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ANALYTICAL REPORT

Job Number: 460-41492-1

Job Description: C360112. Mt. Kisco, NY

For:
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CASE NARRATIVE

Client: Carlin, Simpson and Associates

Project: C360112. Mt. Kisco, NY

Report Number: 460-41492-1

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 6/19/2012 5:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4º C and 4.4º 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 460-41492-1 through 460-41492-23 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 06/25/2012 and 06/26/2012.

The matrix spike(MS) recoveries for antimony in batch 117307 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike(MS) recoveries for antimony in batch 117425 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Samples 460-41492-1 through 460-41492-23(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-41492-1 through 460-41492-23 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 06/20/2012, 06/21/2012 and 06/22/2012.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Samples 460-41492-1 through 460-41492-17 and 460-41492-19 through 460-41492-23 were analyzed for organochlorine pesticides in

accordance with EPA SW-846 Method 8081A. The samples were prepared on 06/21/2012 and analyzed on 06/21/2012 and 06/22/2012.

No difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples 460-41492-1 through 460-41492-17 and 460-41492-19 through 460-41492-23 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 06/21/2012 and analyzed on 06/21/2012 and 06/22/2012.

The closing calibration verification (CCV) for ar1260 associated with batch 117281 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-41492-1 through 460-41492-17 and 460-41492-19 through 460-41492-23 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 06/20/2012 and analyzed on 06/25/2012 and 06/27/2012.

Acetone and Methylene Chloride were detected in method blank LB3 460-116713/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-117294/5 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. Acetone was detected in method blank MB 460-117463/5 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 460-117463/5 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. 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. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for multiple analytes were outside control limits in batch 117746. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) recoveries of cis-1,3-Dichloropropene and the LCSD recovery of 1,2-Dibromo-3-chloropropane were outside control limits in batch 117463. These analytes were not detected in the associated samples. The data has been flagged and reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of cis-1,3-Dichloropropene, 2-Butanone, and 1,2-Dibromo-3-chloropropane and the MSD recoveries of Cyclohexane and 1,2,4-Trichlorobenzene were outside control limits in batch 117294. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

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 460-41492-1 through 460-41492-17 and 460-41492-19 through 460-41492-23 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 06/21/2012 and analyzed on 06/22/2012 and 06/24/2012.

The laboratory control sample (LCS) for batch 116952 was outside advisory limits for the following analyte: 2,3,4,6-Tetrachlorophenol.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 116952 were outside control limits for 2,3,4,6-Tetrachlorophenol and 4,6-Dinitro-2-methylphenol.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 116952 was outside control limits for 4,6-Dinitro-2-methylphenol. The MS/MSD recovered below the reporting limit (RL) for 2,4-Dinitrophenol and as a result, percent recoveries and % RPD are not calculated (NC).

The laboratory control sample (LCS) for batch 117951 was outside advisory limits for the following analyte: 1,2,4,5-Tetrachlorobenzene.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 116951 were outside control limits. The MS/MSD recovered below the reporting limit (RL) for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol as a result, percent recoveries and % RPD are not calculated (NC). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples 460-41492-1 through 460-41492-23 were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 06/29/2012 and 06/30/2012.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-41492-1 through 460-41492-23 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 06/21/2012 and 06/27/2012.

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: 460-41492-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-41492-1	SF-1	Solid	06/18/2012 0940	06/19/2012 1755
460-41492-2	SF-2	Solid	06/18/2012 1040	06/19/2012 1755
460-41492-3	SF-3	Solid	06/18/2012 1225	06/19/2012 1755
460-41492-4	SF-4	Solid	06/18/2012 1310	06/19/2012 1755
460-41492-5	SF-5	Solid	06/18/2012 1425	06/19/2012 1755
460-41492-6	SF-6	Solid	06/18/2012 1900	06/19/2012 1755
460-41492-7	SF-7	Solid	06/19/2012 0850	06/19/2012 1755
460-41492-8	SF-8	Solid	06/19/2012 0935	06/19/2012 1755
460-41492-8MS	SF-8	Solid	06/19/2012 0935	06/19/2012 1755
460-41492-8MSD	SF-8	Solid	06/19/2012 0935	06/19/2012 1755
460-41492-8DU	SF-8	Solid	06/19/2012 0935	06/19/2012 1755
460-41492-9	SF-9	Solid	06/19/2012 1045	06/19/2012 1755
460-41492-10	SF-10	Solid	06/19/2012 1158	06/19/2012 1755
460-41492-11	SF-11	Solid	06/19/2012 1245	06/19/2012 1755
460-41492-12	SF-12	Solid	06/19/2012 1340	06/19/2012 1755
460-41492-13	SF-13	Solid	06/19/2012 1440	06/19/2012 1755
460-41492-14	SF-14	Solid	06/19/2012 1537	06/19/2012 1755
460-41492-15	FD-C	Solid	06/18/2012 0000	06/19/2012 1755
460-41492-16	F-1	Solid	06/18/2012 1125	06/19/2012 1755
460-41492-17	F-2	Solid	06/18/2012 1138	06/19/2012 1755
460-41492-18	F-3	Solid	06/18/2012 1143	06/19/2012 1755
460-41492-19	F-4	Solid	06/18/2012 1415	06/19/2012 1755
460-41492-20	F-5	Solid	06/19/2012 1030	06/19/2012 1755
460-41492-21	F-6	Solid	06/19/2012 1425	06/19/2012 1755
460-41492-21MS	F-6	Solid	06/19/2012 1425	06/19/2012 1755
460-41492-21MSD	F-6	Solid	06/19/2012 1425	06/19/2012 1755
460-41492-21DU	F-6	Solid	06/19/2012 1425	06/19/2012 1755
460-41492-22	F-7	Solid	06/19/2012 1530	06/19/2012 1755
460-41492-23	FD-D	Solid	06/19/2012 0000	06/19/2012 1755

