
#1	2228.7	23826.	3651.3
#2	2231.1	23907.	3679.1
#3	2227.8	24055.	3682.8

Sample Name: lb 460-117403/1-e@5 Acquired: 6/28/2012 14:11:26 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-11.68**	**-.1383**	**-.7654**	**1.310**	**-.0462**	**32.58**
Stddev	32.16	.7587	.3167	.051	.0405	15.90
%RSD	275.3	548.4	41.38	3.906	87.56	48.82
#1	19.58	-1.014	-.4462	1.259	-.0392	46.28
#2	-9.949	.3089	-.7703	1.361	-.0897	15.14
#3	-44.67	.2904	-1.080	1.309	-.0097	36.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0037**	**.4234**	**-.3916**	**-3.986**	**5.706**	**99.29**
Stddev	.0530	.1428	.1117	3.800	10.24	22.48
%RSD	1419.	33.74	28.52	95.33	179.4	22.64
#1	-.0536	.3016	-.3029	-5.952	-5.763	93.39
#2	-.0095	.5806	-.3549	.3942	13.93	80.34
#3	.0519	.3880	-.5170	-6.399	8.954	124.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.728**	**.0416**	**168.7**	**.2183**	**-.8459**	**1.397**
Stddev	4.569	.1250	84.7	.2634	.5600	.892
%RSD	122.6	300.7	50.20	120.6	66.20	63.81
#1	-1.515	-.0908	257.3	-.0840	-.9075	.7330
#2	6.860	.0580	160.2	.3409	-.2577	1.049
#3	5.841	.1575	88.61	.3981	-1.373	2.411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-117403/1-e@5 Acquired: 6/28/2012 14:11:26 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3715**	**-.0715**	**.2088**	**.8381**	**.8360**	**-.6850**
Stddev	2.109	.6928	.0955	.2480	.8544	.3492
%RSD	567.7	968.2	45.74	29.58	102.2	50.98
#1	-.6885	.4339	.3093	.5624	.0760	-1.015
#2	-2.304	.2127	.1192	1.043	.6712	-.3194
#3	1.878	-.8612	.1980	.9094	1.761	-.7206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.7083**	**.0507**	**.7130**	**-4.760**
Stddev	.6701	.0312	1.681	7.533
%RSD	94.61	61.46	235.7	158.3
#1	-.4737	.0155	-.9002	-9.573
#2	-.1870	.0618	2.454	-8.629
#3	-1.464	.0749	.5851	3.922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2329.1**	**25815.**	**3707.2**
Stddev	4.7	77.	7.9
%RSD	.19981	.29953	.21262
#1	2333.7	25892.	3708.1
#2	2329.1	25816.	3698.8
#3	2324.4	25737.	3714.5

Sample Name: 460-41746-a-1-d@5 Acquired: 6/28/2012 14:15:10 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**130.7**	**1.733**	**-.7514**	**55.45**	**.1023**	**77330.**
Stddev	22.7	2.631	.5282	.52	.0843	211.
%RSD	17.40	151.9	70.30	.9398	82.35	.2728
#1	126.6	-.8055	-.6458	55.71	.0340	77510.
#2	110.2	1.555	-1.324	55.79	.0765	77390.
#3	155.1	4.448	-.2840	54.85	.1965	77100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3981**	**3.424**	**-.6094**	**4.949**	**908.8**	**-504.7**
Stddev	.0599	.245	.3830	9.516	8.9	84.1
%RSD	15.04	7.159	62.85	192.3	.9833	16.66
#1	.4219	3.701	-.2547	-4.979	916.1	-597.3
#2	.3300	3.234	-.5580	5.834	898.9	-432.9
#3	.4424	3.337	-1.016	13.99	911.6	-483.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9619.**	**445.8**	F **323400.**	**6.625**	**2.945**	**-1.214**
Stddev	6.	.7	1985.	.023	2.353	1.670
%RSD	.0644	.1476	.6136	.3428	79.89	137.5
#1	9624.	445.9	325300.	6.638	3.255	.7119
#2	9622.	446.5	323600.	6.599	5.127	-2.108
#3	9612.	445.1	321400.	6.638	.4527	-2.247
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41746-a-1-d@5 Acquired: 6/28/2012 14:15:10 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6395**	**1.787**	**.2190**	**65.62**	**3.861**	**-.6601**
Stddev	2.627	1.337	.2095	.37	.162	.0606
%RSD	410.9	74.82	95.66	.5611	4.202	9.182
#1	3.268	3.114	.0262	66.05	4.016	-.6729
#2	-1.986	.4408	.1888	65.43	3.873	-.7133
#3	.6366	1.805	.4419	65.39	3.692	-.5941
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1267**	**100.5**	**8.031**	**642.2**
Stddev	1.186	.8	1.055	27.7
%RSD	936.3	.7894	13.14	4.314
#1	.4256	101.1	7.120	660.9
#2	.6828	100.8	9.187	610.4
#3	-1.489	99.62	7.785	655.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2205.4**	**23710.**	**3681.2**
Stddev	11.1	126.	28.3
%RSD	.50394	.53176	.76971
#1	2193.8	23725.	3656.2
#2	2206.5	23577.	3675.5
#3	2216.0	23828.	3712.0

Sample Name: 460-41711-a-3-h@5 Acquired: 6/28/2012 14:18:51 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**154.4**	**1.352**	**-.6091**	**117.3**	**.0636**	**4579.**
Stddev	15.7	1.618	.5504	.1	.1087	40.
%RSD	10.17	119.7	90.36	.0991	170.8	.8776
#1	171.8	-.4329	-1.245	117.2	-.0276	4625.
#2	141.3	1.763	-.2845	117.4	.0346	4558.
#3	150.3	2.724	-.2982	117.2	.1838	4554.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3869**	**.5490**	**-.8280**	**.8196**	**53.20**	**-441.2**
Stddev	.0599	.1557	.5616	3.324	17.58	35.6
%RSD	15.49	28.37	67.83	405.5	33.06	8.065
#1	.3869	.3721	-1.175	2.515	61.07	-464.6
#2	.3269	.6656	-1.129	-3.010	65.47	-400.3
#3	.4468	.6093	-.1800	2.953	33.05	-458.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1136.**	**170.2**	F **299600.**	**2.802**	**3.281**	**-.8576**
Stddev	8.	1.0	2723.	.754	.113	1.536
%RSD	.7071	.5750	.9089	26.92	3.446	179.1
#1	1133.	170.9	302600.	3.649	3.223	.9104
#2	1130.	169.1	297200.	2.203	3.412	-1.616
#3	1145.	170.7	299100.	2.553	3.209	-1.867
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41711-a-3-h@5 Acquired: 6/28/2012 14:18:51 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.220**	**.7234**	**-.1031**	**72.71**	**9.479**	**-.7226**
Stddev	5.093	.5463	.3585	.30	1.146	.1065
%RSD	417.4	75.52	347.7	.4150	12.09	14.74
#1	-6.668	.1194	.3107	72.84	8.870	-.6494
#2	3.423	1.183	-.3190	72.93	10.80	-.8448
#3	-.4160	.8677	-.3011	72.36	8.767	-.6736
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.1415**	**28.89**	**1.893**	**357.2**
Stddev	1.215	.07	3.118	10.0
%RSD	859.0	.2269	164.7	2.810
#1	1.298	28.94	5.250	345.7
#2	.2516	28.81	1.340	361.3
#3	-1.125	28.90	-.9120	364.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2250.8**	**24131.**	**3767.7**
Stddev	11.1	99.	70.8
%RSD	.49142	.41120	1.8782
#1	2246.4	24031.	3689.2
#2	2242.6	24133.	3826.5
#3	2263.4	24229.	3787.5

Sample Name: 460-41711-a-5-h@5 Acquired: 6/28/2012 14:22:32 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**137.3**	**1.812**	**-1.008**	**124.0**	**.1352**	**16020.**
Stddev	24.0	2.073	.651	.4	.0435	102.
%RSD	17.51	114.4	64.56	.3560	32.20	.6352
#1	110.2	3.283	-.4661	124.0	.1661	15910.
#2	145.4	-.5595	-.8286	124.4	.1539	16050.
#3	156.2	2.711	-1.730	123.5	.0854	16110.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2778**	**.7709**	**-.4315**	**.0657**	**81.97**	**-515.3**
Stddev	.0601	.0589	.5187	4.480	19.24	67.1
%RSD	21.63	7.646	120.2	6820.	23.47	13.03
#1	.2835	.7645	.1287	-4.288	59.88	-557.2
#2	.2150	.7154	-.8951	4.663	90.94	-437.9
#3	.3348	.8328	-.5281	-.1779	95.10	-550.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1522.**	**285.3**	F **305000.**	**3.331**	**2.454**	**-.8449**
Stddev	16.	.6	501.	.208	.180	1.926
%RSD	1.034	.1994	.1642	6.244	7.334	228.0
#1	1534.	285.2	305100.	3.327	2.563	-.3483
#2	1528.	285.9	304400.	3.124	2.554	-2.971
#3	1505.	284.8	305400.	3.540	2.247	.7847
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41711-a-5-h@5 Acquired: 6/28/2012 14:22:32 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9981**	**-.2221**	**.0880**	**13.60**	**6.967**	**-.7726**
Stddev	2.963	2.696	.5255	.17	.537	.1082
%RSD	296.9	1214.	597.2	1.232	7.702	14.00
#1	-2.218	-3.180	.1927	13.79	7.515	-.8598
#2	-3.157	2.098	-.4819	13.52	6.442	-.6516
#3	2.380	.4158	.5532	13.48	6.944	-.8065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1411**	**42.18**	**4.824**	**468.4**
Stddev	.7887	.26	2.154	6.5
%RSD	558.9	.6123	44.64	1.386
#1	.7685	41.99	6.920	468.6
#2	-.6341	42.08	2.617	461.8
#3	-.5578	42.47	4.936	474.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2238.5**	**24222.**	**3759.8**
Stddev	17.9	288.	32.1
%RSD	.79835	1.1885	.85299
#1	2234.3	23973.	3728.0
#2	2258.1	24537.	3792.2
#3	2223.2	24156.	3759.1

Sample Name: 460-41725-a-1-e@5 Acquired: 6/28/2012 14:26:13 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**139.6**	**2.766**	**-1.166**	**26.63**	**.0950**	**29010.**
Stddev	29.0	.859	.314	.04	.0410	145.
%RSD	20.78	31.06	26.91	.1426	43.11	.5008
#1	167.3	1.777	-1.317	26.66	.1077	28920.
#2	142.1	3.192	-.8053	26.64	.0492	28920.
#3	109.4	3.329	-1.376	26.58	.1282	29170.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3766**	**22.00**	**1.192**	**1.442**	**7194.**	**-273.2**
Stddev	.0688	.15	.416	5.098	33.	23.8
%RSD	18.27	.6747	34.91	353.4	.4517	8.708
#1	.3070	22.11	1.651	-3.695	7221.	-262.6
#2	.4446	21.83	.8410	1.522	7203.	-300.5
#3	.3783	22.07	1.083	6.499	7158.	-256.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4097.**	**205.0**	F **303500.**	**70.38**	**5.632**	**-1.690**
Stddev	15.	.5	735.	.29	.717	1.741
%RSD	.3616	.2206	.2423	.4071	12.73	103.0
#1	4109.	205.1	303900.	70.70	6.270	-1.804
#2	4102.	205.4	302600.	70.28	4.856	-3.371
#3	4080.	204.5	303900.	70.15	5.770	.1051
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41725-a-1-e@5 Acquired: 6/28/2012 14:26:13 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.516**	**1.739**	**.2738**	**61.04**	**13.40**	**-.9905**
Stddev	3.257	1.473	.3916	.32	1.15	.2604
%RSD	129.5	84.69	143.0	.5261	8.598	26.29
#1	5.687	.1744	.6533	61.06	12.12	-1.288
#2	2.683	1.945	-.1289	61.35	13.72	-.8034
#3	-.8214	3.099	.2970	60.71	14.35	-.8802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.6614**	**69.21**	**3.945**	**1648.**
Stddev	.2466	.58	2.531	24.
%RSD	37.28	.8325	64.17	1.438
#1	.6004	68.58	6.759	1655.
#2	.4510	69.32	1.852	1621.
#3	.9328	69.71	3.224	1667.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2217.9**	**23977.**	**3680.5**
Stddev	10.7	137.	11.8
%RSD	.48216	.56945	.32029
#1	2205.7	23842.	3673.4
#2	2222.4	23973.	3674.0
#3	2225.6	24115.	3694.1

Sample Name: 460-41746-a-2-f@5 Acquired: 6/28/2012 14:29:54 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**194.2**	**1.590**	**-.2097**	**33.99**	**-.0530**	**102100.**
Stddev	25.1	.974	.1884	.15	.0577	277.
%RSD	12.92	61.24	89.84	.4279	108.7	.2711
#1	165.2	.4702	-.4025	34.13	.0026	102400.
#2	208.3	2.062	-.0261	34.01	-.1125	102000.
#3	209.0	2.237	-.2004	33.84	-.0492	101900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3395**	**1.319**	**-.5890**	**-1.679**	**791.0**	**-232.3**
Stddev	.0776	.269	.3500	1.850	11.3	83.3
%RSD	22.84	20.36	59.41	110.2	1.432	35.87
#1	.3010	1.547	-.2395	-3.814	779.5	-325.8
#2	.2888	1.023	-.9394	-.5573	802.2	-204.9
#3	.4288	1.388	-.5881	-.6655	791.3	-166.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5786.**	**548.1**	F **284900.**	**4.174**	**1.231**	**-1.432**
Stddev	9.	1.5	1573.	.232	1.036	3.239
%RSD	.1524	.2724	.5521	5.554	84.14	226.2
#1	5777.	548.3	286600.	3.911	1.209	.0244
#2	5795.	549.4	284600.	4.350	2.278	-5.144
#3	5786.	546.5	283500.	4.261	.2063	.8234
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41746-a-2-f@5 Acquired: 6/28/2012 14:29:54 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.404**	**-.6643**	**.5749**	**70.28**	**3.589**	**-.8105**
Stddev	1.155	1.045	.0737	.19	.442	.0466
%RSD	82.30	157.4	12.82	.2640	12.30	5.745
#1	1.785	-1.259	.5494	70.16	4.096	-.8561
#2	.1061	.5427	.5174	70.49	3.283	-.8124
#3	2.321	-1.277	.6580	70.19	3.390	-.7630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-1.168**	**149.9**	**14.83**	**814.2**
Stddev	.440	.1	.77	16.7
%RSD	37.67	.0806	5.190	2.048
#1	-.6812	149.9	13.95	795.0
#2	-1.287	149.9	15.37	825.0
#3	-1.537	150.1	15.16	822.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2253.8**	**24391.**	**3783.7**
Stddev	5.1	135.	37.7
%RSD	.22494	.55415	.99639
#1	2251.0	24237.	3750.0
#2	2250.7	24446.	3776.7
#3	2259.6	24490.	3824.4

Sample Name: 360-41238-a-1-e@5 Acquired: 6/28/2012 14:33:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-21.83**	**2.826**	**-.6146**	**6.725**	**.0497**	**2422.**
Stddev	13.24	1.953	.5070	.107	.0803	43.
%RSD	60.64	69.12	82.49	1.586	161.7	1.760
#1	-8.751	4.998	-.6593	6.848	.0496	2463.
#2	-35.22	1.214	-1.098	6.654	-.0306	2426.
#3	-21.52	2.266	-.0867	6.673	.1300	2378.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1396**	**.6581**	**-.1470**	**-4.314**	**516.0**	**575.0**
Stddev	.0427	.1481	.3136	4.639	7.2	26.7
%RSD	30.60	22.50	213.4	107.5	1.388	4.648
#1	.1062	.6039	-.1910	-7.988	524.0	555.4
#2	.1877	.5448	.1863	.8994	513.7	564.1
#3	.1248	.8257	-.4361	-5.853	510.3	605.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13150.**	**53.70**	**4077.**	**2.158**	**1.171**	**.9638**
Stddev	24.	.14	92.	.235	1.071	3.698
%RSD	.1823	.2552	2.262	10.90	91.45	383.7
#1	13140.	53.85	4171.	1.976	-.0555	4.919
#2	13140.	53.58	4073.	2.423	1.920	.3786
#3	13180.	53.67	3987.	2.074	1.649	-2.407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-41238-a-1-e@5 Acquired: 6/28/2012 14:33:36 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.840**	**-1.479**	**.2335**	**19.01**	**10.92**	**-.5793**
Stddev	3.999	.805	.1602	.30	.45	.0898
%RSD	140.8	54.43	68.61	1.586	4.083	15.50
#1	-1.621	-2.123	.3592	18.93	10.60	-.6151
#2	4.039	-1.738	.2882	19.34	11.43	-.6457
#3	6.103	-.5765	.0531	18.75	10.74	-.4771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.1237**	**7.685**	**.3190**	**570.1**
Stddev	.7231	.203	1.637	14.3
%RSD	584.4	2.636	513.0	2.510
#1	.3975	7.459	1.649	555.4
#2	.6699	7.850	-1.509	583.9
#3	-.6963	7.746	.8168	571.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2398.3**	**26541.**	**3856.1**
Stddev	7.1	112.	14.0
%RSD	.29418	.42167	.36198
#1	2400.1	26576.	3863.4
#2	2404.3	26632.	3840.0
#3	2390.5	26416.	3865.0

Sample Name: lcs 460-117822/2-a Acquired: 6/28/2012 14:37:19 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1881.**	**1924.**	**47.07**	**1997.**	**46.67**	**19140.**
Stddev	9.	1.	.32	5.	.33	23.
%RSD	.4899	.0754	.6822	.2463	.6963	.1177
#1	1890.	1925.	47.44	2002.	46.82	19150.
#2	1881.	1923.	46.82	1996.	46.89	19150.
#3	1872.	1925.	46.97	1992.	46.30	19110.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.12**	**502.6**	**196.3**	**237.7**	**997.4**	**18470.**
Stddev	.15	1.6	.3	5.7	1.5	109.
%RSD	.2893	.3215	.1283	2.409	.1510	.5882
#1	51.14	504.5	196.3	233.5	998.4	18380.
#2	51.26	502.0	196.6	235.4	998.1	18590.
#3	50.97	501.5	196.1	244.2	995.6	18430.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19240.**	**501.9**	**19190.**	**508.9**	**519.2**	**480.7**
Stddev	53.	1.5	67.	1.4	.4	5.1
%RSD	.2775	.2975	.3480	.2799	.0704	1.068
#1	19210.	501.7	19190.	510.5	519.4	485.9
#2	19300.	503.5	19250.	507.8	519.5	480.6
#3	19220.	500.6	19120.	508.5	518.8	475.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-117822/2-a Acquired: 6/28/2012 14:37:19 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1954.**	**2175.**	**477.3**	**504.7**	**509.6**	**488.2**
Stddev	4.	8.	1.2	1.1	1.3	1.6
%RSD	.1792	.3719	.2611	.2097	.2626	.3298
#1	1957.	2181.	476.5	505.4	510.6	489.5
#2	1953.	2179.	478.7	505.2	510.2	488.7
#3	1950.	2166.	476.6	503.5	508.1	486.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**503.8**	**464.7**	**494.1**	F **53.00**
Stddev	2.9	1.4	2.3	8.82
%RSD	.5691	.2963	.4565	16.63
#1	506.8	465.4	495.1	55.25
#2	503.5	465.7	495.6	60.48
#3	501.1	463.2	491.5	43.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				2000.
Range				-15.00%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2372.2**	**25908.**	**3828.0**
Stddev	3.4	249.	22.2
%RSD	.14160	.95976	.57971
#1	2371.9	26133.	3845.7
#2	2375.7	25641.	3803.1
#3	2369.0	25950.	3835.2

Sample Name: CCV Acquired: 6/28/2012 14:40:45 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123800.**	**2521.**	**1240.**	**10150.**	**946.8**	**120700.**
Stddev	275.	3.	3.	9.	1.8	88.
%RSD	.2224	.1065	.2030	.0890	.1923	.0732
#1	123500.	2521.	1238.	10140.	947.1	120600.
#2	124000.	2523.	1243.	10160.	948.5	120800.
#3	123900.	2518.	1240.	10150.	944.9	120700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1274.**	**2495.**	**5004.**	**12160.**	**99630.**	**48360.**
Stddev	2.	3.	10.	26.	155.	167.
%RSD	.1730	.1342	.2059	.2143	.1559	.3454
#1	1271.	2492.	4993.	12170.	99520.	48170.
#2	1276.	2498.	5003.	12170.	99560.	48470.
#3	1274.	2493.	5014.	12130.	99810.	48440.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123200.**	**4996.**	**123200.**	**2513.**	**7601.**	**1035.**
Stddev	410.	3.	52.	2.	8.	3.
%RSD	.3326	.0641	.0424	.0740	.1026	.3374
#1	122700.	4996.	123200.	2513.	7598.	1032.
#2	123200.	4993.	123300.	2514.	7610.	1034.
#3	123600.	5000.	123200.	2511.	7596.	1039.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 14:40:45 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2475.**	**2563.**	**2463.**	**2501.**	**1012.**	**2560.**
Stddev	6.	3.	2.	2.	.	5.
%RSD	.2480	.1130	.0614	.0836	.0150	.1858
#1	2469.	2563.	2462.	2498.	1013.	2556.
#2	2481.	2566.	2462.	2502.	1012.	2565.
#3	2474.	2560.	2464.	2502.	1012.	2559.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1006.**	**4920.**	**10120.**	**9968.**
Stddev	3.	9.	20.	34.
%RSD	.3026	.1745	.1980	.3368
#1	1003.	4917.	10100.	9956.
#2	1009.	4929.	10120.	10010.
#3	1007.	4912.	10140.	9942.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2185.0**	**23777.**	**3698.9**
Stddev	5.0	33.	15.0
%RSD	.22947	.13837	.40453
#1	2181.2	23747.	3702.1
#2	2183.1	23771.	3712.0
#3	2190.7	23812.	3682.6

Sample Name: CCB Acquired: 6/28/2012 14:44:04 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-12.81**	**3.331**	**-.4621**	**.4690**	**.1217**	**24.83**
Stddev	20.18	1.748	.8654	.5848	.1191	32.14
%RSD	157.5	52.46	187.3	124.7	97.84	129.4
#1	-1.834	4.327	-1.231	1.141	.2476	60.32
#2	-.5037	4.353	-.6303	.0731	.1064	16.51
#3	-36.10	1.313	.4751	.1931	.0110	-2.322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1516**	**.3673**	**-.0623**	**-2.027**	**7.035**	**108.5**
Stddev	.0733	.1958	.5946	4.496	13.68	84.3
%RSD	48.33	53.31	954.0	221.8	194.4	77.71
#1	.2341	.4944	.5909	-4.558	22.61	137.2
#2	.0940	.4656	-.2058	-4.686	1.476	174.8
#3	.1268	.1418	-.5721	3.165	-2.986	13.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.03**	**.4207**	**92.02**	**.3904**	**.5264**	**.9876**
Stddev	11.92	.3694	40.63	.1782	.2553	2.495
%RSD	84.92	87.82	44.15	45.64	48.50	252.6
#1	27.17	.8439	138.3	.2385	.8107	.8712
#2	11.01	.2551	75.59	.3462	.3166	3.539
#3	3.918	.1630	62.18	.5865	.4520	-1.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 14:44:04 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7800**	**1.492**	**.0696**	**.5559**	**1.455**	**2.309**
Stddev	3.880	1.920	.4606	.2041	.973	.672
%RSD	497.4	128.7	661.6	36.71	66.84	29.13
#1	2.237	-.2700	.4412	.7751	2.568	2.922
#2	.5789	3.539	-.4457	.5210	.7691	2.414
#3	-5.156	1.207	.2133	.3715	1.028	1.590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1598**	**.5405**	**2.178**	**.6006**
Stddev	.3807	.5269	1.228	6.867
%RSD	238.3	97.48	56.40	1143.
#1	-.5427	1.117	3.593	2.643
#2	-.1553	.4200	1.554	6.215
#3	.2187	.0843	1.387	-7.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2348.0**	**26038.**	**3732.0**
Stddev	11.1	55.	21.3
%RSD	.47293	.21093	.57162
#1	2360.9	26055.	3738.3
#2	2341.9	26082.	3749.4
#3	2341.4	25977.	3708.2

Sample Name: mb 460-117822/1-a Acquired: 6/28/2012 14:47:51 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-30.43**	**-.3793**	**-1.083**	**.0062**	**.1054**	**14.43**
Stddev	14.16	.4938	.642	.1385	.0861	4.49
%RSD	46.55	130.2	59.32	2241.	81.73	31.09
#1	-14.07	-.1143	-1.768	-.0959	.2007	19.59
#2	-38.55	-.9490	-.9860	-.0494	.0333	12.13
#3	-38.65	-.0746	-.4946	.1638	.0821	11.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0871**	**.2489**	**-.1130**	**.3154**	**-4.231**	**28.44**
Stddev	.0109	.0683	.3440	3.560	5.152	68.03
%RSD	12.46	27.45	304.3	1129.	121.8	239.2
#1	.0989	.1704	-.4578	-.2316	-2.675	91.92
#2	.0847	.2942	.2302	4.117	-9.982	36.77
#3	.0776	.2823	-.1115	-2.939	-.0358	-43.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.365**	**.0955**	**17.79**	**-.1468**	**-.8911**	**.5306**
Stddev	2.186	.1015	17.60	.0641	.5846	1.360
%RSD	92.43	106.2	98.93	43.65	65.60	256.2
#1	4.881	.2102	33.51	-.1686	-.2162	1.836
#2	.9399	.0173	21.06	-.0747	-1.239	-.8775
#3	1.273	.0591	-1.218	-.1971	-1.218	.6335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117822/1-a Acquired: 6/28/2012 14:47:51 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0262	1.722	-.0397	-.0386	.4413	-.6517
Stddev	2.648	.893	.1923	.1616	.4069	.1577
%RSD	10100.	51.84	485.0	419.0	92.20	24.21
#1	2.477	.8857	-.0525	-.2171	.9104	-.4721
#2	-2.782	1.618	.1587	.0978	.2294	-.7154
#3	.3828	2.662	-.2252	.0036	.1841	-.7676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.213	-.0533	.6429	-4.483
Stddev	.855	.3165	.4261	25.93
%RSD	70.45	594.4	66.29	578.4
#1	-.2471	.2989	1.035	-4.911
#2	-1.521	-.1446	.1896	21.66
#3	-1.871	-.3141	.7036	-30.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2377.9	26277.	3729.7
Stddev	6.8	95.	30.9
%RSD	.28553	.36205	.82889
#1	2385.8	26387.	3763.0
#2	2373.7	26222.	3702.0
#3	2374.3	26222.	3724.0

Sample Name: 460-41702-h-1-c du Acquired: 6/28/2012 14:51:35 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**33.18**	**2.950**	**-.6582**	**14.76**	**-.0046**	**3349.**
Stddev	27.35	1.163	.2440	.18	.0657	24.
%RSD	82.42	39.43	37.07	1.211	1422.	.7083
#1	55.41	2.034	-.9280	14.89	.0654	3329.
#2	2.642	2.558	-.4529	14.56	-.0648	3375.
#3	41.50	4.259	-.5939	14.85	-.0145	3344.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.179**	**.5670**	**.3637**	**2.338**	**10410.**	**1352.**
Stddev	.042	.1151	.1326	5.263	23.	9.
%RSD	1.911	20.30	36.45	225.1	.2232	.6479
#1	2.225	.4346	.2813	8.089	10430.	1361.
#2	2.144	.6228	.2932	-2.238	10380.	1343.
#3	2.167	.6435	.5166	1.162	10410.	1352.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**343.4**	**63.46**	**1106.**	**1.924**	**2.063**	**1.346**
Stddev	3.1	.21	16.	.287	1.097	.643
%RSD	.9150	.3327	1.419	14.89	53.19	47.75
#1	340.4	63.61	1124.	2.253	2.163	.7350
#2	343.2	63.55	1093.	1.726	3.107	1.286
#3	346.7	63.22	1102.	1.795	.9189	2.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41702-h-1-c du Acquired: 6/28/2012 14:51:35 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2163**	**1.933**	**.4355**	**108.7**	**11.45**	**.9476**
Stddev	.5426	1.095	.5291	.3	.86	.5549
%RSD	250.9	56.63	121.5	.2410	7.548	58.56
#1	.3810	.6912	1.041	108.9	12.26	.8544
#2	-.6788	2.758	.2066	108.4	10.54	.4451
#3	-.3510	2.350	.0594	108.8	11.55	1.543
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.0337**	**14.00**	**2.857**	**597.8**
Stddev	.9632	.30	.260	4.0
%RSD	2854.	2.172	9.083	.6721
#1	-.7078	13.79	2.557	597.7
#2	-.4628	13.86	3.001	601.9
#3	1.069	14.35	3.013	593.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2387.5**	**26349.**	**3778.6**
Stddev	5.7	101.	18.9
%RSD	.23836	.38405	.49925
#1	2394.0	26342.	3797.8
#2	2384.1	26453.	3760.1
#3	2384.2	26251.	3777.8

Sample Name: 460-41702-h-1-b Acquired: 6/28/2012 14:55:17 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47.11**	**3.378**	**-.5739**	**14.61**	**.0898**	**3353.**
Stddev	7.12	2.465	1.165	.20	.0767	21.
%RSD	15.12	72.99	203.0	1.341	85.47	.6378
#1	53.21	3.167	-1.880	14.59	.0538	3329.
#2	39.28	1.025	-.2011	14.81	.1779	3370.
#3	48.85	5.942	.3592	14.42	.0376	3361.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.233**	**.8030**	**.6881**	**2.357**	**10370.**	**1348.**
Stddev	.127	.0888	.1472	3.608	43.	54.
%RSD	5.695	11.06	21.39	153.1	.4166	3.988
#1	2.090	.8763	.6882	.8532	10400.	1409.
#2	2.275	.8284	.8353	6.473	10380.	1308.
#3	2.334	.7043	.5409	-.2553	10320.	1328.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**337.0**	**63.26**	**1106.**	**1.707**	**1.241**	**3.406**
Stddev	4.0	.25	7.	.318	.765	3.292
%RSD	1.177	.3950	.6176	18.65	61.65	96.66
#1	341.0	63.54	1103.	1.488	1.819	3.270
#2	337.1	63.17	1100.	1.561	1.530	.1838
#3	333.0	63.07	1113.	2.072	.3734	6.764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41702-h-1-b Acquired: 6/28/2012 14:55:17 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2049**	**.3158**	**-.0067**	**108.0**	**12.05**	**.6091**
Stddev	4.302	.7633	.5562	.3	.68	.0858
%RSD	2099.	241.7	8268.	.2485	5.649	14.09
#1	.3844	-.5646	.0106	108.2	12.15	.7074
#2	4.414	.7924	.5406	108.1	11.33	.5703
#3	-4.184	.7195	-.5713	107.7	12.68	.5495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1996**	**13.93**	**2.529**	**612.3**
Stddev	.6487	.17	.145	16.2
%RSD	325.0	1.213	5.731	2.642
#1	-.7940	13.74	2.426	603.4
#2	-.2972	13.99	2.467	631.0
#3	.4924	14.06	2.695	602.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2383.9**	**26340.**	**3761.6**
Stddev	9.8	103.	23.4
%RSD	.41275	.39291	.62191
#1	2392.4	26457.	3788.6
#2	2386.2	26302.	3748.5
#3	2373.1	26261.	3747.8

Sample Name: sd 460-41702-h-1-b@5 Acquired: 6/28/2012 14:58:58 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-7.264**	**2.120**	**-.1845**	**2.757**	**-.0059**	**663.8**
Stddev	8.807	3.840	.3741	.035	.0440	6.1
%RSD	121.2	181.2	202.7	1.285	743.2	.9197
#1	2.574	1.227	-.5811	2.718	-.0417	669.6
#2	-9.954	-1.196	.1621	2.764	.0433	664.3
#3	-14.41	6.328	-.1347	2.788	-.0193	657.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4121**	**.3863**	**-.0621**	**2.628**	**2021.**	**283.3**
Stddev	.0410	.3524	.1379	8.474	14.	27.8
%RSD	9.947	91.22	222.1	322.5	.7069	9.821
#1	.4308	.2462	.0970	11.91	2030.	252.0
#2	.4404	.1256	-.1469	-4.703	2005.	292.5
#3	.3651	.7872	-.1363	.6800	2029.	305.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**68.09**	**12.38**	**237.4**	**.1938**	**-.1567**	**-1.085**
Stddev	1.76	.03	16.6	.2634	.5754	1.355
%RSD	2.582	.2194	7.002	135.9	367.1	124.9
#1	69.02	12.35	253.6	.0211	.4371	.1345
#2	66.06	12.40	220.3	.4969	-.7117	-2.543
#3	69.18	12.37	238.4	.0634	-.1957	-.8453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41702-h-1-b@5 Acquired: 6/28/2012 14:58:58 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.962**	**.9163**	**.4782**	**21.03**	**2.291**	**-.4802**
Stddev	2.026	.8138	.2891	.27	.501	.2998
%RSD	103.2	88.82	60.46	1.262	21.88	62.44
#1	-.3763	1.766	.4873	21.17	2.645	-.7303
#2	3.113	.8398	.1846	21.20	1.717	-.1479
#3	3.151	.1434	.7625	20.72	2.510	-.5624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.0123**	**2.864**	**-.2693**	**112.5**
Stddev	.4549	.125	1.155	12.6
%RSD	3687.	4.352	429.0	11.16
#1	.5095	2.814	.9224	126.2
#2	-.0896	2.771	-1.384	109.7
#3	-.3829	3.005	-.3458	101.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2329.1**	**25939.**	**3663.6**
Stddev	2.1	94.	14.7
%RSD	.09181	.36081	.40098
#1	2329.8	25862.	3648.7
#2	2326.7	25911.	3663.9
#3	2330.8	26043.	3678.1

Sample Name: 460-41702-h-1-d ms Acquired: 6/28/2012 15:02:41 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1989.**	**1917.**	**47.06**	**2010.**	**47.69**	**22740.**
Stddev	38.	4.	.44	2.	.37	90.
%RSD	1.910	.2321	.9383	.1002	.7679	.3953
#1	1973.	1912.	46.57	2008.	47.84	22780.
#2	2032.	1919.	47.18	2012.	47.96	22800.
#3	1962.	1921.	47.43	2011.	47.27	22630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.82**	**504.4**	**195.6**	**252.1**	**10960.**	**20110.**
Stddev	.05	.9	.5	2.2	16.	62.
%RSD	.0983	.1782	.2574	.8590	.1436	.3063
#1	52.83	503.5	196.0	250.1	10950.	20140.
#2	52.76	505.2	195.1	254.4	10970.	20040.
#3	52.86	504.6	195.9	251.9	10950.	20150.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19260.**	**565.5**	**20480.**	**508.9**	**519.4**	**485.9**
Stddev	31.	.8	66.	2.1	2.3	2.5
%RSD	.1589	.1462	.3244	.4047	.4448	.5054
#1	19230.	565.0	20530.	506.6	521.9	488.7
#2	19260.	566.4	20510.	510.3	517.2	485.0
#3	19290.	565.0	20400.	509.9	519.2	484.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41702-h-1-d ms Acquired: 6/28/2012 15:02:41 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1926.**	**2155.**	**478.1**	**607.8**	**517.8**	**492.6**
Stddev	3.	3.	.4	.3	2.6	1.4
%RSD	.1526	.1346	.0882	.0454	.4999	.2811
#1	1928.	2152.	478.0	607.7	515.4	494.1
#2	1927.	2155.	477.8	608.2	517.4	492.4
#3	1923.	2157.	478.6	607.6	520.6	491.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**505.5**	**486.3**	**505.2**	**691.7**
Stddev	.8	2.0	.8	28.3
%RSD	.1537	.4026	.1568	4.098
#1	506.4	485.4	506.1	659.8
#2	505.3	488.5	504.7	714.0
#3	504.8	484.9	504.8	701.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2322.8**	**25536.**	**3705.6**
Stddev	4.9	141.	17.8
%RSD	.20902	.55350	.48091
#1	2328.4	25697.	3697.6
#2	2320.2	25431.	3693.2
#3	2319.7	25480.	3726.1

Sample Name: pds 460-41702-h-1-b Acquired: 6/28/2012 15:06:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1984.**	**1928.**	**48.37**	**2014.**	**47.39**	**22550.**
Stddev	9.	9.	.56	.	.12	41.
%RSD	.4488	.4508	1.151	.0248	.2463	.1799
#1	1982.	1926.	47.84	2014.	47.31	22550.
#2	1976.	1921.	48.95	2013.	47.52	22590.
#3	1994.	1938.	48.32	2014.	47.33	22510.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.97**	**503.4**	**196.3**	**249.1**	**10980.**	**19960.**
Stddev	.02	.9	.6	1.6	42.	165.
%RSD	.0373	.1791	.3290	.6517	.3791	.8286
#1	52.98	502.6	197.0	248.0	10990.	20000.
#2	52.98	503.2	195.7	251.0	10930.	19780.
#3	52.94	504.4	196.2	248.5	11010.	20100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19360.**	**562.1**	**20360.**	**509.8**	**518.2**	**487.1**
Stddev	2.	.7	21.	.5	1.7	1.6
%RSD	.0122	.1187	.1012	.1058	.3291	.3386
#1	19360.	562.5	20340.	509.1	518.0	485.2
#2	19360.	562.5	20380.	509.9	516.7	488.2
#3	19360.	561.3	20370.	510.2	520.0	487.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41702-h-1-b Acquired: 6/28/2012 15:06:05 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1940.**	**2170.**	**479.0**	**609.5**	**516.7**	**494.5**
Stddev	7.	4.	.8	.3	1.6	.5
%RSD	.3636	.1657	.1614	.0447	.3150	.1095
#1	1939.	2166.	479.7	609.9	515.6	495.1
#2	1933.	2170.	479.1	609.4	516.0	494.2
#3	1947.	2173.	478.1	609.4	518.6	494.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**505.6**	**482.7**	**502.8**	**667.6**
Stddev	.8	1.5	2.2	12.6
%RSD	.1525	.3203	.4340	1.880
#1	504.7	482.4	500.5	667.2
#2	506.0	484.3	503.2	655.3
#3	506.1	481.3	504.8	680.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2326.1**	**25533.**	**3727.7**
Stddev	7.3	143.	11.6
%RSD	.31249	.56074	.31151
#1	2334.4	25670.	3740.9
#2	2321.0	25384.	3723.3
#3	2322.9	25544.	3718.9

Sample Name: 460-41719-j-4-a Acquired: 6/28/2012 15:09:29 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18.70**	**18.72**	**-.6551**	**23.72**	**-.0478**	F **263100.**
Stddev	10.18	.85	.5739	.18	.1046	287.
%RSD	54.46	4.561	87.60	.7626	218.7	.1091
#1	15.10	18.68	-1.042	23.87	.0661	263200.
#2	30.19	17.88	.0042	23.78	-.0700	263300.
#3	10.81	19.59	-.9269	23.52	-.1396	262800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2054**	**3.556**	**-2.031**	**-4.380**	**71640.**	**10260.**
Stddev	.0752	.198	.351	2.136	98.	61.
%RSD	36.62	5.561	17.26	48.75	.1371	.5967
#1	.1913	3.359	-2.185	-6.845	71700.	10230.
#2	.1383	3.754	-1.630	-3.074	71690.	10230.
#3	.2867	3.555	-2.278	-3.223	71530.	10330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**63830.**	**2087.**	**103100.**	**114.8**	**9.525**	**.9884**
Stddev	97.	3.	89.	.2	2.106	3.217
%RSD	.1527	.1473	.0868	.1706	22.11	325.4
#1	63940.	2091.	103000.	115.0	10.05	2.456
#2	63740.	2087.	103200.	114.6	7.208	-2.700
#3	63810.	2084.	103100.	114.8	11.32	3.210
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41719-j-4-a Acquired: 6/28/2012 15:09:29 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0729**	**5.161**	**3.019**	**31.56**	**241.8**	**3.414**
Stddev	1.918	2.543	.660	.14	1.3	.243
%RSD	2632.	49.27	21.85	.4497	.5421	7.122
#1	-1.006	7.816	2.630	31.48	241.1	3.347
#2	2.287	2.747	2.646	31.72	243.3	3.684
#3	-1.062	4.921	3.781	31.46	240.9	3.212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.0945**	**1471.**	**2.700**	**10380.**
Stddev	.9775	3.	2.274	102.
%RSD	1035.	.1716	84.21	.9843
#1	-.2152	1471.	.1702	10320.
#2	.9378	1474.	3.357	10500.
#3	-1.006	1469.	4.573	10330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2225.4**	**24354.**	**3728.0**
Stddev	10.7	22.	27.8
%RSD	.48036	.09082	.74449
#1	2237.7	24366.	3740.1
#2	2220.3	24368.	3747.6
#3	2218.2	24329.	3696.3

Sample Name: 460-41719-j-5-a Acquired: 6/28/2012 15:13:08 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**836.2**	**8.004**	**-.4526**	**43.37**	**.1205**	**23240.**
Stddev	18.2	2.142	.7405	.20	.0464	59.
%RSD	2.179	26.76	163.6	.4538	38.54	.2536
#1	857.0	7.516	-.9089	43.16	.1738	23310.
#2	828.8	6.148	.4018	43.39	.0987	23210.
#3	822.8	10.35	-.8506	43.55	.0890	23200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3239**	**3.354**	**4.302**	**-2.104**	**13080.**	**4358.**
Stddev	.0687	.142	.223	3.385	33.	53.
%RSD	21.21	4.221	5.185	160.9	.2548	1.206
#1	.2458	3.463	4.526	1.342	13080.	4406.
#2	.3749	3.405	4.300	-2.229	13120.	4302.
#3	.3510	3.194	4.080	-5.424	13050.	4366.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3486.**	**164.0**	**10580.**	**5.374**	**5.842**	**.1379**
Stddev	8.	.1	21.	.110	1.425	1.092
%RSD	.2408	.0805	.1977	2.054	24.40	792.1
#1	3480.	163.8	10600.	5.302	7.414	-.4314
#2	3496.	164.0	10560.	5.501	5.475	1.397
#3	3482.	164.1	10570.	5.319	4.636	-.5519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41719-j-5-a Acquired: 6/28/2012 15:13:08 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8957**	**1.854**	**19.17**	**21.45**	**71.95**	**.7666**
Stddev	.7205	.254	.51	.07	.42	.2474
%RSD	80.45	13.70	2.657	.3407	.5801	32.27
#1	-1.088	1.618	18.92	21.49	71.53	.6264
#2	-.0983	1.820	19.76	21.37	72.36	.6211
#3	-1.500	2.123	18.84	21.50	71.96	1.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.189**	**232.3**	**20.19**	**8268.**
Stddev	.678	.4	1.22	52.
%RSD	13.06	.1927	6.059	.6255
#1	5.970	232.7	18.83	8327.
#2	4.841	231.8	20.55	8229.
#3	4.756	232.4	21.19	8249.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2380.5**	**26128.**	**3812.7**
Stddev	6.2	50.	23.2
%RSD	.25861	.19131	.60844
#1	2387.6	26182.	3836.0
#2	2376.6	26083.	3789.6
#3	2377.4	26120.	3812.4

Sample Name: 460-41719-j-6-a Acquired: 6/28/2012 15:16:47 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2464.**	**38.55**	**-.1803**	**409.5**	**.0487**	**246800.**
Stddev	50.	.53	.5490	.2	.1204	1323.
%RSD	2.030	1.365	304.5	.0579	247.0	.5358
#1	2411.	38.71	-.7576	409.5	-.0171	247100.
#2	2511.	38.98	.3353	409.3	-.0243	248000.
#3	2470.	37.96	-.1187	409.8	.1876	245400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1093**	**3.103**	**5.539**	**-.1274**	**60220.**	**10160.**
Stddev	.0283	.064	.128	1.762	103.	63.
%RSD	25.93	2.061	2.317	1383.	.1703	.6179
#1	.1409	3.033	5.422	1.743	60280.	10130.
#2	.1008	3.119	5.519	-.3709	60270.	10230.
#3	.0862	3.158	5.676	-1.755	60100.	10120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31670.**	**3832.**	F **289100.**	**21.09**	**6.415**	**-1.809**
Stddev	120.	1.	1410.	.16	.731	2.564
%RSD	.3788	.0158	.4879	.7516	11.39	141.7
#1	31760.	3832.	290000.	20.91	6.766	-4.763
#2	31720.	3832.	289800.	21.21	5.575	-.1696
#3	31540.	3831.	287400.	21.15	6.904	-.4946
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41719-j-6-a Acquired: 6/28/2012 15:16:47 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.710**	**1.679**	**11.97**	**17.82**	**301.9**	**3.561**
Stddev	3.434	1.179	.84	.12	2.1	.201
%RSD	200.8	70.22	6.991	.6561	.6798	5.656
#1	-4.778	2.566	12.51	17.92	299.7	3.340
#2	1.999	2.130	11.01	17.69	302.2	3.609
#3	-2.351	.3410	12.40	17.85	303.8	3.735
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.2649**	**1254.**	**117.3**	F **21890.**
Stddev	1.289	5.	3.0	568.
%RSD	486.7	.3713	2.593	2.596
#1	-1.502	1248.	116.5	21530.
#2	1.071	1257.	120.6	21590.
#3	-.3636	1256.	114.7	22540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2284.3**	**24681.**	**3895.6**
Stddev	16.7	558.	144.2
%RSD	.73209	2.2619	3.7003
#1	2269.7	24254.	3796.5
#2	2280.6	24477.	3829.3
#3	2302.5	25313.	4061.0

Sample Name: 460-41719-j-7-a Acquired: 6/28/2012 15:20:25 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.06**	**73.80**	**-.8141**	**142.4**	**-.0425**	F **255100.**
Stddev	20.43	1.11	.2733	.4	.1051	1146.
%RSD	21.27	1.503	33.57	.2615	247.1	.4493
#1	117.2	72.82	-.5009	142.0	-.0422	255000.
#2	94.59	75.00	-1.004	142.7	.0624	254000.
#3	76.40	73.57	-.9370	142.4	-.1478	256300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2395**	**10.78**	**1.806**	**-3.170**	**102400.**	**5129.**
Stddev	.0661	.38	.435	2.069	204.	31.
%RSD	27.61	3.483	24.07	65.26	.1991	.6044
#1	.1678	10.95	1.454	-5.551	102600.	5149.
#2	.2524	10.35	1.673	-2.151	102200.	5093.
#3	.2981	11.03	2.292	-1.808	102300.	5144.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52320.**	**2468.**	F **561100.**	**253.9**	**5.999**	**-1.763**
Stddev	94.	2.	3300.	.5	1.400	.641
%RSD	.1793	.0970	.5881	.1902	23.34	36.36
#1	52420.	2471.	557300.	253.9	5.135	-1.339
#2	52320.	2467.	562300.	254.3	5.247	-1.450
#3	52230.	2466.	563600.	253.4	7.614	-2.500
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41719-j-7-a Acquired: 6/28/2012 15:20:25 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.219**	**1.537**	**58.19**	**29.22**	**833.1**	**3.089**
Stddev	2.481	1.433	.86	.16	1.0	.113
%RSD	203.5	93.26	1.484	.5493	.1183	3.653
#1	-.3586	3.170	57.44	29.12	831.9	2.962
#2	-4.017	.4901	57.99	29.40	833.6	3.178
#3	.7170	.9500	59.13	29.13	833.7	3.127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.4850**	**1204.**	**8.928**	F **20560.**
Stddev	.6616	5.	.887	295.
%RSD	136.4	.3806	9.931	1.437
#1	.2440	1201.	8.804	20280.
#2	1.233	1202.	9.870	20870.
#3	-.0223	1210.	8.110	20520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2293.6**	**24841.**	**4022.3**
Stddev	8.4	126.	65.0
%RSD	.36680	.50618	1.6170
#1	2302.5	24801.	3978.5
#2	2292.5	24982.	4097.0
#3	2285.8	24740.	3991.4

Sample Name: CCV Acquired: 6/28/2012 15:24:11 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124000.**	**2505.**	**1234.**	**10110.**	**942.7**	**120200.**
Stddev	93.	3.	1.	15.	3.3	320.
%RSD	.0753	.1043	.0846	.1467	.3462	.2659
#1	124100.	2507.	1233.	10100.	946.3	120500.
#2	123900.	2502.	1235.	10110.	940.0	119900.
#3	124000.	2506.	1234.	10130.	941.7	120100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1267.**	**2480.**	**4966.**	**12140.**	**99180.**	**48320.**
Stddev	1.	3.	11.	5.	241.	43.
%RSD	.0978	.1167	.2208	.0376	.2425	.0885
#1	1267.	2476.	4954.	12150.	98920.	48320.
#2	1267.	2480.	4972.	12140.	99220.	48270.
#3	1269.	2482.	4973.	12140.	99390.	48350.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122500.**	**4961.**	**123100.**	**2493.**	**7553.**	**1025.**
Stddev	261.	6.	258.	5.	13.	1.
%RSD	.2132	.1244	.2092	.1943	.1741	.0771
#1	122100.	4954.	123400.	2488.	7538.	1026.
#2	122600.	4963.	122900.	2493.	7563.	1025.
#3	122600.	4966.	123000.	2498.	7558.	1024.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 15:24:11 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2463.**	**2546.**	**2444.**	**2491.**	**1009.**	**2554.**
Stddev	1.	1.	6.	2.	2.	4.
%RSD	.0582	.0514	.2655	.0696	.2206	.1577
#1	2464.	2547.	2436.	2489.	1009.	2551.
#2	2463.	2545.	2448.	2492.	1012.	2552.
#3	2461.	2545.	2447.	2492.	1007.	2558.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1001.**	**4910.**	**10170.**	**9944.**
Stddev	.	12.	25.	70.
%RSD	.0254	.2449	.2481	.6997
#1	1001.	4923.	10200.	9882.
#2	1001.	4899.	10160.	9933.
#3	1001.	4908.	10150.	10020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2179.0**	**23763.**	**3673.8**
Stddev	.8	24.	16.0
%RSD	.03474	.10114	.43449
#1	2178.7	23760.	3655.3
#2	2178.5	23741.	3683.4
#3	2179.9	23789.	3682.6

Sample Name: CCB Acquired: 6/28/2012 15:27:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-13.51**	**.4897**	**-.2542**	**.4394**	**-.0034**	**24.41**
Stddev	15.16	1.089	.4506	.5171	.0830	20.77
%RSD	112.2	222.5	177.3	117.7	2438.	85.09
#1	2.189	-.3981	-.7340	1.018	.0059	48.02
#2	-28.08	.1616	-.1885	.2767	-.0906	16.22
#3	-14.65	1.706	.1600	.0233	.0745	8.979
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0232**	**.4100**	**.1356**	**-.4033**	**14.98**	**155.4**
Stddev	.0906	.1648	.7733	2.918	16.26	86.5
%RSD	390.6	40.20	570.5	723.5	108.6	55.68
#1	.0416	.2413	.9302	-.9085	31.36	208.2
#2	.0156	.5706	.0910	-3.036	-1.167	202.5
#3	-.1267	.4180	-.6145	2.734	14.75	55.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.37**	**.4574**	**121.6**	**.2545**	**.2426**	**-1.127**
Stddev	11.79	.4974	59.5	.1289	.8662	.540
%RSD	82.02	108.7	48.93	50.64	357.1	47.91
#1	24.72	1.032	185.6	.3087	-.6792	-1.518
#2	16.86	.1652	111.4	.3474	1.040	-1.352
#3	1.539	.1754	67.86	.1074	.3673	-.5110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 15:27:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5584	1.723	.2803	.5581	1.839	2.323
Stddev	.8825	1.817	.4524	.0699	.590	.414
%RSD	158.0	105.5	161.4	12.53	32.09	17.82
#1	-.1832	.2878	.5439	.5693	2.467	2.666
#2	1.534	1.115	-.2421	.4832	1.297	2.440
#3	.3241	3.766	.5390	.6217	1.753	1.863
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.054	.7033	1.072	4.600
Stddev	1.221	.7147	2.348	.684
%RSD	115.8	101.6	219.2	14.87
#1	.3321	1.523	3.760	4.008
#2	-1.528	.3746	-.5776	5.349
#3	-1.967	.2122	.0319	4.444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2376.3	26252.	3776.6
Stddev	11.6	123.	8.0
%RSD	.48773	.46746	.21118
#1	2363.0	26141.	3769.3
#2	2383.5	26384.	3775.5
#3	2382.5	26231.	3785.1

Sample Name: 460-41719-j-8-a Acquired: 6/28/2012 15:31:18 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**596.2**	**69.45**	**-.8902**	**118.2**	**.1145**	**245000.**
Stddev	22.6	2.75	.5708	.6	.1562	850.
%RSD	3.797	3.961	64.12	.4704	136.4	.3470
#1	571.1	70.21	-.9073	118.5	.1925	245600.
#2	615.2	66.40	-1.452	118.4	-.0653	244000.
#3	602.3	71.73	-.3110	117.5	.2164	245200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0776**	**10.14**	**3.696**	**-2.370**	**94070.**	**6390.**
Stddev	.1098	.09	.416	2.551	468.	75.
%RSD	141.5	.8720	11.26	107.6	.4970	1.176
#1	.0254	10.16	4.142	-.6295	94610.	6308.
#2	.2037	10.21	3.630	-1.184	93800.	6456.
#3	.0036	10.04	3.317	-5.298	93800.	6406.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**49970.**	**2373.**	F **485300.**	**224.0**	**6.210**	**-2.741**
Stddev	427.	8.	5401.	.6	.675	1.564
%RSD	.8552	.3311	1.113	.2591	10.87	57.07
#1	50460.	2381.	491500.	223.8	5.750	-4.431
#2	49810.	2365.	482100.	224.7	6.986	-1.346
#3	49650.	2372.	482300.	223.6	5.896	-2.445
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41719-j-8-a Acquired: 6/28/2012 15:31:18 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.277**	**.3175**	**54.71**	**26.58**	**778.1**	**4.089**
Stddev	4.133	.9476	.68	.18	4.0	.146
%RSD	181.5	298.5	1.245	.6837	.5161	3.577
#1	5.548	.7738	55.13	26.64	773.6	4.207
#2	-2.368	-.7719	53.92	26.73	781.1	3.926
#3	3.652	.9505	55.06	26.38	779.7	4.135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.1464**	**1203.**	**35.21**	F **20650.**
Stddev	.4066	2.	3.98	229.
%RSD	277.8	.1960	11.30	1.109
#1	-.1491	1203.	39.27	20730.
#2	.2616	1200.	31.32	20400.
#3	-.5517	1205.	35.03	20830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2300.1**	**24702.**	**3959.1**
Stddev	24.5	261.	52.2
%RSD	1.0654	1.0567	1.3184
#1	2277.2	24403.	3902.4
#2	2325.9	24883.	3969.8
#3	2297.1	24821.	4005.1

Sample Name: 460-41719-j-9-a Acquired: 6/28/2012 15:34:53 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**207.1**	**14.56**	**-.1924**	**65.26**	**-.1356**	F **394900.**
Stddev	8.3	2.00	.4221	.03	.1908	1873.
%RSD	3.988	13.70	219.3	.0478	140.7	.4742
#1	216.6	13.32	-.6054	65.25	-.1034	395300.
#2	203.7	16.87	-.2100	65.29	-.3405	392900.
#3	201.2	13.51	.2382	65.24	.0371	396600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.402**	**6.415**	**-3.469**	**2.714**	**16330.**	**20880.**
Stddev	.199	.217	.058	4.170	84.	190.
%RSD	14.19	3.385	1.658	153.7	.5127	.9092
#1	1.559	6.533	-3.422	6.761	16240.	20660.
#2	1.469	6.164	-3.451	-1.570	16410.	20960.
#3	1.178	6.547	-3.533	2.951	16320.	21010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122900.**	**2769.**	F **728400.**	**74.00**	**-.1680**	**.9755**
Stddev	367.	9.	6098.	.61	1.252	1.295
%RSD	.2987	.3343	.8372	.8251	745.4	132.7
#1	122900.	2759.	732600.	73.31	-1.593	2.394
#2	123200.	2778.	721400.	74.47	.3319	-.1424
#3	122500.	2770.	731200.	74.22	.7569	.6746
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41719-j-9-a Acquired: 6/28/2012 15:34:53 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.215**	**1.037**	**6.277**	**66.67**	**267.5**	**3.259**
Stddev	1.918	2.080	.646	.22	.9	.211
%RSD	157.9	200.6	10.30	.3332	.3451	6.465
#1	-1.904	1.191	5.535	66.80	268.0	3.123
#2	-2.694	3.035	6.715	66.41	268.0	3.501
#3	.9526	-1.116	6.581	66.78	266.4	3.152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-1.773**	**1717.**	**14.39**	**15520.**
Stddev	1.095	7.	1.27	246.
%RSD	61.73	.4210	8.826	1.586
#1	-2.989	1712.	14.49	15240.
#2	-1.465	1713.	13.07	15710.
#3	-.8659	1725.	15.60	15610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2160.9**	**23374.**	**3744.5**
Stddev	13.5	338.	49.3
%RSD	.62560	1.4463	1.3166
#1	2174.8	23763.	3692.8
#2	2147.8	23214.	3791.0
#3	2160.1	23146.	3749.6

Sample Name: 460-41772-a-8-a@10 Acquired: 6/28/2012 15:38:40 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**40410.**	**14.69**	**-.1441**	**286.6**	**2.531**	**1458.**
Stddev	150.	2.75	.2153	.4	.255	14.
%RSD	.3710	18.69	149.4	.1274	10.07	.9467
#1	40290.	17.85	.0864	287.0	2.384	1472.
#2	40370.	13.00	-.1788	286.3	2.384	1458.
#3	40580.	13.21	-.3399	286.5	2.825	1444.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.00**	**22.11**	**28.39**	**44.03**	**39010.**	**1940.**
Stddev	.21	.21	.23	4.14	64.	57.
%RSD	1.317	.9569	.8274	9.415	.1638	2.945
#1	16.21	22.05	28.20	40.43	39070.	1980.
#2	15.79	21.93	28.32	48.56	39030.	1965.
#3	16.01	22.34	28.66	43.10	38940.	1875.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5968.**	**4601.**	**358.4**	**42.32**	**43.49**	**-1.019**
Stddev	9.	6.	158.7	.50	.90	.569
%RSD	.1579	.1399	44.26	1.173	2.073	55.86
#1	5976.	4602.	535.6	42.20	43.59	-1.398
#2	5971.	4606.	310.4	42.87	42.55	-.3646
#3	5958.	4594.	229.4	41.89	44.35	-1.295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41772-a-8-a@10 Acquired: 6/28/2012 15:38:40 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.664**	**1.357**	**63.68**	**1961.**	**3.100**	**.4768**
Stddev	2.190	.240	.47	4.	.762	.2074
%RSD	131.6	17.70	.7335	.1961	24.58	43.50
#1	4.193	1.442	63.16	1964.	3.910	.5034
#2	.3641	1.543	63.83	1963.	2.993	.2574
#3	.4354	1.086	64.06	1956.	2.397	.6696
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.5201**	**20.49**	**670.0**	**486.9**
Stddev	.4042	.25	3.3	16.9
%RSD	77.71	1.215	.4993	3.471
#1	.9123	20.74	671.2	486.9
#2	.5431	20.25	672.5	503.8
#3	.1049	20.49	666.2	470.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2657.5**	**29385.**	**4295.9**
Stddev	11.1	137.	5.7
%RSD	.41628	.46684	.13258
#1	2644.9	29289.	4301.4
#2	2662.1	29323.	4290.0
#3	2665.5	29542.	4296.1

Sample Name: 460-41720-a-21-g du Acquired: 6/28/2012 15:42:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**575.5**	**1.467**	**-1.154**	**36.89**	**.1007**	**7874.**
Stddev	12.1	.262	.618	.16	.0523	5.
%RSD	2.103	17.83	53.55	.4418	51.97	.0649
#1	563.7	1.688	-.4417	37.07	.0980	7879.
#2	587.9	1.178	-1.472	36.76	.0498	7869.
#3	574.8	1.535	-1.548	36.84	.1543	7872.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0426**	**.1649**	**.3165**	**-1.208**	**314.2**	**1562.**
Stddev	.0377	.2655	.3378	6.709	16.3	34.
%RSD	88.68	161.0	106.7	555.5	5.191	2.151
#1	.0243	.2430	.6760	2.006	332.6	1546.
#2	.0860	.3826	.0055	3.290	301.5	1539.
#3	.0174	-.1309	.2681	-8.920	308.5	1601.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**921.8**	**4.887**	**9762.**	**1.018**	**4.217**	**3.676**
Stddev	5.0	.381	3.	.183	.970	.505
%RSD	.5371	7.790	.0343	17.95	22.99	13.74
#1	921.9	5.325	9760.	1.054	3.151	3.899
#2	926.7	4.703	9762.	.8203	5.046	4.032
#3	916.8	4.634	9766.	1.181	4.455	3.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-21-g du Acquired: 6/28/2012 15:42:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4344**	**4.050**	**7.342**	**10.25**	**77.69**	**-.1853**
Stddev	1.644	.247	.349	.01	.88	.2678
%RSD	378.4	6.108	4.761	.1209	1.134	144.5
#1	.9984	3.963	6.985	10.26	78.68	.0572
#2	-.0729	4.329	7.684	10.25	77.42	-.1406
#3	-2.229	3.857	7.356	10.23	76.98	-.4726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.9349**	**51.75**	**14.21**	**5554.**
Stddev	.2036	.27	.40	52.
%RSD	21.77	.5206	2.832	.9348
#1	-1.079	51.53	14.52	5573.
#2	-.7020	52.05	13.76	5593.
#3	-1.024	51.67	14.36	5495.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2409.0**	**26795.**	**3905.6**
Stddev	.7	27.	19.4
%RSD	.02893	.10009	.49621
#1	2408.3	26786.	3919.9
#2	2408.9	26825.	3913.3
#3	2409.7	26773.	3883.5

Sample Name: 460-41720-a-21-f Acquired: 6/28/2012 15:45:57 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**567.9**	**3.904**	**-.5564**	**29.54**	**.0972**	**7825.**
Stddev	12.5	.682	.1761	.05	.1423	9.
%RSD	2.207	17.47	31.66	.1546	146.4	.1177
#1	574.5	3.757	-.7500	29.56	-.0523	7835.
#2	553.4	4.647	-.4056	29.49	.2310	7818.
#3	575.7	3.307	-.5135	29.58	.1130	7820.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0805**	**.2547**	**.2326**	**.2021**	**301.9**	**1557.**
Stddev	.1186	.1363	.3068	1.977	7.6	87.
%RSD	147.4	53.51	131.9	978.1	2.533	5.558
#1	.1082	.3591	.0939	2.076	305.5	1646.
#2	.1827	.1005	.0196	-1.864	293.1	1473.
#3	-.0495	.3045	.5843	.3941	307.0	1552.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**909.0**	**4.381**	**9639.**	**1.072**	**4.218**	**2.883**
Stddev	4.4	.030	38.	.218	1.925	1.863
%RSD	.4787	.6756	.3943	20.36	45.65	64.62
#1	908.9	4.396	9673.	1.270	6.276	1.266
#2	913.4	4.347	9598.	1.108	2.461	4.920
#3	904.7	4.400	9646.	.8380	3.915	2.463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-21-f Acquired: 6/28/2012 15:45:57 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5238**	**.9892**	**7.623**	**9.470**	**76.41**	**-.2488**
Stddev	1.468	.4738	.163	.090	.34	.1593
%RSD	280.3	47.90	2.141	.9468	.4432	64.01
#1	.9728	1.374	7.524	9.407	76.77	-.0650
#2	1.715	1.133	7.534	9.431	76.35	-.3360
#3	-1.117	.4602	7.811	9.573	76.10	-.3455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.6555**	**51.29**	**13.57**	**5436.**
Stddev	.1338	.23	.60	25.
%RSD	20.41	.4509	4.418	.4519
#1	-.7723	51.26	13.63	5411.
#2	-.6846	51.54	12.94	5437.
#3	-.5096	51.08	14.13	5460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2411.0**	**26790.**	**3885.7**
Stddev	3.1	33.	15.4
%RSD	.12709	.12310	.39635
#1	2409.6	26820.	3870.5
#2	2409.0	26754.	3885.2
#3	2414.6	26795.	3901.3