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-1	**SF-1**					
Methylene Chloride		0.91	J B	1.2	ug/Kg	8260B
Acetone		8.5	J B	12	ug/Kg	8260B
2-Butanone		1.5	J	12	ug/Kg	8260B
4-Methyl-2-pentanone		0.78	J	12	ug/Kg	8260B
Aluminum		1060		42.3	mg/Kg	6010B
Barium		24.3	J	42.3	mg/Kg	6010B
Cadmium		0.25	J	1.1	mg/Kg	6010B
Calcium		204	J	1060	mg/Kg	6010B
Chromium		5.9		2.1	mg/Kg	6010B
Copper		8.9		5.3	mg/Kg	6010B
Iron		2520		31.7	mg/Kg	6010B
Lead		6.1		1.1	mg/Kg	6010B
Magnesium		470	J	1060	mg/Kg	6010B
Manganese		32.3		3.2	mg/Kg	6010B
Nickel		2.9	J	8.5	mg/Kg	6010B
Potassium		146	J	1060	mg/Kg	6010B
Silver		0.80	J	2.1	mg/Kg	6010B
Vanadium		2.6	J	10.6	mg/Kg	6010B
Zinc		18.1		6.3	mg/Kg	6010B
Mercury		0.084		0.038	mg/Kg	7471A
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-2	**SF-2**					
Methylene Chloride		0.78	J B	1.2	ug/Kg	8260B
Acetone		40	B	12	ug/Kg	8260B
Carbon disulfide		0.27	J	1.2	ug/Kg	8260B
2-Butanone		5.5	J	12	ug/Kg	8260B
Aluminum		11500		42.5	mg/Kg	6010B
Barium		86.5		42.5	mg/Kg	6010B
Calcium		1330		1060	mg/Kg	6010B
Chromium		28.4		2.1	mg/Kg	6010B
Cobalt		7.4	J	10.6	mg/Kg	6010B
Copper		13.1		5.3	mg/Kg	6010B
Iron		21100		31.9	mg/Kg	6010B
Lead		5.0		1.1	mg/Kg	6010B
Magnesium		4220		1060	mg/Kg	6010B
Manganese		210		3.2	mg/Kg	6010B
Nickel		18.3		8.5	mg/Kg	6010B
Potassium		3350		1060	mg/Kg	6010B
Vanadium		37.9		10.6	mg/Kg	6010B
Zinc		46.8		6.4	mg/Kg	6010B
Percent Moisture		9.6		1.0	%	Moisture
Percent Solids		90.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-3	**SF-3**					
Methylene Chloride		0.82	J B	1.2	ug/Kg	8260B
Acetone		48	B	12	ug/Kg	8260B
Carbon disulfide		0.57	J	1.2	ug/Kg	8260B
2-Butanone		7.7	J	12	ug/Kg	8260B
4-Methyl-2-pentanone		0.66	J	12	ug/Kg	8260B
Aluminum		8420		46.3	mg/Kg	6010B
Arsenic		1.9		1.2	mg/Kg	6010B
Barium		71.9		46.3	mg/Kg	6010B
Calcium		1540		1160	mg/Kg	6010B
Chromium		22.3		2.3	mg/Kg	6010B
Cobalt		6.3	J	11.6	mg/Kg	6010B
Copper		25.3		5.8	mg/Kg	6010B
Iron		15900		34.7	mg/Kg	6010B
Lead		10.8		1.2	mg/Kg	6010B
Magnesium		3800		1160	mg/Kg	6010B
Manganese		182		3.5	mg/Kg	6010B
Nickel		13.5		9.3	mg/Kg	6010B
Potassium		1830		1160	mg/Kg	6010B
Vanadium		26.3		11.6	mg/Kg	6010B
Zinc		63.5		6.9	mg/Kg	6010B
Mercury		0.030	J	0.035	mg/Kg	7471A
Percent Moisture		13.5		1.0	%	Moisture
Percent Solids		86.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-4	**SF-4**					
Methylene Chloride		0.75	J B	1.1	ug/Kg	8260B
Acetone		18	B	11	ug/Kg	8260B
2-Butanone		4.8	J	11	ug/Kg	8260B
Aluminum		9960		42.9	mg/Kg	6010B
Arsenic		2.3		1.1	mg/Kg	6010B
Barium		85.3		42.9	mg/Kg	6010B
Beryllium		0.24	J	0.43	mg/Kg	6010B
Calcium		1710		1070	mg/Kg	6010B
Chromium		22.9		2.1	mg/Kg	6010B
Cobalt		8.4	J	10.7	mg/Kg	6010B
Copper		18.3		5.4	mg/Kg	6010B
Iron		16400		32.2	mg/Kg	6010B
Lead		10.2		1.1	mg/Kg	6010B
Magnesium		3320		1070	mg/Kg	6010B
Manganese		452		3.2	mg/Kg	6010B
Nickel		13.4		8.6	mg/Kg	6010B
Potassium		1490		1070	mg/Kg	6010B
Vanadium		27.9		10.7	mg/Kg	6010B
Zinc		48.5		6.4	mg/Kg	6010B
Percent Moisture		11.3		1.0	%	Moisture
Percent Solids		88.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-5	**SF-5**					
Methylene Chloride		0.70	J B	1.1	ug/Kg	8260B
Acetone		3.8	J B	11	ug/Kg	8260B
4-Methyl-2-pentanone		0.53	J	11	ug/Kg	8260B
Tetrachloroethene		0.16	J	1.1	ug/Kg	8260B
Aluminum		17600		42.0	mg/Kg	6010B
Arsenic		3.5		1.0	mg/Kg	6010B
Barium		132		42.0	mg/Kg	6010B
Beryllium		0.23	J	0.42	mg/Kg	6010B
Calcium		1400		1050	mg/Kg	6010B
Chromium		33.0		2.1	mg/Kg	6010B
Cobalt		13.1		10.5	mg/Kg	6010B
Copper		36.9		5.2	mg/Kg	6010B
Iron		30400		31.5	mg/Kg	6010B
Lead		12.2		1.0	mg/Kg	6010B
Magnesium		6670		1050	mg/Kg	6010B
Manganese		532		3.1	mg/Kg	6010B
Nickel		27.2		8.4	mg/Kg	6010B
Potassium		3870		1050	mg/Kg	6010B
Silver		0.41	J	2.1	mg/Kg	6010B
Vanadium		41.6		10.5	mg/Kg	6010B
Zinc		98.7		6.3	mg/Kg	6010B
Mercury		0.17		0.035	mg/Kg	7471A
Percent Moisture		14.9		1.0	%	Moisture
Percent Solids		85.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-6	**SF-6**					
Methylene Chloride		0.80	J B	1.3	ug/Kg	8260B
Acetone		12	J B	13	ug/Kg	8260B
2-Butanone		1.5	J	13	ug/Kg	8260B
4-Methyl-2-pentanone		0.46	J	13	ug/Kg	8260B
Aluminum		15800		44.2	mg/Kg	6010B
Arsenic		2.9		1.1	mg/Kg	6010B
Barium		106		44.2	mg/Kg	6010B
Beryllium		0.24	J	0.44	mg/Kg	6010B
Calcium		1910		1100	mg/Kg	6010B
Chromium		42.8		2.2	mg/Kg	6010B
Cobalt		11.4		11.0	mg/Kg	6010B
Copper		29.9		5.5	mg/Kg	6010B
Iron		30200		33.1	mg/Kg	6010B
Lead		7.7		1.1	mg/Kg	6010B
Magnesium		6010		1100	mg/Kg	6010B
Manganese		317		3.3	mg/Kg	6010B
Nickel		23.4		8.8	mg/Kg	6010B
Potassium		1180		1100	mg/Kg	6010B
Vanadium		50.2		11.0	mg/Kg	6010B
Zinc		66.7		6.6	mg/Kg	6010B
Percent Moisture		19.2		1.0	%	Moisture
Percent Solids		80.8		1.0	%	Moisture
460-41492-7	**SF-7**					
Methylene Chloride		0.91	J B	1.2	ug/Kg	8260B
Acetone		4.6	J B	12	ug/Kg	8260B
Aluminum		15100		47.7	mg/Kg	6010B
Arsenic		2.1		1.2	mg/Kg	6010B
Barium		78.9		47.7	mg/Kg	6010B
Beryllium		0.26	J	0.48	mg/Kg	6010B
Calcium		1260		1190	mg/Kg	6010B
Chromium		28.6		2.4	mg/Kg	6010B
Cobalt		8.0	J	11.9	mg/Kg	6010B
Copper		17.4		6.0	mg/Kg	6010B
Iron		22700		35.8	mg/Kg	6010B
Lead		7.2		1.2	mg/Kg	6010B
Magnesium		4810		1190	mg/Kg	6010B
Manganese		266		3.6	mg/Kg	6010B
Nickel		18.9		9.5	mg/Kg	6010B
Potassium		1660		1190	mg/Kg	6010B
Vanadium		36.6		11.9	mg/Kg	6010B
Zinc		46.9		7.2	mg/Kg	6010B
Percent Moisture		17.8		1.0	%	Moisture
Percent Solids		82.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-8	**SF-8**					
Methylene Chloride		0.64	J B	1.1	ug/Kg	8260B
Acetone		18	B	11	ug/Kg	8260B
2-Butanone		2.4	J	11	ug/Kg	8260B
Aluminum		8690		44.5	mg/Kg	6010B
Arsenic		1.6		1.1	mg/Kg	6010B
Barium		87.1		44.5	mg/Kg	6010B
Calcium		1930		1110	mg/Kg	6010B
Chromium		24.1		2.2	mg/Kg	6010B
Cobalt		6.5	J	11.1	mg/Kg	6010B
Copper		20.6		5.6	mg/Kg	6010B
Iron		13600		33.4	mg/Kg	6010B
Lead		5.4		1.1	mg/Kg	6010B
Magnesium		3780		1110	mg/Kg	6010B
Manganese		172		3.3	mg/Kg	6010B
Nickel		18.0		8.9	mg/Kg	6010B
Potassium		1820		1110	mg/Kg	6010B
Vanadium		24.9		11.1	mg/Kg	6010B
Zinc		35.6		6.7	mg/Kg	6010B
Percent Moisture		14.4		1.0	%	Moisture
Percent Solids		85.6		1.0	%	Moisture
460-41492-9	**SF-9**					
Methylene Chloride		0.61	J B	1.1	ug/Kg	8260B
Acetone		3.9	J B	11	ug/Kg	8260B
4-Methyl-2-pentanone		0.41	J	11	ug/Kg	8260B
Aluminum		17500		44.8	mg/Kg	6010B
Arsenic		3.0		1.1	mg/Kg	6010B
Barium		74.7		44.8	mg/Kg	6010B
Beryllium		0.34	J	0.45	mg/Kg	6010B
Calcium		1590		1120	mg/Kg	6010B
Chromium		42.1		2.2	mg/Kg	6010B
Cobalt		9.1	J	11.2	mg/Kg	6010B
Copper		34.9		5.6	mg/Kg	6010B
Iron		23800		33.6	mg/Kg	6010B
Lead		10.4		1.1	mg/Kg	6010B
Magnesium		4740		1120	mg/Kg	6010B
Manganese		232		3.4	mg/Kg	6010B
Nickel		20.6		9.0	mg/Kg	6010B
Potassium		1020	J	1120	mg/Kg	6010B
Vanadium		44.7		11.2	mg/Kg	6010B
Zinc		67.2		6.7	mg/Kg	6010B
Mercury		0.046		0.041	mg/Kg	7471A
Percent Moisture		21.1		1.0	%	Moisture
Percent Solids		78.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-10	**SF-10**					
Methylene Chloride		0.65	J B	1.2	ug/Kg	8260B
Acetone		51	B	12	ug/Kg	8260B
2-Butanone		3.1	J	12	ug/Kg	8260B
Aluminum		14600		42.4	mg/Kg	6010B
Arsenic		3.1		1.1	mg/Kg	6010B
Barium		78.5		42.4	mg/Kg	6010B
Beryllium		0.22	J	0.42	mg/Kg	6010B
Calcium		1290		1060	mg/Kg	6010B
Chromium		34.5		2.1	mg/Kg	6010B
Cobalt		10	J	10.6	mg/Kg	6010B
Copper		36.0		5.3	mg/Kg	6010B
Iron		28800		31.8	mg/Kg	6010B
Lead		10.1		1.1	mg/Kg	6010B
Magnesium		5270		1060	mg/Kg	6010B
Manganese		344		3.2	mg/Kg	6010B
Nickel		20.1		8.5	mg/Kg	6010B
Potassium		2060		1060	mg/Kg	6010B
Vanadium		44.2		10.6	mg/Kg	6010B
Zinc		56.6		6.4	mg/Kg	6010B
Percent Moisture		15.7		1.0	%	Moisture
Percent Solids		84.3		1.0	%	Moisture
460-41492-11	**SF-11**					
Methylene Chloride		0.44	J B	1.0	ug/Kg	8260B
Acetone		37	B	10	ug/Kg	8260B
2-Butanone		2.7	J	10	ug/Kg	8260B
Aluminum		12600		40.2	mg/Kg	6010B
Arsenic		2.0		1.0	mg/Kg	6010B
Barium		99.3		40.2	mg/Kg	6010B
Beryllium		0.22	J	0.40	mg/Kg	6010B
Calcium		1320		1010	mg/Kg	6010B
Chromium		24.9		2.0	mg/Kg	6010B
Cobalt		7.5	J	10.1	mg/Kg	6010B
Copper		18.6		5.0	mg/Kg	6010B
Iron		19400		30.2	mg/Kg	6010B
Lead		6.4		1.0	mg/Kg	6010B
Magnesium		3960		1010	mg/Kg	6010B
Manganese		280		3.0	mg/Kg	6010B
Nickel		16.4		8.0	mg/Kg	6010B
Potassium		2360		1010	mg/Kg	6010B
Vanadium		33.4		10.1	mg/Kg	6010B
Zinc		44.9		6.0	mg/Kg	6010B
Percent Moisture		8.8		1.0	%	Moisture
Percent Solids		91.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-12	**SF-12**					
Methylene Chloride		0.64	J B	1.2	ug/Kg	8260B
Acetone		8.1	J B	12	ug/Kg	8260B
2-Butanone		1.6	J	12	ug/Kg	8260B
Aluminum		944		44.7	mg/Kg	6010B
Barium		17.2	J	44.7	mg/Kg	6010B
Cadmium		0.69	J	1.1	mg/Kg	6010B
Calcium		253	J	1120	mg/Kg	6010B
Chromium		4.8		2.2	mg/Kg	6010B
Copper		5.2	J	5.6	mg/Kg	6010B
Iron		2790		33.5	mg/Kg	6010B
Lead		4.1		1.1	mg/Kg	6010B
Magnesium		399	J	1120	mg/Kg	6010B
Manganese		33.9		3.4	mg/Kg	6010B
Nickel		2.0	J	8.9	mg/Kg	6010B
Silver		0.29	J	2.2	mg/Kg	6010B
Vanadium		2.7	J	11.2	mg/Kg	6010B
Zinc		21.2		6.7	mg/Kg	6010B
Mercury		0.030	J	0.032	mg/Kg	7471A
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture
460-41492-13	**SF-13**					
Methylene Chloride		0.58	J B	0.99	ug/Kg	8260B
Acetone		30	B	9.9	ug/Kg	8260B
Carbon disulfide		0.29	J	0.99	ug/Kg	8260B
2-Butanone		3.7	J	9.9	ug/Kg	8260B
Aluminum		7850		40.3	mg/Kg	6010B
Arsenic		1.3		1.0	mg/Kg	6010B
Barium		91.1		40.3	mg/Kg	6010B
Beryllium		0.14	J	0.40	mg/Kg	6010B
Calcium		2240		1010	mg/Kg	6010B
Chromium		20.0		2.0	mg/Kg	6010B
Cobalt		5.9	J	10.1	mg/Kg	6010B
Copper		16.7		5.0	mg/Kg	6010B
Iron		13600		30.2	mg/Kg	6010B
Lead		4.4		1.0	mg/Kg	6010B
Magnesium		3160		1010	mg/Kg	6010B
Manganese		214		3.0	mg/Kg	6010B
Nickel		12.6		8.1	mg/Kg	6010B
Potassium		2130		1010	mg/Kg	6010B
Vanadium		25.4		10.1	mg/Kg	6010B
Zinc		31.7		6.0	mg/Kg	6010B
Percent Moisture		9.7		1.0	%	Moisture
Percent Solids		90.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-14	**SF-14**					
Methylene Chloride		0.58	J B	1.0	ug/Kg	8260B
Acetone		19	B	10	ug/Kg	8260B
2-Butanone		2.7	J	10	ug/Kg	8260B
Aluminum		11100		44.4	mg/Kg	6010B
Arsenic		1.8		1.1	mg/Kg	6010B
Barium		108		44.4	mg/Kg	6010B
Calcium		2040		1110	mg/Kg	6010B
Chromium		24.5		2.2	mg/Kg	6010B
Cobalt		8.3	J	11.1	mg/Kg	6010B
Copper		30.9		5.6	mg/Kg	6010B
Iron		19300		33.3	mg/Kg	6010B
Lead		6.4		1.1	mg/Kg	6010B
Magnesium		4530		1110	mg/Kg	6010B
Manganese		329		3.3	mg/Kg	6010B
Nickel		18.2		8.9	mg/Kg	6010B
Potassium		3170		1110	mg/Kg	6010B
Vanadium		31.8		11.1	mg/Kg	6010B
Zinc		53.3		6.7	mg/Kg	6010B
Mercury		0.043		0.033	mg/Kg	7471A
Percent Moisture		11.8		1.0	%	Moisture
Percent Solids		88.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-15	**FD-C**					
Methylene Chloride		0.49	J B	1.1	ug/Kg	8260B
Acetone		30	B	11	ug/Kg	8260B
2-Butanone		5.3	J	11	ug/Kg	8260B
4-Methyl-2-pentanone		1.0	J	11	ug/Kg	8260B
Aluminum		8450		41.9	mg/Kg	6010B
Arsenic		2.7		1.0	mg/Kg	6010B
Barium		66.9		41.9	mg/Kg	6010B
Beryllium		0.17	J	0.42	mg/Kg	6010B
Calcium		1460		1050	mg/Kg	6010B
Chromium		21.3		2.1	mg/Kg	6010B
Cobalt		6.3	J	10.5	mg/Kg	6010B
Copper		28.9		5.2	mg/Kg	6010B
Iron		19100		31.4	mg/Kg	6010B
Lead		11.0		1.0	mg/Kg	6010B
Magnesium		3740		1050	mg/Kg	6010B
Manganese		204		3.1	mg/Kg	6010B
Nickel		15.0		8.4	mg/Kg	6010B
Potassium		1500		1050	mg/Kg	6010B
Silver		0.21	J	2.1	mg/Kg	6010B
Vanadium		24.7		10.5	mg/Kg	6010B
Zinc		76.3		6.3	mg/Kg	6010B
Mercury		0.13		0.033	mg/Kg	7471A
Percent Moisture		11.5		1.0	%	Moisture
Percent Solids		88.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-16	**F-1**					
Methylene Chloride		0.53	J B	1.1	ug/Kg	8260B
Acetone		3.5	J B	11	ug/Kg	8260B
Phenanthrene		56	J	350	ug/Kg	8270C
Aluminum		7800		38.6	mg/Kg	6010B
Arsenic		1.3		0.97	mg/Kg	6010B
Barium		74.0		38.6	mg/Kg	6010B
Calcium		1610		966	mg/Kg	6010B
Chromium		17.5		1.9	mg/Kg	6010B
Cobalt		6.2	J	9.7	mg/Kg	6010B
Copper		16.0		4.8	mg/Kg	6010B
Iron		13800		29.0	mg/Kg	6010B
Lead		6.6		0.97	mg/Kg	6010B
Magnesium		3570		966	mg/Kg	6010B
Manganese		246		2.9	mg/Kg	6010B
Nickel		14.2		7.7	mg/Kg	6010B
Potassium		2050		966	mg/Kg	6010B
Vanadium		20.9		9.7	mg/Kg	6010B
Zinc		34.9		5.8	mg/Kg	6010B
Mercury		0.040		0.035	mg/Kg	7471A
Percent Moisture		6.7		1.0	%	Moisture
Percent Solids		93.3		1.0	%	Moisture
460-41492-17	**F-2**					
Methylene Chloride		0.58	J B	1.1	ug/Kg	8260B
Phenanthrene		57	J	370	ug/Kg	8270C
Aluminum		8340		41.9	mg/Kg	6010B
Arsenic		1.5		1.0	mg/Kg	6010B
Barium		157		41.9	mg/Kg	6010B
Calcium		2020		1050	mg/Kg	6010B
Chromium		21.1		2.1	mg/Kg	6010B
Cobalt		6.1	J	10.5	mg/Kg	6010B
Copper		232		5.2	mg/Kg	6010B
Iron		15900		31.5	mg/Kg	6010B
Lead		38.1		1.0	mg/Kg	6010B
Magnesium		4600		1050	mg/Kg	6010B
Manganese		221		3.1	mg/Kg	6010B
Nickel		13.5		8.4	mg/Kg	6010B
Potassium		3650		1050	mg/Kg	6010B
Silver		0.50	J	2.1	mg/Kg	6010B
Vanadium		26.4		10.5	mg/Kg	6010B
Zinc		117		6.3	mg/Kg	6010B
Mercury		1.4		0.032	mg/Kg	7471A
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-18	**F-3**					
Aluminum		6510		39.1	mg/Kg	6010B
Arsenic		1.5		0.98	mg/Kg	6010B
Barium		86.7		39.1	mg/Kg	6010B
Cadmium		0.21	J	0.98	mg/Kg	6010B
Calcium		1420		979	mg/Kg	6010B
Chromium		14.1		2.0	mg/Kg	6010B
Cobalt		4.1	J	9.8	mg/Kg	6010B
Copper		35.4		4.9	mg/Kg	6010B
Iron		12300		29.4	mg/Kg	6010B
Lead		93.6		0.98	mg/Kg	6010B
Magnesium		2900		979	mg/Kg	6010B
Manganese		213		2.9	mg/Kg	6010B
Nickel		10.2		7.8	mg/Kg	6010B
Potassium		1280		979	mg/Kg	6010B
Silver		2.3		2.0	mg/Kg	6010B
Vanadium		17.5		9.8	mg/Kg	6010B
Zinc		80.2		5.9	mg/Kg	6010B
Mercury		1.6		0.033	mg/Kg	7471A
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-19	**F-4**					
Methylene Chloride		0.72	J B	1.3	ug/Kg	8260B
Acetone		4.9	J B	13	ug/Kg	8260B
Tetrachloroethene		0.28	J	1.3	ug/Kg	8260B
Phenanthrene		58	J	430	ug/Kg	8270C
Aluminum		16200		51.0	mg/Kg	6010B
Arsenic		3.4		1.3	mg/Kg	6010B
Barium		129		51.0	mg/Kg	6010B
Beryllium		0.26	J	0.51	mg/Kg	6010B
Calcium		1730		1280	mg/Kg	6010B
Chromium		32.5		2.6	mg/Kg	6010B
Cobalt		11.3	J	12.8	mg/Kg	6010B
Copper		39.0		6.4	mg/Kg	6010B
Iron		26100		38.3	mg/Kg	6010B
Lead		33.1		1.3	mg/Kg	6010B
Magnesium		5430		1280	mg/Kg	6010B
Manganese		532		3.8	mg/Kg	6010B
Nickel		23.9		10.2	mg/Kg	6010B
Potassium		2740		1280	mg/Kg	6010B
Silver		0.82	J	2.6	mg/Kg	6010B
Vanadium		41.1		12.8	mg/Kg	6010B
Zinc		155		7.7	mg/Kg	6010B
Mercury		0.71		0.038	mg/Kg	7471A
Percent Moisture		23.2		1.0	%	Moisture
Percent Solids		76.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-20	**F-5**					
Methylene Chloride		0.54	J B	1.4	ug/Kg	8260B
Acetone		5.8	J B	14	ug/Kg	8260B
Phenanthrene		49	J	370	ug/Kg	8270C
Aluminum		10800		42.7	mg/Kg	6010B
Arsenic		1.9		1.1	mg/Kg	6010B
Barium		89.4		42.7	mg/Kg	6010B
Beryllium		0.16	J	0.43	mg/Kg	6010B
Calcium		1540		1070	mg/Kg	6010B
Chromium		22.3		2.1	mg/Kg	6010B
Cobalt		8.4	J	10.7	mg/Kg	6010B
Copper		18.1		5.3	mg/Kg	6010B
Iron		18000		32.1	mg/Kg	6010B
Lead		6.7		1.1	mg/Kg	6010B
Magnesium		4360		1070	mg/Kg	6010B
Manganese		327		3.2	mg/Kg	6010B
Nickel		18.7		8.5	mg/Kg	6010B
Potassium		2360		1070	mg/Kg	6010B
Vanadium		27.0		10.7	mg/Kg	6010B
Zinc		42.0		6.4	mg/Kg	6010B
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture
460-41492-21	**F-6**					
Methylene Chloride		0.92	J B	1.5	ug/Kg	8260B
Phenanthrene		58	J	380	ug/Kg	8270C
Aluminum		7610		43.0	mg/Kg	6010B
Arsenic		1.4		1.1	mg/Kg	6010B
Barium		54.2		43.0	mg/Kg	6010B
Calcium		1510		1070	mg/Kg	6010B
Chromium		15.4		2.1	mg/Kg	6010B
Cobalt		5.5	J	10.7	mg/Kg	6010B
Copper		13.4		5.4	mg/Kg	6010B
Iron		12300		32.2	mg/Kg	6010B
Lead		4.5		1.1	mg/Kg	6010B
Magnesium		3030		1070	mg/Kg	6010B
Manganese		222		3.2	mg/Kg	6010B
Nickel		12.5		8.6	mg/Kg	6010B
Potassium		1390		1070	mg/Kg	6010B
Vanadium		18.0		10.7	mg/Kg	6010B
Zinc		27.3		6.4	mg/Kg	6010B
Cyanide, Total		0.19	J	0.57	mg/Kg	9012A
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-41492-22	**F-7**					
Methylene Chloride		0.74	J B	1.2	ug/Kg	8260B
Acetone		4.3	J B	12	ug/Kg	8260B
Aluminum		7940		39.6	mg/Kg	6010B
Arsenic		1.7		0.99	mg/Kg	6010B
Barium		61.5		39.6	mg/Kg	6010B
Calcium		2100		991	mg/Kg	6010B
Chromium		16.2		2.0	mg/Kg	6010B
Cobalt		5.7	J	9.9	mg/Kg	6010B
Copper		17.4		5.0	mg/Kg	6010B
Iron		13400		29.7	mg/Kg	6010B
Lead		6.6		0.99	mg/Kg	6010B
Magnesium		3300		991	mg/Kg	6010B
Manganese		262		3.0	mg/Kg	6010B
Nickel		12.6		7.9	mg/Kg	6010B
Potassium		1540		991	mg/Kg	6010B
Vanadium		20.0		9.9	mg/Kg	6010B
Zinc		32.4		5.9	mg/Kg	6010B
Mercury		0.022	J	0.032	mg/Kg	7471A
Percent Moisture		8.2		1.0	%	Moisture
Percent Solids		91.8		1.0	%	Moisture
460-41492-23	**FD-D**					
Methylene Chloride		1.2	J B	1.3	ug/Kg	8260B
Acetone		5.9	J B	13	ug/Kg	8260B
Phenanthrene		58	J	370	ug/Kg	8270C
Aluminum		9750		39.2	mg/Kg	6010B
Arsenic		2.1		0.98	mg/Kg	6010B
Barium		78.2		39.2	mg/Kg	6010B
Beryllium		0.16	J	0.39	mg/Kg	6010B
Calcium		1610		979	mg/Kg	6010B
Chromium		21.3		2.0	mg/Kg	6010B
Cobalt		7.4	J	9.8	mg/Kg	6010B
Copper		16.8		4.9	mg/Kg	6010B
Iron		17000		29.4	mg/Kg	6010B
Lead		6.5		0.98	mg/Kg	6010B
Magnesium		4050		979	mg/Kg	6010B
Manganese		324		2.9	mg/Kg	6010B
Nickel		16.3		7.8	mg/Kg	6010B
Potassium		2170		979	mg/Kg	6010B
Vanadium		25.4		9.8	mg/Kg	6010B
Zinc		37.7		5.9	mg/Kg	6010B
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture

METHOD SUMMARY

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
TCL VOA + 10	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
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: 460-41492-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Del Polito, Vita	VD
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Zhao, Chunxin	CZ
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Boykin, Carol B	CBB
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	Chang, Ryan	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21896.d
Dilution:	1.0			Initial Weight/Volume:	4.82 g
Analysis Date:	06/25/2012 0826			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.52	U	0.52	1.2
Vinyl chloride		0.41	U	0.41	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.91	J B	0.18	1.2
Acetone		8.5	J B	2.0	12
Xylenes, Total		0.81	U	0.81	3.6
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		1.5	J	0.76	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	1.2
1,4-Dioxane		15	U	15	60
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.78	J	0.24	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
1,2-Dibromo-3-Chloropropane		0.53	U	0.53	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21896.d
Dilution:	1.0			Initial Weight/Volume:	4.82 g
Analysis Date:	06/25/2012 0826			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	90		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21896.d
Dilution:	1.0			Initial Weight/Volume:	4.82 g
Analysis Date:	06/25/2012 0826			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0010				

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: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2 | Date Sampled: 06/18/2012 1040
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21897.d
Dilution:	1.0			Initial Weight/Volume:	4.44 g
Analysis Date:	06/25/2012 0849			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.54	U	0.54	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.78	J B	0.19	1.2
Acetone		40	B	2.1	12
Xylenes, Total		0.83	U	0.83	3.7
Carbon disulfide		0.27	J	0.19	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
Chloroform		0.30	U	0.30	1.2
2-Butanone		5.5	J	0.78	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Benzene		0.19	U	0.19	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.35	U	0.35	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.14	U	0.14	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.14	U	0.14	1.2
Freon TF		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
1,4-Dioxane		16	U	16	62
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.14	U	0.14	1.2
1,2,4-Trichlorobenzene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2 | Date Sampled: 06/18/2012 1040
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21897.d
Dilution:	1.0			Initial Weight/Volume:	4.44 g
Analysis Date:	06/25/2012 0849			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.40	U	0.40	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	86		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21897.d
Dilution:	1.0			Initial Weight/Volume:	4.44 g
Analysis Date:	06/25/2012 0849			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0011				

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: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3 | Date Sampled: 06/18/2012 1225
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21898.d
Dilution:	1.0			Initial Weight/Volume:	4.96 g
Analysis Date:	06/25/2012 0913			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.50	U	0.50	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.38	U	0.38	1.2
Methylene Chloride		0.82	J B	0.17	1.2
Acetone		48	B	2.0	12
Xylenes, Total		0.78	U	0.78	3.5
Carbon disulfide		0.57	J	0.17	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		7.7	J	0.73	12
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Benzene		0.17	U	0.17	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
1,4-Dioxane		15	U	15	58
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.66	J	0.23	12
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21898.d
Dilution:	1.0			Initial Weight/Volume:	4.96 g
Analysis Date:	06/25/2012 0913			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3 | Date Sampled: 06/18/2012 1225
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21898.d
Dilution:	1.0			Initial Weight/Volume:	4.96 g
Analysis Date:	06/25/2012 0913			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0012				

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: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21903.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1114			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.49	U	0.49	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.75	J B	0.17	1.1
Acetone		18	B	1.9	11
Xylenes, Total		0.76	U	0.76	3.4
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.27	U	0.27	1.1
2-Butanone		4.8	J	0.71	11
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.32	U	0.32	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
1,4-Dioxane		14	U	14	57
Trichloroethene		0.14	U	0.14	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.23	U	0.23	11
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.14	U	0.14	1.1
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4 | Date Sampled: 06/18/2012 1310
Client Matrix: Solid | % Moisture: 11.3 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21903.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1114			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	88		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21903.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1114			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0014				

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: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21904.d
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	06/25/2012 1137			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		0.70	J B	0.16	1.1
Acetone		3.8	J B	1.8	11
Xylenes, Total		0.71	U	0.71	3.2
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.25	U	0.25	1.1
2-Butanone		0.67	U	0.67	11
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
1,4-Dioxane		13	U	13	53
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.53	J	0.21	11
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.16	J	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5 | Date Sampled: 06/18/2012 1425
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21904.d
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	06/25/2012 1137			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	88		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21904.d
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	06/25/2012 1137			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0015				

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: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21905.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	06/25/2012 1201			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0016				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.3
Bromomethane		0.55	U	0.55	1.3
Vinyl chloride		0.43	U	0.43	1.3
Chloroethane		0.42	U	0.42	1.3
Methylene Chloride		0.80	J B	0.19	1.3
Acetone		12	J B	2.1	13
Xylenes, Total		0.85	U	0.85	3.8
Carbon disulfide		0.19	U	0.19	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.16	U	0.16	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.30	U	0.30	1.3
2-Butanone		1.5	J	0.80	13
1,2-Dichloroethane		0.23	U	0.23	1.3
1,1,1-Trichloroethane		0.16	U	0.16	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Benzene		0.19	U	0.19	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.35	U	0.35	1.3
Ethylbenzene		0.22	U	0.22	1.3
Chlorobenzene		0.23	U	0.23	1.3
Cyclohexane		0.16	U	0.16	1.3
Isopropylbenzene		0.14	U	0.14	1.3
2-Hexanone		0.16	U	0.16	13
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.41	U	0.41	1.3
1,4-Dioxane		16	U	16	63
Trichloroethene		0.15	U	0.15	1.3
Toluene		0.18	U	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.46	J	0.25	13
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.20	U	0.20	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,2,4-Trichlorobenzene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.20	U	0.20	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		0.15	U	0.15	1.3
1,2-Dibromo-3-Chloropropane		0.56	U	0.56	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21905.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	06/25/2012 1201			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0016				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.41	U	0.41	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	85		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21905.d
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	06/25/2012 1201			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0016				

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: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7 | Date Sampled: 06/19/2012 0850
Client Matrix: Solid | % Moisture: 17.8 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21906.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1224			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0017				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.91	J B	0.18	1.2
Acetone		4.6	J B	2.1	12
Xylenes, Total		0.82	U	0.82	3.7
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		0.77	U	0.77	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	1.2
1,4-Dioxane		16	U	16	61
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.24	U	0.24	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21906.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1224			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0017				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21906.d
Dilution:	1.0			Initial Weight/Volume:	4.98 g
Analysis Date:	06/25/2012 1224			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0017				

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: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4

Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21899.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	06/25/2012 0936			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0018				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.47	U	0.47	1.1
Vinyl chloride		0.37	U	0.37	1.1
Chloroethane		0.36	U	0.36	1.1
Methylene Chloride		0.64	J B	0.16	1.1
Acetone		18	B	1.8	11
Xylenes, Total		0.73	U	0.73	3.2
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		2.4	J	0.68	11
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
1,4-Dioxane		14	U	14	54
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	11
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8 | Date Sampled: 06/19/2012 0935
Client Matrix: Solid | % Moisture: 14.4 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21899.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	06/25/2012 0936			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0018				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4

Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21899.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	06/25/2012 0936			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0018				

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: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21907.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	06/25/2012 1247			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0022				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.61	J B	0.17	1.1
Acetone		3.9	J B	1.9	11
Xylenes, Total		0.75	U	0.75	3.3
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.27	U	0.27	1.1
2-Butanone		0.70	U	0.70	11
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
1,4-Dioxane		14	U	14	56
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.41	J	0.22	11
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9 | Date Sampled: 06/19/2012 1045
Client Matrix: Solid | % Moisture: 21.1 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21907.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	06/25/2012 1247			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0022				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	85		70 - 130
Bromofluorobenzene	85		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21907.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	06/25/2012 1247			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0022				

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: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21908.d
Dilution:	1.0			Initial Weight/Volume:	4.84 g
Analysis Date:	06/25/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0023				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.65	J B	0.18	1.2
Acetone		51	B	2.1	12
Xylenes, Total		0.82	U	0.82	3.7
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		3.1	J	0.77	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	1.2
1,4-Dioxane		16	U	16	61
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10 | Date Sampled: 06/19/2012 1158
Client Matrix: Solid | % Moisture: 15.7 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21908.d
Dilution:	1.0			Initial Weight/Volume:	4.84 g
Analysis Date:	06/25/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0023				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21908.d
Dilution:	1.0			Initial Weight/Volume:	4.84 g
Analysis Date:	06/25/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0023				

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: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8
Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21909.d
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Analysis Date:	06/25/2012 1334			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0024				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.44	J B	0.15	1.0
Acetone		37	B	1.7	10
Xylenes, Total		0.69	U	0.69	3.1
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		2.7	J	0.65	10
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11 | Date Sampled: 06/19/2012 1245
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21909.d
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Analysis Date:	06/25/2012 1334			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0024				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21909.d
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Analysis Date:	06/25/2012 1334			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0024				

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: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21910.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	06/25/2012 1357			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0025				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.64	J B	0.18	1.2
Acetone		8.1	J B	2.1	12
Xylenes, Total		0.82	U	0.82	3.7
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		1.6	J	0.77	12
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	1.2
1,4-Dioxane		16	U	16	61
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	12
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21910.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	06/25/2012 1357			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0025				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	86		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21910.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	06/25/2012 1357			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0025				

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: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13 | Date Sampled: 06/19/2012 1440
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21911.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	06/25/2012 1421			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0026				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.99
Bromomethane		0.42	U	0.42	0.99
Vinyl chloride		0.34	U	0.34	0.99
Chloroethane		0.33	U	0.33	0.99
Methylene Chloride		0.58	J B	0.15	0.99
Acetone		30	B	1.7	9.9
Xylenes, Total		0.66	U	0.66	3.0
Carbon disulfide		0.29	J	0.15	0.99
Trichlorofluoromethane		0.16	U	0.16	0.99
1,1-Dichloroethene		0.19	U	0.19	0.99
1,1-Dichloroethane		0.11	U	0.11	0.99
trans-1,2-Dichloroethene		0.13	U	0.13	0.99
cis-1,2-Dichloroethene		0.11	U	0.11	0.99
Chloroform		0.24	U	0.24	0.99
2-Butanone		3.7	J	0.62	9.9
1,2-Dichloroethane		0.18	U	0.18	0.99
1,1,1-Trichloroethane		0.13	U	0.13	0.99
Carbon tetrachloride		0.15	U	0.15	0.99
Benzene		0.15	U	0.15	0.99
Bromoform		0.17	U	0.17	0.99
Styrene		0.28	U	0.28	0.99
Ethylbenzene		0.17	U	0.17	0.99
Chlorobenzene		0.18	U	0.18	0.99
Cyclohexane		0.13	U	0.13	0.99
Isopropylbenzene		0.11	U	0.11	0.99
2-Hexanone		0.13	U	0.13	9.9
MTBE		0.11	U	0.11	0.99
Freon TF		0.11	U	0.11	0.99
Methyl acetate		0.32	U	0.32	0.99
1,4-Dioxane		13	U	13	49
Trichloroethene		0.12	U	0.12	0.99
Toluene		0.14	U	0.14	0.99
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
4-Methyl-2-pentanone		0.20	U	0.20	9.9
cis-1,3-Dichloropropene		0.14	U	0.14	0.99
1,2-Dichlorobenzene		0.099	U	0.099	0.99
1,3-Dichlorobenzene		0.16	U	0.16	0.99
1,4-Dichlorobenzene		0.11	U	0.11	0.99
1,2,4-Trichlorobenzene		0.19	U	0.19	0.99
1,2,3-Trichlorobenzene		0.16	U	0.16	0.99
1,2-Dichloropropane		0.15	U	0.15	0.99
Methylcyclohexane		0.099	U	0.099	0.99
Tetrachloroethene		0.12	U	0.12	0.99
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7
Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21911.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	06/25/2012 1421			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0026				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.099	U	0.099	0.99
1,2-Dibromoethane		0.15	U	0.15	0.99
Dichlorodifluoromethane		0.22	U	0.22	0.99
Bromochloromethane		0.11	U	0.11	0.99
Bromodichloromethane		0.32	U	0.32	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21911.d
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	06/25/2012 1421			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0026				

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: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21912.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	06/25/2012 1444			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0028				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.58	J B	0.16	1.0
Acetone		19	B	1.8	10
Xylenes, Total		0.69	U	0.69	3.1
Carbon disulfide		0.16	U	0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		2.7	J	0.65	10
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Benzene		0.16	U	0.16	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	52
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.15	U	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21912.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	06/25/2012 1444			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0028				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	85		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8

Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21912.d
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	06/25/2012 1444			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0028				

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: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21913.d
Dilution:	1.0			Initial Weight/Volume:	5.20 g
Analysis Date:	06/25/2012 1507			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0029				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.47	U	0.47	1.1
Vinyl chloride		0.37	U	0.37	1.1
Chloroethane		0.36	U	0.36	1.1
Methylene Chloride		0.49	J B	0.16	1.1
Acetone		30	B	1.8	11
Xylenes, Total		0.73	U	0.73	3.3
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		5.3	J	0.68	11
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	1.1
1,4-Dioxane		14	U	14	54
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		1.0	J	0.22	11
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	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

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15 | Date Sampled: 06/18/2012 0000
Client Matrix: Solid | % Moisture: 11.5 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21913.d
Dilution:	1.0			Initial Weight/Volume:	5.20 g
Analysis Date:	06/25/2012 1507			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0029				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	92		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21913.d
Dilution:	1.0			Initial Weight/Volume:	5.20 g
Analysis Date:	06/25/2012 1507			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0029				

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: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21924.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	06/25/2012 1927			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0030				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.53	J B	0.17	1.1
Acetone		3.5	J B	1.9	11
Xylenes, Total		0.75	U	0.75	3.4
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.27	U	0.27	1.1
2-Butanone		0.71	U	0.71	11
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
1,4-Dioxane		14	U	14	56
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	11
cis-1,3-Dichloropropene		0.16	U *	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.49	U *	0.49	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21924.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	06/25/2012 1927			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0030				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	95		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21924.d
Dilution:	1.0			Initial Weight/Volume:	4.78 g
Analysis Date:	06/25/2012 1927			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0030				

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: 460-41492-1

Client Sample ID: F-2

Lab Sample ID: 460-41492-17 | Date Sampled: 06/18/2012 1138
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21925.d
Dilution:	1.0			Initial Weight/Volume:	4.95 g
Analysis Date:	06/25/2012 1951			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0031				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.49	U	0.49	1.1
Vinyl chloride		0.39	U	0.39	1.1
Chloroethane		0.38	U	0.38	1.1
Methylene Chloride		0.58	J B	0.17	1.1
Acetone		1.9	U	1.9	11
Xylenes, Total		0.77	U	0.77	3.4
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.22	U	0.22	1.1
1,1-Dichloroethane		0.13	U	0.13	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.13	U	0.13	1.1
Chloroform		0.27	U	0.27	1.1
2-Butanone		0.72	U	0.72	11
1,2-Dichloroethane		0.21	U	0.21	1.1
1,1,1-Trichloroethane		0.15	U	0.15	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.32	U	0.32	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.21	U	0.21	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.13	U	0.13	1.1
2-Hexanone		0.15	U	0.15	11
MTBE		0.13	U	0.13	1.1
Freon TF		0.13	U	0.13	1.1
Methyl acetate		0.37	U	0.37	1.1
1,4-Dioxane		15	U	15	57
Trichloroethene		0.14	U	0.14	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.23	U	0.23	11
cis-1,3-Dichloropropene		0.16	U *	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.13	U	0.13	1.1
1,2,4-Trichlorobenzene		0.22	U	0.22	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.14	U	0.14	1.1
1,2-Dibromo-3-Chloropropane		0.50	U *	0.50	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21925.d
Dilution:	1.0			Initial Weight/Volume:	4.95 g
Analysis Date:	06/25/2012 1951			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0031				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Bromochloromethane		0.13	U	0.13	1.1
Bromodichloromethane		0.37	U	0.37	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	87		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21925.d
Dilution:	1.0			Initial Weight/Volume:	4.95 g
Analysis Date:	06/25/2012 1951			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0031				

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: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19 | Date Sampled: 06/18/2012 1415
Client Matrix: Solid | % Moisture: 23.2 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21926.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	06/25/2012 2014			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0032				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.3
Bromomethane		0.54	U	0.54	1.3
Vinyl chloride		0.43	U	0.43	1.3
Chloroethane		0.42	U	0.42	1.3
Methylene Chloride		0.72	J B	0.19	1.3
Acetone		4.9	J B	2.1	13
Xylenes, Total		0.85	U	0.85	3.8
Carbon disulfide		0.19	U	0.19	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.16	U	0.16	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.30	U	0.30	1.3
2-Butanone		0.79	U	0.79	13
1,2-Dichloroethane		0.23	U	0.23	1.3
1,1,1-Trichloroethane		0.16	U	0.16	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Benzene		0.19	U	0.19	1.3
Bromoform		0.21	U	0.21	1.3
Styrene		0.35	U	0.35	1.3
Ethylbenzene		0.21	U	0.21	1.3
Chlorobenzene		0.23	U	0.23	1.3
Cyclohexane		0.16	U	0.16	1.3
Isopropylbenzene		0.14	U	0.14	1.3
2-Hexanone		0.16	U	0.16	13
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.40	U	0.40	1.3
1,4-Dioxane		16	U	16	63
Trichloroethene		0.15	U	0.15	1.3
Toluene		0.18	U	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.25	U	0.25	13
cis-1,3-Dichloropropene		0.18	U *	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.20	U	0.20	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,2,4-Trichlorobenzene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.20	U	0.20	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		0.28	J	0.15	1.3
1,2-Dibromo-3-Chloropropane		0.55	U *	0.55	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2
Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21926.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	06/25/2012 2014			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0032				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.40	U	0.40	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21926.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	06/25/2012 2014			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0032				