Sample Name: sd 460-41720-a-21-f@ Acquired: 6/28/2012 15:49:40 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**106.9**	**2.096**	**-.7814**	**5.719**	**.0010**	**1546.**
Stddev	8.0	.610	.9935	.067	.1689	24.
%RSD	7.480	29.09	127.1	1.163	17280.	1.551
#1	101.6	2.797	-1.247	5.715	-.1754	1564.
#2	116.1	1.805	.3594	5.655	.0171	1519.
#3	103.1	1.687	-1.456	5.788	.1612	1556.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0827**	**.2477**	**-.3988**	**-7.913**	**59.74**	**330.0**
Stddev	.0739	.3614	.1967	5.279	3.17	44.4
%RSD	89.39	145.9	49.33	66.72	5.307	13.47
#1	.1646	.3617	-.4027	-2.750	63.29	304.8
#2	.0209	.5383	-.5936	-7.688	57.18	303.9
#3	.0626	-.1570	-.2002	-13.30	58.74	381.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**185.8**	**.8366**	**1964.**	**.3476**	**1.759**	**.1127**
Stddev	4.7	.0560	16.	.1959	.504	.9442
%RSD	2.549	6.695	.8169	56.35	28.66	837.7
#1	190.4	.8466	1981.	.1239	1.178	-.0192
#2	186.1	.7763	1961.	.4884	2.031	-.7586
#3	180.9	.8869	1949.	.4304	2.070	1.116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41720-a-21-f@ Acquired: 6/28/2012 15:49:40 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9697	.8648	1.446	3.355	14.90	-.6377
Stddev	1.223	1.361	.129	.071	.42	.1913
%RSD	126.1	157.3	8.945	2.112	2.849	30.00
#1	.1620	2.004	1.496	3.274	14.43	-.7714
#2	.3704	1.232	1.542	3.390	15.00	-.4185
#3	2.377	-.6420	1.299	3.402	15.26	-.7232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3821	10.12	2.046	1067.
Stddev	.1641	.09	.760	19.
%RSD	42.93	.9131	37.15	1.822
#1	-.4847	10.21	2.503	1050.
#2	-.4687	10.14	1.169	1062.
#3	-.1929	10.02	2.467	1088.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2428.8	27101.	3915.6
Stddev	5.8	29.	21.6
%RSD	.23884	.10538	.55103
#1	2429.0	27129.	3895.1
#2	2422.9	27072.	3913.6
#3	2434.5	27101.	3938.1

Sample Name: 460-41720-a-21-h ms Acquired: 6/28/2012 15:53:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2466.**	**1848.**	**43.99**	**1955.**	**44.78**	**25600.**
Stddev	17.	3.	.71	3.	.21	99.
%RSD	.6950	.1537	1.608	.1442	.4660	.3854
#1	2486.	1851.	44.65	1957.	45.02	25660.
#2	2458.	1847.	44.07	1956.	44.68	25660.
#3	2454.	1846.	43.24	1952.	44.65	25490.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.48**	**480.7**	**188.5**	**230.7**	**1241.**	**19020.**
Stddev	.04	1.1	.7	3.5	6.	45.
%RSD	.0821	.2191	.3486	1.503	.4851	.2364
#1	48.53	481.1	189.0	232.7	1246.	18980.
#2	48.46	481.5	187.7	232.7	1235.	19070.
#3	48.46	479.5	188.6	226.7	1243.	19020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18900.**	**480.3**	**27500.**	**484.3**	**494.1**	**468.1**
Stddev	19.	.3	107.	1.3	2.9	3.8
%RSD	.0994	.0727	.3890	.2735	.5820	.8060
#1	18900.	480.4	27530.	485.7	497.4	469.7
#2	18880.	480.6	27580.	484.0	492.2	463.8
#3	18910.	479.9	27380.	483.2	492.7	470.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-21-h ms Acquired: 6/28/2012 15:53:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1811.**	**2027.**	**465.7**	**483.6**	**549.5**	**474.4**
Stddev	2.	7.	.7	1.1	.8	1.4
%RSD	.1357	.3460	.1416	.2345	.1480	.3008
#1	1808.	2035.	466.1	484.6	550.0	475.5
#2	1813.	2024.	465.0	483.9	549.9	474.9
#3	1812.	2023.	466.1	482.4	548.5	472.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**484.0**	**496.0**	**491.2**	**5827.**
Stddev	2.3	.8	1.6	4.
%RSD	.4804	.1625	.3272	.0603
#1	486.6	496.4	492.0	5828.
#2	482.0	496.5	489.4	5830.
#3	483.6	495.1	492.3	5823.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2387.2**	**26243.**	**3944.9**
Stddev	5.6	123.	9.1
%RSD	.23460	.46956	.23146
#1	2386.4	26126.	3946.5
#2	2393.1	26372.	3953.1
#3	2382.0	26230.	3935.1

Sample Name: pds 460-41720-a-21-f Acquired: 6/28/2012 15:56:49 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2442.**	**1926.**	**46.73**	**2042.**	**46.39**	**26230.**
Stddev	9.	4.	1.04	4.	.47	141.
%RSD	.3631	.2312	2.231	.2156	1.023	.5362
#1	2432.	1931.	45.53	2047.	46.08	26160.
#2	2446.	1927.	47.35	2043.	46.16	26140.
#3	2448.	1922.	47.32	2038.	46.94	26390.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.64**	**500.8**	**197.1**	**240.1**	**1279.**	**19690.**
Stddev	.20	1.3	1.3	4.1	7.	146.
%RSD	.4026	.2560	.6618	1.699	.5523	.7399
#1	50.84	502.2	196.5	236.1	1272.	19670.
#2	50.44	500.6	198.6	239.9	1279.	19560.
#3	50.65	499.6	196.2	244.2	1286.	19850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19660.**	**498.8**	**28310.**	**503.5**	**515.2**	**490.6**
Stddev	39.	.8	95.	.8	2.9	3.4
%RSD	.1995	.1592	.3350	.1523	.5698	.6873
#1	19690.	497.9	28210.	504.3	515.3	493.8
#2	19670.	498.8	28300.	502.8	512.2	487.1
#3	19610.	499.5	28400.	503.4	518.0	490.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41720-a-21-f Acquired: 6/28/2012 15:56:49 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1892.**	**2120.**	**484.7**	**504.3**	**568.6**	**499.2**
Stddev	13.	8.	.8	.9	1.3	1.0
%RSD	.6798	.3632	.1748	.1765	.2257	.1942
#1	1902.	2123.	484.1	505.0	569.9	499.8
#2	1895.	2127.	485.7	504.6	568.5	499.6
#3	1877.	2112.	484.5	503.3	567.3	498.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**504.2**	**512.4**	**511.3**	**5664.**
Stddev	2.2	2.5	1.9	8.
%RSD	.4442	.4797	.3621	.1415
#1	505.3	511.4	509.3	5655.
#2	505.7	510.5	512.8	5668.
#3	501.6	515.2	511.9	5670.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2360.5**	**26118.**	**3906.9**
Stddev	5.0	27.	31.9
%RSD	.21046	.10390	.81692
#1	2363.7	26123.	3930.4
#2	2363.0	26089.	3919.7
#3	2354.8	26142.	3870.6

Sample Name: 460-41720-a-20-c Acquired: 6/28/2012 16:00:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1884.**	**4.996**	**-.3877**	**16.06**	**.0077**	**6818.**
Stddev	19.	.757	.4452	.23	.1611	23.
%RSD	1.002	15.15	114.8	1.462	2084.	.3338
#1	1867.	5.737	-.0415	16.33	-.1213	6827.
#2	1904.	4.224	-.2318	15.89	.1882	6792.
#3	1882.	5.028	-.8899	15.96	-.0438	6835.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0191**	**.9620**	**1.571**	**2.476**	**1400.**	**929.0**
Stddev	.0226	.1466	.428	1.669	8.	104.5
%RSD	117.9	15.24	27.26	67.41	.5997	11.25
#1	-.0343	.9150	1.091	2.402	1399.	1034.
#2	-.0300	1.126	1.915	4.181	1409.	927.7
#3	.0068	.8448	1.706	.8451	1392.	825.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**896.0**	**35.38**	**4073.**	**2.052**	**19.80**	**5.137**
Stddev	4.1	.06	18.	.237	1.64	1.448
%RSD	.4571	.1785	.4537	11.58	8.301	28.20
#1	900.6	35.34	4061.	1.822	19.13	3.494
#2	892.8	35.35	4063.	2.038	21.67	5.690
#3	894.6	35.45	4094.	2.296	18.60	6.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-20-c Acquired: 6/28/2012 16:00:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.396**	**1.308**	**6.401**	**10.37**	**27.85**	**1.061**
Stddev	2.726	2.461	.290	.22	.17	.118
%RSD	113.8	188.2	4.531	2.135	.6033	11.15
#1	-3.038	-1.249	6.625	10.31	28.04	1.125
#2	.5934	3.660	6.073	10.61	27.80	1.134
#3	-4.744	1.512	6.504	10.18	27.71	.9248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.3683**	**23.28**	**61.87**	**3853.**
Stddev	.5028	.18	.81	47.
%RSD	136.5	.7580	1.305	1.214
#1	-.0610	23.20	62.49	3807.
#2	.2445	23.15	60.96	3901.
#3	.9214	23.48	62.17	3851.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2413.9**	**26937.**	**3903.3**
Stddev	2.8	53.	3.3
%RSD	.11644	.19515	.08521
#1	2416.2	26966.	3905.6
#2	2410.8	26876.	3904.7
#3	2414.8	26968.	3899.5

Sample Name: lcs 460-117828/2-a Acquired: 6/28/2012 16:03:55 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1897.**	**1919.**	**46.04**	**2022.**	**47.45**	**19300.**
Stddev	17.	4.	1.06	2.	.34	129.
%RSD	.9121	.2317	2.308	.1007	.7260	.6661
#1	1878.	1917.	45.85	2024.	47.71	19350.
#2	1900.	1924.	45.09	2024.	47.06	19410.
#3	1912.	1915.	47.19	2020.	47.59	19160.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.83**	**505.1**	**196.2**	**237.5**	**986.0**	**18610.**
Stddev	.17	.8	1.4	4.1	6.6	17.
%RSD	.3306	.1681	.7041	1.736	.6743	.0923
#1	50.74	505.3	195.5	235.4	990.5	18600.
#2	50.73	505.8	197.8	242.2	978.3	18610.
#3	51.03	504.1	195.4	234.8	989.0	18630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18770.**	**501.4**	**19450.**	**507.2**	**514.8**	**484.1**
Stddev	42.	1.8	12.	1.6	.7	1.9
%RSD	.2233	.3492	.0598	.3105	.1373	.3838
#1	18720.	500.2	19460.	506.8	514.5	484.1
#2	18800.	503.4	19460.	508.9	515.5	485.9
#3	18780.	500.7	19440.	505.8	514.2	482.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-117828/2-a Acquired: 6/28/2012 16:03:55 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1895.**	**2139.**	**479.9**	**498.0**	**495.8**	**502.2**
Stddev	5.	4.	2.1	.3	.3	.8
%RSD	.2445	.1723	.4386	.0584	.0697	.1630
#1	1893.	2139.	478.7	497.9	495.5	502.1
#2	1900.	2142.	482.4	498.3	495.7	503.0
#3	1891.	2135.	478.7	497.7	496.2	501.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**508.2**	**473.6**	**506.2**	F **91.17**
Stddev	2.3	1.6	1.7	29.64
%RSD	.4534	.3282	.3393	32.52
#1	506.1	473.8	508.1	56.97
#2	510.7	475.0	505.8	109.6
#3	508.0	471.9	504.8	106.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				2000.
Range				-15.00%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2368.4**	**26142.**	**3854.4**
Stddev	10.2	40.	10.9
%RSD	.43157	.15249	.28332
#1	2357.8	26118.	3851.1
#2	2369.4	26120.	3845.5
#3	2378.2	26188.	3866.6

Sample Name: CCV Acquired: 6/28/2012 16:07:23 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125000.**	**2543.**	**1249.**	**10220.**	**959.2**	**121900.**
Stddev	343.	10.	1.	25.	2.6	362.
%RSD	.2742	.3984	.1007	.2469	.2757	.2965
#1	125400.	2532.	1249.	10190.	962.0	122300.
#2	124900.	2546.	1247.	10240.	958.7	121900.
#3	124800.	2552.	1250.	10230.	956.8	121600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1280.**	**2511.**	**4994.**	**12390.**	**99920.**	**49010.**
Stddev	4.	7.	3.	37.	205.	109.
%RSD	.2895	.2878	.0646	.2993	.2054	.2229
#1	1276.	2503.	4992.	12420.	100100.	49080.
#2	1283.	2517.	4993.	12400.	99700.	49080.
#3	1281.	2512.	4998.	12350.	99980.	48890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122700.**	**5030.**	**124800.**	**2519.**	**7625.**	**1045.**
Stddev	65.	6.	458.	6.	18.	2.
%RSD	.0526	.1125	.3672	.2395	.2385	.2105
#1	122700.	5035.	125300.	2512.	7606.	1044.
#2	122600.	5024.	124500.	2523.	7642.	1047.
#3	122700.	5030.	124600.	2521.	7627.	1043.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 16:07:23 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2496.**	**2569.**	**2469.**	**2516.**	**1028.**	**2590.**
Stddev	4.	2.	3.	6.	4.	6.
%RSD	.1562	.0648	.1083	.2350	.4157	.2417
#1	2492.	2567.	2467.	2509.	1024.	2583.
#2	2500.	2571.	2468.	2521.	1030.	2595.
#3	2496.	2569.	2472.	2517.	1032.	2591.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1015.**	**4990.**	**10290.**	**10160.**
Stddev	2.	14.	41.	77.
%RSD	.2272	.2832	.3972	.7547
#1	1014.	5004.	10330.	10070.
#2	1018.	4989.	10280.	10210.
#3	1015.	4976.	10250.	10180.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2226.8**	**24505.**	**3799.8**
Stddev	8.2	37.	16.6
%RSD	.36680	.14937	.43801
#1	2235.9	24466.	3786.0
#2	2220.2	24509.	3818.3
#3	2224.3	24539.	3795.0

Sample Name: CCB Acquired: 6/28/2012 16:10:43 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.520**	**-.6033**	**-.6700**	**.4321**	**.2020**	**40.52**
Stddev	28.32	2.496	.6765	.3989	.2388	22.35
%RSD	626.5	413.7	101.0	92.33	118.2	55.16
#1	30.89	.3353	-1.438	.8820	.4758	62.77
#2	-25.41	-3.433	-.4122	.2927	.0364	18.06
#3	8.085	1.287	-.1604	.1215	.0938	40.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1362**	**.2952**	**-.1520**	**.6466**	**18.41**	**121.2**
Stddev	.0530	.4310	.4817	1.250	7.90	52.1
%RSD	38.94	146.0	316.9	193.3	42.92	43.02
#1	.0924	.7921	.3075	1.011	24.84	140.9
#2	.1209	.0711	-.1104	1.674	9.588	160.5
#3	.1951	.0225	-.6532	-.7447	20.81	62.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.04**	**.4721**	**73.01**	**-.0384**	**-.3757**	**-.0454**
Stddev	11.98	.4281	28.57	.1390	.6261	.2136
%RSD	108.6	90.68	39.13	362.0	166.7	470.4
#1	23.95	.9659	104.1	.1079	-.4336	-.0448
#2	8.895	.2453	47.89	-.0543	.2774	.1679
#3	.2706	.2051	67.06	-.1688	-.9709	-.2593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 16:10:43 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.808**	**2.764**	**-.0484**	**.5393**	**1.627**	**2.189**
Stddev	.913	2.548	.1233	.1569	.935	.379
%RSD	50.51	92.21	254.8	29.08	57.49	17.32
#1	-1.744	4.092	-.1521	.6314	2.624	2.609
#2	-.9280	-.1745	-.0809	.3582	1.488	2.088
#3	-2.751	4.374	.0879	.6284	.7689	1.871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.9383**	**.8177**	**1.850**	**18.52**
Stddev	.6165	.5837	1.325	10.83
%RSD	65.71	71.38	71.64	58.46
#1	-1.089	1.447	3.354	24.16
#2	-.2605	.7110	.8535	6.038
#3	-1.466	.2948	1.342	25.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2388.0**	**26822.**	**3824.0**
Stddev	3.0	96.	17.3
%RSD	.12391	.35819	.45261
#1	2388.6	26859.	3842.9
#2	2390.6	26894.	3820.1
#3	2384.8	26713.	3809.0

Sample Name: mb 460-117828/1-a Acquired: 6/28/2012 16:14:30 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-6.536**	**.4589**	**-.4382**	**-.0976**	**.0428**	**23.58**
Stddev	17.16	1.517	.7853	.1877	.1723	27.14
%RSD	262.6	330.7	179.2	192.2	403.0	115.1
#1	-21.07	2.063	-.8537	-.3126	-.1512	-7.578
#2	12.39	-.9542	-.9286	-.0138	.1013	42.08
#3	-10.93	.2681	.4676	.0335	.1782	36.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0006**	**.3390**	**-.3881**	**-3.856**	**-5.675**	**64.52**
Stddev	.0390	.2230	.2699	2.932	11.26	55.83
%RSD	6104.	65.78	69.56	76.04	198.3	86.53
#1	.0256	.5147	-.3092	-.5274	7.071	108.4
#2	-.0443	.4141	-.6886	-6.056	-14.24	83.46
#3	.0206	.0881	-.1663	-4.984	-9.854	1.682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.404**	**.0312**	**28.16**	**.2650**	**-.0201**	**.5632**
Stddev	1.120	.0571	9.80	.1542	1.193	1.868
%RSD	25.43	182.8	34.81	58.18	5948.	331.7
#1	4.805	.0336	35.44	.1295	.6615	.9124
#2	3.138	.0870	17.01	.4328	-1.398	2.232
#3	5.267	-.0270	32.03	.2328	.6763	-1.455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117828/1-a Acquired: 6/28/2012 16:14:30 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5501**	**.3749**	**-.2135**	**.0586**	**2.086**	**-.0871**
Stddev	1.679	1.033	.2701	.0704	.338	.1296
%RSD	305.2	275.4	126.5	120.1	16.21	148.8
#1	1.384	-.5739	.0215	.0928	2.309	-.2343
#2	-1.639	1.475	-.1533	.1054	2.253	.0099
#3	-1.395	.2239	-.5086	-.0224	1.697	-.0369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.4252**	**.1749**	**-.2909**	**-18.51**
Stddev	.1534	.1104	1.312	9.94
%RSD	36.07	63.12	450.9	53.67
#1	-.4714	.2531	-1.578	-23.44
#2	-.5502	.2231	1.044	-25.02
#3	-.2540	.0486	-.3387	-7.076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2398.9**	**26801.**	**3827.1**
Stddev	2.4	57.	10.4
%RSD	.09817	.21187	.27214
#1	2400.4	26743.	3833.1
#2	2400.2	26857.	3833.0
#3	2396.2	26803.	3815.0

Sample Name: lb 460-117702/1-c Acquired: 6/28/2012 16:18:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20.40**	**1.380**	**-.9686**	**1.088**	**-.0190**	**510.0**
Stddev	18.19	2.111	.8139	.074	.1230	1.5
%RSD	89.16	153.0	84.03	6.791	647.6	.3014
#1	22.02	2.284	-.0292	1.123	-.1583	511.3
#2	1.454	-1.033	-1.465	1.138	.0748	510.2
#3	37.72	2.889	-1.411	1.003	.0265	508.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0552**	**.2130**	**.1371**	**-3.988**	**22.71**	**126.3**
Stddev	.0075	.1045	.1545	3.383	10.56	47.9
%RSD	13.66	49.04	112.7	84.83	46.49	37.93
#1	.0618	.1889	.2387	-.7288	18.79	159.9
#2	.0569	.1228	-.0407	-7.483	34.68	71.45
#3	.0470	.3275	.2133	-3.753	14.68	147.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**225.7**	**2.480**	**3111.**	**.3949**	**.7283**	**-.7115**
Stddev	2.7	.085	10.	.1966	.6294	1.792
%RSD	1.183	3.431	.3335	49.78	86.42	251.8
#1	222.7	2.419	3114.	.1739	1.268	.6888
#2	227.8	2.577	3119.	.5504	.8808	-2.731
#3	226.7	2.445	3099.	.4604	.0367	-.0924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-117702/1-c Acquired: 6/28/2012 16:18:15 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1210**	**1.912**	**.1965**	**3.131**	**56.76**	**-.6293**
Stddev	.7294	1.182	.1930	.106	.15	.2200
%RSD	602.7	61.82	98.22	3.372	.2701	34.96
#1	-.6404	2.754	.3954	3.160	56.74	-.7373
#2	.1900	.5608	.1841	3.219	56.92	-.7745
#3	.8135	2.421	.0100	3.014	56.61	-.3762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.8450**	**1.354**	**.6988**	**191.2**
Stddev	.4046	.098	2.026	14.8
%RSD	47.88	7.203	289.9	7.748
#1	-.4838	1.243	1.620	203.7
#2	-1.282	1.424	2.100	174.9
#3	-.7690	1.396	-1.624	195.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2422.8**	**26991.**	**3900.8**
Stddev	5.7	85.	23.3
%RSD	.23336	.31380	.59737
#1	2416.3	26927.	3878.8
#2	2425.1	26959.	3898.3
#3	2426.9	27087.	3925.2

Sample Name: 460-41720-a-22-c Acquired: 6/28/2012 16:21:59 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**923.9**	**3.118**	**-.2724**	**24.95**	**.1118**	**6564.**
Stddev	23.4	.312	.3428	.05	.0571	41.
%RSD	2.531	9.996	125.9	.2177	51.06	.6199
#1	944.7	3.380	-.6032	24.92	.1560	6551.
#2	928.4	3.200	.0813	25.01	.1320	6530.
#3	898.6	2.774	-.2951	24.91	.0473	6609.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1086**	**.3358**	**.5673**	**-1.165**	**527.8**	**1264.**
Stddev	.0600	.1570	.2427	1.342	6.1	19.
%RSD	55.20	46.74	42.78	115.2	1.154	1.531
#1	.0395	.1547	.3052	-2.679	521.5	1245.
#2	.1467	.4194	.7843	-.1223	528.1	1263.
#3	.1397	.4334	.6124	-.6926	533.7	1284.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1162.**	**6.805**	**14120.**	**1.286**	**4.556**	**-.4597**
Stddev	2.	.055	57.	.355	.691	1.818
%RSD	.1584	.8039	.4060	27.59	15.17	395.4
#1	1164.	6.757	14090.	1.338	5.147	.3269
#2	1161.	6.793	14090.	1.611	3.796	-2.538
#3	1162.	6.865	14190.	.9078	4.724	.8320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-22-c Acquired: 6/28/2012 16:21:59 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.978**	**.4085**	**6.013**	**6.278**	**158.0**	**-.1709**
Stddev	1.703	1.182	.478	.203	.9	.0228
%RSD	86.05	289.5	7.958	3.232	.5856	13.32
#1	-2.129	.8660	5.517	6.111	157.1	-.1645
#2	-3.601	1.294	6.472	6.504	158.1	-.1962
#3	-.2055	-.9344	6.049	6.219	158.9	-.1521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.7639**	**39.75**	**26.55**	**4028.**
Stddev	.5244	.27	1.31	38.
%RSD	68.65	.6694	4.930	.9522
#1	-.8541	39.85	28.05	4046.
#2	-.2003	39.45	25.65	4054.
#3	-1.237	39.95	25.95	3984.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2391.5**	**26619.**	**3875.7**
Stddev	10.6	95.	25.5
%RSD	.44470	.35824	.65785
#1	2403.8	26729.	3899.1
#2	2384.9	26569.	3879.4
#3	2385.9	26559.	3848.5

Sample Name: 460-41720-a-23-c Acquired: 6/28/2012 16:25:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**882.1**	**3.021**	**-.3468**	**10.43**	**.0933**	**5155.**
Stddev	10.4	.534	.0826	.14	.1100	17.
%RSD	1.180	17.68	23.82	1.312	117.9	.3251
#1	892.8	3.283	-.2688	10.57	.1718	5156.
#2	872.0	3.374	-.3381	10.43	.1403	5172.
#3	881.4	2.407	-.4334	10.30	-.0324	5138.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0232**	**.3600**	**.8006**	**-1.774**	**577.8**	**1166.**
Stddev	.0099	.2553	.1200	4.044	9.5	8.
%RSD	42.72	70.92	14.99	228.0	1.651	.6928
#1	-.0278	.6252	.8261	2.163	574.4	1172.
#2	-.0300	.3388	.9059	-1.566	570.4	1168.
#3	-.0118	.1159	.6699	-5.917	588.6	1157.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**844.1**	**14.26**	**8420.**	**1.603**	**5.601**	**2.536**
Stddev	2.3	.04	54.	.288	.538	1.028
%RSD	.2755	.2619	.6452	18.00	9.609	40.55
#1	841.4	14.29	8366.	1.582	5.871	2.888
#2	845.8	14.28	8474.	1.326	5.951	1.378
#3	845.0	14.22	8420.	1.902	4.981	3.342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-23-c Acquired: 6/28/2012 16:25:42 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6741**	**1.250**	**5.762**	**4.361**	**86.60**	**11.97**
Stddev	2.643	1.043	.263	.009	.46	.20
%RSD	392.1	83.46	4.561	.2021	.5328	1.692
#1	2.184	2.224	5.854	4.352	86.62	12.19
#2	-1.178	.1490	5.466	4.369	86.14	11.91
#3	-3.029	1.377	5.966	4.363	87.06	11.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.8489**	**25.37**	**26.37**	**3003.**
Stddev	.9791	.11	1.71	16.
%RSD	115.3	.4235	6.489	.5454
#1	-.9731	25.44	27.45	2989.
#2	-1.760	25.43	27.26	3021.
#3	.1864	25.25	24.40	2998.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2413.8**	**26783.**	**3874.2**
Stddev	5.5	35.	19.1
%RSD	.22977	.13088	.49376
#1	2407.5	26805.	3886.4
#2	2416.2	26800.	3852.1
#3	2417.8	26742.	3884.0

Sample Name: 460-41720-a-24-c Acquired: 6/28/2012 16:29:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3566.**	**4.430**	**-.3283**	**23.82**	**.0710**	**1424.**
Stddev	5.	1.455	.7718	.01	.1602	25.
%RSD	.1367	32.84	235.1	.0214	225.5	1.727
#1	3569.	5.761	-1.054	23.82	.0135	1437.
#2	3569.	2.877	-.4133	23.82	-.0524	1439.
#3	3561.	4.652	.4825	23.83	.2521	1395.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0014**	**1.739**	**6.164**	**8.565**	**4112.**	**503.8**
Stddev	.0316	.174	.465	1.645	14.	62.5
%RSD	2200.	10.00	7.544	19.20	.3392	12.41
#1	.0140	1.552	6.349	9.131	4127.	523.1
#2	.0247	1.896	5.635	6.712	4100.	433.9
#3	-.0345	1.768	6.509	9.852	4109.	554.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1364.**	**101.3**	**20340.**	**4.134**	**36.19**	**7.549**
Stddev	7.	.4	43.	.339	.16	.791
%RSD	.4815	.4023	.2101	8.195	.4285	10.48
#1	1364.	101.7	20330.	4.501	36.19	6.691
#2	1357.	101.0	20380.	3.833	36.35	8.251
#3	1370.	101.1	20300.	4.070	36.04	7.703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-24-c Acquired: 6/28/2012 16:29:24 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.993**	**1.015**	**14.61**	**11.20**	**195.6**	**.3271**
Stddev	2.126	1.706	.26	.11	.3	.2107
%RSD	106.7	168.1	1.813	.9907	.1351	64.42
#1	-1.038	2.331	14.91	11.33	195.6	.1038
#2	-.5122	-.9124	14.54	11.12	195.3	.3551
#3	-4.429	1.626	14.39	11.14	195.8	.5224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.0360**	**5.517**	**105.2**	**7205.**
Stddev	.5415	.037	.4	29.
%RSD	1504.	.6655	.4135	.4028
#1	.4271	5.548	104.7	7218.
#2	.0963	5.476	105.2	7171.
#3	-.6314	5.526	105.6	7224.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2415.9**	**26830.**	**3923.1**
Stddev	2.6	25.	4.9
%RSD	.10683	.09201	.12388
#1	2413.0	26845.	3918.9
#2	2416.9	26842.	3928.4
#3	2417.8	26801.	3921.8

Sample Name: 460-41720-a-25-c Acquired: 6/28/2012 16:33:04 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7808.**	**5.780**	**-.8094**	**45.55**	**.1544**	**1369.**
Stddev	25.	1.550	.2177	.32	.1947	7.
%RSD	.3208	26.82	26.90	.7060	126.1	.4988
#1	7791.	4.017	-.5624	45.18	.2403	1377.
#2	7797.	6.395	-.9737	45.75	.2913	1364.
#3	7837.	6.928	-.8920	45.72	-.0685	1367.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1081**	**3.840**	**12.70**	**13.22**	**8768.**	**905.5**
Stddev	.0920	.117	.41	6.55	24.	43.3
%RSD	85.06	3.045	3.220	49.59	.2788	4.777
#1	.1542	3.772	12.23	9.257	8742.	953.4
#2	.1679	3.975	12.86	20.78	8790.	893.9
#3	.0022	3.773	12.99	9.614	8772.	869.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1835.**	**225.6**	**16040.**	**9.307**	**48.92**	**8.916**
Stddev	6.	.6	78.	.177	.93	2.201
%RSD	.3512	.2750	.4885	1.905	1.904	24.69
#1	1828.	225.2	16030.	9.361	47.98	11.28
#2	1835.	226.3	15970.	9.452	49.84	8.544
#3	1841.	225.4	16120.	9.110	48.93	6.925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41720-a-25-c Acquired: 6/28/2012 16:33:04 Type: Unk
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.698**	**-.0614**	**27.22**	**18.12**	**214.1**	**.0585**
Stddev	2.917	1.297	.14	.13	1.2	.1160
%RSD	171.8	2112.	.4965	.7021	.5785	198.3
#1	.9796	-.7172	27.22	18.13	215.5	-.0541
#2	-1.266	1.432	27.35	17.98	213.4	.0520
#3	-4.807	-.8993	27.08	18.23	213.2	.1777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**.4493**	**7.316**	**250.3**	**12760.**
Stddev	.5639	.099	.5	88.
%RSD	125.5	1.351	.2102	.6901
#1	-.0482	7.211	250.7	12690.
#2	.3342	7.408	250.4	12860.
#3	1.062	7.329	249.7	12740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2428.4**	**26959.**	**3944.1**
Stddev	3.8	56.	19.6
%RSD	.15758	.20947	.49659
#1	2432.8	26986.	3947.5
#2	2426.1	26894.	3961.8
#3	2426.3	26996.	3923.1

Sample Name: ICSA 1552029 Acquired: 6/28/2012 16:36:44 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**505200.**	**2.426**	**-1.984**	**-1.233**	**-.0433**	**457400.**
Stddev	318.	4.511	.631	.193	.0508	1126.
%RSD	.0629	185.9	31.84	15.63	117.2	.2462
#1	505600.	3.087	-2.381	-1.012	-.0090	458600.
#2	505200.	6.570	-1.255	-1.367	-.0193	457200.
#3	505000.	-2.378	-2.314	-1.320	-.1017	456400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5575**	**-.4516**	**-.4798**	**-1.201**	**197100.**	**-344.4**
Stddev	.2450	.3577	.5943	1.825	187.	114.0
%RSD	43.94	79.21	123.9	151.9	.0950	33.10
#1	.5664	-.8627	-.1202	.3955	197300.	-412.6
#2	.7980	-.2117	-1.166	-.8088	197000.	-212.8
#3	.3082	-.2804	-.1535	-3.191	196900.	-407.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**501300.**	**-3.002**	**-32.39**	**-.3354**	**2.412**	**-.7982**
Stddev	792.	.055	5.69	.4294	.834	3.699
%RSD	.1580	1.830	17.55	128.0	34.56	463.4
#1	500800.	-2.970	-37.02	-.7626	1.754	-4.932
#2	500900.	-2.970	-34.11	-.3398	3.350	2.198
#3	502200.	-3.065	-26.05	.0962	2.132	.3397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 6/28/2012 16:36:44 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.617**	**.4048**	**-3.454**	**1.681**	**1.936**	**-2.614**
Stddev	1.484	2.100	.203	.162	1.739	.162
%RSD	91.78	518.8	5.888	9.651	89.83	6.206
#1	-3.222	-.3608	-3.681	1.625	2.501	-2.599
#2	-1.337	-1.205	-3.394	1.554	-.0154	-2.459
#3	-.2930	2.780	-3.288	1.864	3.322	-2.783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**2.245**	**.8938**	**-6.989**	**-11.70**
Stddev	1.224	.1345	.842	31.97
%RSD	54.53	15.05	12.05	273.2
#1	1.074	1.042	-6.480	-23.54
#2	2.145	.8596	-6.527	-36.05
#3	3.517	.7797	-7.961	24.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2146.6**	**23262.**	**3776.9**
Stddev	1.2	43.	2.8
%RSD	.05791	.18475	.07297
#1	2147.3	23241.	3773.9
#2	2145.2	23233.	3777.3
#3	2147.3	23311.	3779.4