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: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20 | Date Sampled: 06/19/2012 1030
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21927.d
Dilution:	1.0			Initial Weight/Volume:	3.91 g
Analysis Date:	06/25/2012 2038			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0033				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.4
Bromomethane		0.62	U	0.62	1.4
Vinyl chloride		0.49	U	0.49	1.4
Chloroethane		0.48	U	0.48	1.4
Methylene Chloride		0.54	J B	0.22	1.4
Acetone		5.8	J B	2.4	14
Xylenes, Total		0.97	U	0.97	4.3
Carbon disulfide		0.22	U	0.22	1.4
Trichlorofluoromethane		0.23	U	0.23	1.4
1,1-Dichloroethene		0.28	U	0.28	1.4
1,1-Dichloroethane		0.16	U	0.16	1.4
trans-1,2-Dichloroethene		0.19	U	0.19	1.4
cis-1,2-Dichloroethene		0.16	U	0.16	1.4
Chloroform		0.35	U	0.35	1.4
2-Butanone		0.91	U	0.91	14
1,2-Dichloroethane		0.26	U	0.26	1.4
1,1,1-Trichloroethane		0.19	U	0.19	1.4
Carbon tetrachloride		0.22	U	0.22	1.4
Benzene		0.22	U	0.22	1.4
Bromoform		0.25	U	0.25	1.4
Styrene		0.41	U	0.41	1.4
Ethylbenzene		0.25	U	0.25	1.4
Chlorobenzene		0.26	U	0.26	1.4
Cyclohexane		0.19	U	0.19	1.4
Isopropylbenzene		0.16	U	0.16	1.4
2-Hexanone		0.19	U	0.19	14
MTBE		0.16	U	0.16	1.4
Freon TF		0.16	U	0.16	1.4
Methyl acetate		0.46	U	0.46	1.4
1,4-Dioxane		18	U	18	72
Trichloroethene		0.17	U	0.17	1.4
Toluene		0.20	U	0.20	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		0.29	U	0.29	14
cis-1,3-Dichloropropene		0.20	U *	0.20	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,3-Dichlorobenzene		0.23	U	0.23	1.4
1,4-Dichlorobenzene		0.16	U	0.16	1.4
1,2,4-Trichlorobenzene		0.28	U	0.28	1.4
1,2,3-Trichlorobenzene		0.23	U	0.23	1.4
1,2-Dichloropropane		0.22	U	0.22	1.4
Methylcyclohexane		0.14	U	0.14	1.4
Tetrachloroethene		0.17	U	0.17	1.4
1,2-Dibromo-3-Chloropropane		0.64	U *	0.64	1.4
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.4
1,1,2-Trichloroethane		0.20	U	0.20	1.4

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20 | Date Sampled: 06/19/2012 1030
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21927.d
Dilution:	1.0			Initial Weight/Volume:	3.91 g
Analysis Date:	06/25/2012 2038			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0033				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	1.4
1,2-Dibromoethane		0.22	U	0.22	1.4
Dichlorodifluoromethane		0.32	U	0.32	1.4
Bromochloromethane		0.16	U	0.16	1.4
Bromodichloromethane		0.46	U	0.46	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21927.d
Dilution:	1.0			Initial Weight/Volume:	3.91 g
Analysis Date:	06/25/2012 2038			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0033				

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: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	o61608.d
Dilution:	1.0			Initial Weight/Volume:	3.74 g
Analysis Date:	06/27/2012 2003			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0035				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.25	U	0.25	1.5
Bromomethane		0.66	U	0.66	1.5
Vinyl chloride		0.52	U	0.52	1.5
Chloroethane		0.51	U	0.51	1.5
Methylene Chloride		0.92	J B	0.23	1.5
Acetone		2.6	U	2.6	15
Xylenes, Total		1.0	U	1.0	4.6
Carbon disulfide		0.23	U	0.23	1.5
Trichlorofluoromethane		0.25	U	0.25	1.5
1,1-Dichloroethene		0.29	U	0.29	1.5
1,1-Dichloroethane		0.17	U	0.17	1.5
trans-1,2-Dichloroethene		0.20	U	0.20	1.5
cis-1,2-Dichloroethene		0.17	U	0.17	1.5
Chloroform		0.37	U	0.37	1.5
2-Butanone		0.97	U	0.97	15
1,2-Dichloroethane		0.28	U	0.28	1.5
1,1,1-Trichloroethane		0.20	U	0.20	1.5
Carbon tetrachloride		0.23	U	0.23	1.5
Benzene		0.23	U	0.23	1.5
Bromoform		0.26	U	0.26	1.5
Styrene		0.43	U	0.43	1.5
Ethylbenzene		0.26	U	0.26	1.5
Chlorobenzene		0.28	U	0.28	1.5
Cyclohexane		0.20	U	0.20	1.5
Isopropylbenzene		0.17	U	0.17	1.5
2-Hexanone		0.20	U	0.20	15
MTBE		0.17	U	0.17	1.5
Freon TF		0.17	U	0.17	1.5
Methyl acetate		0.49	U	0.49	1.5
1,4-Dioxane		20	U	20	77
Trichloroethene		0.18	U	0.18	1.5
Toluene		0.22	U	0.22	1.5
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
4-Methyl-2-pentanone		0.31	U	0.31	15
cis-1,3-Dichloropropene		0.22	U	0.22	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,3-Dichlorobenzene		0.25	U	0.25	1.5
1,4-Dichlorobenzene		0.17	U	0.17	1.5
1,2,4-Trichlorobenzene		0.29	U	0.29	1.5
1,2,3-Trichlorobenzene		0.25	U	0.25	1.5
1,2-Dichloropropane		0.23	U	0.23	1.5
Methylcyclohexane		0.15	U	0.15	1.5
Tetrachloroethene		0.18	U	0.18	1.5
1,2-Dibromo-3-Chloropropane		0.68	U	0.68	1.5
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.5
1,1,2-Trichloroethane		0.22	U	0.22	1.5

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	o61608.d
Dilution:	1.0			Initial Weight/Volume:	3.74 g
Analysis Date:	06/27/2012 2003			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0035				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	1.5
1,2-Dibromoethane		0.23	U	0.23	1.5
Dichlorodifluoromethane		0.34	U	0.34	1.5
Bromochloromethane		0.17	U	0.17	1.5
Bromodichloromethane		0.49	U	0.49	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	100		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	o61608.d
Dilution:	1.0			Initial Weight/Volume:	3.74 g
Analysis Date:	06/27/2012 2003			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0035				

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: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21928.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	06/25/2012 2101			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0038				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.50	U	0.50	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.38	U	0.38	1.2
Methylene Chloride		0.74	J B	0.17	1.2
Acetone		4.3	J B	2.0	12
Xylenes, Total		0.78	U	0.78	3.5
Carbon disulfide		0.17	U	0.17	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.73	U	0.73	12
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Benzene		0.17	U	0.17	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
1,4-Dioxane		15	U	15	58
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.23	U	0.23	12
cis-1,3-Dichloropropene		0.16	U *	0.16	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
1,2-Dibromo-3-Chloropropane		0.51	U *	0.51	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21928.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	06/25/2012 2101			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0038				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	84		70 - 130
Bromofluorobenzene	83		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21928.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	06/25/2012 2101			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0038				

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: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21929.d
Dilution:	1.0			Initial Weight/Volume:	4.22 g
Analysis Date:	06/25/2012 2125			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0039				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.21	U	0.21	1.3
Bromomethane		0.57	U	0.57	1.3
Vinyl chloride		0.45	U	0.45	1.3
Chloroethane		0.44	U	0.44	1.3
Methylene Chloride		1.2	J B	0.20	1.3
Acetone		5.9	J B	2.2	13
Xylenes, Total		0.89	U	0.89	4.0
Carbon disulfide		0.20	U	0.20	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,1-Dichloroethane		0.15	U	0.15	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.15	U	0.15	1.3
Chloroform		0.32	U	0.32	1.3
2-Butanone		0.83	U	0.83	13
1,2-Dichloroethane		0.24	U	0.24	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.20	U	0.20	1.3
Benzene		0.20	U	0.20	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.37	U	0.37	1.3
Ethylbenzene		0.22	U	0.22	1.3
Chlorobenzene		0.24	U	0.24	1.3
Cyclohexane		0.17	U	0.17	1.3
Isopropylbenzene		0.15	U	0.15	1.3
2-Hexanone		0.17	U	0.17	13
MTBE		0.15	U	0.15	1.3
Freon TF		0.15	U	0.15	1.3
Methyl acetate		0.42	U	0.42	1.3
1,4-Dioxane		17	U	17	66
Trichloroethene		0.16	U	0.16	1.3
Toluene		0.19	U	0.19	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.26	U	0.26	13
cis-1,3-Dichloropropene		0.19	U *	0.19	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.15	U	0.15	1.3
1,2,4-Trichlorobenzene		0.25	U	0.25	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2-Dichloropropane		0.20	U	0.20	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		0.16	U	0.16	1.3
1,2-Dibromo-3-Chloropropane		0.58	U *	0.58	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

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21929.d
Dilution:	1.0			Initial Weight/Volume:	4.22 g
Analysis Date:	06/25/2012 2125			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0039				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.20	U	0.20	1.3
Dichlorodifluoromethane		0.29	U	0.29	1.3
Bromochloromethane		0.15	U	0.15	1.3
Bromodichloromethane		0.42	U	0.42	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8260B TCL VOA + 10

Analysis Method:	8260B	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-116713	Lab File ID:	d21929.d
Dilution:	1.0			Initial Weight/Volume:	4.22 g
Analysis Date:	06/25/2012 2125			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0039				

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: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77659.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0334			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		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		49	U	49	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		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: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77659.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0334			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		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		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	55		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	55		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	60		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77659.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0334			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77662.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0434			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		54	U	54	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		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		44	U	44	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		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77662.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0434			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		47	U	47	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		2.6	U	2.6	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		48	U	48	360
1,4-Dioxane		27	U	27	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	66		38 - 105
Phenol-d5	91		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	63		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	67		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77662.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0434			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77663.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		65	U	65	380
4-Methylphenol		75	U	75	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		5.4	U	5.4	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
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		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		12	U	12	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	770
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	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77663.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	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		24	U	24	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	770
1,2,4,5-Tetrachlorobenzene		51	U *	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
1,4-Dioxane		28	U	28	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77663.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3
Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77664.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0514			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		4.1	U	4.1	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: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77664.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0514			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		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		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		48	U	48	370
1,4-Dioxane		27	U	27	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	95		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	90		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4 | Date Sampled: 06/18/2012 1310
Client Matrix: Solid | % Moisture: 11.3 | Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77664.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0514			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77665.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0535			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		46	U	46	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		6.5	U	6.5	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		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		9.4	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		46	U	46	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		50	U	50	390
Fluoranthene		52	U	52	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: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9
Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77665.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0535			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	66		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	89		37 - 125
2-Fluorobiphenyl	62		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77665.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0535			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77666.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0555			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		81	U	81	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		4.6	U	4.6	41
Isophorone		50	U	50	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		53	U	53	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		49	U	49	410
Acenaphthylene		48	U	48	410
3-Nitroaniline		140	U	140	830
Acenaphthene		60	U	60	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		55	U	55	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		41	U	41	410

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77666.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0555			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		2.9	U	2.9	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		5.2	U	5.2	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	69		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	96		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	69		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77666.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0555			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77667.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0615			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		53	U	53	400
2-Methylphenol		69	U	69	400
4-Methylphenol		79	U	79	400
Benzaldehyde		47	U	47	400
Acetophenone		62	U	62	400
Bis(2-chloroethyl)ether		5.5	U	5.5	40
2,2'-oxybis[1-chloropropane]		45	U	45	400
N-Nitrosodi-n-propylamine		6.7	U	6.7	40
Nitrobenzene		5.7	U	5.7	40
Hexachloroethane		4.5	U	4.5	40
Isophorone		49	U	49	400
2-Nitrophenol		45	U	45	400
2,4-Dimethylphenol		99	U	99	400
2,4-Dichlorophenol		59	U	59	400
Bis(2-chloroethoxy)methane		52	U	52	400
Naphthalene		47	U	47	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.8	U	9.8	82
Caprolactam		93	U	93	400
4-Chloro-3-methylphenol		61	U	61	400
2-Methylnaphthalene		52	U	52	400
Hexachlorobenzene		5.5	U	5.5	40
Hexachlorocyclopentadiene		47	U	47	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		52	U	52	400
Diphenyl		54	U	54	400
2-Chloronaphthalene		45	U	45	400
2-Nitroaniline		170	U	170	820
2,6-Dinitrotoluene		12	U	12	82
Dimethyl phthalate		48	U	48	400
Acenaphthylene		48	U	48	400
3-Nitroaniline		140	U	140	820
Acenaphthene		59	U	59	400
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		47	U	47	400
Diethyl phthalate		48	U	48	400
Fluorene		51	U	51	400
Fluoranthene		54	U	54	400
Di-n-butyl phthalate		50	U	50	400
2,4-Dinitrotoluene		13	U	13	82
4-Chlorophenyl phenyl ether		47	U	47	400
4-Nitroaniline		130	U	130	820
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		40	U	40	400