Sample Name: ICSAB 1552027 Acquired: 6/28/2012 16:40:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**504300.**	**101.0**	**104.5**	**100.0**	**93.89**	**455700.**
Stddev	681.	4.4	.2	.3	.24	1118.
%RSD	.1350	4.315	.2379	.3336	.2576	.2453
#1	504200.	97.05	104.5	99.66	94.08	456500.
#2	503700.	105.7	104.8	100.1	93.62	454400.
#3	505100.	100.4	104.3	100.3	93.96	456200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**98.38**	**95.79**	**97.10**	**89.22**	**196800.**	**10100.**
Stddev	.30	.20	1.09	1.19	67.	88.
%RSD	.3067	.2104	1.122	1.334	.0340	.8683
#1	98.69	95.76	97.77	89.04	196700.	10190.
#2	98.09	96.01	97.69	90.48	196800.	10010.
#3	98.35	95.61	95.85	88.12	196800.	10090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**499600.**	**95.07**	**10660.**	**94.40**	**99.24**	**95.61**
Stddev	2124.	.11	23.	.40	.10	1.43
%RSD	.4252	.1116	.2123	.4255	.1030	1.492
#1	497200.	94.95	10680.	94.87	99.21	95.50
#2	500800.	95.09	10640.	94.21	99.36	97.09
#3	500900.	95.16	10660.	94.14	99.16	94.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1552027 Acquired: 6/28/2012 16:40:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.44**	**97.24**	**93.97**	**97.96**	**97.79**	**96.42**
Stddev	.87	5.19	.06	.51	1.42	.95
%RSD	.8998	5.339	.0608	.5203	1.452	.9809
#1	97.35	96.38	93.91	98.55	99.03	96.86
#2	96.35	102.8	93.97	97.70	96.24	97.06
#3	95.62	92.53	94.02	97.64	98.10	95.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**100.1**	**102.1**	**94.44**	**41.32**
Stddev	.6	.4	1.42	20.55
%RSD	.6273	.3809	1.508	49.74
#1	100.1	101.8	93.27	47.74
#2	100.8	101.9	94.03	18.32
#3	99.50	102.5	96.03	57.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2154.5**	**23349.**	**3774.0**
Stddev	4.0	41.	9.7
%RSD	.18333	.17512	.25822
#1	2152.3	23396.	3768.4
#2	2152.2	23325.	3785.2
#3	2159.1	23326.	3768.3

Sample Name: CCV Acquired: 6/28/2012 16:44:13 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125300.**	**2554.**	**1248.**	**10260.**	**950.5**	**121000.**
Stddev	321.	1.	1.	28.	.7	218.
%RSD	.2563	.0481	.0823	.2760	.0743	.1801
#1	124900.	2554.	1249.	10280.	949.7	120700.
#2	125500.	2552.	1247.	10260.	951.1	121100.
#3	125400.	2555.	1248.	10230.	950.5	121100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1288.**	**2518.**	**5024.**	**12270.**	**100300.**	**48590.**
Stddev	4.	7.	1.	16.	15.	70.
%RSD	.3136	.2863	.0267	.1344	.0151	.1441
#1	1291.	2524.	5023.	12260.	100400.	48510.
#2	1288.	2521.	5024.	12290.	100300.	48640.
#3	1283.	2510.	5025.	12270.	100300.	48630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123800.**	**5021.**	**124400.**	**2528.**	**7647.**	**1053.**
Stddev	50.	5.	276.	8.	23.	3.
%RSD	.0403	.0968	.2216	.3239	.3032	.3098
#1	123700.	5017.	124100.	2534.	7665.	1056.
#2	123800.	5026.	124500.	2530.	7654.	1054.
#3	123800.	5019.	124700.	2518.	7621.	1049.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/28/2012 16:44:13 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2511.**	**2570.**	**2476.**	**2523.**	**1027.**	**2595.**
Stddev	16.	6.	1.	8.	2.	6.
%RSD	.6332	.2273	.0404	.3364	.2351	.2273
#1	2517.	2573.	2476.	2531.	1027.	2598.
#2	2523.	2573.	2477.	2524.	1029.	2598.
#3	2493.	2563.	2475.	2514.	1024.	2588.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1013.**	**4966.**	**10300.**	**10210.**
Stddev	1.	6.	38.	10.
%RSD	.0716	.1255	.3658	.1001
#1	1013.	4962.	10260.	10210.
#2	1013.	4973.	10340.	10210.
#3	1012.	4963.	10300.	10190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2227.1**	**24353.**	**3798.8**
Stddev	4.9	70.	21.6
%RSD	.22001	.28768	.56902
#1	2221.6	24427.	3812.4
#2	2231.0	24288.	3810.0
#3	2228.7	24344.	3773.8

Sample Name: CCB Acquired: 6/28/2012 16:47:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-30.36**	**3.170**	**-.4961**	**.3468**	**.0556**	**42.63**
Stddev	17.67	1.619	.1979	.3660	.0498	21.14
%RSD	58.22	51.05	39.89	105.5	89.63	49.58
#1	-11.75	4.215	-.3476	.7670	.0402	62.91
#2	-32.39	3.990	-.7208	.1756	.0153	44.25
#3	-46.92	1.306	-.4200	.0978	.1113	20.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0057**	**.1454**	**.0569**	**-1.353**	**26.96**	**121.2**
Stddev	.1064	.2200	.2806	2.030	14.82	27.2
%RSD	1872.	151.3	493.3	150.1	54.98	22.41
#1	.0609	.3935	.0259	-.8941	44.07	152.5
#2	.0504	.0689	.3516	.4089	17.86	106.3
#3	-.1283	-.0261	-.2070	-3.572	18.96	104.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.40**	**.4194**	**66.76**	**.2336**	**.0742**	**.7793**
Stddev	8.97	.3466	49.30	.1308	.5253	1.873
%RSD	86.18	82.64	73.85	56.00	707.8	240.3
#1	20.44	.8120	123.2	.2995	.5952	1.723
#2	7.608	.2904	45.19	.3183	.0829	1.993
#3	3.168	.1559	31.92	.0829	-.4554	-1.378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/28/2012 16:47:32 Type: QC
Method: SW84606112012(v16) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8655**	**2.026**	**.1082**	**.6084**	**1.925**	**2.247**
Stddev	1.383	.812	.1281	.1155	.960	.473
%RSD	159.8	40.07	118.3	18.99	49.86	21.06
#1	-.5645	2.106	.0274	.7415	2.986	2.787
#2	.9653	2.795	.2559	.5339	1.674	2.047
#3	2.196	1.177	.0414	.5498	1.116	1.907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.5297**	**.3551**	**1.347**	**-.4348**
Stddev	.2337	.5144	1.332	9.114
%RSD	44.12	144.9	98.88	2096.
#1	-.3331	.9489	2.621	-10.50
#2	-.7880	.0710	1.455	7.251
#3	-.4678	.0454	-.0357	1.949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**2374.8**	**26532.**	**3797.6**
Stddev	2.5	32.	32.3
%RSD	.10601	.12249	.84930
#1	2377.3	26567.	3832.3
#2	2374.9	26525.	3791.9
#3	2372.3	26503.	3768.6

POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Standard: 1 Rep: 1              Seq:  1       14:06:25 27 Jun 12   HG

Hg    .000    ppb      2033                                                  =
*** Standard: 2 Rep: 1              Seq:  2       14:08:12 27 Jun 12   HG

Hg    .100    ppb      9310                                                  =
*** Standard: 3 Rep: 1              Seq:  3       14:10:09 27 Jun 12   HG

Hg    1.00    ppb      51054                                                 =
*** Standard: 4 Rep: 1              Seq:  4       14:12:46 27 Jun 12   HG

Hg    2.00    ppb      94813                                                 =
*** Standard: 5 Rep: 1              Seq:  5       14:14:36 27 Jun 12   HG

Hg    5.00    ppb      225683                                                =
*** Standard: 6 Rep: 1              Seq:  6       14:16:23 27 Jun 12   HG

Hg    10.0    ppb      447507                                                =
*** Check Standard: 3  Ck3AICV      Seq:  7       14:18:10 27 Jun 12   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.3     4.96    5.00   ppb         .000                         =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  8       14:20:24 27 Jun 12   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.101     .200     ppb         .000                              =
*** Sample ID:                       Seq:  9       14:22:10 27 Jun 12   HG
                          MB 460-117626/1-A
Hg   -.089    ppb       .000     -.089                                       =
===============================================================================
*** Sample ID: LCSSRM 460           Seq:  10      14:24:20 27 Jun 12   HG
                         -117626/2-a@20
Hg    3.81    ppb       .000      3.81                                       =
===============================================================================
*** Sample ID:                       Seq:  11      14:26:17 27 Jun 12   HG
                          460-41730-E-5-B
Hg    1.06    ppb       .000      1.06                                       =
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12	14:28:04 27 Jun 12	HG			
				460-41730-A-5-F DU					
Hg	1.10	ppb	.000	1.10					=
*** Sample ID:				Seq: 13	14:29:52 27 Jun 12	HG			
				460-41730-E-5-C MS					
Hg	2.62	ppb	.000	2.62					=
*** Sample ID:				Seq: 14	14:31:59 27 Jun 12	HG			
				460-41711-A-1-B					
Hg	.025	ppb	.000	.025					=
*** Sample ID:				Seq: 15	14:33:48 27 Jun 12	HG			
				460-41711-A-3-B					
Hg	.017	ppb	.000	.017					=
*** Sample ID:				Seq: 16	14:35:33 27 Jun 12	HG			
				460-41711-A-5-B					
Hg	.039	ppb	.000	.039					=

*** Check Standard: 2 Ck2ACCV			Seq: 17	14:37:28 27 Jun 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.22	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB			Seq: 18	14:39:17 27 Jun 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.083	.200	ppb	.000	

*** Sample ID:				Seq: 19	14:41:35 27 Jun 12	HG			
				460-41725-C-1-B					
Hg	.275	ppb	.000	.275					=
*** Sample ID:				Seq: 20	14:43:23 27 Jun 12	HG			
				460-41730-E-1-B					
Hg	1.00	ppb	.000	1.00					=
*** Sample ID:				Seq: 21	14:45:21 27 Jun 12	HG			
				460-41730-E-2-B					
Hg	1.13	ppb	.000	1.13					=
*** Sample ID:				Seq: 22	14:47:09 27 Jun 12	HG			
				460-41730-E-3-B					
Hg	.031	ppb	.000	.031					=
*** Sample ID:				Seq: 23	14:49:05 27 Jun 12	HG			
				460-41730-E-4-B					
Hg	.074	ppb	.000	.074					=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 24	14:50:50 27 Jun 12	HG		
				460-41730-E-6-B				
Hg	.865	ppb	.000	.865				
*** Sample ID:				Seq: 25	14:52:48 27 Jun 12	HG		
				460-41730-E-7-B				
Hg	.898	ppb	.000	.898				
*** Sample ID:				Seq: 26	14:54:37 27 Jun 12	HG		
				460-41730-E-8-B				
Hg	.394	ppb	.000	.394				
*** Check Standard: 2 Ck2ACCV				Seq: 27	14:56:24 27 Jun 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		106.	5.31	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 28	14:58:12 27 Jun 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.085	.200	ppb	.000			
*** Sample ID:				Seq: 29	15:00:20 27 Jun 12	HG		
				460-41730-E-9-B				
Hg	.023	ppb	.000	.023				
*** Sample ID:				Seq: 30	15:02:25 27 Jun 12	HG		
				460-41730-E-10-B				
Hg	.284	ppb	.000	.284				
*** Sample ID:				Seq: 31	15:04:11 27 Jun 12	HG		
				460-41730-E-11-B				
Hg	.157	ppb	.000	.157				
*** Sample ID:				Seq: 32	15:06:19 27 Jun 12	HG		
				460-41730-E-12-B				
Hg	-.029	ppb	.000	-.029				
*** Sample ID:				Seq: 33	15:08:26 27 Jun 12	HG		
				460-41730-E-13-B				
Hg	7.26	ppb	.000	7.26				
*** Sample ID:				Seq: 34	15:10:10 27 Jun 12	HG		
				460-41730-E-14-B				
Hg	2.08	ppb	.000	2.08				
*** Sample ID:				Seq: 35	15:12:05 27 Jun 12	HG		
				460-41730-E-15-B				
Hg	-.064	ppb	.000	-.064				

Protocol: SW846A

POST-RUN REPORT

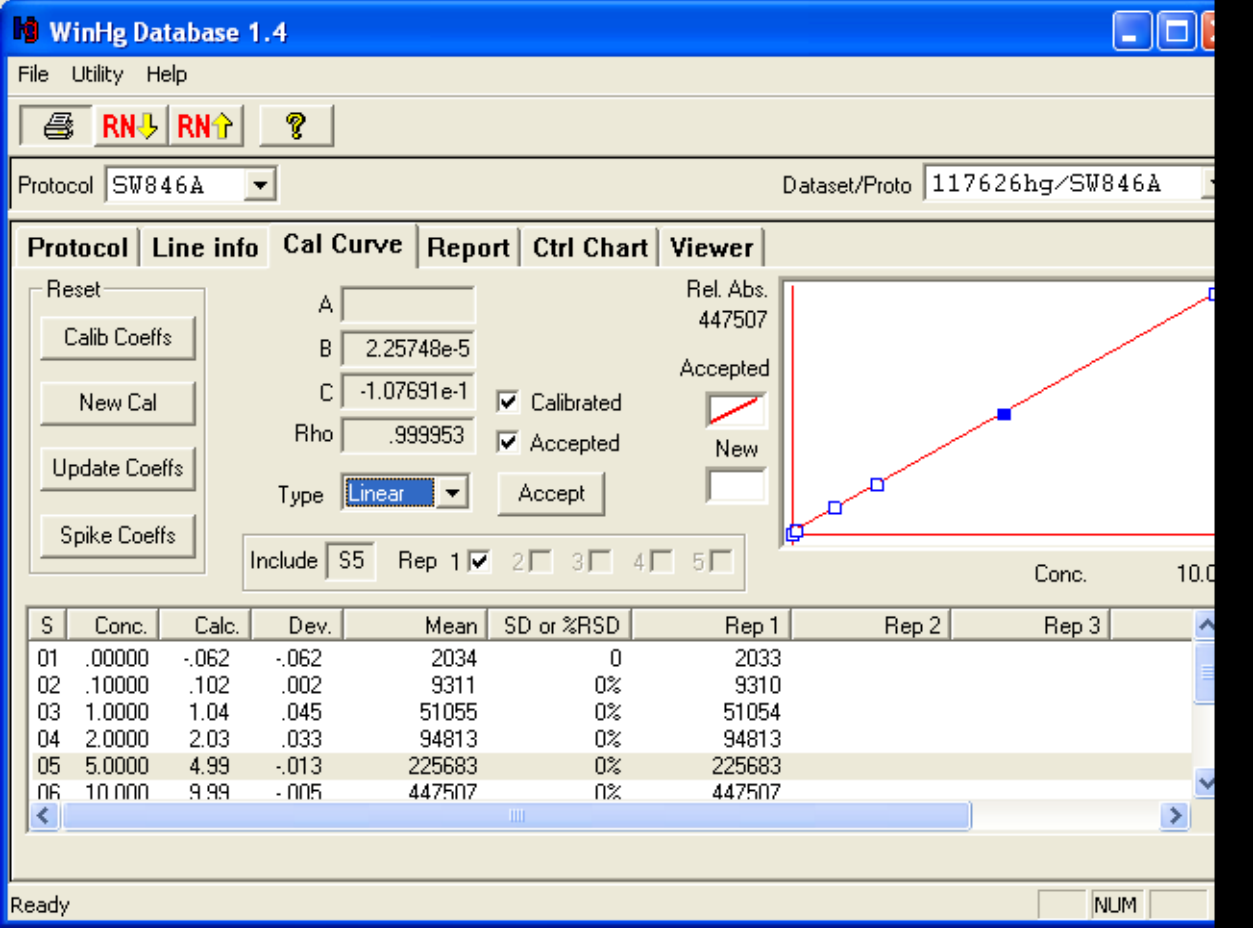
Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 36	15:13:51 27 Jun 12	HG		
				460-41730-E-16-B				
Hg	7.20	ppb	.000	7.20				
*** Sample ID:				Seq: 37	15:15:46 27 Jun 12	HG		
				sd 460-41730-E-5-B@5				
Hg	.126	ppb	.000	.126				

*** Check Standard: 2 Ck2ACCV Seq: 38 15:17:41 27 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	5.38	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 15:19:30 27 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.096	.200	ppb	.000


WinHg Database 1.4
File Utility Help
RN RN
Protocol SW846A
Dataset/Proto 117626hg/SW846A
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.25748e-5
C -1.07691e-1
Rho .999953
Type Linear
Calibrated
Accepted
Accept
Rel. Abs.
447507
Accepted
New
Include S5 Rep 1 2 3 4 5
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %RSD Rep 1 Rep 2 Rep 3
01 .00000 -.062 -.062 2034 0 2033
02 .10000 .102 .002 9311 0% 9310
03 1.0000 1.04 .045 51055 0% 51054
04 2.0000 2.03 .033 94813 0% 94813
05 5.0000 4.99 -.013 225683 0% 225683
06 10.000 9.99 -.005 447507 0% 447507
Ready
NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1	14:06:25 27 Jun 12	HG		
Hg	.000	ppb	2033					
		Bkgd 1	6993246					
*** Standard: 2 Rep: 1				Seq: 2	14:08:12 27 Jun 12	HG		
Hg	.100	ppb	9310					
		Bkgd 1	6988020					
*** Standard: 3 Rep: 1				Seq: 3	14:10:09 27 Jun 12	HG		
Hg	1.00	ppb	51054					
		Bkgd 1	6981959					
*** Standard: 4 Rep: 1				Seq: 4	14:12:46 27 Jun 12	HG		
Hg	2.00	ppb	94813					
		Bkgd 1	6976188					
*** Standard: 5 Rep: 1				Seq: 5	14:14:36 27 Jun 12	HG		
Hg	5.00	ppb	225683					
		Bkgd 1	6976233					
*** Standard: 6 Rep: 1				Seq: 6	14:16:23 27 Jun 12	HG		
Hg	10.0	ppb	447507					
		Bkgd 1	6977948					
*** Check Standard: 3			Ck3AICV	Seq: 7	14:18:10 27 Jun 12	HG		
Line	Flag		Intensities					
Hg			224643					
		Bkgd 1	6976888					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8	14:20:24 27 Jun 12	HG		
Line	Flag		Intensities					
Hg			306					
		Bkgd 1	6983965					
*** Sample ID:				Seq: 9	14:22:10 27 Jun 12	HG		
			MB 460-117626/1-A					
Hg	-.089	ppb	822					
		Bkgd 1	6986907					

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: LCSSRM 460				Seq: 10	14:24:20 27 Jun 12				HG
			-117626/2-a@20						
Hg	3.81	ppb	173411						
		Bkgd 1	6988236						=
									=
*** Sample ID:				Seq: 11	14:26:17 27 Jun 12				HG
			460-41730-E-5-B						
Hg	1.06	ppb	51685						
		Bkgd 1	6990270						=
									=
*** Sample ID:				Seq: 12	14:28:04 27 Jun 12				HG
			460-41730-A-5-F DU						
Hg	1.10	ppb	53443						
		Bkgd 1	6991826						=
									=
*** Sample ID:				Seq: 13	14:29:52 27 Jun 12				HG
			460-41730-E-5-C MS						
Hg	2.62	ppb	120731						
		Bkgd 1	6992439						=
									=
*** Sample ID:				Seq: 14	14:31:59 27 Jun 12				HG
			460-41711-A-1-B						
Hg	.025	ppb	5873						
		Bkgd 1	6990539						=
									=
*** Sample ID:				Seq: 15	14:33:48 27 Jun 12				HG
			460-41711-A-3-B						
Hg	.017	ppb	5540						
		Bkgd 1	6990290						=
									=
*** Sample ID:				Seq: 16	14:35:33 27 Jun 12				HG
			460-41711-A-5-B						
Hg	.039	ppb	6509						
		Bkgd 1	6987255						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 17	14:37:28 27 Jun 12				HG
Line	Flag		Intensities						
Hg			236106						
		Bkgd 1	6980090						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 18	14:39:17 27 Jun 12				HG
Line	Flag		Intensities						
Hg			1092						
		Bkgd 1	6975362						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 19	14:41:35 27 Jun 12	HG			
				460-41725-C-1-B					
Hg	.275	ppb	16955						
		Bkgd 1	6976650						=
									=
*** Sample ID:				Seq: 20	14:43:23 27 Jun 12	HG			
				460-41730-E-1-B					
Hg	1.00	ppb	49219						
		Bkgd 1	6978117						=
									=
*** Sample ID:				Seq: 21	14:45:21 27 Jun 12	HG			
				460-41730-E-2-B					
Hg	1.13	ppb	54983						
		Bkgd 1	6980290						=
									=
*** Sample ID:				Seq: 22	14:47:09 27 Jun 12	HG			
				460-41730-E-3-B					
Hg	.031	ppb	6155						
		Bkgd 1	6980950						=
									=
*** Sample ID:				Seq: 23	14:49:05 27 Jun 12	HG			
				460-41730-E-4-B					
Hg	.074	ppb	8045						
		Bkgd 1	6983173						=
									=
*** Sample ID:				Seq: 24	14:50:50 27 Jun 12	HG			
				460-41730-E-6-B					
Hg	.865	ppb	43066						
		Bkgd 1	6985724						=
									=
*** Sample ID:				Seq: 25	14:52:48 27 Jun 12	HG			
				460-41730-E-7-B					
Hg	.898	ppb	44552						
		Bkgd 1	6986376						=
									=
*** Sample ID:				Seq: 26	14:54:37 27 Jun 12	HG			
				460-41730-E-8-B					
Hg	.394	ppb	22241						
		Bkgd 1	6986822						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 27	14:56:24 27 Jun 12	HG			
Line	Flag		Intensities						
Hg			239833						
		Bkgd 1	6985327						=
									=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 1			Ck1ICB/CCB	Seq: 28		14:58:12 27 Jun 12		HG	
Line Flag			Intensities						
Hg			995						
		Bkgd 1	6982414						=
									=
*** Sample ID:				Seq: 29		15:00:20 27 Jun 12		HG	
			460-41730-E-9-B						
Hg	.023	ppb	5787						
		Bkgd 1	6981726						=
									=
*** Sample ID:				Seq: 30		15:02:25 27 Jun 12		HG	
			460-41730-E-10-B						
Hg	.284	ppb	17367						
		Bkgd 1	6979128						=
									=
*** Sample ID:				Seq: 31		15:04:11 27 Jun 12		HG	
			460-41730-E-11-B						
Hg	.157	ppb	11742						
		Bkgd 1	6978262						=
									=
*** Sample ID:				Seq: 32		15:06:19 27 Jun 12		HG	
			460-41730-E-12-B						
Hg	-.029	ppb	3484						
		Bkgd 1	6978691						=
									=
*** Sample ID:				Seq: 33		15:08:26 27 Jun 12		HG	
			460-41730-E-13-B						
Hg	7.26	ppb	326366						
		Bkgd 1	6981486						=
									=
*** Sample ID:				Seq: 34		15:10:10 27 Jun 12		HG	
			460-41730-E-14-B						
Hg	2.08	ppb	96784						
		Bkgd 1	6979198						=
									=
*** Sample ID:				Seq: 35		15:12:05 27 Jun 12		HG	
			460-41730-E-15-B						
Hg	-.064	ppb	1946						
		Bkgd 1	6983829						=
									=
*** Sample ID:				Seq: 36		15:13:51 27 Jun 12		HG	
			460-41730-E-16-B						
Hg	7.20	ppb	323751						
		Bkgd 1	6985720						=
									=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: sd 460-41730-E-5-B@5			Seq: 37	15:15:46 27 Jun 12					HG
Hg	.126	ppb	10365						
		Bkgd 1	6984782						= =
*** Check Standard: 2		Ck2ACCV	Seq: 38	15:17:41 27 Jun 12					HG
Line	Flag		Intensities						
Hg			243027						
		Bkgd 1	6986500						= =
*** Check Standard: 1		Ck1ICB/CCB	Seq: 39	15:19:30 27 Jun 12					HG
Line	Flag		Intensities						
Hg			515						
		Bkgd 1	6984051						= =

Thomas Stalb
Leeman 5
Method 7471
6-27-2012

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 19:50:01 27 Jun 12 HG

Hg .000 ppb -40

*** Standard: 2 Rep: 1 Seq: 2 19:51:59 27 Jun 12 HG

Hg .100 ppb 405

*** Standard: 3 Rep: 1 Seq: 3 19:53:50 27 Jun 12 HG

Hg 1.00 ppb 3225

*** Standard: 4 Rep: 1 Seq: 4 19:55:40 27 Jun 12 HG

Hg 2.00 ppb 6379

*** Standard: 5 Rep: 1 Seq: 5 19:58:02 27 Jun 12 HG

Hg 5.00 ppb 15997

*** Standard: 6 Rep: 1 Seq: 6 19:59:53 27 Jun 12 HG

Hg 10.0 ppb 31689

*** Check Standard: 3 Ck3AICV Seq: 7 20:01:44 27 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.9	4.90	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:03:33 27 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.014	.200	ppb	.000

*** Sample ID: Seq: 9 20:05:31 27 Jun 12 HG
mb 460-117715/10-a

Hg .004 ppb .000 .004

==========

*** Sample ID: lcssrm 460 Seq: 10 20:07:59 27 Jun 12 HG
-117715/11-a@10

Hg 6.88 ppb .000 6.88
=

==========

*** Sample ID: Seq: 11 20:09:48 27 Jun 12 HG
460-41730-e-17-a

Hg 8.62 ppb .000 8.62
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 12 20:12:03 27 Jun 12 HG
460-41730-a-17-d du
Hg 9.16 ppb .000 9.16
=

*** Sample ID: Seq: 13 20:13:56 27 Jun 12 HG
460-41730-e-17-b ms
Hg 7.29 ppb .000 7.29
=

*** Sample ID: Seq: 14 20:15:47 27 Jun 12 HG
460-41730-e-18-b
Hg .006 ppb .000 .006
=

*** Sample ID: Seq: 15 20:17:50 27 Jun 12 HG
460-41730-a-19-b
Hg 1.25 ppb .000 1.25
=

*** Sample ID: Seq: 16 20:19:55 27 Jun 12 HG
460-41730-e-20-b
Hg .046 ppb .000 .046
=

*** Sample ID: Seq: 17 20:21:54 27 Jun 12 HG
460-41730-e-21-b
Hg .072 ppb .000 .072
=

*** Sample ID: Seq: 18 20:23:46 27 Jun 12 HG
460-41730-e-22-b
Hg .072 ppb .000 .072
=

*** Check Standard: 2 Ck2ACCV Seq: 19 20:25:36 27 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.1	4.95	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:27:36 27 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.016	.200	ppb	.000

=

*** Sample ID: Seq: 21 20:29:45 27 Jun 12 HG
460-41730-e-23-b
Hg .059 ppb .000 .059
=

*** Sample ID: Seq: 22 20:31:39 27 Jun 12 HG
460-41709-e-16-b
Hg 2.39 ppb .000 2.39
=

*** Sample ID: Seq: 23 20:33:38 27 Jun 12 HG
460-41709-e-17-b
Hg .157 ppb .000 .157
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 24 20:35:36 27 Jun 12 HG
460-41709-e-18-b
Hg 3.27 ppb .000 3.27
=

*** Sample ID: Seq: 25 20:37:50 27 Jun 12 HG
460-41709-e-19-b
Hg .115 ppb .000 .115
=

*** Sample ID: Seq: 26 20:39:49 27 Jun 12 HG
460-41709-e-20-b
Hg .984 ppb .000 .984
=

*** Sample ID: Seq: 27 20:43:28 27 Jun 12 HG
460-41709-e-21-b
Hg 4.81 ppb .000 4.81
=

*** Sample ID: Seq: 28 20:45:37 27 Jun 12 HG
460-41709-e-22-b
Hg 1.56 ppb .000 1.56
=

*** Sample ID: Seq: 29 20:47:40 27 Jun 12 HG
460-41709-e-23-b
Hg 2.13 ppb .000 2.13
=

*** Sample ID: Seq: 30 20:49:43 27 Jun 12 HG
460-41709-e-24-b
Hg .208 ppb .000 .208
=

*** Check Standard: 2 Ck2ACCV Seq: 31 20:51:42 27 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 98.3 4.91 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:53:41 27 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.005 .200 ppb .000
=

*** Sample ID: Seq: 33 20:55:42 27 Jun 12 HG
460-41709-e-25-b
Hg .973 ppb .000 .973
=

*** Sample ID: Seq: 34 20:57:43 27 Jun 12 HG
460-41749-d-1-a
Hg .521 ppb .000 .521
=

*** Sample ID: Seq: 35 20:59:43 27 Jun 12 HG
460-41735-e-1-b
Hg .050 ppb .000 .050
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 36 21:01:51 27 Jun 12 HG
460-41735-f-2-b
Hg .336 ppb .000 .336
=

*** Sample ID: Seq: 37 21:04:10 27 Jun 12 HG
SD 460-41730-e-17-a@
Hg -.019 ppb .000 -.019
=

*** Check Standard: 2 Ck2ACCV Seq: 38 21:05:59 27 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 100. 5.02 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 21:07:47 27 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.018 .200 ppb .000
=

*** Sample ID: Seq: 40 21:09:39 27 Jun 12 HG
mb 460-117723/10-a
Hg -.027 ppb .000 -.027
=

*** Sample ID: lcssrm 460 Seq: 41 21:12:28 27 Jun 12 HG
-117723/11-a@10
Hg 6.85 ppb .000 6.85
=

*** Sample ID: Seq: 42 21:14:38 27 Jun 12 HG
460-41741-f-13-c
Hg .289 ppb .000 .289
=

*** Sample ID: Seq: 43 21:17:09 27 Jun 12 HG
460-41741-f-13-d du
Hg .286 ppb .000 .286
=

*** Sample ID: Seq: 44 21:19:02 27 Jun 12 HG
460-41741-f-13-e ms
Hg 1.29 ppb .000 1.29
=

*** Sample ID: Seq: 45 21:21:23 27 Jun 12 HG
460-41739-d-1-b
Hg .039 ppb .000 .039
=

*** Sample ID: Seq: 46 21:23:25 27 Jun 12 HG
460-41739-d-2-b
Hg .063 ppb .000 .063
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 47 21:25:28 27 Jun 12 HG
460-41739-d-3-b
Hg .064 ppb .000 .064
=

*** Sample ID: Seq: 48 21:27:58 27 Jun 12 HG
460-41739-e-4-b
Hg .005 ppb .000 .005
=

*** Sample ID: Seq: 49 21:30:18 27 Jun 12 HG
460-41741-f-6-a
Hg .097 ppb .000 .097
=

*** Check Standard: 2 Ck2ACCV Seq: 50 21:32:08 27 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 99.5 4.98 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 21:33:56 27 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .012 .200 ppb .000
=

*** Sample ID: Seq: 52 21:36:48 27 Jun 12 HG
460-41741-f-11-c
Hg .082 ppb .000 .082
=

*** Sample ID: Seq: 53 21:38:37 27 Jun 12 HG
460-41741-f-12-g
Hg .109 ppb .000 .109
=

*** Sample ID: Seq: 54 21:40:29 27 Jun 12 HG
460-41741-f-14-c
Hg .075 ppb .000 .075
=

*** Sample ID: Seq: 55 21:42:29 27 Jun 12 HG
460-41641-a-3-a
Hg .069 ppb .000 .069
=

*** Sample ID: Seq: 56 21:44:31 27 Jun 12 HG
460-41641-e-4-d
Hg .926 ppb .000 .926
=

*** Sample ID: Seq: 57 21:46:22 27 Jun 12 HG
460-41641-e-5-d
Hg .027 ppb .000 .027
=

*** Sample ID: Seq: 58 21:48:33 27 Jun 12 HG
SD 460-41741-f-13-c@
Hg .010 ppb .000 .010
=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 59 21:50:22 27 Jun 12 HG

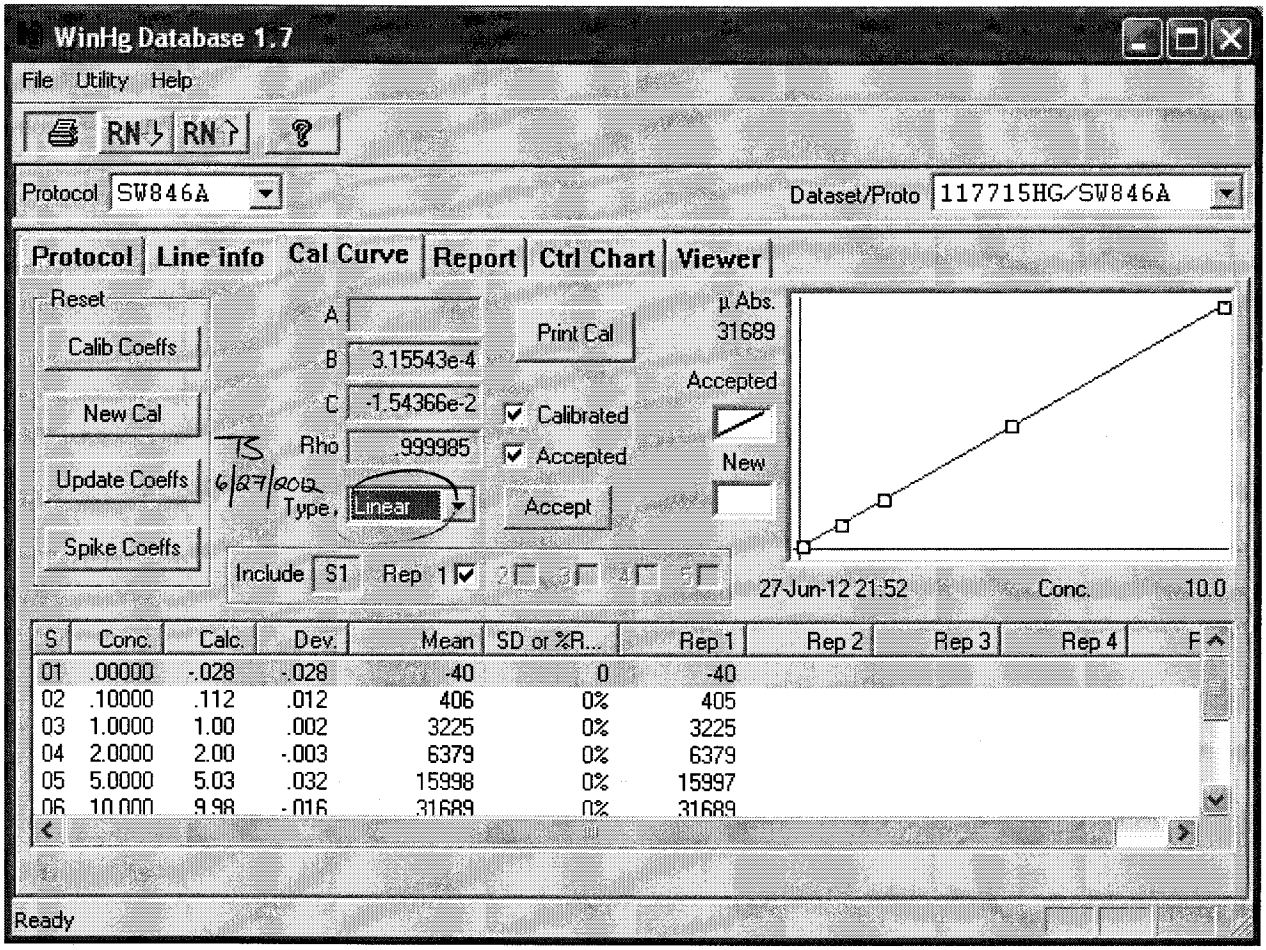
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.2	4.96	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 60 21:52:11 27 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.009	.200	ppb	.000

=


WinHg Database 1.7
File Utility Help
RN RN
Protocol SW846A
Dataset/Proto 117715HG/SW846A
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.15543e-4
C -1.54366e-2
Rho .999985
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
31689
Accepted
New
TS 6/27/2012
Include S1 Rep 1
27-Jun-12 21:52
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 -.028 -.028 -40 0 -40
02 .10000 .112 .012 406 0% 405
03 1.0000 1.00 .002 3225 0% 3225
04 2.0000 2.00 -.003 6379 0% 6379
05 5.0000 5.03 .032 15998 0% 15997
06 10.000 9.98 -.016 31689 0% 31689
Ready

Thomas Staib
Leeman 5
Method 7471
6-27-2012

(INTENSITIES) Folder: 117715HG Page 9441
Protocol: SW846A
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 Seq: 1 19:50:01 27 Jun 12 HG

Hg .000 ppb -40

=

*** Standard: 2 Rep: 1 Seq: 2 19:51:59 27 Jun 12 HG

Hg .100 ppb 405

=

*** Standard: 3 Rep: 1 Seq: 3 19:53:50 27 Jun 12 HG

Hg 1.00 ppb 3225

=

*** Standard: 4 Rep: 1 Seq: 4 19:55:40 27 Jun 12 HG

Hg 2.00 ppb 6379

=

*** Standard: 5 Rep: 1 Seq: 5 19:58:02 27 Jun 12 HG

Hg 5.00 ppb 15997

=

*** Standard: 6 Rep: 1 Seq: 6 19:59:53 27 Jun 12 HG

Hg 10.0 ppb 31689

=

*** Check Standard: 3 Ck3AICV Seq: 7 20:01:44 27 Jun 12 HG
Line Flag Intensities
Hg 15565

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:03:33 27 Jun 12 HG
Line Flag Intensities
Hg 92

=

*** Sample ID: Seq: 9 20:05:31 27 Jun 12 HG
mb 460-117715/10-a
Hg .004 ppb 63

=

==========

*** Sample ID: lcssrm 460 Seq: 10 20:07:59 27 Jun 12 HG
-117715/11-a@10
Hg 6.88 ppb 21838

=

==========

*** Sample ID: Seq: 11 20:09:48 27 Jun 12 HG
460-41730-e-17-a
Hg 8.62 ppb 27380

=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 12 20:12:03 27 Jun 12 HG
460-41730-a-17-d du
Hg 9.16 ppb 29070
=

*** Sample ID: Seq: 13 20:13:56 27 Jun 12 HG
460-41730-e-17-b ms
Hg 7.29 ppb 23149
=

*** Sample ID: Seq: 14 20:15:47 27 Jun 12 HG
460-41730-e-18-b
Hg .006 ppb 68
=

*** Sample ID: Seq: 15 20:17:50 27 Jun 12 HG
460-41730-a-19-b
Hg 1.25 ppb 4025
=

*** Sample ID: Seq: 16 20:19:55 27 Jun 12 HG
460-41730-e-20-b
Hg .046 ppb 194
=

*** Sample ID: Seq: 17 20:21:54 27 Jun 12 HG
460-41730-e-21-b
Hg .072 ppb 277
=

*** Sample ID: Seq: 18 20:23:46 27 Jun 12 HG
460-41730-e-22-b
Hg .072 ppb 277
=

*** Check Standard: 2 Ck2ACCV Seq: 19 20:25:36 27 Jun 12 HG
Line Flag Intensities
Hg 15750
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:27:36 27 Jun 12 HG
Line Flag Intensities
Hg -1
=

*** Sample ID: Seq: 21 20:29:45 27 Jun 12 HG
460-41730-e-23-b
Hg .059 ppb 236
=

*** Sample ID: Seq: 22 20:31:39 27 Jun 12 HG
460-41709-e-16-b
Hg 2.39 ppb 7624
=

*** Sample ID: Seq: 23 20:33:38 27 Jun 12 HG
460-41709-e-17-b
Hg .157 ppb 546
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 24 20:35:36 27 Jun 12 HG
460-41709-e-18-b
Hg 3.27 ppb 10417
=

*** Sample ID: Seq: 25 20:37:50 27 Jun 12 HG
460-41709-e-19-b
Hg .115 ppb 412
=

*** Sample ID: Seq: 26 20:39:49 27 Jun 12 HG
460-41709-e-20-b
Hg .984 ppb 3167
=

*** Sample ID: Seq: 27 20:43:28 27 Jun 12 HG
460-41709-e-21-b
Hg 4.81 ppb 15301
=

*** Sample ID: Seq: 28 20:45:37 27 Jun 12 HG
460-41709-e-22-b
Hg 1.56 ppb 5007
=

*** Sample ID: Seq: 29 20:47:40 27 Jun 12 HG
460-41709-e-23-b
Hg 2.13 ppb 6786
=

*** Sample ID: Seq: 30 20:49:43 27 Jun 12 HG
460-41709-e-24-b
Hg .208 ppb 709
=

*** Check Standard: 2 Ck2ACCV Seq: 31 20:51:42 27 Jun 12 HG
Line Flag Intensities
Hg 15619
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:53:41 27 Jun 12 HG
Line Flag Intensities
Hg 33
=

*** Sample ID: Seq: 33 20:55:42 27 Jun 12 HG
460-41709-e-25-b
Hg .973 ppb 3133
=

*** Sample ID: Seq: 34 20:57:43 27 Jun 12 HG
460-41749-d-1-a
Hg .521 ppb 1701
=

*** Sample ID: Seq: 35 20:59:43 27 Jun 12 HG
460-41735-e-1-b
Hg .050 ppb 207
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 36 21:01:51 27 Jun 12 HG
460-41735-f-2-b
Hg .336 ppb 1115
=

*** Sample ID: Seq: 37 21:04:10 27 Jun 12 HG
SD 460-41730-e-17-a@
Hg -.019 ppb -12
=

*** Check Standard: 2 Ck2ACCV Seq: 38 21:05:59 27 Jun 12 HG
Line Flag Intensities
Hg 15948
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 21:07:47 27 Jun 12 HG
Line Flag Intensities
Hg -9
=

*** Sample ID: Seq: 40 21:09:39 27 Jun 12 HG
mb 460-117723/10-a
Hg -.027 ppb -38
=

==========

*** Sample ID: lcssrm 460 Seq: 41 21:12:28 27 Jun 12 HG
-117723/11-a@10
Hg 6.85 ppb 21750
=

==========

*** Sample ID: Seq: 42 21:14:38 27 Jun 12 HG
460-41741-f-13-c
Hg .289 ppb 965
=

*** Sample ID: Seq: 43 21:17:09 27 Jun 12 HG
460-41741-f-13-d du
Hg .286 ppb 956
=

*** Sample ID: Seq: 44 21:19:02 27 Jun 12 HG
460-41741-f-13-e ms
Hg 1.29 ppb 4129
=

*** Sample ID: Seq: 45 21:21:23 27 Jun 12 HG
460-41739-d-1-b
Hg .039 ppb 174
=

*** Sample ID: Seq: 46 21:23:25 27 Jun 12 HG
460-41739-d-2-b
Hg .063 ppb 250
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 21:25:28 27 Jun 12 HG
460-41739-d-3-b
Hg .064 ppb 253
=

*** Sample ID: Seq: 48 21:27:58 27 Jun 12 HG
460-41739-e-4-b
Hg .005 ppb 66
=

*** Sample ID: Seq: 49 21:30:18 27 Jun 12 HG
460-41741-f-6-a
Hg .097 ppb 355
=

*** Check Standard: 2 Ck2ACCV Seq: 50 21:32:08 27 Jun 12 HG
Line Flag Intensities
Hg 15817
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 21:33:56 27 Jun 12 HG
Line Flag Intensities
Hg 86
=

*** Sample ID: Seq: 52 21:36:48 27 Jun 12 HG
460-41741-f-11-c
Hg .082 ppb 309
=

*** Sample ID: Seq: 53 21:38:37 27 Jun 12 HG
460-41741-f-12-g
Hg .109 ppb 394
=

*** Sample ID: Seq: 54 21:40:29 27 Jun 12 HG
460-41741-f-14-c
Hg .075 ppb 288
=

*** Sample ID: Seq: 55 21:42:29 27 Jun 12 HG
460-41641-a-3-a
Hg .069 ppb 267
=

*** Sample ID: Seq: 56 21:44:31 27 Jun 12 HG
460-41641-e-4-d
Hg .926 ppb 2985
=

*** Sample ID: Seq: 57 21:46:22 27 Jun 12 HG
460-41641-e-5-d
Hg .027 ppb 134
=

*** Sample ID: Seq: 58 21:48:33 27 Jun 12 HG
SD 460-41741-f-13-c@
Hg .010 ppb 82
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 59 21:50:22 27 Jun 12 HG

Line	Flag	Intensities
Hg		15768

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 60 21:52:11 27 Jun 12 HG

Line	Flag	Intensities
Hg		79

=

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117597 Batch Start Date: 06/27/12 07:39 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/27/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
MB 460-117597/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-117597/2		3050B, 6010B		CALC NOT SET TO RUN	1.01 g	50 mL		1 g	
460-41706-B-2 DU		3050B, 6010B	T	CALC NOT SET TO RUN	1.01 g	50 mL			
460-41706-B-2 MS		3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	2 mL		
460-41730-E-1	SL-10	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-41730-E-2	SF-26	3050B, 6010B	T	CALC NOT SET TO RUN	1.01 g	50 mL			

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Logbook ID for diluted Nitric	MPR197
Lot # of Nitric Acid	L03021
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	138085263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117600 Batch Start Date: 06/27/12 07:50 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/27/12 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
MB 460-117600/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-117600/2		3050B, 6010B		CALC NOT SET TO RUN	1.03 g	50 mL		1 g	
460-41730-E-5	SF-29	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-41730-A-5 DU	SF-29	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-41730-A-5 MS	SF-29	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL	2 mL		
460-41730-E-3	SF-27	3050B, 6010B	T	CALC NOT SET TO RUN	1.14 g	50 mL			
460-41730-E-4	SF-28	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-41730-E-6	SF-30	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41730-E-7	SF-31	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41730-E-8	SF-32	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41730-E-9	SF-33	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41730-E-10	FD-H	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-41730-E-11	F-17	3050B, 6010B	T	CALC NOT SET TO RUN	1.01 g	50 mL			
460-41730-E-12	F-18	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41730-E-13	F-19	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-41730-E-14	F-20	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41730-E-15	F-21	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-41730-E-16	F-22	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			
460-41730-E-18	F-24	3050B, 6010B	T	CALC NOT SET TO RUN	1.11 g	50 mL			
460-41730-A-19	F-25	3050B, 6010B	T	CALC NOT SET TO RUN	1.13 g	50 mL			
460-41730-E-20	F-26	3050B, 6010B	T	CALC NOT SET TO RUN	1.11 g	50 mL			
460-41730-E-21	F-27	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117600 Batch Start Date: 06/27/12 07:50 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/27/12 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
460-41730-E-22	F-28	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41730-E-23	FD-J	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Logbook ID for diluted Nitric	MPR197
Lot # of Nitric Acid	L03021
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	138085263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117761 Batch Start Date: 06/28/12 06:33 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/28/12 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
MB 460-117761/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-117761/2		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		1 g	
460-41730-A-17	F-23	3050B, 6010B	T	CALC NOT SET TO RUN	1.09 g	50 mL			
460-41730-A-17 DU	F-23	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-41730-E-17 MS	F-23	3050B, 6010B	T	CALC NOT SET TO RUN	1.01 g	50 mL	2 mL		

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Logbook ID for diluted Nitric	MPR197
Lot # of Nitric Acid	L03021
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	138085263

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117626 Batch Start Date: 06/27/12 10:17 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/27/12 10:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00835	ME_DQCS-INT 00549	ME_LCSS_75 00003	
MB 460-117626/1		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-117626/2		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-41730-E-5	SF-29	7471A, 7471A	T	0.60 g	100 mL				
460-41730-A-5 DU	SF-29	7471A, 7471A	T	0.60 g	100 mL				
460-41730-E-5 MS	SF-29	7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-41730-E-1	SL-10	7471A, 7471A	T	0.64 g	100 mL				
460-41730-E-2	SF-26	7471A, 7471A	T	0.64 g	100 mL				
460-41730-E-3	SF-27	7471A, 7471A	T	0.62 g	100 mL				
460-41730-E-4	SF-28	7471A, 7471A	T	0.71 g	100 mL				
460-41730-E-6	SF-30	7471A, 7471A	T	0.66 g	100 mL				
460-41730-E-7	SF-31	7471A, 7471A	T	0.62 g	100 mL				
460-41730-E-8	SF-32	7471A, 7471A	T	0.63 g	100 mL				
460-41730-E-9	SF-33	7471A, 7471A	T	0.69 g	100 mL				
460-41730-E-10	FD-H	7471A, 7471A	T	0.72 g	100 mL				
460-41730-E-11	F-17	7471A, 7471A	T	0.66 g	100 mL				
460-41730-E-12	F-18	7471A, 7471A	T	0.64 g	100 mL				
460-41730-E-13	F-19	7471A, 7471A	T	0.62 g	100 mL				
460-41730-E-14	F-20	7471A, 7471A	T	0.60 g	100 mL				
460-41730-E-15	F-21	7471A, 7471A	T	0.60 g	100 mL				
460-41730-E-16	F-22	7471A, 7471A	T	0.66 g	100 mL				
ICV 460-117626/31		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-117626/32		7471A, 7471A		0.60 g	100 mL		5 mL		

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117626 Batch Start Date: 06/27/12 10:17 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/27/12 10:32

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01463
Balance ID	33
Sulfuric Acid Lot Number	k53043
Lot # of hydrochloric acid	hgr01465
Lot # of Nitric Acid	l03021
Hood ID or number	1
Potassium Permanganate Lot Number	hgr01462
NaCL Lot #	hgr01463
Oven, Bath or Block Temperature 1	121c
Pipette ID	3
Stannous Chloride Lot Number	hgr01464

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117715 Batch Start Date: 06/27/12 17:08 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 06/27/12 18:53

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00835	ME_DQCS-INT 00549	ME_LCSS_75 00003	
ICV 460-117715/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-117715/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-117715/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-117715/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-41730-E-17	F-23	7471A, 7471A	T	0.60 g	100 mL				
460-41730-A-17 DU	F-23	7471A, 7471A	T	0.60 g	100 mL				
460-41730-E-17 MS	F-23	7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-41730-E-18	F-24	7471A, 7471A	T	0.67 g	100 mL				
460-41730-A-19	F-25	7471A, 7471A	T	0.60 g	100 mL				
460-41730-E-20	F-26	7471A, 7471A	T	0.64 g	100 mL				
460-41730-E-21	F-27	7471A, 7471A	T	0.62 g	100 mL				
460-41730-E-22	F-28	7471A, 7471A	T	0.63 g	100 mL				
460-41730-E-23	FD-J	7471A, 7471A	T	0.60 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01459
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K20042
Lot # of hydrochloric acid	HgR01456
Lot # of Nitric Acid	L03021
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01458
NaCL Lot #	HgR01459
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01457
ID number of the thermometer	Prep-1

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 117715 Batch Start Date: 06/27/12 17:08 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 06/27/12 18:53

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG No.:

Project: C360112. Mt.Kisko, NY

Client Sample ID	Lab Sample ID
SL-10	460-41730-1
SF-26	460-41730-2
SF-27	460-41730-3
SF-28	460-41730-4
SF-29	460-41730-5
SF-30	460-41730-6
SF-31	460-41730-7
SF-32	460-41730-8
SF-33	460-41730-9
FD-H	460-41730-10
F-17	460-41730-11
F-18	460-41730-12
F-19	460-41730-13
F-20	460-41730-14
F-21	460-41730-15
F-22	460-41730-16
F-23	460-41730-17
F-24	460-41730-18
F-25	460-41730-19
F-26	460-41730-20
F-27	460-41730-21
F-28	460-41730-22
FD-J	460-41730-23

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SL-10 | Lab Sample ID: 460-41730-1

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 08:35

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 86.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.063	0.58	0.063	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-26 | Lab Sample ID: 460-41730-2

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 09:55

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 80.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.067	0.62	0.067	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-27 | Lab Sample ID: 460-41730-3

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 10:50

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 86.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.063	0.58	0.063	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-28 | Lab Sample ID: 460-41730-4

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 11:30

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.060	0.56	0.060	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-29 | Lab Sample ID: 460-41730-5

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 12:04

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 84.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.064	0.59	0.064	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-30 | Lab Sample ID: 460-41730-6

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 13:45

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 87.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.062	0.57	0.062	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-31 | Lab Sample ID: 460-41730-7

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 08:40

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.16	0.58	0.063	mg/Kg	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-32 | Lab Sample ID: 460-41730-8

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 09:30

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 70.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.076	0.71	0.076	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-33 | Lab Sample ID: 460-41730-9

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 10:15

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 88.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.061	0.57	0.061	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FD-H
Lab Sample ID: 460-41730-10
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/25/2012 00:00
Reporting Basis: DRY
Date Received: 06/26/2012 18:45
% Solids: 85.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.12	0.59	0.063	mg/Kg	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-17 | Lab Sample ID: 460-41730-11

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 10:38

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 93.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.058	0.54	0.058	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-18 | Lab Sample ID: 460-41730-12

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 12:50

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.059	0.55	0.059	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-19 Lab Sample ID: 460-41730-13

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG ID.:

Matrix: Solid Date Sampled: 06/25/2012 12:55

Reporting Basis: DRY Date Received: 06/26/2012 18:45

% Solids: 85.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.063	0.58	0.063	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-20 | Lab Sample ID: 460-41730-14

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/25/2012 13:00

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.25	0.59	0.064	mg/Kg	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-21 | Lab Sample ID: 460-41730-15

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 09:20

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 88.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.061	0.57	0.061	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-22 | Lab Sample ID: 460-41730-16

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 11:24

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 92.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.058	0.54	0.058	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-23 | Lab Sample ID: 460-41730-17

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 11:32

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 39.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.83	1.3	0.14	mg/Kg	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-24 | Lab Sample ID: 460-41730-18

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:10

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 90.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.060	0.55	0.060	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-25 | Lab Sample ID: 460-41730-19

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:15

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 90.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.060	0.56	0.060	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-26 | Lab Sample ID: 460-41730-20

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:22

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 88.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.061	0.57	0.061	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-27 | Lab Sample ID: 460-41730-21

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 13:55

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 88.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.061	0.57	0.061	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-28 | Lab Sample ID: 460-41730-22

Lab Name: TestAmerica Edison | Job No.: 460-41730-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/26/2012 14:20

Reporting Basis: DRY | Date Received: 06/26/2012 18:45

% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.060	0.56	0.060	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FD-J
Lab Sample ID: 460-41730-23
Lab Name: TestAmerica Edison
Job No.: 460-41730-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/26/2012 00:00
Reporting Basis: DRY
Date Received: 06/26/2012 18:45
% Solids: 89.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.060	0.56	0.060	mg/Kg	U		1	9012A

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Analyst: HV Batch Start Date: 07/07/2012

Reporting Units: mg/L Analytical Batch No.: 118941

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	15:54	Cyanide, Total	0.202	0.200	101	90-110		WTcnIM3_00735
9	CCB	15:55	Cyanide, Total	0.0014				U	
10	CCV	15:56	Cyanide, Total	0.203	0.200	101	90-110		WTcnIM3_00735
30	CCV	16:19	Cyanide, Total	0.201	0.200	101	90-110		WTcnIM3_00735
31	CCB	16:20	Cyanide, Total	0.0014				U	
42	CCV	16:32	Cyanide, Total	0.201	0.200	101	90-110		WTcnIM3_00735
43	CCB	16:33	Cyanide, Total	0.0014				U	
54	CCV	16:46	Cyanide, Total	0.201	0.200	101	90-110		WTcnIM3_00735
55	CCB	16:47	Cyanide, Total	0.0014				U	
65	CCV	16:58	Cyanide, Total	0.200	0.200	100	90-110		WTcnIM3_00735
66	CCB	17:00	Cyanide, Total	0.0014				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Analyst: HV Batch Start Date: 07/09/2012

Reporting Units: mg/L Analytical Batch No.: 119062

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	12:31	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00736
9	CCB	12:33	Cyanide, Total	0.0014				U	
10	CCV	12:34	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00736
42	CCV	13:12	Cyanide, Total	0.197	0.200	98	90-110		WTcnIM3_00736
43	CCB	13:13	Cyanide, Total	0.0014				U	
54	CCV	13:28	Cyanide, Total	0.197	0.200	98	90-110		WTcnIM3_00736
55	CCB	13:29	Cyanide, Total	0.0014				U	
65	CCV	13:40	Cyanide, Total	0.197	0.200	99	90-110		WTcnIM3_00736
66	CCB	13:41	Cyanide, Total	0.0014				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Analyst: HV Batch Start Date: 07/10/2012

Reporting Units: mg/L Analytical Batch No.: 119244

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	13:23	Cyanide, Total	0.200	0.200	100	90-110		WTcnIM3_00737
9	CCB	13:25	Cyanide, Total	0.0014				U	
10	CCV	13:26	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00737
18	CCV	13:35	Cyanide, Total	0.198	0.200	99	90-110		WTcnIM3_00737
19	CCB	13:36	Cyanide, Total	0.0014				U	
30	CCV	13:48	Cyanide, Total	0.197	0.200	99	90-110		WTcnIM3_00737
31	CCB	13:50	Cyanide, Total	0.0014				U	
42	CCV	14:02	Cyanide, Total	0.198	0.200	99	90-110		WTcnIM3_00737
43	CCB	14:03	Cyanide, Total	0.0014				U	
54	CCV	14:16	Cyanide, Total	0.198	0.200	99	90-110		WTcnIM3_00737
55	CCB	14:17	Cyanide, Total	0.0014				U	
66	CCV	14:29	Cyanide, Total	0.198	0.200	99	90-110		WTcnIM3_00737
67	CCB	14:30	Cyanide, Total	0.0014				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 118941	Date: 07/07/2012 16:28	Prep Batch: 118918	Date: 07/07/2012 06:30				
9012A	MB 460-118918/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 118941	Date: 07/07/2012 16:39	Prep Batch: 118916	Date: 07/07/2012 06:30				
9012A	MB 460-118916/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 119062	Date: 07/09/2012 13:25	Prep Batch: 119056	Date: 07/09/2012 09:30				
9012A	MB 460-119056/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 119244	Date: 07/10/2012 13:41	Prep Batch: 119162	Date: 07/10/2012 06:30				
9012A	MB 460-119162/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 119244	Date: 07/10/2012 14:12	Prep Batch: 119193	Date: 07/10/2012 10:00				
9012A	MB 460-119193/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118941	Date: 07/07/2012 16:31		Prep Batch: 118918		Date: 07/07/2012 06:30						
9012A	460-41709-E-5-E	Cyanide, Total	0.065	U	mg/Kg						
9012A	460-41709-E-5-E MS	Cyanide, Total	12.15		mg/Kg	12.0	102	85-115			
Batch ID: 118941	Date: 07/07/2012 16:42		Prep Batch: 118916		Date: 07/07/2012 06:30						
9012A	460-41730-5	Cyanide, Total	0.064	U	mg/Kg						
9012A	460-41730-5 MS	Cyanide, Total	12.27		mg/Kg	11.8	104	85-115			
Batch ID: 119062	Date: 07/09/2012 13:31		Prep Batch: 119056		Date: 07/09/2012 09:30						
9012A	460-41733-A-1-J	Cyanide, Total	0.076	U	mg/Kg						
9012A	460-41733-A-1-J MS	Cyanide, Total	13.70		mg/Kg	14.1	97	85-115			
Batch ID: 119244	Date: 07/10/2012 13:45		Prep Batch: 119162		Date: 07/10/2012 06:30						
9012A	460-41730-17	Cyanide, Total	0.83	J	mg/Kg						
9012A	460-41730-17 MS	Cyanide, Total	24.99		mg/Kg	25.2	96	85-115			
Batch ID: 119244	Date: 07/10/2012 14:18		Prep Batch: 119193		Date: 07/10/2012 10:00						
9012A	460-41730-20	Cyanide, Total	0.061	U	mg/Kg						
9012A	460-41730-20 MS	Cyanide, Total	11.78		mg/Kg	11.4	104	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118941	Date: 07/07/2012 16:35		Prep Batch: 118918		Date: 07/07/2012 06:30						
9012A	460-41709-E-5 -F MSD	Cyanide, Total	12.10		mg/Kg	12.0	101	85-115	0	10	
Batch ID: 118941	Date: 07/07/2012 16:44		Prep Batch: 118916		Date: 07/07/2012 06:30						
9012A	460-41730-5 MSD	Cyanide, Total	12.12		mg/Kg	11.8	102	85-115	1	10	
Batch ID: 119062	Date: 07/09/2012 13:32		Prep Batch: 119056		Date: 07/09/2012 09:30						
9012A	460-41733-A-1 -K MSD	Cyanide, Total	13.71		mg/Kg	14.1	97	85-115	0	10	
Batch ID: 119244	Date: 07/10/2012 13:46		Prep Batch: 119162		Date: 07/10/2012 06:30						
9012A	460-41730-17 MSD	Cyanide, Total	25.24		mg/Kg	25.2	97	85-115	1	10	
Batch ID: 119244	Date: 07/10/2012 14:19		Prep Batch: 119193		Date: 07/10/2012 10:00						
9012A	460-41730-20 MSD	Cyanide, Total	11.76		mg/Kg	11.4	104	85-115	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118941	Date: 07/07/2012 16:29		Prep Batch: 118918		Date: 07/07/2012 06:30						
					LCS Source: WTcnIM2_00873						
9012A	LLCS 460-118918/2-A	Cyanide, Total	1.27		mg/Kg	1.25	102	90-110			
Batch ID: 118941	Date: 07/07/2012 16:40		Prep Batch: 118916		Date: 07/07/2012 06:30						
					LCS Source: WTcnIM2_00873						
9012A	LLCS 460-118916/2-A	Cyanide, Total	1.26		mg/Kg	1.25	101	90-110			
Batch ID: 119062	Date: 07/09/2012 13:26		Prep Batch: 119056		Date: 07/09/2012 09:30						
					LCS Source: WTcnIM2_00874						
9012A	LLCS 460-119056/2-A	Cyanide, Total	1.24		mg/Kg	1.25	99	90-110			
Batch ID: 119244	Date: 07/10/2012 13:43		Prep Batch: 119162		Date: 07/10/2012 06:30						
					LCS Source: WTcnIM2_00875						
9012A	LLCS 460-119162/2-A	Cyanide, Total	1.28		mg/Kg	1.25	102	90-110			
Batch ID: 119244	Date: 07/10/2012 14:13		Prep Batch: 119193		Date: 07/10/2012 10:00						
					LCS Source: WTcnIM2_00875						
9012A	LLCS 460-119193/2-A	Cyanide, Total	1.28		mg/Kg	1.25	102	90-110			

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

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118941	Date: 07/07/2012 16:30		Prep Batch: 118918		Date: 07/07/2012 06:30						
					LCS Source: WTcnIM1_00716						
9012A	HLCS 460-118918/3-A	Cyanide, Total	9.94		mg/Kg	10.0	99	90-110			
Batch ID: 118941	Date: 07/07/2012 16:41		Prep Batch: 118916		Date: 07/07/2012 06:30						
					LCS Source: WTcnIM1_00716						
9012A	HLCS 460-118916/3-A	Cyanide, Total	9.92		mg/Kg	10.0	99	90-110			
Batch ID: 119062	Date: 07/09/2012 13:30		Prep Batch: 119056		Date: 07/09/2012 09:30						
					LCS Source: WTcnIM1_00717						
9012A	HLCS 460-119056/3-A	Cyanide, Total	9.68		mg/Kg	10.0	97	90-110			
Batch ID: 119244	Date: 07/10/2012 13:44		Prep Batch: 119162		Date: 07/10/2012 06:30						
					LCS Source: WTcnIM1_00718						
9012A	HLCS 460-119162/3-A	Cyanide, Total	9.99		mg/Kg	10.0	100	90-110			
Batch ID: 119244	Date: 07/10/2012 14:14		Prep Batch: 119193		Date: 07/10/2012 10:00						
					LCS Source: WTcnIM1_00718						
9012A	HLCS 460-119193/3-A	Cyanide, Total	10.05		mg/Kg	10.0	100	90-110			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: Lachat2

Method: 9012A MDL Date: 11/22/2011 09:58

Prep Method: 9012A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Cyanide, Total		0.5	0.054