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77667.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0615			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		62	U	62	400
Anthracene		49	U	49	400
Carbazole		48	U	48	400
Phenanthrene		51	U	51	400
Pentachlorophenol		120	U	120	1200
Pyrene		34	U	34	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.1	U	3.1	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.5	U	2.5	40
Benzo[a]pyrene		2.8	U	2.8	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		40	U	40	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		26	U	26	400
Indeno[1,2,3-cd]pyrene		7.5	U	7.5	40
Dibenz(a,h)anthracene		5.1	U	5.1	40
3,3'-Dichlorobenzidine		140	U	140	820
1,2,4,5-Tetrachlorobenzene		54	U *	54	400
2,3,4,6-Tetrachlorophenol		52	U	52	400
1,4-Dioxane		29	U	29	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	95		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77667.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0615			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77668.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0635			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77668.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0635			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		120	U	120	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	67		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8 | Date Sampled: 06/19/2012 0935
Client Matrix: Solid | % Moisture: 14.4 | Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77668.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0635			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77669.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0656			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		56	U	56	420
2-Chlorophenol		55	U	55	420
2-Methylphenol		71	U	71	420
4-Methylphenol		82	U	82	420
Benzaldehyde		49	U	49	420
Acetophenone		64	U	64	420
Bis(2-chloroethyl)ether		5.7	U	5.7	42
2,2'-oxybis[1-chloropropane]		46	U	46	420
N-Nitrosodi-n-propylamine		7.0	U	7.0	42
Nitrobenzene		5.9	U	5.9	42
Hexachloroethane		4.7	U	4.7	42
Isophorone		51	U	51	420
2-Nitrophenol		47	U	47	420
2,4-Dimethylphenol		100	U	100	420
2,4-Dichlorophenol		61	U	61	420
Bis(2-chloroethoxy)methane		54	U	54	420
Naphthalene		48	U	48	420
4-Chloroaniline		110	U	110	420
Hexachlorobutadiene		10	U	10	85
Caprolactam		96	U	96	420
4-Chloro-3-methylphenol		63	U	63	420
2-Methylnaphthalene		54	U	54	420
Hexachlorobenzene		5.7	U	5.7	42
Hexachlorocyclopentadiene		49	U	49	420
2,4,6-Trichlorophenol		49	U	49	420
2,4,5-Trichlorophenol		54	U	54	420
Diphenyl		56	U	56	420
2-Chloronaphthalene		47	U	47	420
2-Nitroaniline		170	U	170	850
2,6-Dinitrotoluene		13	U	13	85
Dimethyl phthalate		50	U	50	420
Acenaphthylene		49	U	49	420
3-Nitroaniline		150	U	150	850
Acenaphthene		61	U	61	420
4-Nitrophenol		270	U	270	1300
2,4-Dinitrophenol		240	U	240	1300
Dibenzofuran		49	U	49	420
Diethyl phthalate		50	U	50	420
Fluorene		54	U	54	420
Fluoranthene		56	U	56	420
Di-n-butyl phthalate		52	U	52	420
2,4-Dinitrotoluene		14	U	14	85
4-Chlorophenyl phenyl ether		49	U	49	420
4-Nitroaniline		130	U	130	850
4,6-Dinitro-2-methylphenol		110	U	110	1300
4-Bromophenyl phenyl ether		41	U	41	420

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77669.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0656			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		65	U	65	420
Anthracene		51	U	51	420
Carbazole		49	U	49	420
Phenanthrene		53	U	53	420
Pentachlorophenol		120	U	120	1300
Pyrene		35	U	35	420
Chrysene		49	U	49	420
Benzo[k]fluoranthene		3.2	U	3.2	42
Benzo[g,h,i]perylene		31	U	31	420
Benzo[b]fluoranthene		2.6	U	2.6	42
Benzo[a]pyrene		3.0	U	3.0	42
Benzo[a]anthracene		2.9	U	2.9	42
N-Nitrosodiphenylamine		41	U	41	420
Butyl benzyl phthalate		38	U	38	420
Bis(2-ethylhexyl) phthalate		140	U	140	420
Di-n-octyl phthalate		27	U	27	420
Indeno[1,2,3-cd]pyrene		7.8	U	7.8	42
Dibenz(a,h)anthracene		5.3	U	5.3	42
3,3'-Dichlorobenzidine		150	U	150	850
1,2,4,5-Tetrachlorobenzene		56	U *	56	420
2,3,4,6-Tetrachlorophenol		54	U	54	420
1,4-Dioxane		30	U	30	420

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	88		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	71		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77669.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0656			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77670.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0716			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		4.4	U	4.4	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: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77670.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0716			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		48	U	48	390
Carbazole		46	U	46	390
Phenanthrene		50	U	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	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	63		38 - 105
Phenol-d5	94		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	68		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77670.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 0716			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8
Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77671.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0736			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		4.9	U	4.9	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		40	U	40	360
2,4-Dimethylphenol		89	U	89	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		8.8	U	8.8	73
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		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	730
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	73
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		99	U	99	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8
Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77671.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0736			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	730
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	59		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77671.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0736			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77672.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0756			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		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		49	U	49	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		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: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77672.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0756			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	55		38 - 105
Phenol-d5	96		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77672.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0756			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77673.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0816			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		62	U	62	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: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7
Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77673.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0816			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	54		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	53		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77673.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0816			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77674.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0837			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77674.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0837			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	46		38 - 105
Phenol-d5	74		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	62		37 - 125
2-Fluorobiphenyl	49		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77674.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0837			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77675.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0857			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77675.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0857			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	45		38 - 105
Phenol-d5	62		41 - 118
Terphenyl-d14	95		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	54		37 - 125
2-Fluorobiphenyl	44		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77675.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2012 0857			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77676.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/24/2012 0917			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		61	U	61	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		55	U	55	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		40	U	40	350
2,4-Dimethylphenol		88	U	88	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		8.7	U	8.7	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		54	U	54	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.9	U	4.9	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		42	U	42	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		48	U	48	350
2-Chloronaphthalene		40	U	40	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		42	U	42	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		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7
Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77676.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/24/2012 0917			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		56	J	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		33	U	33	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	44		38 - 105
Phenol-d5	72		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	41		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7
Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77676.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/24/2012 0917			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77677.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0937			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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]		41	U	41	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		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		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		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: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77677.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0937			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		57	J	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	55		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	42		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	51		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77677.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0937			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2
Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77678.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0957			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		58	U	58	430
2-Chlorophenol		57	U	57	430
2-Methylphenol		73	U	73	430
4-Methylphenol		85	U	85	430
Benzaldehyde		51	U	51	430
Acetophenone		66	U	66	430
Bis(2-chloroethyl)ether		5.9	U	5.9	43
2,2'-oxybis[1-chloropropane]		48	U	48	430
N-Nitrosodi-n-propylamine		7.2	U	7.2	43
Nitrobenzene		6.1	U	6.1	43
Hexachloroethane		4.8	U	4.8	43
Isophorone		52	U	52	430
2-Nitrophenol		48	U	48	430
2,4-Dimethylphenol		110	U	110	430
2,4-Dichlorophenol		63	U	63	430
Bis(2-chloroethoxy)methane		56	U	56	430
Naphthalene		50	U	50	430
4-Chloroaniline		110	U	110	430
Hexachlorobutadiene		10	U	10	87
Caprolactam		99	U	99	430
4-Chloro-3-methylphenol		65	U	65	430
2-Methylnaphthalene		55	U	55	430
Hexachlorobenzene		5.9	U	5.9	43
Hexachlorocyclopentadiene		51	U	51	430
2,4,6-Trichlorophenol		50	U	50	430
2,4,5-Trichlorophenol		56	U	56	430
Diphenyl		58	U	58	430
2-Chloronaphthalene		48	U	48	430
2-Nitroaniline		180	U	180	870
2,6-Dinitrotoluene		13	U	13	87
Dimethyl phthalate		51	U	51	430
Acenaphthylene		51	U	51	430
3-Nitroaniline		150	U	150	870
Acenaphthene		63	U	63	430
4-Nitrophenol		280	U	280	1300
2,4-Dinitrophenol		240	U	240	1300
Dibenzofuran		50	U	50	430
Diethyl phthalate		51	U	51	430
Fluorene		55	U	55	430
Fluoranthene		57	U	57	430
Di-n-butyl phthalate		53	U	53	430
2,4-Dinitrotoluene		14	U	14	87
4-Chlorophenyl phenyl ether		50	U	50	430
4-Nitroaniline		130	U	130	870
4,6-Dinitro-2-methylphenol		120	U	120	1300
4-Bromophenyl phenyl ether		43	U	43	430

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2
Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77678.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0957			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		66	U	66	430
Anthracene		52	U	52	430
Carbazole		51	U	51	430
Phenanthrene		58	J	55	430
Pentachlorophenol		130	U	130	1300
Pyrene		36	U	36	430
Chrysene		50	U	50	430
Benzo[k]fluoranthene		3.3	U	3.3	43
Benzo[g,h,i]perylene		32	U	32	430
Benzo[b]fluoranthene		2.7	U	2.7	43
Benzo[a]pyrene		3.0	U	3.0	43
Benzo[a]anthracene		3.0	U	3.0	43
N-Nitrosodiphenylamine		42	U	42	430
Butyl benzyl phthalate		39	U	39	430
Bis(2-ethylhexyl) phthalate		140	U	140	430
Di-n-octyl phthalate		27	U	27	430
Indeno[1,2,3-cd]pyrene		8.0	U	8.0	43
Dibenz(a,h)anthracene		5.4	U	5.4	43
3,3'-Dichlorobenzidine		150	U	150	870
1,2,4,5-Tetrachlorobenzene		58	U *	58	430
2,3,4,6-Tetrachlorophenol		56	U	56	430
1,4-Dioxane		31	U	31	430

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		38 - 105
Phenol-d5	95		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	50		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	68		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77678.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/24/2012 0957			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77679.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 1017			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77679.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 1017			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		49	J	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	61		38 - 105
Phenol-d5	92		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	53		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77679.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	06/24/2012 1017			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	7.59	1100	J
	Unknown-2	9.71	640	J
	Unknown-3	15.72	500	J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31240.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0358			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	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		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		45	U	45	380
Diethyl phthalate		45	U	45	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	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31240.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0358			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		58	J	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		2.7	U	2.7	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		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U *	49	380
1,4-Dioxane		28	U	28	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		38 - 105
Phenol-d5	66		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	54		10 - 120
2-Fluorophenol	63		37 - 125
2-Fluorobiphenyl	60		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31240.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0358			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77680.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		71	U	71	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]		40	U	40	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		44	U	44	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		89	U	89	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.8	U	8.8	73
Caprolactam		83	U	83	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		47	U	47	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	730
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	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	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77680.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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		2.7	U	2.7	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		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
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	41		38 - 105
Phenol-d5	63		41 - 118
Terphenyl-d14	63		16 - 151
2,4,6-Tribromophenol	43		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	42		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-116951	Lab File ID:	u77680.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 1038			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31243.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31243.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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		58	J	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	61		38 - 105
Phenol-d5	65		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	38		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	60		40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8270C TCL BNA + 25 TICs

Analysis Method:	8270C	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-116952	Lab File ID:	p31243.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0814			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	108		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0814			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	103		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0828			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		0.93	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		0.95	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	109		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0828			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	104		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0842			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.7
alpha-BHC		1.4	U	1.4	7.7
beta-BHC		1.1	U	1.1	7.7
delta-BHC		1.2	U	1.2	7.7
gamma-BHC (Lindane)		0.90	U	0.90	7.7
Chlordane		17	U	17	77
4,4'-DDD		0.93	U	0.93	7.7
4,4'-DDE		1.5	U	1.5	7.7
4,4'-DDT		0.97	U	0.97	7.7
Dieldrin		1.5	U	1.5	7.7
Endosulfan I		1.6	U	1.6	7.7
Endosulfan II		1.2	U	1.2	7.7
Endosulfan sulfate		0.99	U	0.99	7.7
Endrin		1.1	U	1.1	7.7
Endrin aldehyde		1.9	U	1.9	7.7
Endrin ketone		1.1	U	1.1	7.7
Heptachlor		1.1	U	1.1	7.7
Heptachlor epoxide		1.6	U	1.6	7.7
Methoxychlor		0.87	U	0.87	7.7
Toxaphene		16	U	16	77