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: Lachat2

Method: 9012A XMDL Date: 11/22/2011 09:58

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.0014

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41730-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118916/1-A	07/07/2012 06:30	118916	1.0		50.0
LLCS 460-118916/2-A	07/07/2012 06:30	118916	1.0		50.0
HLCS 460-118916/3-A	07/07/2012 06:30	118916	1.0		50.0
460-41730-5 MS	07/07/2012 06:30	118916	1.0		50.0
460-41730-5 MSD	07/07/2012 06:30	118916	1.0		50.0
460-41730-5	07/07/2012 06:30	118916	1.0		50.0
460-41730-1	07/07/2012 06:30	118916	1.0		50.0
460-41730-2	07/07/2012 06:30	118916	1.0		50.0
460-41730-3	07/07/2012 06:30	118916	1.0		50.0
460-41730-4	07/07/2012 06:30	118916	1.0		50.0
460-41730-10	07/07/2012 06:30	118916	1.0		50.0
460-41730-11	07/07/2012 06:30	118916	1.0		50.0
460-41730-12	07/07/2012 06:30	118916	1.0		50.0
460-41730-13	07/07/2012 06:30	118916	1.0		50.0
460-41730-6	07/07/2012 06:30	118916	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118918/1-A	07/07/2012 06:30	118918	1.0		50.0
LLCS 460-118918/2-A	07/07/2012 06:30	118918	1.0		50.0
HLCS 460-118918/3-A	07/07/2012 06:30	118918	1.0		50.0
460-41709-E-5-E MS	07/07/2012 06:30	118918	1.0		50.0
460-41709-E-5-F MSD	07/07/2012 06:30	118918	1.0		50.0
460-41730-14	07/07/2012 06:30	118918	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-119056/1-A	07/09/2012 09:30	119056	1.0		50.0
LLCS 460-119056/2-A	07/09/2012 09:30	119056	1.0		50.0
HLCS 460-119056/3-A	07/09/2012 09:30	119056	1.0		50.0
460-41733-A-1-J MS	07/09/2012 09:30	119056	1.0		50.0
460-41733-A-1-K MSD	07/09/2012 09:30	119056	1.0		50.0
460-41730-9	07/09/2012 09:30	119056	1.0		50.0
460-41730-16	07/09/2012 09:30	119056	1.0		50.0
460-41730-7	07/09/2012 09:30	119056	1.0		50.0
460-41730-15	07/09/2012 09:30	119056	1.0		50.0
460-41730-8	07/09/2012 09:30	119056	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-119162/1-A	07/10/2012 06:30	119162	1.0		50.0
LLCS 460-119162/2-A	07/10/2012 06:30	119162	1.0		50.0
HLCS 460-119162/3-A	07/10/2012 06:30	119162	1.0		50.0
460-41730-17 MS	07/10/2012 06:30	119162	1.0		50.0
460-41730-17 MSD	07/10/2012 06:30	119162	1.0		50.0
460-41730-17	07/10/2012 06:30	119162	1.0		50.0
460-41730-18	07/10/2012 06:30	119162	1.0		50.0
460-41730-19	07/10/2012 06:30	119162	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-119193/1-A	07/10/2012 10:00	119193	1.0		50.0
LLCS 460-119193/2-A	07/10/2012 10:00	119193	1.0		50.0
HLCS 460-119193/3-A	07/10/2012 10:00	119193	1.0		50.0
460-41730-20 MS	07/10/2012 10:00	119193	1.0		50.0
460-41730-20 MSD	07/10/2012 10:00	119193	1.0		50.0
460-41730-20	07/10/2012 10:00	119193	1.0		50.0
460-41730-21	07/10/2012 10:00	119193	1.0		50.0
460-41730-22	07/10/2012 10:00	119193	1.0		50.0
460-41730-23	07/10/2012 10:00	119193	1.0		50.0

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/07/2012 15:44 End Date: 07/07/2012 17:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			15:44																				
ZZZZZZ			15:46																				
ZZZZZZ			15:47																				
ZZZZZZ			15:48																				
ZZZZZZ			15:49																				
ZZZZZZ			15:50																				
ZZZZZZ			15:51																				
ICV 460-118941/8	1		15:54	X																			
CCB 460-118941/9	1		15:55	X																			
CCV 460-118941/10	1		15:56	X																			
ZZZZZZ			15:57																				
ZZZZZZ			15:58																				
ZZZZZZ			15:59																				
ZZZZZZ			16:00																				
ZZZZZZ			16:02																				
ZZZZZZ			16:03																				
ZZZZZZ			16:04																				
CCV 460-118941/18			16:05																				
CCB 460-118941/19			16:06																				
ZZZZZZ			16:07																				
ZZZZZZ			16:08																				
ZZZZZZ			16:10																				
ZZZZZZ			16:11																				
ZZZZZZ			16:12																				
ZZZZZZ			16:13																				
ZZZZZZ			16:14																				
ZZZZZZ			16:15																				
ZZZZZZ			16:16																				
ZZZZZZ			16:17																				
CCV 460-118941/30	1		16:19	X																			
CCB 460-118941/31	1		16:20	X																			
ZZZZZZ			16:21																				
ZZZZZZ			16:22																				
ZZZZZZ			16:23																				
ZZZZZZ			16:24																				
ZZZZZZ			16:25																				
ZZZZZZ			16:27																				
MB 460-118918/1-A	1	T	16:28	X																			
LLCS 460-118918/2-A	1	T	16:29	X																			
HLCS 460-118918/3-A	1	T	16:30	X																			
460-41709-E-5-E MS	1	T	16:31	X																			
CCV 460-118941/42	1		16:32	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/07/2012 15:44 End Date: 07/07/2012 17:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
CCB 460-118941/43	1		16:33	X																			
460-41709-E-5-F MSD	1	T	16:35	X																			
ZZZZZZ			16:36																				
ZZZZZZ			16:37																				
460-41730-14	1	T	16:38	X																			
MB 460-118916/1-A	1	T	16:39	X																			
LLCS 460-118916/2-A	1	T	16:40	X																			
HLCS 460-118916/3-A	1	T	16:41	X																			
460-41730-5 MS	1	T	16:42	X																			
460-41730-5 MSD	1	T	16:44	X																			
460-41730-5	1	T	16:45	X																			
CCV 460-118941/54	1		16:46	X																			
CCB 460-118941/55	1		16:47	X																			
460-41730-1	1	T	16:48	X																			
460-41730-2	1	T	16:49	X																			
460-41730-3	1	T	16:50	X																			
460-41730-4	1	T	16:52	X																			
460-41730-10	1	T	16:53	X																			
460-41730-11	1	T	16:54	X																			
460-41730-12	1	T	16:55	X																			
460-41730-13	1	T	16:56	X																			
460-41730-6	1	T	16:57	X																			
CCV 460-118941/65	1		16:58	X																			
CCB 460-118941/66	1		17:00	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/09/2012 12:22 End Date: 07/09/2012 13:41

Lab Sample ID	D / F	Type	Time	Analytes																				
				CN																				
ZZZZZZ			12:22																					
ZZZZZZ			12:23																					
ZZZZZZ			12:25																					
ZZZZZZ			12:26																					
ZZZZZZ			12:27																					
ZZZZZZ			12:28																					
ZZZZZZ			12:29																					
ICV 460-119062/8	1		12:31	X																				
CCB 460-119062/9	1		12:33	X																				
CCV 460-119062/10	1		12:34	X																				
ZZZZZZ			12:35																					
ZZZZZZ			12:36																					
ZZZZZZ			12:37																					
ZZZZZZ			12:38																					
ZZZZZZ			12:39																					
ZZZZZZ			12:41																					
ZZZZZZ			12:42																					
CCV 460-119062/18			12:43																					
CCB 460-119062/19			12:44																					
ZZZZZZ			12:45																					
ZZZZZZ			12:46																					
ZZZZZZ			12:47																					
ZZZZZZ			12:48																					
ZZZZZZ			12:50																					
ZZZZZZ			12:51																					
ZZZZZZ			12:52																					
ZZZZZZ			12:53																					
ZZZZZZ			12:54																					
ZZZZZZ			12:55																					
CCV 460-119062/30			12:56																					
CCB 460-119062/31			12:58																					
ZZZZZZ			12:59																					
ZZZZZZ			13:00																					
ZZZZZZ			13:01																					
ZZZZZZ			13:02																					
ZZZZZZ			13:06																					
ZZZZZZ			13:07																					
ZZZZZZ			13:08																					
ZZZZZZ			13:09																					
ZZZZZZ			13:10																					
ZZZZZZ			13:11																					
CCV 460-119062/42	1		13:12	X																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/09/2012 12:22 End Date: 07/09/2012 13:41

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
CCB 460-119062/43	1		13:13	X																			
ZZZZZZ			13:15																				
ZZZZZZ			13:16																				
ZZZZZZ			13:17																				
ZZZZZZ			13:18																				
ZZZZZZ			13:19																				
ZZZZZZ			13:20																				
ZZZZZZ			13:23																				
ZZZZZZ			13:24																				
MB 460-119056/1-A	1	T	13:25	X																			
LLCS 460-119056/2-A	1	T	13:26	X																			
CCV 460-119062/54	1		13:28	X																			
CCB 460-119062/55	1		13:29	X																			
HLCS 460-119056/3-A	1	T	13:30	X																			
460-41733-A-1-J MS	1	T	13:31	X																			
460-41733-A-1-K MSD	1	T	13:32	X																			
ZZZZZZ			13:33																				
460-41730-9	1	T	13:34	X																			
460-41730-16	1	T	13:36	X																			
460-41730-7	1	T	13:37	X																			
460-41730-15	1	T	13:38	X																			
460-41730-8	1	T	13:39	X																			
CCV 460-119062/65	1		13:40	X																			
CCB 460-119062/66	1		13:41	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/10/2012 13:14 End Date: 07/10/2012 14:35

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			13:14																				
ZZZZZZ			13:15																				
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:19																				
ZZZZZZ			13:20																				
ZZZZZZ			13:21																				
ICV 460-119244/8	1		13:23	X																			
CCB 460-119244/9	1		13:25	X																			
CCV 460-119244/10	1		13:26	X																			
ZZZZZZ			13:27																				
ZZZZZZ			13:28																				
ZZZZZZ			13:29																				
ZZZZZZ			13:30																				
ZZZZZZ			13:31																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
CCV 460-119244/18	1		13:35	X																			
CCB 460-119244/19	1		13:36	X																			
ZZZZZZ			13:37																				
ZZZZZZ			13:38																				
ZZZZZZ			13:39																				
ZZZZZZ			13:40																				
MB 460-119162/1-A	1	T	13:41	X																			
LLCS 460-119162/2-A	1	T	13:43	X																			
HLCS 460-119162/3-A	1	T	13:44	X																			
460-41730-17 MS	1	T	13:45	X																			
460-41730-17 MSD	1	T	13:46	X																			
460-41730-17	1	T	13:47	X																			
CCV 460-119244/30	1		13:48	X																			
CCB 460-119244/31	1		13:50	X																			
460-41730-18	1	T	13:51	X																			
460-41730-19	1	T	13:52	X																			
ZZZZZZ			13:53																				
ZZZZZZ			13:54																				
ZZZZZZ			13:55																				
ZZZZZZ			13:56																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:00																				
ZZZZZZ			14:01																				
CCV 460-119244/42	1		14:02	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 07/10/2012 13:14 End Date: 07/10/2012 14:35

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
CCB 460-119244/43	1		14:03	X																			
ZZZZZZ			14:04																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:08																				
ZZZZZZ			14:09																				
ZZZZZZ			14:10																				
ZZZZZZ			14:11																				
MB 460-119193/1-A	1	T	14:12	X																			
LLCS 460-119193/2-A	1	T	14:13	X																			
HLCS 460-119193/3-A	1	T	14:14	X																			
CCV 460-119244/54	1		14:16	X																			
CCB 460-119244/55	1		14:17	X																			
460-41730-20 MS	1	T	14:18	X																			
460-41730-20 MSD	1	T	14:19	X																			
460-41730-20	1	T	14:20	X																			
460-41730-21	1	T	14:21	X																			
460-41730-22	1	T	14:22	X																			
460-41730-23	1	T	14:24	X																			
ZZZZZZ			14:25																				
ZZZZZZ			14:26																				
ZZZZZZ			14:27																				
ZZZZZZ			14:28																				
CCV 460-119244/66	1		14:29	X																			
CCB 460-119244/67	1		14:30	X																			
ZZZZZZ			14:32																				
ZZZZZZ			14:33																				
CCV 460-119244/70			14:34																				
CCB 460-119244/71			14:35																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/29/2012 13:36 End Date: 06/29/2012 13:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-41730-15	1	T	13:36	X	X																		
460-41730-16	1	T	13:36	X	X																		
460-41730-17	1	T	13:36	X	X																		
460-41730-17 MS	1	T	13:36	X	X																		
460-41730-17 MSD	1	T	13:36	X	X																		
460-41730-18	1	T	13:36	X	X																		
460-41730-20	1	T	13:36	X	X																		
460-41730-21	1	T	13:36	X	X																		
460-41730-22	1	T	13:36	X	X																		
460-41730-23	1	T	13:36	X	X																		
460-41730-5	1	T	13:36	X	X																		
460-41730-5MS	1	T	13:36	X	X																		
460-41730-5MSD	1	T	13:36	X	X																		
460-41730-7	1	T	13:36	X	X																		
460-41730-8	1	T	13:36	X	X																		
460-41730-14	1	T	13:36	X	X																		
460-41730-9	1	T	13:36	X	X																		
460-41730-10	1	T	13:36	X	X																		
460-41730-11	1	T	13:36	X	X																		
460-41730-12	1	T	13:36	X	X																		
460-41730-12 DU	1	T	13:36	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/29/2012 15:55 End Date: 06/29/2012 15:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-41730-2	1	T	15:55	X	X																		
460-41730-3	1	T	15:55	X	X																		
460-41730-4	1	T	15:55	X	X																		
460-41730-6	1	T	15:55	X	X																		
460-41730-13	1	T	15:55	X	X																		
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
460-41789-A-13 DU	1	T	15:55	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/30/2012 11:24 End Date: 06/30/2012 11:24

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
460-41730-1	1	T	11:24	X	X																			
460-41730-19	1	T	11:24	X	X																			
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
ZZZZZZ			11:24																					
460-41843-A-1 DU	1	T	11:24	X	X																			

Prep Types

T = Total/NA

OPERATOR: huan
ACQ. TIME: Jul 7, 2012 15:44:57
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120707.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jul 7, 2012 16:23:43
cyanide
DATA DESCRIPTION:
Created: Jul 7, 2012 15:44:57
Modified: Jul 7, 2012 15:44:57

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jul 5, 2012 16:46:31
cyanide

ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: mg/l
Chemistry: Direct
Inject to Peak Start (s): 24.0
Peak Base Width (s): 33.472
% Width Tolerance: 100.000
Threshold: 25000.000
Autodilution Trigger: Off
QuikChem Method: 10-204-00-1-a

CALIBRATION DATA:
Levels:
1 : 0.000 2 : 0.010 3 : 0.025 4 : 0.050
5 : 0.100 6 : 0.200 7 : 0.400
Calibration Rep Handling: Average
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

SAMPLER TIMING:
Method Cycle Period: 70.0
Min. Probe in Wash Period: 14.0
Probe in Sample Period: 20.0

*** Prep Sequence Not Enabled ***

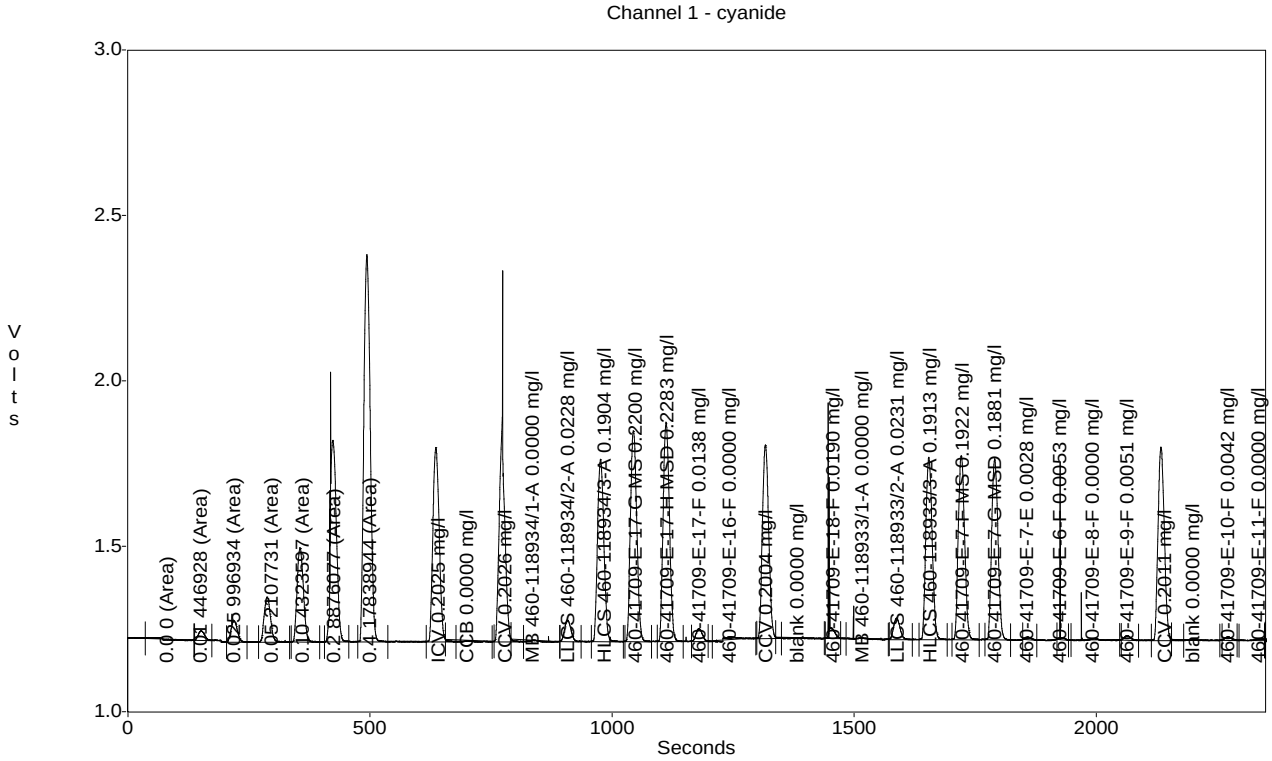
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

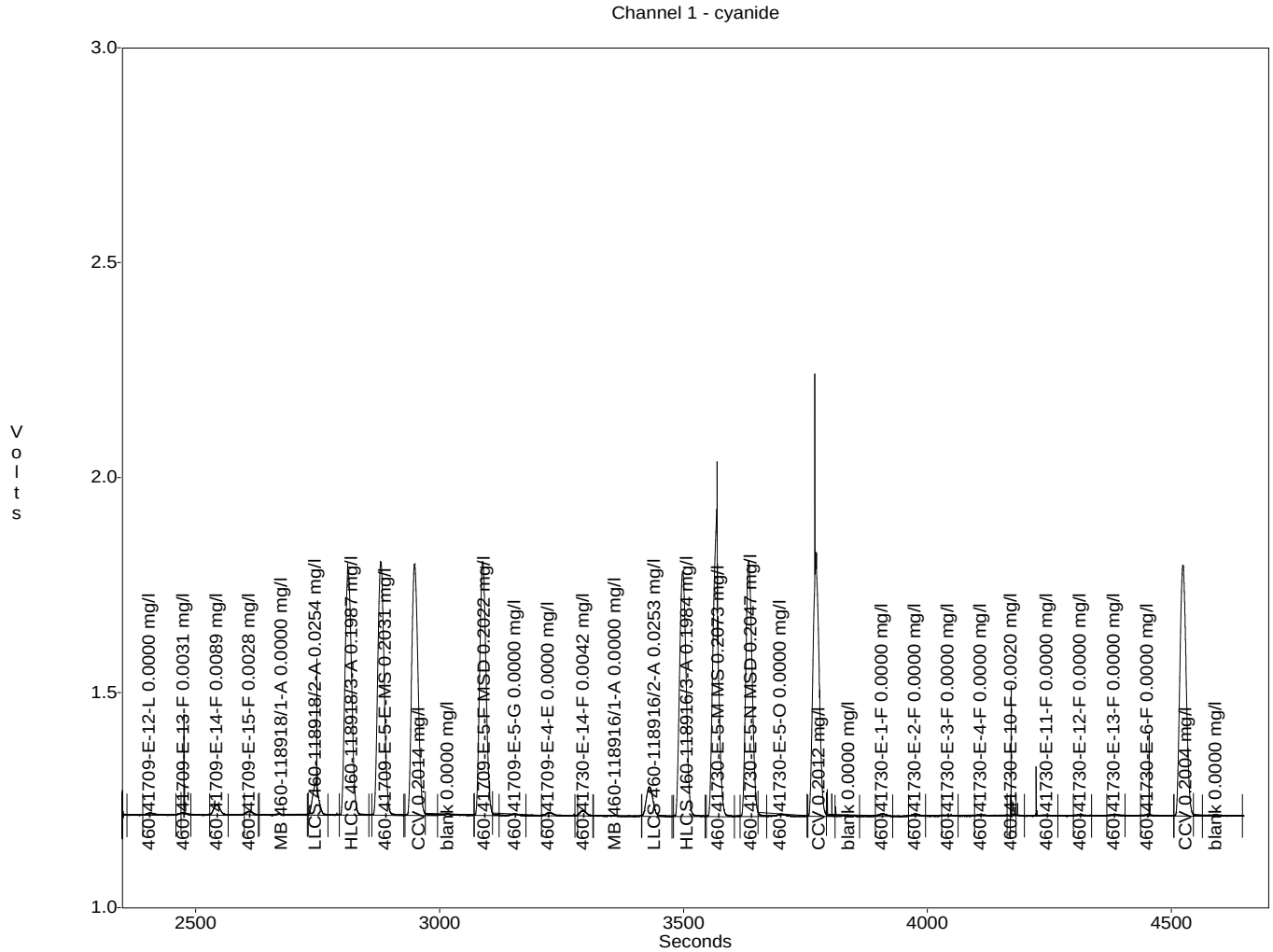
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	07 Jul 2012	15:44:58	1	0.00	1.0	1.00	1.00000	g
2	0.01	07 Jul 2012	15:46:05	1	446928.00	1.0	1.00	1.00000	g
3	0.025	07 Jul 2012	15:47:12	1	996934.00	1.0	1.00	1.00000	g
4	0.05	07 Jul 2012	15:48:20	1	2107731.00	1.0	1.00	1.00000	g
5	0.10	07 Jul 2012	15:49:29	1	4323597.00	1.0	1.00	1.00000	g
6	0.2	07 Jul 2012	15:50:37	1	8876077.00	1.0	1.00	1.00000	g
7	0.4	07 Jul 2012	15:51:47	1	17838944.00	1.0	1.00	1.00000	g

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV	07 Jul 2012	15:54:09	1	0.2025	1.0	1.00	1.00000	g
2	CCB	07 Jul 2012	15:55:18	1	0.0000	1.0	1.00	1.00000	g
3	CCV	07 Jul 2012	15:56:26	1	0.2026	1.0	1.00	1.00000	g
4	MB 460-118934/1-A	07 Jul 2012	15:57:34	1	0.0000	1.0	1.00	1.00000	g
5	LLCS 460-118934/2-A	07 Jul 2012	15:58:41	1	0.0228	1.0	1.00	1.00000	g
6	HLCS 460-118934/3-A	07 Jul 2012	15:59:49	1	0.1904	1.0	1.00	1.00000	g
7	460-41709-E-17-G MS	07 Jul 2012	16:00:57	1	0.2200	1.0	1.00	1.00000	g
8	460-41709-E-17-H MSD	07 Jul 2012	16:02:05	1	0.2283	1.0	1.00	1.00000	g
9	460-41709-E-17-F	07 Jul 2012	16:03:13	1	0.0138	1.0	1.00	1.00000	g
10	460-41709-E-16-F	07 Jul 2012	16:04:21	1	0.0000	1.0	1.00	1.00000	g
11	460-41709-E-18-F	07 Jul 2012	16:07:47	1	0.0190	1.0	1.00	1.00000	g
12	MB 460-118933/1-A	07 Jul 2012	16:08:54	1	0.0000	1.0	1.00	1.00000	g
13	LLCS 460-118933/2-A	07 Jul 2012	16:10:01	1	0.0231	1.0	1.00	1.00000	g
14	HLCS 460-118933/3-A	07 Jul 2012	16:11:08	1	0.1913	1.0	1.00	1.00000	g
15	460-41709-E-7-F MS	07 Jul 2012	16:12:14	1	0.1922	1.0	1.00	1.00000	g
16	460-41709-E-7-G MSD	07 Jul 2012	16:13:23	1	0.1881	1.0	1.00	1.00000	g
17	460-41709-E-7-E	07 Jul 2012	16:14:32	1	0.0028	1.0	1.00	1.00000	g
18	460-41709-E-6-F	07 Jul 2012	16:15:41	1	0.0053	1.0	1.00	1.00000	g
19	460-41709-E-8-F	07 Jul 2012	16:16:50	1	0.0000	1.0	1.00	1.00000	g
20	460-41709-E-9-F	07 Jul 2012	16:17:58	1	0.0051	1.0	1.00	1.00000	g
21	460-41709-E-10-F	07 Jul 2012	16:21:25	1	0.0042	1.0	1.00	1.00000	g
22	460-41709-E-11-F	07 Jul 2012	16:22:33	1	0.0000	1.0	1.00	1.00000	g
23	460-41709-E-12-L	07 Jul 2012	16:23:41	1	0.0000	1.0	1.00	1.00000	g
24	460-41709-E-13-F	07 Jul 2012	16:24:49	1	0.0031	1.0	1.00	1.00000	g
25	460-41709-E-14-F	07 Jul 2012	16:25:56	1	0.0089	1.0	1.00	1.00000	g
26	460-41709-E-15-F	07 Jul 2012	16:27:04	1	0.0028	1.0	1.00	1.00000	g
27	MB 460-118918/1-A	07 Jul 2012	16:28:12	1	0.0000	1.0	1.00	1.00000	g
28	LLCS 460-118918/2-A	07 Jul 2012	16:29:19	1	0.0254	1.0	1.00	1.00000	g
29	HLCS 460-118918/3-A	07 Jul 2012	16:30:26	1	0.1987	1.0	1.00	1.00000	g
30	460-41709-E-5-E-MS	07 Jul 2012	16:31:32	1	0.2031	1.0	1.00	1.00000	g
31	460-41709-E-5-F MSD	07 Jul 2012	16:35:01	1	0.2022	1.0	1.00	1.00000	g
32	460-41709-E-5-G	07 Jul 2012	16:36:10	1	0.0000	1.0	1.00	1.00000	g
33	460-41709-E-4-E	07 Jul 2012	16:37:19	1	0.0000	1.0	1.00	1.00000	g
34	460-41730-E-14-F	07 Jul 2012	16:38:28	1	0.0042	1.0	1.00	1.00000	g
35	MB 460-118916/1-A	07 Jul 2012	16:39:36	1	0.0000	1.0	1.00	1.00000	g
36	LLCS 460-118916/2-A	07 Jul 2012	16:40:44	1	0.0253	1.0	1.00	1.00000	g
37	HLCS 460-118916/3-A	07 Jul 2012	16:41:52	1	0.1984	1.0	1.00	1.00000	g
38	460-41730-E-5-M MS	07 Jul 2012	16:42:59	1	0.2073	1.0	1.00	1.00000	g
39	460-41730-E-5-N MSD	07 Jul 2012	16:44:07	1	0.2047	1.0	1.00	1.00000	g
40	460-41730-E-5-O	07 Jul 2012	16:45:15	1	0.0000	1.0	1.00	1.00000	g
41	460-41730-E-1-F	07 Jul 2012	16:48:43	1	0.0000	1.0	1.00	1.00000	g
42	460-41730-E-2-F	07 Jul 2012	16:49:51	1	0.0000	1.0	1.00	1.00000	g
43	460-41730-E-3-F	07 Jul 2012	16:50:58	1	0.0000	1.0	1.00	1.00000	g
44	460-41730-E-4-F	07 Jul 2012	16:52:05	1	0.0000	1.0	1.00	1.00000	g
45	460-41730-E-10-F	07 Jul 2012	16:53:12	1	0.0020	1.0	1.00	1.00000	g
46	460-41730-E-11-F	07 Jul 2012	16:54:21	1	0.0000	1.0	1.00	1.00000	g
47	460-41730-E-12-F	07 Jul 2012	16:55:30	1	0.0000	1.0	1.00	1.00000	g
48	460-41730-E-13-F	07 Jul 2012	16:56:39	1	0.0000	1.0	1.00	1.00000	g
49	460-41730-E-6-F	07 Jul 2012	16:57:47	1	0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
Seconds
3.0
2.5
2.0
1.5
1.0
0
500
1000
1500
2000
0.0 0 (Area)
0.08 446928 (Area)
0.025 996934 (Area)
0.05 2107731 (Area)
0.10 4323597 (Area)
0.2 8876077 (Area)
0.4 17838944 (Area)
ICV 0.2025 mg/l
CCB 0.0000 mg/l
CCV 0.2026 mg/l
MB 460-118934/1-A 0.0000 mg/l
LLCS 460-118934/2-A 0.0228 mg/l
HLCS 460-118934/3-A 0.1904 mg/l
460-41709-E-17-C MS 0.2200 mg/l
460-41709-E-17-H MSD 0.2283 mg/l
460-41709-E-17-F 0.0138 mg/l
460-41709-E-16-F 0.0000 mg/l
CCV 0.2004 mg/l
blank 0.0000 mg/l
460-41709-E-18-F 0.0190 mg/l
MB 460-118933/1-A 0.0000 mg/l
LLCS 460-118933/2-A 0.0231 mg/l
HLCS 460-118933/3-A 0.1913 mg/l
460-41709-E-7-F MS 0.1922 mg/l
460-41709-E-7-G MSD 0.1881 mg/l
460-41709-E-7-E 0.0028 mg/l
460-41709-E-6-F 0.0053 mg/l
460-41709-E-8-F 0.0000 mg/l
460-41709-E-9-F 0.0051 mg/l
CCV 0.2011 mg/l
blank 0.0000 mg/l
460-41709-E-10-F 0.0042 mg/l
460-41709-E-11-F 0.0000 mg/l


Channel 1 - cyanide
Volts
Seconds
3.0
2.5
2.0
1.5
1.0
2500
3000
3500
4000
4500
460-41709-E-12-L 0.0000 mg/l
460-41709-E-13-F 0.0031 mg/l
460-41709-E-14-F 0.0089 mg/l
460-41709-E-15-F 0.0028 mg/l
MB 460-118918/1-A 0.0000 mg/l
LLCS 460-118918/2-A 0.0254 mg/l
HLCS 460-118918/3-A 0.1987 mg/l
460-41709-E-5-E MS 0.2031 mg/l
CCV 0.2014 mg/l
blank 0.0000 mg/l
460-41709-E-5-F MSD 0.2022 mg/l
460-41709-E-5-G 0.0000 mg/l
460-41709-E-4-E 0.0000 mg/l
460-41730-E-14-F 0.0042 mg/l
MB 460-118916/1-A 0.0000 mg/l
LLCS 460-118916/2-A 0.0253 mg/l
HLCS 460-118916/3-A 0.1984 mg/l
460-41730-E-5-M MS 0.2073 mg/l
460-41730-E-5-N MSD 0.2047 mg/l
460-41730-E-5-O 0.0000 mg/l
CCV 0.2012 mg/l
blank 0.0000 mg/l
460-41730-E-1-F 0.0000 mg/l
460-41730-E-2-F 0.0000 mg/l
460-41730-E-3-F 0.0000 mg/l
460-41730-E-4-F 0.0000 mg/l
460-41730-E-10-F 0.0020 mg/l
460-41730-E-11-F 0.0000 mg/l
460-41730-E-12-F 0.0000 mg/l
460-41730-E-13-F 0.0000 mg/l
460-41730-E-6-F 0.0000 mg/l
CCV 0.2004 mg/l
blank 0.0000 mg/l

Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

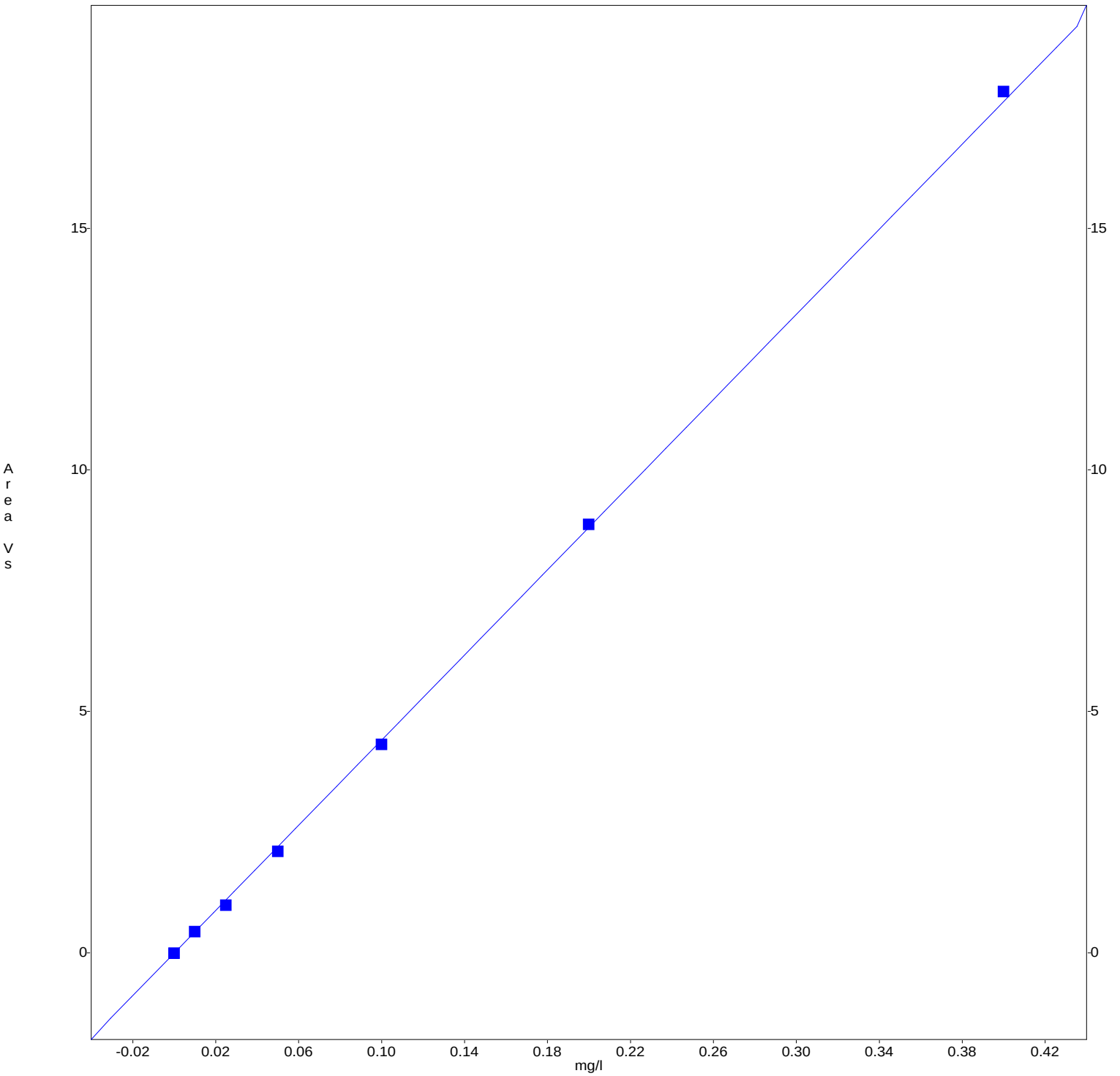
Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	07 Jul 2012	16:05:30	1	0.2004	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.1963				
15	CCV	RelChkStd	07 Jul 2012	16:19:07	1	0.2011	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.5482				
15	CCV	RelChkStd	07 Jul 2012	16:32:42	1	0.2014	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.6886				
15	CCV	RelChkStd	07 Jul 2012	16:46:25	1	0.2012	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.6243				
15	CCV	RelChkStd	07 Jul 2012	16:58:57	1	0.2004	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.1798				
16	blank	Blank	07 Jul 2012	16:06:40	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	07 Jul 2012	16:20:17	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	07 Jul 2012	16:33:52	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	07 Jul 2012	16:47:35	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	07 Jul 2012	17:00:08	1	0.0000	1.0	1.00	1.00000	g

cyanide

Lvl	Area	mg/l	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	0	0.000	0					0.0	0.0	
2	446928	0.010	446928					0.0	0.0	-1.4
3	996934	0.025	996934					0.0	0.0	9.5
4	2107731	0.050	2107731					0.0	0.0	4.3
5	4323597	0.100	4323597					0.0	0.0	1.9
6	8876077	0.200	8876077					0.0	0.0	-0.7
7	17838944	0.400	17838944					0.0	0.0	-1.2

1st Order Poly
Conc = 2.269e-008 Area + 3.093e-009
r = 0.9998

Scaling: None - Weighting: 1/X



OPERATOR: huan
ACQ. TIME: Jul 9, 2012 12:22:44
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120709.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jul 9, 2012 13:26:29
cyanide
DATA DESCRIPTION:
Created: Jul 9, 2012 12:22:44
Modified: Jul 9, 2012 12:22:44

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jul 5, 2012 16:46:31
cyanide

ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: mg/l
Chemistry: Direct
Inject to Peak Start (s): 24.0
Peak Base Width (s): 33.472
% Width Tolerance: 100.000
Threshold: 25000.000
Autodilution Trigger: Off
QuikChem Method: 10-204-00-1-a

CALIBRATION DATA:
Levels:
1 : 0.000 2 : 0.010 3 : 0.025 4 : 0.050
5 : 0.100 6 : 0.200 7 : 0.400
Calibration Rep Handling: Average
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

SAMPLER TIMING:
Method Cycle Period: 70.0
Min. Probe in Wash Period: 14.0
Probe in Sample Period: 20.0

*** Prep Sequence Not Enabled ***

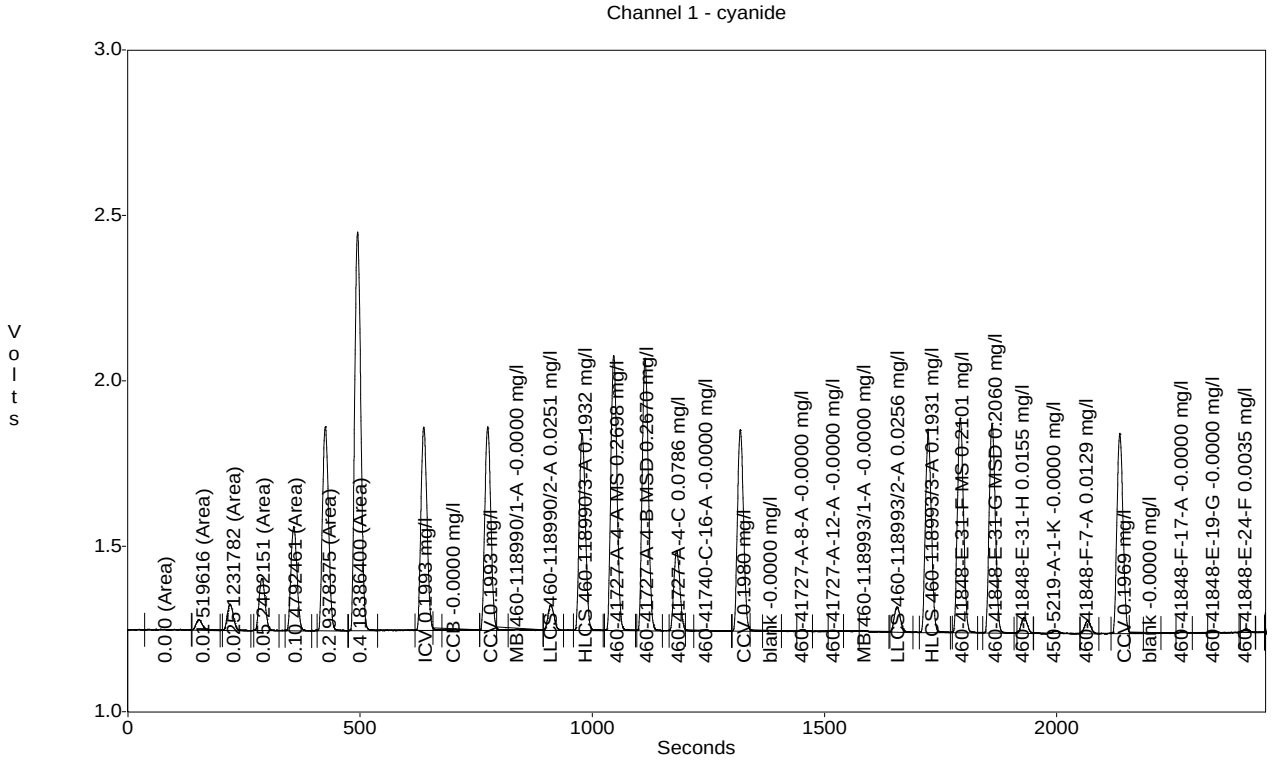
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

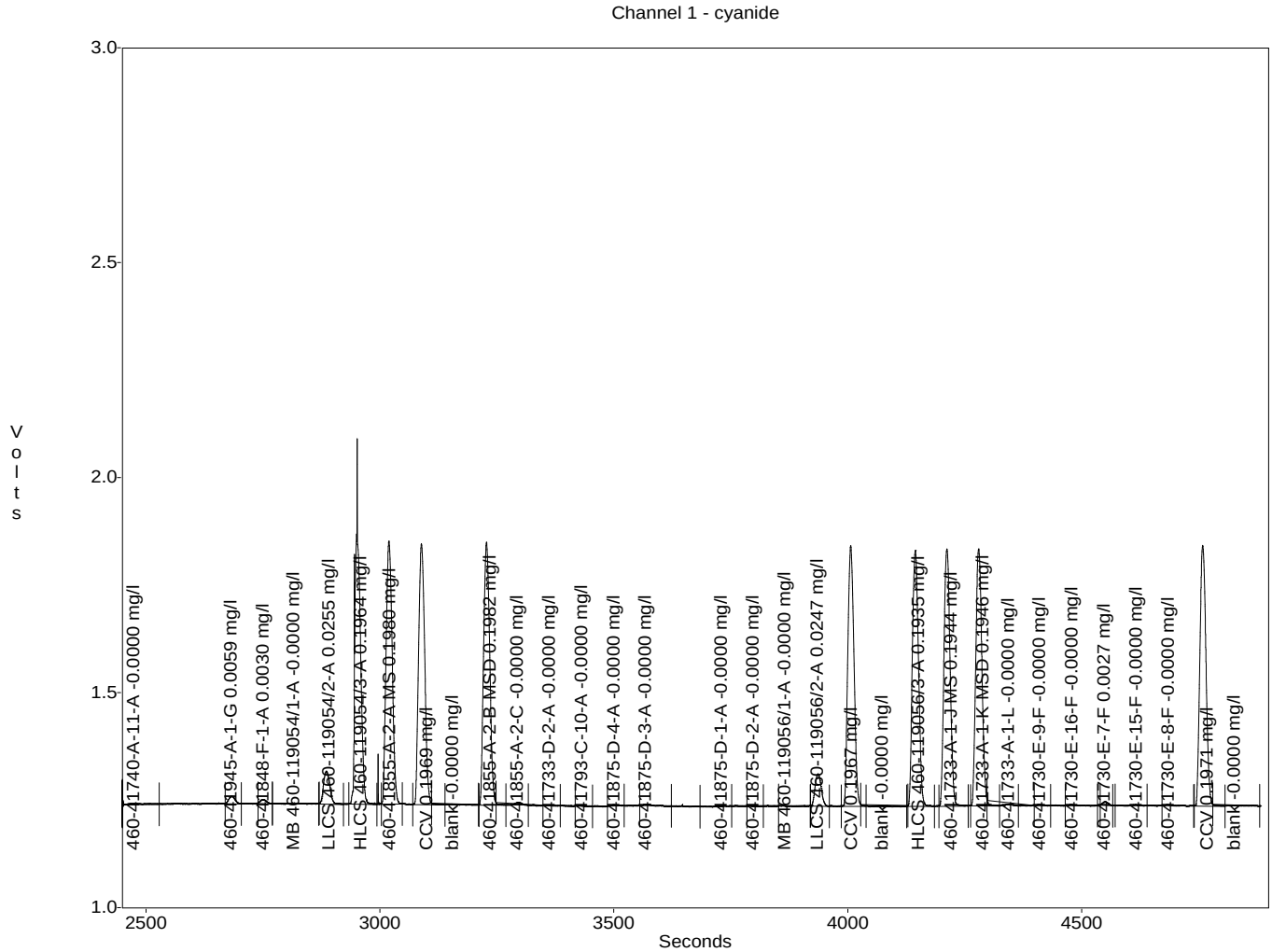
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	09 Jul 2012	12:22:45	1	0.00	1.0	1.00	1.00000	g
2	0.01	09 Jul 2012	12:23:53	1	519616.00	1.0	1.00	1.00000	g
3	0.025	09 Jul 2012	12:25:00	1	1231782.00	1.0	1.00	1.00000	g
4	0.05	09 Jul 2012	12:26:09	1	2402151.00	1.0	1.00	1.00000	g
5	0.10	09 Jul 2012	12:27:17	1	4792461.00	1.0	1.00	1.00000	g
6	0.2	09 Jul 2012	12:28:25	1	9378375.00	1.0	1.00	1.00000	g
7	0.4	09 Jul 2012	12:29:35	1	18386400.00	1.0	1.00	1.00000	g

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV	09 Jul 2012	12:31:57	1	0.1993	1.0	1.00	1.00000	g
2	CCB	09 Jul 2012	12:33:06	1	-0.0000	1.0	1.00	1.00000	g
3	CCV	09 Jul 2012	12:34:15	1	0.1993	1.0	1.00	1.00000	g
4	MB 460-118990/1-A	09 Jul 2012	12:35:23	1	-0.0000	1.0	1.00	1.00000	g
5	LLCS 460-118990/2-A	09 Jul 2012	12:36:31	1	0.0251	1.0	1.00	1.00000	g
6	HLCS 460-118990/3-A	09 Jul 2012	12:37:38	1	0.1932	1.0	1.00	1.00000	g
7	460-41727-A-4-A MS	09 Jul 2012	12:38:46	1	0.2698	1.0	1.00	1.00000	g
8	460-41727-A-4-B MSD	09 Jul 2012	12:39:54	1	0.2670	1.0	1.00	1.00000	g
9	460-41727-A-4-C	09 Jul 2012	12:41:02	1	0.0786	1.0	1.00	1.00000	g
10	460-41740-C-16-A	09 Jul 2012	12:42:10	1	-0.0000	1.0	1.00	1.00000	g
11	460-41727-A-8-A	09 Jul 2012	12:45:36	1	-0.0000	1.0	1.00	1.00000	g
12	460-41727-A-12-A	09 Jul 2012	12:46:43	1	-0.0000	1.0	1.00	1.00000	g
13	MB 460-118993/1-A	09 Jul 2012	12:47:50	1	-0.0000	1.0	1.00	1.00000	g
14	LLCS 460-118993/2-A	09 Jul 2012	12:48:57	1	0.0256	1.0	1.00	1.00000	g
15	HLCS 460-118993/3-A	09 Jul 2012	12:50:03	1	0.1931	1.0	1.00	1.00000	g
16	460-41848-E-31-F MS	09 Jul 2012	12:51:12	1	0.2101	1.0	1.00	1.00000	g
17	460-41848-E-31-G MSD	09 Jul 2012	12:52:21	1	0.2060	1.0	1.00	1.00000	g
18	460-41848-E-31-H	09 Jul 2012	12:53:30	1	0.0155	1.0	1.00	1.00000	g
19	450-5219-A-1-K	09 Jul 2012	12:54:39	1	-0.0000	1.0	1.00	1.00000	g
20	460-41848-F-7-A	09 Jul 2012	12:55:47	1	0.0129	1.0	1.00	1.00000	g
21	460-41848-F-17-A	09 Jul 2012	12:59:14	1	-0.0000	1.0	1.00	1.00000	g
22	460-41848-E-19-G	09 Jul 2012	13:00:21	1	-0.0000	1.0	1.00	1.00000	g
23	460-41848-E-24-F	09 Jul 2012	13:01:29	1	0.0035	1.0	1.00	1.00000	g
24	460-41740-A-11-A	09 Jul 2012	13:02:37	1	-0.0000	1.0	1.00	1.00000	g
25	460-41945-A-1-G	09 Jul 2012	13:06:04	1	0.0059	1.0	1.00	1.00000	g
26	460-41848-F-1-A	09 Jul 2012	13:07:11	1	0.0030	1.0	1.00	1.00000	g
27	MB 460-119054/1-A	09 Jul 2012	13:08:19	1	-0.0000	1.0	1.00	1.00000	g
28	LLCS 460-119054/2-A	09 Jul 2012	13:09:26	1	0.0255	1.0	1.00	1.00000	g
29	HLCS 460-119054/3-A	09 Jul 2012	13:10:33	1	0.1964	1.0	1.00	1.00000	g
30	460-41855-A-2-A MS	09 Jul 2012	13:11:39	1	0.1980	1.0	1.00	1.00000	g
31	460-41855-A-2-B MSD	09 Jul 2012	13:15:08	1	0.1982	1.0	1.00	1.00000	g
32	460-41855-A-2-C	09 Jul 2012	13:16:17	1	-0.0000	1.0	1.00	1.00000	g
33	460-41733-D-2-A	09 Jul 2012	13:17:26	1	-0.0000	1.0	1.00	1.00000	g
34	460-41793-C-10-A	09 Jul 2012	13:18:35	1	-0.0000	1.0	1.00	1.00000	g
35	460-41875-D-4-A	09 Jul 2012	13:19:44	1	-0.0000	1.0	1.00	1.00000	g
36	460-41875-D-3-A	09 Jul 2012	13:20:52	1	-0.0000	1.0	1.00	1.00000	g
37	460-41875-D-1-A	09 Jul 2012	13:23:33	1	-0.0000	1.0	1.00	1.00000	g
38	460-41875-D-2-A	09 Jul 2012	13:24:41	1	-0.0000	1.0	1.00	1.00000	g
39	MB 460-119056/1-A	09 Jul 2012	13:25:49	1	-0.0000	1.0	1.00	1.00000	g
40	LLCS 460-119056/2-A	09 Jul 2012	13:26:57	1	0.0247	1.0	1.00	1.00000	g
41	HLCS 460-119056/3-A	09 Jul 2012	13:30:25	1	0.1935	1.0	1.00	1.00000	g
42	460-41733-A-1-J MS	09 Jul 2012	13:31:32	1	0.1944	1.0	1.00	1.00000	g
43	460-41733-A-1-K MSD	09 Jul 2012	13:32:40	1	0.1946	1.0	1.00	1.00000	g
44	460-41733-A-1-L	09 Jul 2012	13:33:47	1	-0.0000	1.0	1.00	1.00000	g
45	460-41730-E-9-F	09 Jul 2012	13:34:54	1	-0.0000	1.0	1.00	1.00000	g
46	460-41730-E-16-F	09 Jul 2012	13:36:03	1	-0.0000	1.0	1.00	1.00000	g
47	460-41730-E-7-F	09 Jul 2012	13:37:12	1	0.0027	1.0	1.00	1.00000	g
48	460-41730-E-15-F	09 Jul 2012	13:38:20	1	-0.0000	1.0	1.00	1.00000	g
49	460-41730-E-8-F	09 Jul 2012	13:39:29	1	-0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
Seconds
0.0 0 (Area)
0.01 519616 (Area)
0.025 1231782 (Area)
0.05 2402151 (Area)
0.1 4792461 (Area)
0.2 9378375 (Area)
0.4 18386400 (Area)
ICV 0.1993 mg/l
CCB -0.0000 mg/l
CCV 0.1993 mg/l
MB 460-118990/1-A -0.0000 mg/l
LCS 460-118990/2-A 0.0251 mg/l
HLCS 460-118990/3-A 0.1932 mg/l
460-41727-A-4-A MS 0.2698 mg/l
460-41727-A-4-B MSD 0.2670 mg/l
460-41727-A-4-C 0.0786 mg/l
460-41740-C-16-A -0.0000 mg/l
CCV 0.1980 mg/l
blank -0.0000 mg/l
460-41727-A-8-A -0.0000 mg/l
460-41727-A-12-A -0.0000 mg/l
MB 460-118993/1-A -0.0000 mg/l
LCS 460-118993/2-A 0.0256 mg/l
HLCS 460-118993/3-A 0.1931 mg/l
460-41848-E-31-F MS 0.2101 mg/l
460-41848-E-31-G MSD 0.2060 mg/l
460-41848-E-31-H 0.0155 mg/l
450-5219-A-1-K -0.0000 mg/l
460-41848-F-7-A 0.0129 mg/l
CCV 0.1969 mg/l
blank -0.0000 mg/l
460-41848-F-17-A -0.0000 mg/l
460-41848-E-19-G -0.0000 mg/l
460-41848-E-24-F 0.0035 mg/l


Channel 1 - cyanide
Volts
Seconds
460-41740-A-11-A -0.0000 mg/l
460-41945-A-1-G 0.0059 mg/l
460-41848-F-1-A 0.0030 mg/l
MB 460-119054/1-A -0.0000 mg/l
LCS 460-119054/2-A 0.0255 mg/l
HLCS 460-119054/3-A 0.1964 mg/l
460-41855-A-2-A MS 0.1980 mg/l
CCV 0.1969 mg/l
blank -0.0000 mg/l
460-41855-A-2-B MSD 0.1982 mg/l
460-41855-A-2-C -0.0000 mg/l
460-41733-D-2-A -0.0000 mg/l
460-41793-C-10-A -0.0000 mg/l
460-41875-D-4-A -0.0000 mg/l
460-41875-D-3-A -0.0000 mg/l
460-41875-D-1-A -0.0000 mg/l
460-41875-D-2-A -0.0000 mg/l
MB 460-119056/1-A -0.0000 mg/l
LCS 460-119056/2-A 0.0247 mg/l
CCV 0.1967 mg/l
blank -0.0000 mg/l
HLCS 460-119056/3-A 0.1935 mg/l
460-41733-A-1-J MS 0.1944 mg/l
460-41733-A-1-K MSD 0.1946 mg/l
460-41733-A-1-L -0.0000 mg/l
460-41730-E-9-F -0.0000 mg/l
460-41730-E-16-F -0.0000 mg/l
460-41730-E-7-F 0.0027 mg/l
460-41730-E-15-F -0.0000 mg/l
460-41730-E-8-F -0.0000 mg/l
CCV 0.1971 mg/l
blank -0.0000 mg/l

Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

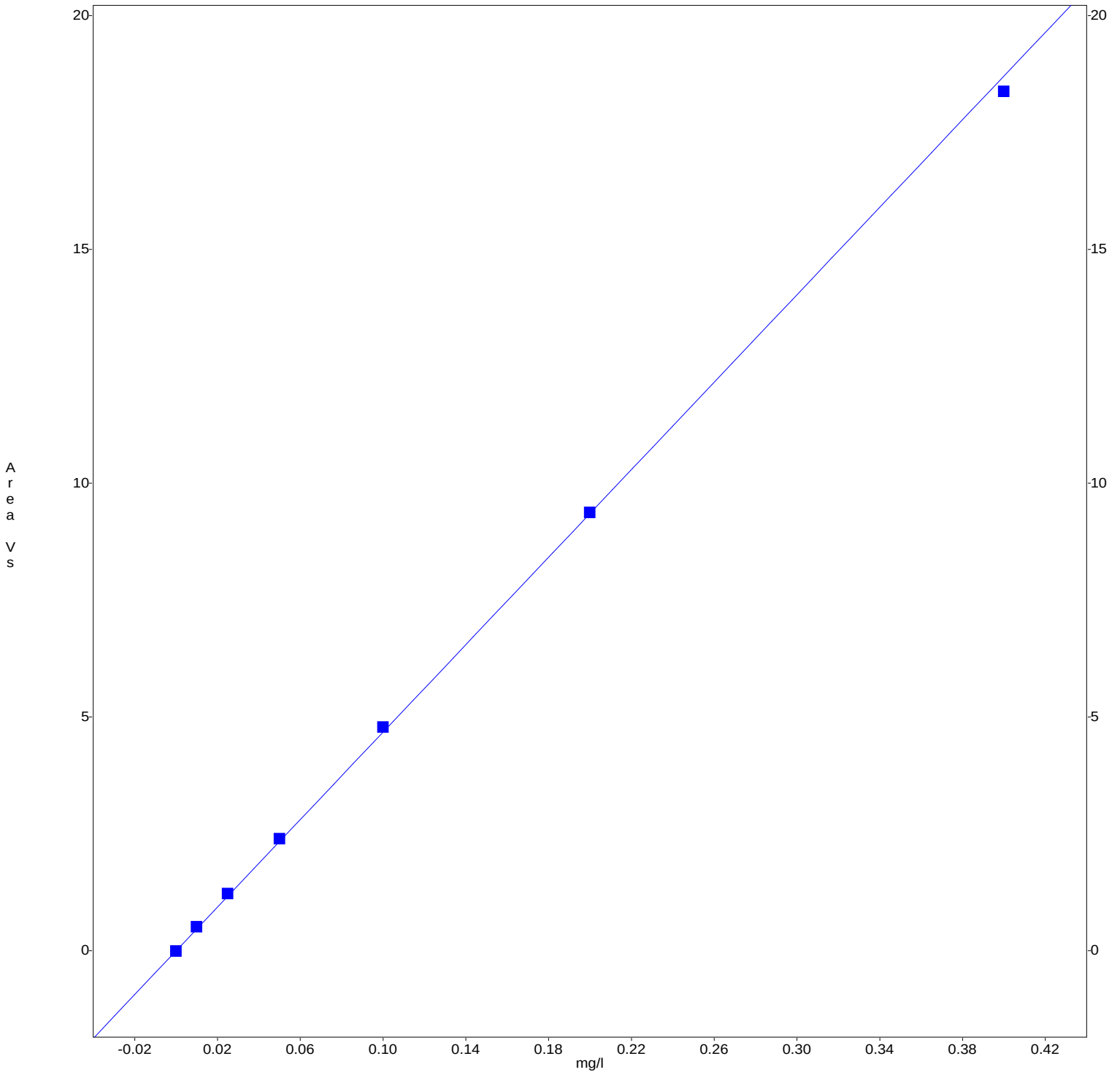
Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	09 Jul 2012	12:43:19	1	0.1980	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.9893				
15	CCV	RelChkStd	09 Jul 2012	12:56:56	1	0.1969	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.5472				
15	CCV	RelChkStd	09 Jul 2012	13:12:49	1	0.1969	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.5708				
15	CCV	RelChkStd	09 Jul 2012	13:28:07	1	0.1967	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.6643				
15	CCV	RelChkStd	09 Jul 2012	13:40:39	1	0.1971	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.4381				
16	blank	Blank	09 Jul 2012	12:44:29	1	-0.0000	1.0	1.00	1.00000	g
16	blank	Blank	09 Jul 2012	12:58:05	1	-0.0000	1.0	1.00	1.00000	g
16	blank	Blank	09 Jul 2012	13:13:59	1	-0.0000	1.0	1.00	1.00000	g
16	blank	Blank	09 Jul 2012	13:29:17	1	-0.0000	1.0	1.00	1.00000	g
16	blank	Blank	09 Jul 2012	13:41:50	1	-0.0000	1.0	1.00	1.00000	g

cyanide

Lvl	Area	mg/l	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	0	0.000	0					0.0	0.0	
2	519616	0.010	519616					0.0	0.0	-11.1
3	1231782	0.025	1231782					0.0	0.0	-5.4
4	2402151	0.050	2402151					0.0	0.0	-2.7
5	4792461	0.100	4792461					0.0	0.0	-2.5
6	9378375	0.200	9378375					0.0	0.0	-0.3
7	18386400	0.400	18386400					0.0	0.0	1.7

1st Order Poly
Conc = 2.138e-008 Area - 3.998e-009
r = 0.9998

Scaling: None - Weighting: 1/X



OPERATOR: huan
ACQ. TIME: Jul 10, 2012 13:14:40
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120710.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jul 10, 2012 13:54:36
cyanide
DATA DESCRIPTION:
Created: Jul 10, 2012 13:14:40
Modified: Jul 10, 2012 13:14:40

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jul 9, 2012 16:29:50
cyanide

ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: mg/l
Chemistry: Direct
Inject to Peak Start (s): 24.0
Peak Base Width (s): 33.472
% Width Tolerance: 100.000
Threshold: 25000.000
Autodilution Trigger: Off
QuikChem Method: 10-204-00-1-a

CALIBRATION DATA:
Levels:
1 : 0.000 2 : 0.010 3 : 0.025 4 : 0.050
5 : 0.100 6 : 0.200 7 : 0.400
Calibration Rep Handling: Average
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

SAMPLER TIMING:
Method Cycle Period: 70.0
Min. Probe in Wash Period: 14.0
Probe in Sample Period: 20.0

*** Prep Sequence Not Enabled ***

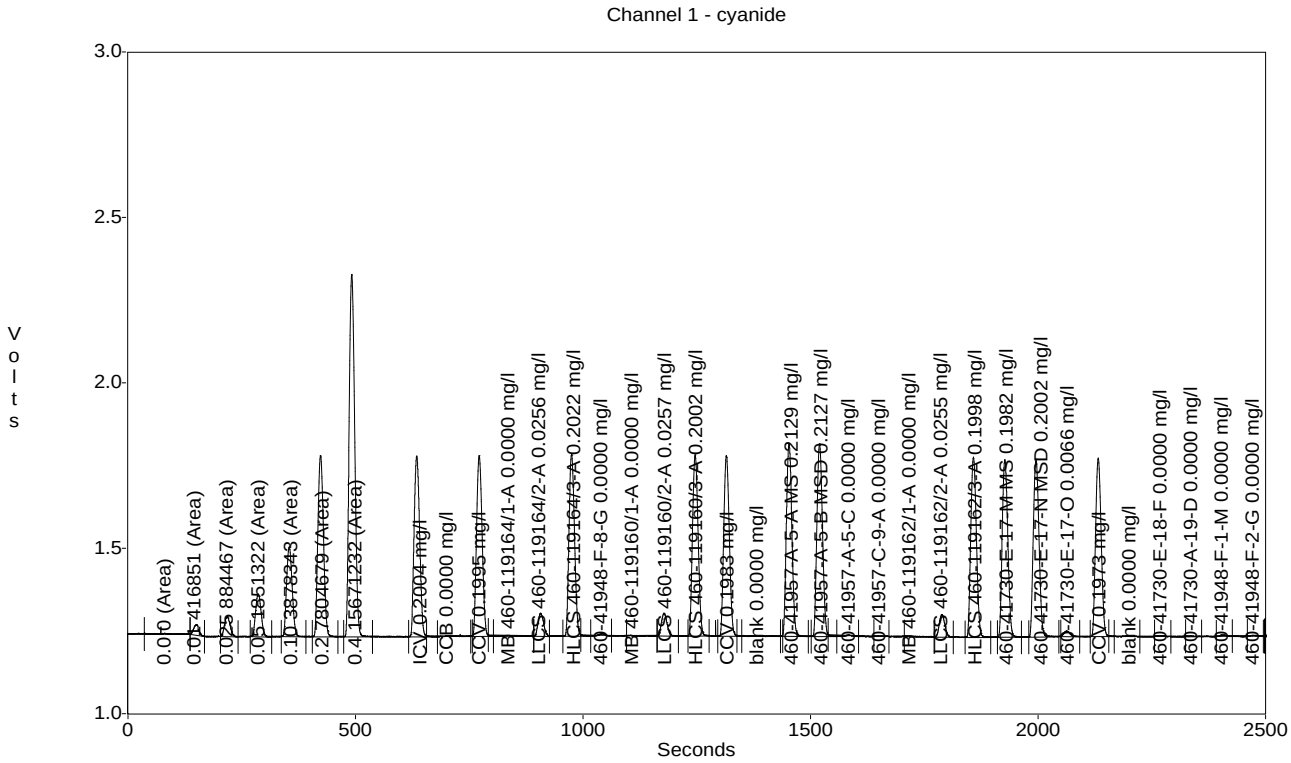
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	10 Jul 2012	13:14:41	1	0.00	1.0	1.00	1.00000	g
2	0.01	10 Jul 2012	13:15:48	1	416851.00	1.0	1.00	1.00000	g
3	0.025	10 Jul 2012	13:16:56	1	884467.00	1.0	1.00	1.00000	g
4	0.05	10 Jul 2012	13:18:04	1	1851322.00	1.0	1.00	1.00000	g
5	0.10	10 Jul 2012	13:19:12	1	3878343.00	1.0	1.00	1.00000	g
6	0.2	10 Jul 2012	13:20:21	1	7804679.00	1.0	1.00	1.00000	g
7	0.4	10 Jul 2012	13:21:30	1	15671232.00	1.0	1.00	1.00000	g