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	106		40 - 150
DCB Decachlorobiphenyl	103		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0842			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0855			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	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)		0.88	U	0.88	7.5
Chlordane		16	U	16	75
4,4'-DDD		0.90	U	0.90	7.5
4,4'-DDE		1.5	U	1.5	7.5
4,4'-DDT		0.94	U	0.94	7.5
Dieldrin		1.5	U	1.5	7.5
Endosulfan I		1.6	U	1.6	7.5
Endosulfan II		1.1	U	1.1	7.5
Endosulfan sulfate		0.97	U	0.97	7.5
Endrin		1.1	U	1.1	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	113		40 - 150
DCB Decachlorobiphenyl	106		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0855			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	108		40 - 150
DCB Decachlorobiphenyl	106		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0909			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	105		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0909			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		40 - 150
DCB Decachlorobiphenyl	94		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0923			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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)		0.97	U	0.97	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		0.93	U	0.93	8.3
Toxaphene		17	U	17	83

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	108		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0923			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	104		40 - 150
DCB Decachlorobiphenyl	97		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0937			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.8	U	1.8	8.2
alpha-BHC		1.5	U	1.5	8.2
beta-BHC		1.1	U	1.1	8.2
delta-BHC		1.2	U	1.2	8.2
gamma-BHC (Lindane)		0.95	U	0.95	8.2
Chlordane		18	U	18	82
4,4'-DDD		0.97	U	0.97	8.2
4,4'-DDE		1.6	U	1.6	8.2
4,4'-DDT		1.0	U	1.0	8.2
Dieldrin		1.6	U	1.6	8.2
Endosulfan I		1.7	U	1.7	8.2
Endosulfan II		1.2	U	1.2	8.2
Endosulfan sulfate		1.0	U	1.0	8.2
Endrin		1.1	U	1.1	8.2
Endrin aldehyde		2.0	U	2.0	8.2
Endrin ketone		1.2	U	1.2	8.2
Heptachlor		1.2	U	1.2	8.2
Heptachlor epoxide		1.6	U	1.6	8.2
Methoxychlor		0.91	U	0.91	8.2
Toxaphene		17	U	17	82

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	110		40 - 150
DCB Decachlorobiphenyl	99		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0937			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	106		40 - 150
DCB Decachlorobiphenyl	98		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4

Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0951			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		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	104		40 - 150
DCB Decachlorobiphenyl	105		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4

Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0951			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	103		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1004			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.9	U	1.9	8.5
alpha-BHC		1.6	U	1.6	8.5
beta-BHC		1.1	U	1.1	8.5
delta-BHC		1.3	U	1.3	8.5
gamma-BHC (Lindane)		0.99	U	0.99	8.5
Chlordane		18	U	18	85
4,4'-DDD		1.0	U	1.0	8.5
4,4'-DDE		1.6	U	1.6	8.5
4,4'-DDT		1.1	U	1.1	8.5
Dieldrin		1.6	U	1.6	8.5
Endosulfan I		1.8	U	1.8	8.5
Endosulfan II		1.3	U	1.3	8.5
Endosulfan sulfate		1.1	U	1.1	8.5
Endrin		1.2	U	1.2	8.5
Endrin aldehyde		2.1	U	2.1	8.5
Endrin ketone		1.3	U	1.3	8.5
Heptachlor		1.2	U	1.2	8.5
Heptachlor epoxide		1.7	U	1.7	8.5
Methoxychlor		0.95	U	0.95	8.5
Toxaphene		18	U	18	85

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		40 - 150
DCB Decachlorobiphenyl	87		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1004			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		40 - 150
DCB Decachlorobiphenyl	86		53 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10 | Date Sampled: 06/19/2012 1158
Client Matrix: Solid | % Moisture: 15.7 | Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1018			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	109		40 - 150
DCB Decachlorobiphenyl	96		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1018			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	105		40 - 150
DCB Decachlorobiphenyl	96		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1032			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.3
alpha-BHC		1.4	U	1.4	7.3
beta-BHC		0.99	U	0.99	7.3
delta-BHC		1.1	U	1.1	7.3
gamma-BHC (Lindane)		0.85	U	0.85	7.3
Chlordane		16	U	16	73
4,4'-DDD		0.87	U	0.87	7.3
4,4'-DDE		1.4	U	1.4	7.3
4,4'-DDT		0.92	U	0.92	7.3
Dieldrin		1.4	U	1.4	7.3
Endosulfan I		1.5	U	1.5	7.3
Endosulfan II		1.1	U	1.1	7.3
Endosulfan sulfate		0.94	U	0.94	7.3
Endrin		1.0	U	1.0	7.3
Endrin aldehyde		1.8	U	1.8	7.3
Endrin ketone		1.1	U	1.1	7.3
Heptachlor		1.0	U	1.0	7.3
Heptachlor epoxide		1.5	U	1.5	7.3
Methoxychlor		0.82	U	0.82	7.3
Toxaphene		15	U	15	73

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	110		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1032			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	105		40 - 150
DCB Decachlorobiphenyl	100		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1046			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	103		40 - 150
DCB Decachlorobiphenyl	95		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1046			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		40 - 150
DCB Decachlorobiphenyl	95		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1100			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		0.93	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		0.95	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	108		40 - 150
DCB Decachlorobiphenyl	107		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1100			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	104		40 - 150
DCB Decachlorobiphenyl	107		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8

Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1113			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	91		40 - 150
DCB Decachlorobiphenyl	92		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8

Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1113			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5

Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1127			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	104		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1127			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1141			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		0.92	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	104		40 - 150
DCB Decachlorobiphenyl	102		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1141			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	101		53 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17 | Date Sampled: 06/18/2012 1138
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1155			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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	111		40 - 150
DCB Decachlorobiphenyl	108		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1155			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	107		40 - 150
DCB Decachlorobiphenyl	107		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1209			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.9	U	1.9	8.7
alpha-BHC		1.6	U	1.6	8.7
beta-BHC		1.2	U	1.2	8.7
delta-BHC		1.3	U	1.3	8.7
gamma-BHC (Lindane)		1.0	U	1.0	8.7
Chlordane		19	U	19	87
4,4'-DDD		1.0	U	1.0	8.7
4,4'-DDE		1.7	U	1.7	8.7
4,4'-DDT		1.1	U	1.1	8.7
Dieldrin		1.7	U	1.7	8.7
Endosulfan I		1.8	U	1.8	8.7
Endosulfan II		1.3	U	1.3	8.7
Endosulfan sulfate		1.1	U	1.1	8.7
Endrin		1.2	U	1.2	8.7
Endrin aldehyde		2.2	U	2.2	8.7
Endrin ketone		1.3	U	1.3	8.7
Heptachlor		1.2	U	1.2	8.7
Heptachlor epoxide		1.8	U	1.8	8.7
Methoxychlor		0.98	U	0.98	8.7
Toxaphene		18	U	18	87

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	113		40 - 150
DCB Decachlorobiphenyl	109		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1209			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	109		40 - 150
DCB Decachlorobiphenyl	108		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1222			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		0.97	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	104		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1222			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 150
DCB Decachlorobiphenyl	104		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116910	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1450			Injection Volume:	1 uL
Prep Date:	06/21/2012 0559			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.7	U	1.7	7.7
alpha-BHC		1.4	U	1.4	7.7
beta-BHC		1.0	U	1.0	7.7
delta-BHC		1.2	U	1.2	7.7
gamma-BHC (Lindane)		0.90	U	0.90	7.7
Chlordane		17	U	17	77
4,4'-DDD		0.92	U	0.92	7.7
4,4'-DDE		1.5	U	1.5	7.7
4,4'-DDT		0.96	U	0.96	7.7
Dieldrin		1.5	U	1.5	7.7
Endosulfan I		1.6	U	1.6	7.7
Endosulfan II		1.2	U	1.2	7.7
Endosulfan sulfate		0.99	U	0.99	7.7
Endrin		1.1	U	1.1	7.7
Endrin aldehyde		1.9	U	1.9	7.7
Endrin ketone		1.1	U	1.1	7.7
Heptachlor		1.1	U	1.1	7.7
Heptachlor epoxide		1.5	U	1.5	7.7
Methoxychlor		0.86	U	0.86	7.7
Toxaphene		16	U	16	77

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	87		40 - 150
DCB Decachlorobiphenyl	90		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116910	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1450			Injection Volume:	1 uL
Prep Date:	06/21/2012 0559			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	89		40 - 150
DCB Decachlorobiphenyl	86		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116910	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1504			Injection Volume:	1 uL
Prep Date:	06/21/2012 0559			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		1.6	U	1.6	7.3
alpha-BHC		1.3	U	1.3	7.3
beta-BHC		0.99	U	0.99	7.3
delta-BHC		1.1	U	1.1	7.3
gamma-BHC (Lindane)		0.85	U	0.85	7.3
Chlordane		16	U	16	73
4,4'-DDD		0.87	U	0.87	7.3
4,4'-DDE		1.4	U	1.4	7.3
4,4'-DDT		0.91	U	0.91	7.3
Dieldrin		1.4	U	1.4	7.3
Endosulfan I		1.5	U	1.5	7.3
Endosulfan II		1.1	U	1.1	7.3
Endosulfan sulfate		0.93	U	0.93	7.3
Endrin		1.0	U	1.0	7.3
Endrin aldehyde		1.8	U	1.8	7.3
Endrin ketone		1.1	U	1.1	7.3
Heptachlor		1.0	U	1.0	7.3
Heptachlor epoxide		1.5	U	1.5	7.3
Methoxychlor		0.82	U	0.82	7.3
Toxaphene		15	U	15	73

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	123		40 - 150
DCB Decachlorobiphenyl	126		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116910	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1504			Injection Volume:	1 uL
Prep Date:	06/21/2012 0559			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	126		40 - 150
DCB Decachlorobiphenyl	121		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1236			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			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		0.84	U	0.84	7.5
Toxaphene		16	U	16	75

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	109		40 - 150
DCB Decachlorobiphenyl	106		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8081A TCL Pesticides (OLM04.2)

Analysis Method:	8081A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-116911	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 1236			Injection Volume:	1 uL
Prep Date:	06/21/2012 0624			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	106		40 - 150
DCB Decachlorobiphenyl	106		53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2122			Injection Volume:	
Prep Date:	06/21/2012 0537			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	114		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1

Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2122			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2144			Injection Volume:	
Prep Date:	06/21/2012 0537			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	110		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2
Client Matrix: Solid
% Moisture: 9.6

Date Sampled: 06/18/2012 1040
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2144			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2159			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	77
Aroclor 1221		23	U	23	77
Aroclor 1232		44	U	44	77
Aroclor 1242		15	U	15	77
Aroclor 1248		21	U	21	77
Aroclor 1254		26	U	26	77
Aroclor 1260		8.6	U	8.6	77
Aroclor 1262		13	U	13	77
Aroclor 1268		13	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 06/18/2012 1225
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2159			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2221			Injection Volume:	
Prep Date:	06/21/2012 0537			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	117		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4
Client Matrix: Solid
% Moisture: 11.3

Date Sampled: 06/18/2012 1310
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2221			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5 | Date Sampled: 06/18/2012 1425
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2242			Injection Volume:	
Prep Date:	06/21/2012 0537			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	105		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5
Client Matrix: Solid
% Moisture: 14.9

Date Sampled: 06/18/2012 1425
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2242			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6 | Date Sampled: 06/18/2012 1900
Client Matrix: Solid | % Moisture: 19.2 | Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2303			Injection Volume:	
Prep Date:	06/21/2012 0537			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	98		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 06/18/2012 1900
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2303			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2319			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	81
Aroclor 1221		25	U	25	81
Aroclor 1232		46	U	46	81
Aroclor 1242		15	U	15	81
Aroclor 1248		22	U	22	81
Aroclor 1254		28	U	28	81
Aroclor 1260		9.1	U	9.1	81
Aroclor 1262		14	U	14	81
Aroclor 1268		14	U	14	81

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7
Client Matrix: Solid
% Moisture: 17.8

Date Sampled: 06/19/2012 0850
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2319			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2341			Injection Volume:	
Prep Date:	06/21/2012 0537			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	106		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8
Client Matrix: Solid
% Moisture: 14.4

Date Sampled: 06/19/2012 0935
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2341			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0002			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	85
Aroclor 1221		26	U	26	85
Aroclor 1232		48	U	48	85
Aroclor 1242		16	U	16	85
Aroclor 1248		23	U	23	85
Aroclor 1254		29	U	29	85
Aroclor 1260		9.5	U	9.5	85
Aroclor 1262		15	U	15	85
Aroclor 1268		15	U	15	85

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9
Client Matrix: Solid
% Moisture: 21.1

Date Sampled: 06/19/2012 1045
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0002			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0023			Injection Volume:	
Prep Date:	06/21/2012 0537			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	105		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/19/2012 1158
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0023			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0044			Injection Volume:	
Prep Date:	06/21/2012 0537			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		19	U	19	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	103		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11
Client Matrix: Solid
% Moisture: 8.8