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV	10 Jul 2012	13:23:52	1	0.2004	1.0	1.00	1.00000	g
2	CCB	10 Jul 2012	13:25:01	1	0.0000	1.0	1.00	1.00000	g
3	CCV	10 Jul 2012	13:26:09	1	0.1995	1.0	1.00	1.00000	g
4	MB 460-119164/1-A	10 Jul 2012	13:27:17	1	0.0000	1.0	1.00	1.00000	g
5	LLCS 460-119164/2-A	10 Jul 2012	13:28:25	1	0.0256	1.0	1.00	1.00000	g
6	HLCS 460-119164/3-A	10 Jul 2012	13:29:33	1	0.2022	1.0	1.00	1.00000	g
7	460-41948-F-8-G	10 Jul 2012	13:30:40	1	0.0000	1.0	1.00	1.00000	g
8	MB 460-119160/1-A	10 Jul 2012	13:31:48	1	0.0000	1.0	1.00	1.00000	g
9	LLCS 460-119160/2-A	10 Jul 2012	13:32:56	1	0.0257	1.0	1.00	1.00000	g
10	HLCS 460-119160/3-A	10 Jul 2012	13:34:04	1	0.2002	1.0	1.00	1.00000	g
11	460-41957-A-5-A MS	10 Jul 2012	13:37:30	1	0.2129	1.0	1.00	1.00000	g
12	460-41957-A-5-B MSD	10 Jul 2012	13:38:37	1	0.2127	1.0	1.00	1.00000	g
13	460-41957-A-5-C	10 Jul 2012	13:39:44	1	0.0000	1.0	1.00	1.00000	g
14	460-41957-C-9-A	10 Jul 2012	13:40:51	1	0.0000	1.0	1.00	1.00000	g
15	MB 460-119162/1-A	10 Jul 2012	13:41:57	1	0.0000	1.0	1.00	1.00000	g
16	LLCS 460-119162/2-A	10 Jul 2012	13:43:07	1	0.0255	1.0	1.00	1.00000	g
17	HLCS 460-119162/3-A	10 Jul 2012	13:44:15	1	0.1998	1.0	1.00	1.00000	g
18	460-41730-E-17-M MS	10 Jul 2012	13:45:24	1	0.1982	1.0	1.00	1.00000	g
19	460-41730-E-17-N MSD	10 Jul 2012	13:46:33	1	0.2002	1.0	1.00	1.00000	g
20	460-41730-E-17-O	10 Jul 2012	13:47:41	1	0.0066	1.0	1.00	1.00000	g
21	460-41730-E-18-F	10 Jul 2012	13:51:09	1	0.0000	1.0	1.00	1.00000	g
22	460-41730-A-19-D	10 Jul 2012	13:52:16	1	0.0000	1.0	1.00	1.00000	g
23	460-41948-F-1-M	10 Jul 2012	13:53:24	1	0.0000	1.0	1.00	1.00000	g
24	460-41948-F-2-G	10 Jul 2012	13:54:32	1	0.0000	1.0	1.00	1.00000	g
25	460-41948-F-3-G	10 Jul 2012	13:55:40	1	0.0000	1.0	1.00	1.00000	g
26	460-41948-F-4-G	10 Jul 2012	13:56:48	1	0.0000	1.0	1.00	1.00000	g
27	460-41948-F-5-G	10 Jul 2012	13:57:54	1	0.0000	1.0	1.00	1.00000	g
28	460-41948-F-6-G	10 Jul 2012	13:59:01	1	0.0000	1.0	1.00	1.00000	g
29	460-41948-F-7-I	10 Jul 2012	14:00:08	1	0.0000	1.0	1.00	1.00000	g
30	MB 460-119195/1-A	10 Jul 2012	14:01:15	1	0.0000	1.0	1.00	1.00000	g
31	LLCS 460-119195/2-A	10 Jul 2012	14:04:44	1	0.0259	1.0	1.00	1.00000	g
32	HLCS 460-119195/3-A	10 Jul 2012	14:05:53	1	0.2002	1.0	1.00	1.00000	g
33	460-41779-E-1-H MS	10 Jul 2012	14:07:02	1	0.2086	1.0	1.00	1.00000	g
34	460-41779-E-1-I MSD	10 Jul 2012	14:08:10	1	0.2094	1.0	1.00	1.00000	g
35	460-41779-E-1-J	10 Jul 2012	14:09:19	1	0.0000	1.0	1.00	1.00000	g
36	460-41793-A-8-I	10 Jul 2012	14:10:27	1	0.0000	1.0	1.00	1.00000	g
37	460-41793-E-9-L	10 Jul 2012	14:11:35	1	0.0000	1.0	1.00	1.00000	g
38	MB 460-119193/1-A	10 Jul 2012	14:12:43	1	0.0000	1.0	1.00	1.00000	g
39	LLCS 460-119193/2-A	10 Jul 2012	14:13:50	1	0.0256	1.0	1.00	1.00000	g
40	HLCS 460-119193/3-A	10 Jul 2012	14:14:58	1	0.2009	1.0	1.00	1.00000	g
41	460-41730-E-20-F MS	10 Jul 2012	14:18:26	1	0.2076	1.0	1.00	1.00000	g
42	460-41730-E-20-G MSD	10 Jul 2012	14:19:34	1	0.2071	1.0	1.00	1.00000	g
43	460-41730-E-20-H	10 Jul 2012	14:20:41	1	0.0000	1.0	1.00	1.00000	g
44	460-41730-E-21-E	10 Jul 2012	14:21:47	1	0.0000	1.0	1.00	1.00000	g
45	460-41730-E-22-F	10 Jul 2012	14:22:54	1	0.0000	1.0	1.00	1.00000	g
46	460-41730-E-23-F	10 Jul 2012	14:24:03	1	0.0000	1.0	1.00	1.00000	g
47	460-41793-E-2-E	10 Jul 2012	14:25:12	1	0.0000	1.0	1.00	1.00000	g
48	460-41793-E-3-C	10 Jul 2012	14:26:21	1	0.0000	1.0	1.00	1.00000	g
49	460-41793-A-4-J	10 Jul 2012	14:27:30	1	0.0000	1.0	1.00	1.00000	g
50	460-41793-A-5-O	10 Jul 2012	14:28:39	1	0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
Seconds
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0.05 416851 (Area)
0.025 884467 (Area)
0.05 1851322 (Area)
0.10 3878343 (Area)
0.2 7804679 (Area)
0.4 15671232 (Area)
ICV 0.2004 mg/l
CCB 0.0000 mg/l
CCV 0.1995 mg/l
MB 460-119164/1-A 0.0000 mg/l
LCS 460-119164/2-A 0.0256 mg/l
HLCS 460-119164/3-A 0.2022 mg/l
460-41948-F-8-G 0.0000 mg/l
MB 460-119160/1-A 0.0000 mg/l
LCS 460-119160/2-A 0.0257 mg/l
HLCS 460-119160/3-A 0.2002 mg/l
CCV 0.1983 mg/l
blank 0.0000 mg/l
460-41957-A-5-A MS 0.2129 mg/l
460-41957-A-5-B MSD 0.2127 mg/l
460-41957-A-5-C 0.0000 mg/l
460-41957-C-9-A 0.0000 mg/l
MB 460-119162/1-A 0.0000 mg/l
LCS 460-119162/2-A 0.0255 mg/l
HLCS 460-119162/3-A 0.1998 mg/l
460-41730-E-17-M MS 0.1982 mg/l
460-41730-E-17-N MSD 0.2002 mg/l
460-41730-E-17-O 0.0066 mg/l
CCV 0.1973 mg/l
blank 0.0000 mg/l
460-41730-E-18-F 0.0000 mg/l
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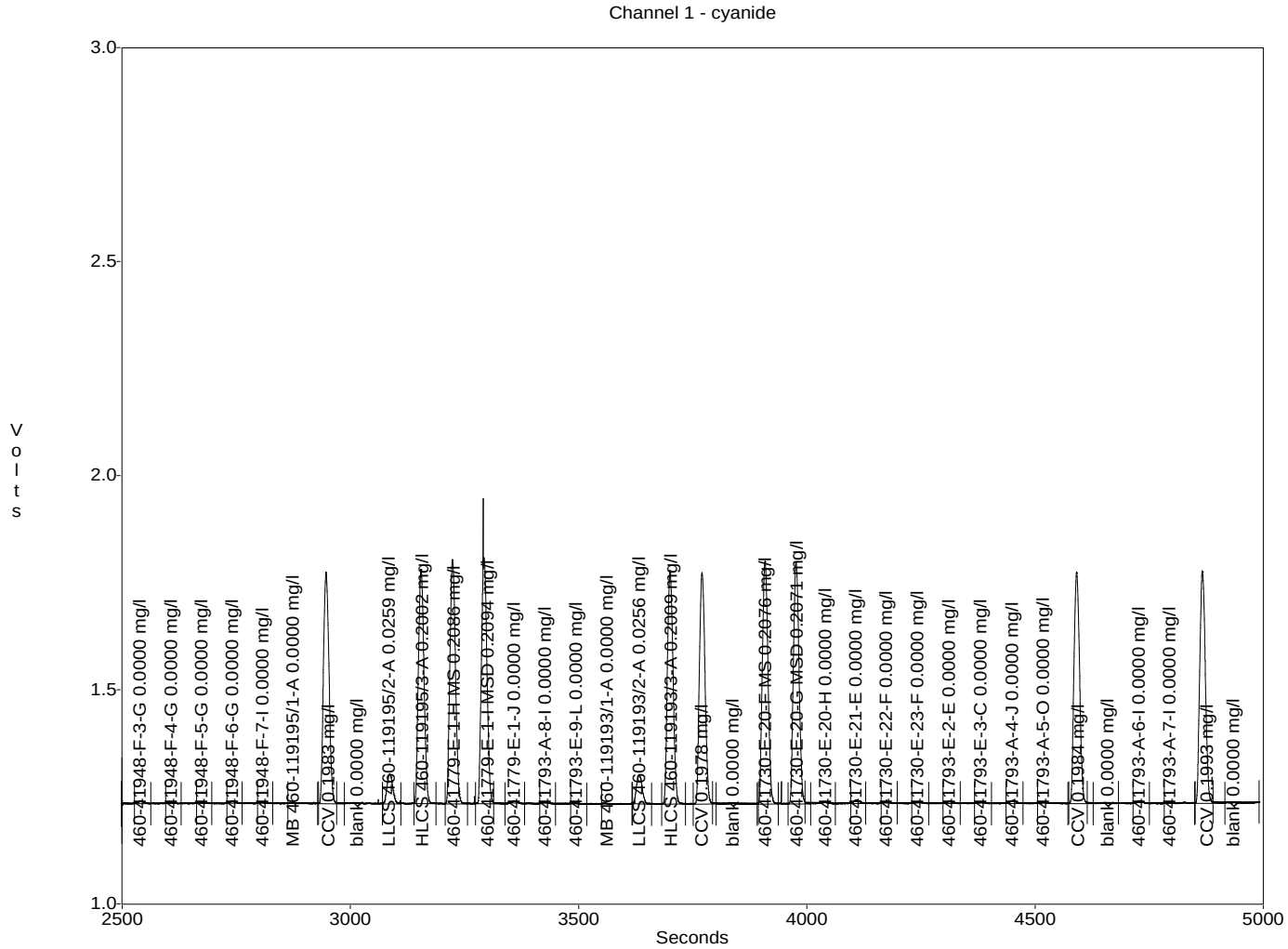
Channel 1 - cyanide
Volts
Seconds
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460-41948-F-4-G 0.0000 mg/l
460-41948-F-5-G 0.0000 mg/l
460-41948-F-6-G 0.0000 mg/l
460-41948-F-7-I 0.0000 mg/l
MB 460-119195/1-A 0.0000 mg/l
CCV 0.1983 mg/l
blank 0.0000 mg/l
LLCS 460-119195/2-A 0.0259 mg/l
HLCS 460-119195/3-A 0.2002 mg/l
460-41779-E-1-H MS 0.2086 mg/l
460-41779-E-1-I MSD 0.2094 mg/l
460-41779-E-1-J 0.0000 mg/l
460-41793-A-8-I 0.0000 mg/l
460-41793-E-9-L 0.0000 mg/l
MB 460-119193/1-A 0.0000 mg/l
LLCS 460-119193/2-A 0.0256 mg/l
HLCS 460-119193/3-A 0.2009 mg/l
CCV 0.1978 mg/l
blank 0.0000 mg/l
460-41730-E-20-F MS 0.2076 mg/l
460-41730-E-20-G MSD 0.2071 mg/l
460-41730-E-20-H 0.0000 mg/l
460-41730-E-21-E 0.0000 mg/l
460-41730-E-22-F 0.0000 mg/l
460-41730-E-23-F 0.0000 mg/l
460-41793-E-2-E 0.0000 mg/l
460-41793-E-3-C 0.0000 mg/l
460-41793-A-4-J 0.0000 mg/l
460-41793-A-5-O 0.0000 mg/l
CCV 0.1984 mg/l
blank 0.0000 mg/l
460-41793-A-6-I 0.0000 mg/l
460-41793-A-7-I 0.0000 mg/l
CCV 0.1993 mg/l
blank 0.0000 mg/l

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 51 to 91

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
51	460-41793-A-6-I	10 Jul 2012	14:32:07	1	0.0000	1.0	1.00	1.00000	g
52	460-41793-A-7-I	10 Jul 2012	14:33:15	1	0.0000	1.0	1.00	1.00000	g

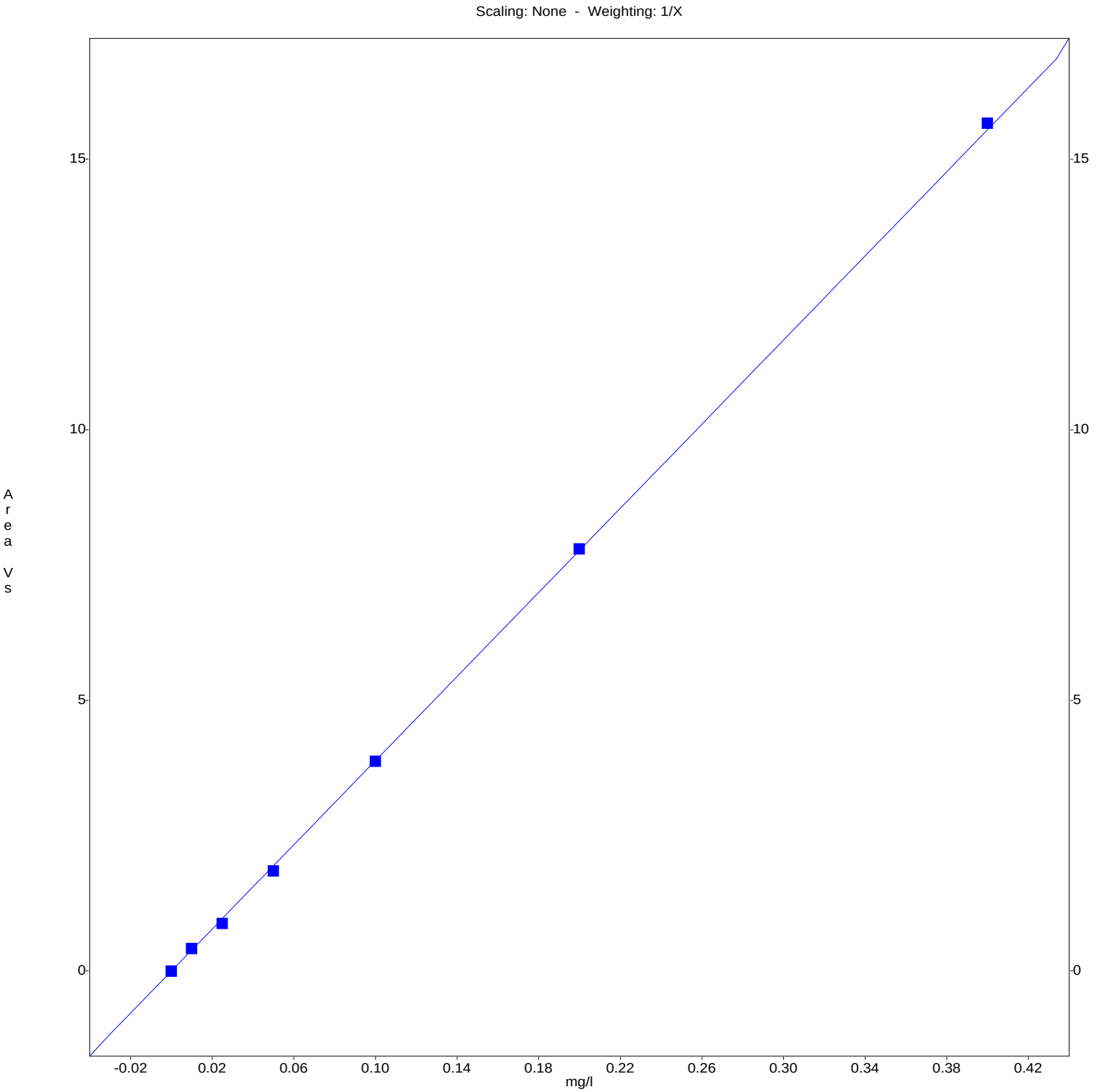
Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	10 Jul 2012	13:35:13	1	0.1983	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.8416				
15	CCV	RelChkStd	10 Jul 2012	13:48:50	1	0.1973	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.3486				
15	CCV	RelChkStd	10 Jul 2012	14:02:24	1	0.1983	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.8396				
15	CCV	RelChkStd	10 Jul 2012	14:16:08	1	0.1978	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.0842				
15	CCV	RelChkStd	10 Jul 2012	14:29:49	1	0.1984	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.7751				
15	CCV	RelChkStd	10 Jul 2012	14:34:24	1	0.1993	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.3496				
16	blank	Blank	10 Jul 2012	13:36:23	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	10 Jul 2012	13:50:01	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	10 Jul 2012	14:03:35	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	10 Jul 2012	14:17:19	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	10 Jul 2012	14:30:59	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	10 Jul 2012	14:35:35	1	0.0000	1.0	1.00	1.00000	g

cyanide

Lvl	Area	mg/l	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	0	0.000	0					0.0	0.0	
2	416851	0.010	416851					0.0	0.0	-7.3
3	884467	0.025	884467					0.0	0.0	9.0
4	1851322	0.050	1851322					0.0	0.0	4.7
5	3878343	0.100	3878343					0.0	0.0	0.2
6	7804679	0.200	7804679					0.0	0.0	-0.4
7	15671232	0.400	15671232					0.0	0.0	-0.8

1st Order Poly
Conc = 2.573e-008 Area + 1.806e-009
r = 0.9999



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118916 Batch Start Date: 07/07/12 06:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 07/07/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00716	WTcnIM2 00873		
MB 460-118916/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-118916/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-118916/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41730-E-5 MS	SF-29	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-5 MSD	SF-29	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-5	SF-29	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-1	SL-10	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-2	SF-26	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-3	SF-27	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-4	SF-28	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-10	FD-H	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-11	F-17	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-12	F-18	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-13	F-19	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-6	SF-30	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	# C - 8371-12 exp.01/02/13
Sulfamic Acid Reagent ID Number	# C - 8373-12 exp.01/02/13
Sulfuric Acid Reagent ID Number	# C - 8372-12 exp.01/02/13

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118918 Batch Start Date: 07/07/12 06:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 07/07/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00716	WTcnIM2 00873		
MB 460-118918/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-118918/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-118918/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41709-E-5 MS		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41709-E-5 MSD		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-14	F-20	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	Fiher/103976A
Sodium Hydroxide Reagent ID Number	# C - 8371-12 exp.01/02/13
Sulfamic Acid Reagent ID Number	# C - 8373-12 exp.01/02/13
Sulfuric Acid Reagent ID Number	# C - 8372-12 exp.01/02/13

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118941 Batch Start Date: 07/07/12 15:44 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 07/07/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00735				
ICV 460-118941/8		9012A		100 mL	2 mL				
CCV 460-118941/10		9012A		100 mL	2 mL				
CCV 460-118941/30		9012A		100 mL	2 mL				
CCV 460-118941/42		9012A		100 mL	2 mL				
CCV 460-118941/54		9012A		100 mL	2 mL				
CCV 460-118941/65		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03601-03607)-12 CAL exp:07/07/12
Buffer Reagent ID Number	C-8385-12 exp;08/06/12
Chloramine-T Reagent ID Number	C-8387-12 exp;07/07/12
First End time	B(03608)-12 : CCV exp;07/07/12
NaOH Lot #	C-8383-12 exp;01/06/13
Pyridine-Barbituric Acid Reagent ID	C-8384-12 exp;07/13/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 119056 Batch Start Date: 07/09/12 09:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 07/09/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00717	WTcnIM2 00874		
MB 460-119056/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-119056/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-119056/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41733-A-1 MS		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41733-A-1 MSD		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-9	SF-33	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-16	F-22	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-7	SF-31	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-15	F-21	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-8	SF-32	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	# C - 8371-12 exp.01/02/13
Sulfamic Acid Reagent ID Number	# C - 8373-12 exp.01/02/13
Sulfuric Acid Reagent ID Number	# C - 8372-12 exp.01/02/13

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 119062 Batch Start Date: 07/09/12 12:22 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 07/09/12 17:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00736				
ICV 460-119062/8		9012A		100 mL	2 mL				
CCV 460-119062/10		9012A		100 mL	2 mL				
CCV 460-119062/42		9012A		100 mL	2 mL				
CCV 460-119062/54		9012A		100 mL	2 mL				
CCV 460-119062/65		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03611-03617)-12 CAL exp;07/09/12
Buffer Reagent ID Number	C-8385-12 exp:08/06/12
Chloramine-T Reagent ID Number	C-8388-12 exp;07/09/12
First End time	B(03618)-12 : CCV exp;07/09/12
NaOH Lot #	C-8383-12 exp;01/06/13
Pyridine-Barbituric Acid Reagent ID	C-8384-12 exp;07/13/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 119162 Batch Start Date: 07/10/12 06:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 07/10/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00718	WTcnIM2 00875		
MB 460-119162/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-119162/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-119162/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41730-E-17 MS	F-23	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-17 MSD	F-23	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-17	F-23	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-18	F-24	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-A-19	F-25	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	# C - 8371-12 exp.01/02/13
Sulfamic Acid Reagent ID Number	# C - 8373-12 exp.01/02/13
Sulfuric Acid Reagent ID Number	# C - 8372-12 exp.01/02/13

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 119193 Batch Start Date: 07/10/12 10:00 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 07/10/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00718	WTcnIM2 00875		
MB 460-119193/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-119193/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-119193/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41730-E-20 MS	F-26	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-20 MSD	F-26	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41730-E-20	F-26	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-21	F-27	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-22	F-28	9012A, 9012A	T	1.0 g	50.0 mL				
460-41730-E-23	FD-J	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	# C - 8371-12 exp.01/02/13
Sulfamic Acid Reagent ID Number	# C - 8373-12 exp.01/02/13
Sulfuric Acid Reagent ID Number	# C - 8372-12 exp.01/02/13

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 119244 Batch Start Date: 07/10/12 13:14 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 07/10/12 14:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00737				
ICV 460-119244/8		9012A		100 mL	2 mL				
CCV 460-119244/10		9012A		100 mL	2 mL				
CCV 460-119244/18		9012A		100 mL	2 mL				
CCV 460-119244/30		9012A		100 mL	2 mL				
CCV 460-119244/42		9012A		100 mL	2 mL				
CCV 460-119244/54		9012A		100 mL	2 mL				
CCV 460-119244/66		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03629-03635)-12 CAL exp;07/10/12
Buffer Reagent ID Number	C-8393-12 exp;08/10/12
Chloramine-T Reagent ID Number	C-8394-12 exp;07/10/12
First End time	B(03636)-12 : CCV exp;07/10/12
NaOH Lot #	C-8383-12 exp;01/06/13
Pyridine-Barbituric Acid Reagent ID	C-8392-12 exp;07/17/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118055 Batch Start Date: 06/29/12 13:36 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41730-D-15	F-21	Moisture	T	1	0.99 g	6.19 g	5.59 g		
460-41730-D-16	F-22	Moisture	T	2	0.98 g	6.05 g	5.68 g		
460-41730-D-17	F-23	Moisture	T	3	1.05 g	6.27 g	3.12 g		
460-41730-D-17 MS	F-23	Moisture	T	4	1.05 g	6.27 g	3.12 g		
460-41730-D-17 MSD	F-23	Moisture	T	5	1.05 g	6.27 g	3.12 g		
460-41730-D-18	F-24	Moisture	T	6	1.04 g	6.06 g	5.59 g		
460-41730-D-20	F-26	Moisture	T	7	1.08 g	6.28 g	5.66 g		
460-41730-D-21	F-27	Moisture	T	8	1.06 g	6.37 g	5.75 g		
460-41730-D-22	F-28	Moisture	T	9	0.99 g	6.46 g	5.89 g		
460-41730-D-23	FD-J	Moisture	T	10	1.02 g	6.37 g	5.83 g		
460-41730-D-5	SF-29	Moisture	T	11	1.01 g	6.62 g	5.75 g		
460-41730-D-5 MS	SF-29	Moisture	T	12	1.01 g	6.62 g	5.75 g		
460-41730-D-5 MSD	SF-29	Moisture	T	13	1.01 g	6.62 g	5.75 g		
460-41730-D-7	SF-31	Moisture	T	14	1.07 g	6.24 g	5.50 g		
460-41730-D-8	SF-32	Moisture	T	15	1.03 g	6.00 g	4.54 g		
460-41730-D-14	F-20	Moisture	T	16	1.00 g	6.01 g	5.23 g		
460-41730-D-9	SF-33	Moisture	T	17	1.02 g	6.28 g	5.67 g		
460-41730-D-10	FD-H	Moisture	T	18	1.04 g	6.23 g	5.47 g		
460-41730-D-11	F-17	Moisture	T	19	1.01 g	6.75 g	6.37 g		
460-41730-D-12	F-18	Moisture	T	20	1.03 g	6.53 g	6.04 g		
460-41730-D-12 DU	F-18	Moisture	T	21	1.01 g	6.58 g	6.07 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	06/29/12
Oven Temp when samples are put in oven	Oven-1 105, Oven-2 105 Degrees C
Time samples were place in the oven	14:10
Oven ID	1, 2
ID number of the thermometer	C4350, 2935

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118055 Batch Start Date: 06/29/12 13:36 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118076 Batch Start Date: 06/29/12 15:55 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41730-D-2	SF-26	Moisture	T	22	1.00 g	6.08 g	5.11 g		
460-41730-D-3	SF-27	Moisture	T	23	1.08 g	6.29 g	5.56 g		
460-41730-D-4	SF-28	Moisture	T	24	0.98 g	6.94 g	6.32 g		
460-41730-D-6	SF-30	Moisture	T	25	1.00 g	6.49 g	5.81 g		
460-41730-D-13	F-19	Moisture	T	26	1.00 g	6.58 g	5.79 g		
460-41789-A-13 DU		Moisture	T	42	0.96 g	6.93 g	6.39 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	06/29/12
Oven Temp when samples are put in oven	Oven-1 105, Oven-2 105 Degrees C
Time samples were place in the oven	16:39
Oven ID	1, 2
ID number of the thermometer	C4350, 2935
Uncorrected In Temperature	None Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41730-1

SDG No.:

Batch Number: 118134 Batch Start Date: 06/30/12 11:24 Batch Analyst: Bobo, Steve

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41730-E-1	SL-10	Moisture	T	26	0.99 g	6.30 g	5.56 g		
460-41730-A-19	F-25	Moisture	T	27	1.00 g	6.60 g	6.04 g		
460-41843-A-1 DU		Moisture	T	42	0.96 g	6.51 g	5.79 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	6/30/12
Oven Temp when samples are put in oven	Oven-1 and Oven-2 Degrees C
Time samples were place in the oven	09:44
Date samples were removed from oven	7/1/12
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	16:00
Oven ID	1,2
ID number of the thermometer	C4350, 2935
Uncorrected In Temperature	None Celsius
Uncorrected Out Temperature	None Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

07/12/2012

Name (for report and invoice): Meredith Anke	Samplers Name (Printed): Meredith Anke	Site/Project Identification: C360112, Mt. Kisco, NY
Company: Carlin-Simpson & Associates	P. O. #: 01-109	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: BCP
Address: 61 Main Street	Analysis Turnaround Time: Standard ☒	
City: Sayreville State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 732-432-5757 Fax: 732-432-5717		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+TICs	TCL SVOC+TICs	TCL Pesticides	TCL PCBs	TAL Metals	Mercury	Cyanide					LAB USE ONLY Sample Numbers
SL-10	6/25/12	0835	S	4	X	X	X	X	X	X	X					1
SF-26		0955	S	4	X	X	X	X	X	X	X					2
SF-27		1050	S	4	X	X	X	X	X	X	X					3
SF-28		1130	S	4	X	X	X	X	X	X	X					4
SF-29		1204	S	4	X	X	X	X	X	X	X					5
SF-30		1345	S	4	X	X	X	X	X	X	X					6
SF-31	6/26/12	0840	S	4	X	X	X	X	X	X	X					7
SF-32		0930	S	4	X	X	X	X	X	X	X					8
SF-33		1015	S	4	X	X	X	X	X	X	X					9
FD-H	6/25/12	—	S	4	X	X	X	X	X	X	X					10
				Soil:	1	1	1	1	1	1	1					
				Water:												

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Special Instructions NYSDEC Category B / NYSDEC EQuIS EDD

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) M. Ankle	C&A	6/26/12 4:45pm	1) 6/26/12 16:45	TA
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company SHORT HOLD	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

IR# 50

3.1°C - 409640 , 2.9°C - 409639

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Meredith Anke	Meredith Anke	C360112 Mt. Kisco, NY
Company	**P. O. #**	**State (Location of site):** NJ: ☐ NY: ☒ Other:
Carlin-Simpson & Associates	01-109	**Regulatory Program:** BCP
Address	**Analysis Turnaround Time**	
61 Main Street	Standard ☒	
City / **State**	Rush Chrages Authorized For:	
Sayreville / NJ	2 Week ☐	
Phone / **Fax**	1 Week ☐	
732-432-5757 / 732-432-5717	Other ☐ ____	

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOA TICs	TCL SVOA TICs	TCL Pesticides	TCL PCBs	TAL Metals	Mercury	Cyanide					Sample Numbers
F-17	6/25/12	1038	S	4	X	X	X	X	X	X	X					11
F-18		1250	S	4	X	X	X	X	X	X	X					12
F-19		1255	S	4	X	X	X	X	X	X	X					13
F-20		1300	S	4	X	X	X	X	X	X	X					14
F-21	6/26/12	0920	S	4	X	X	X	X	X	X	X					15
F-22		1124	S	4	X	X	X	X	X	X	X					16
F-23		1132	S	4	X	X	X	X	X	X	X					17
F-24		1310	S	4	X	X	X	X	X	X	X					18
F-25		1315	S	1					X	X	X					19
F-26		1322	S	4	X	X	X	X	X	X	X					20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1	1	1	1	1	1					
6 = Other ____, 7 = Other ____				Water:												

LAB USE ONLY
Project No:
Job No: 41730

Special Instructions ____ Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date / Time	Received by	Company
M. Anke	CSA	6/26/12 4:45	1) 6/26/12 1645	TA
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Time	Received by 3)	Company
Relinquished by 4)	Company	/ Time	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

IR#8 3.1°C - 409646
2.9°C - 409639

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Meredith Anke	Samplers Name (Printed): Meredith Anke	Site/Project Identification: C360112, Mt. Kisco, NY
Company: Carlin-Simpson & Associates	P. O. #: 01-109	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: BCP
Address: 601 Main Street	Analysis Turnaround Time: Standard ☒	
City: Sayreville State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 732-432-5750 Fax: 732-432-5717		

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOLATILES	TCL SVOLATILES	TCL Pesticide	TCL PCBs	TAL Metals	Mercury	Cyanide					LAB USE ONLY Project No: / Job No: 41730 / Sample Numbers
F-27	6/26/12	1355	S	4	X	X	X	X	X	X	X					21
F-28		1420	S	4	X	X	X	X	X	X	X					22
FD-3	↓	—	S	4	X	X	X	X	X	X	X					23
SF-29MS	6/25/12	1211	S	4	X	X	X	X	X	X	X					5
SF-29MSD	6/25/12	1214	S	4	X	X	X	X	X	X	X					5
F-23MS	6/26/12	1137	S	4	X	X	X	X	X	X	X					17
F-23MSD	6/26/12	1138	S	4	X	X	X	X	X	X	X					17

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: 1 1 1 1 1 1 1
6 = Other _____, 7 = Other _____ — Water:

Special Instructions Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) M. Anke	CSA	6/26/12 4:45	1) 6/26/12 1645	TA
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

IASD 3.1°C - 409640
2.9°C - 409639

Login Sample Receipt Checklist

Client: Carlin, Simpson and Associates

Job Number: 460-41730-1

Login Number: 41730

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	409640,409639
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1,2.9° C IR 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.