Date Sampled: 06/19/2012 1245
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0044			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0059			Injection Volume:	
Prep Date:	06/21/2012 0537			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	93		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 06/19/2012 1340
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0059			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0121			Injection Volume:	
Prep Date:	06/21/2012 0537			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	115		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 06/19/2012 1440
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0121			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0136			Injection Volume:	
Prep Date:	06/21/2012 0537			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	88		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14
Client Matrix: Solid
% Moisture: 11.8

Date Sampled: 06/19/2012 1537
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0136			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0158			Injection Volume:	
Prep Date:	06/21/2012 0537			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		43	U	43	75
Aroclor 1242		14	U	14	75
Aroclor 1248		20	U	20	75
Aroclor 1254		26	U	26	75
Aroclor 1260		8.4	U	8.4	75
Aroclor 1262		13	U	13	75
Aroclor 1268		13	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0158			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0213			Injection Volume:	
Prep Date:	06/21/2012 0537			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	99		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16
Client Matrix: Solid
% Moisture: 6.7

Date Sampled: 06/18/2012 1125
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0213			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17 | Date Sampled: 06/18/2012 1138
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0234			Injection Volume:	
Prep Date:	06/21/2012 0537			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	117		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/18/2012 1138
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0234			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0256			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	87
Aroclor 1221		26	U	26	87
Aroclor 1232		49	U	49	87
Aroclor 1242		17	U	17	87
Aroclor 1248		23	U	23	87
Aroclor 1254		30	U	30	87
Aroclor 1260		9.7	U	9.7	87
Aroclor 1262		15	U	15	87
Aroclor 1268		15	U	15	87

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19
Client Matrix: Solid
% Moisture: 23.2

Date Sampled: 06/18/2012 1415
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0256			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0311			Injection Volume:	
Prep Date:	06/21/2012 0537			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	102		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 06/19/2012 1030
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0311			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21 | Date Sampled: 06/19/2012 1425
Client Matrix: Solid | % Moisture: 13.0 | Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-116909	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1946			Injection Volume:	
Prep Date:	06/21/2012 0551			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	77
Aroclor 1221		23	U	23	77
Aroclor 1232		44	U	44	77
Aroclor 1242		15	U	15	77
Aroclor 1248		20	U	20	77
Aroclor 1254		26	U	26	77
Aroclor 1260		8.6	U	8.6	77
Aroclor 1262		13	U	13	77
Aroclor 1268		13	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 06/19/2012 1425
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-116909	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 1946			Injection Volume:	
Prep Date:	06/21/2012 0551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-116909	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2034			Injection Volume:	
Prep Date:	06/21/2012 0551			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		41	U	41	73
Aroclor 1242		14	U	14	73
Aroclor 1248		19	U	19	73
Aroclor 1254		25	U	25	73
Aroclor 1260		8.1	U	8.1	73
Aroclor 1262		12	U	12	73
Aroclor 1268		12	U	12	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22
Client Matrix: Solid
% Moisture: 8.2

Date Sampled: 06/19/2012 1530
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-116909	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/21/2012 2034			Injection Volume:	
Prep Date:	06/21/2012 0551			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0332			Injection Volume:	
Prep Date:	06/21/2012 0537			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	111		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4

Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

8082 PCBs

Analysis Method:	8082	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-116907	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/22/2012 0332			Injection Volume:	
Prep Date:	06/21/2012 0537			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 06/18/2012 0940
Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	06/25/2012 2245			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1060		19.3	42.3
Antimony		1.3	U	1.3	2.1
Arsenic		0.99	U	0.99	1.1
Barium		24.3	J	1.2	42.3
Beryllium		0.15	U	0.15	0.42
Cadmium		0.25	J	0.16	1.1
Calcium		204	J	74.9	1060
Chromium		5.9		0.91	2.1
Cobalt		0.90	U	0.90	10.6
Copper		8.9		2.1	5.3
Iron		2520		12.8	31.7
Lead		6.1		0.91	1.1
Magnesium		470	J	76.2	1060
Manganese		32.3		0.93	3.2
Nickel		2.9	J	0.93	8.5
Potassium		146	J	113	1060
Selenium		1.4	U	1.4	2.1
Silver		0.80	J	0.21	2.1
Sodium		167	U	167	1060
Thallium		1.2	U	1.2	2.1
Vanadium		2.6	J	0.81	10.6
Zinc		18.1		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2114			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.084		0.026	0.038

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2 | Date Sampled: 06/18/2012 1040
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/25/2012 2224			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11500		19.4	42.5
Antimony		1.3	U	1.3	2.1
Arsenic		1.0	U	1.0	1.1
Barium		86.5		1.2	42.5
Beryllium		0.15	U	0.15	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		1330		75.3	1060
Chromium		28.4		0.91	2.1
Cobalt		7.4	J	0.91	10.6
Copper		13.1		2.1	5.3
Iron		21100		12.9	31.9
Lead		5.0		0.91	1.1
Magnesium		4220		76.6	1060
Manganese		210		0.94	3.2
Nickel		18.3		0.94	8.5
Potassium		3350		114	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		37.9		0.82	10.6
Zinc		46.8		1.1	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/20/2012 2116			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

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: 460-41492-1

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3 | Date Sampled: 06/18/2012 1225
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	06/25/2012 2227			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8420		21.0	46.3
Antimony		1.4	U	1.4	2.3
Arsenic		1.9		1.1	1.2
Barium		71.9		1.3	46.3
Beryllium		0.17	U	0.17	0.46
Cadmium		0.17	U	0.17	1.2
Calcium		1540		81.9	1160
Chromium		22.3		0.99	2.3
Cobalt		6.3	J	0.99	11.6
Copper		25.3		2.2	5.8
Iron		15900		14.0	34.7
Lead		10.8		0.99	1.2
Magnesium		3800		83.3	1160
Manganese		182		1.0	3.5
Nickel		13.5		1.0	9.3
Potassium		1830		124	1160
Selenium		1.5	U	1.5	2.3
Silver		0.23	U	0.23	2.3
Sodium		183	U	183	1160
Thallium		1.3	U	1.3	2.3
Vanadium		26.3		0.89	11.6
Zinc		63.5		1.2	6.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	06/20/2012 2119			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.030	J	0.023	0.035

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4 | Date Sampled: 06/18/2012 1310
Client Matrix: Solid | % Moisture: 11.3 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2231			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9960		19.5	42.9
Antimony		1.3	U	1.3	2.1
Arsenic		2.3		1.0	1.1
Barium		85.3		1.2	42.9
Beryllium		0.24	J	0.15	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		1710		76.0	1070
Chromium		22.9		0.92	2.1
Cobalt		8.4	J	0.91	10.7
Copper		18.3		2.1	5.4
Iron		16400		13.0	32.2
Lead		10.2		0.92	1.1
Magnesium		3320		77.3	1070
Manganese		452		0.94	3.2
Nickel		13.4		0.94	8.6
Potassium		1490		115	1070
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		170	U	170	1070
Thallium		1.2	U	1.2	2.1
Vanadium		27.9		0.82	10.7
Zinc		48.5		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	06/20/2012 2121			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

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: 460-41492-1

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5 | Date Sampled: 06/18/2012 1425
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/25/2012 2235			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		17600		19.1	42.0
Antimony		1.3	U	1.3	2.1
Arsenic		3.5		0.99	1.0
Barium		132		1.2	42.0
Beryllium		0.23	J	0.15	0.42
Cadmium		0.16	U	0.16	1.0
Calcium		1400		74.3	1050
Chromium		33.0		0.90	2.1
Cobalt		13.1		0.89	10.5
Copper		36.9		2.0	5.2
Iron		30400		12.7	31.5
Lead		12.2		0.90	1.0
Magnesium		6670		75.5	1050
Manganese		532		0.92	3.1
Nickel		27.2		0.92	8.4
Potassium		3870		112	1050
Selenium		1.4	U	1.4	2.1
Silver		0.41	J	0.21	2.1
Sodium		166	U	166	1050
Thallium		1.2	U	1.2	2.1
Vanadium		41.6		0.81	10.5
Zinc		98.7		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2012 2123			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.17		0.023	0.035

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6 | Date Sampled: 06/18/2012 1900
Client Matrix: Solid | % Moisture: 19.2 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/25/2012 2238			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		15800		20.1	44.2
Antimony		1.4	U	1.4	2.2
Arsenic		2.9		1.0	1.1
Barium		106		1.3	44.2
Beryllium		0.24	J	0.16	0.44
Cadmium		0.16	U	0.16	1.1
Calcium		1910		78.2	1100
Chromium		42.8		0.95	2.2
Cobalt		11.4		0.94	11.0
Copper		29.9		2.1	5.5
Iron		30200		13.4	33.1
Lead		7.7		0.95	1.1
Magnesium		6010		79.5	1100
Manganese		317		0.97	3.3
Nickel		23.4		0.97	8.8
Potassium		1180		118	1100
Selenium		1.5	U	1.5	2.2
Silver		0.22	U	0.22	2.2
Sodium		175	U	175	1100
Thallium		1.2	U	1.2	2.2
Vanadium		50.2		0.85	11.0
Zinc		66.7		1.2	6.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/20/2012 2125			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	U	0.024	0.037

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7 | Date Sampled: 06/19/2012 0850
Client Matrix: Solid | % Moisture: 17.8 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	06/25/2012 2242			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		15100		21.7	47.7
Antimony		1.5	U	1.5	2.4
Arsenic		2.1		1.1	1.2
Barium		78.9		1.4	47.7
Beryllium		0.26	J	0.17	0.48
Cadmium		0.18	U	0.18	1.2
Calcium		1260		84.5	1190
Chromium		28.6		1.0	2.4
Cobalt		8.0	J	1.0	11.9
Copper		17.4		2.3	6.0
Iron		22700		14.4	35.8
Lead		7.2		1.0	1.2
Magnesium		4810		85.9	1190
Manganese		266		1.0	3.6
Nickel		18.9		1.0	9.5
Potassium		1660		128	1190
Selenium		1.6	U	1.6	2.4
Silver		0.24	U	0.24	2.4
Sodium		189	U	189	1190
Thallium		1.3	U	1.3	2.4
Vanadium		36.6		0.92	11.9
Zinc		46.9		1.3	7.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/20/2012 2126			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

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: 460-41492-1

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8 | Date Sampled: 06/19/2012 0935
Client Matrix: Solid | % Moisture: 14.4 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2152			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8690		20.2	44.5
Antimony		1.4	U	1.4	2.2
Arsenic		1.6		1.0	1.1
Barium		87.1		1.3	44.5
Beryllium		0.16	U	0.16	0.44
Cadmium		0.16	U	0.16	1.1
Calcium		1930		78.7	1110
Chromium		24.1		0.96	2.2
Cobalt		6.5	J	0.95	11.1
Copper		20.6		2.2	5.6
Iron		13600		13.5	33.4
Lead		5.4		0.96	1.1
Magnesium		3780		80.1	1110
Manganese		172		0.98	3.3
Nickel		18.0		0.98	8.9
Potassium		1820		119	1110
Selenium		1.5	U	1.5	2.2
Silver		0.22	U	0.22	2.2
Sodium		176	U	176	1110
Thallium		1.3	U	1.3	2.2
Vanadium		24.9		0.85	11.1
Zinc		35.6		1.2	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2052			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.026	U	0.026	0.039

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9 | Date Sampled: 06/19/2012 1045
Client Matrix: Solid | % Moisture: 21.1 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.13 g
Analysis Date:	06/25/2012 2249			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		17500		20.4	44.8
Antimony		1.4	U	1.4	2.2
Arsenic		3.0		1.1	1.1
Barium		74.7		1.3	44.8
Beryllium		0.34	J	0.16	0.45
Cadmium		0.17	U	0.17	1.1
Calcium		1590		79.4	1120
Chromium		42.1		0.96	2.2
Cobalt		9.1	J	0.96	11.2
Copper		34.9		2.2	5.6
Iron		23800		13.6	33.6
Lead		10.4		0.96	1.1
Magnesium		4740		80.7	1120
Manganese		232		0.99	3.4
Nickel		20.6		0.99	9.0
Potassium		1020	J	120	1120
Selenium		1.5	U	1.5	2.2
Silver		0.22	U	0.22	2.2
Sodium		177	U	177	1120
Thallium		1.3	U	1.3	2.2
Vanadium		44.7		0.86	11.2
Zinc		67.2		1.2	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	06/20/2012 2128			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.046		0.027	0.041

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10 | Date Sampled: 06/19/2012 1158
Client Matrix: Solid | % Moisture: 15.7 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/25/2012 2253			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		14600		19.3	42.4
Antimony		1.3	U	1.3	2.1
Arsenic		3.1		1.0	1.1
Barium		78.5		1.2	42.4
Beryllium		0.22	J	0.15	0.42
Cadmium		0.16	U	0.16	1.1
Calcium		1290		75.0	1060
Chromium		34.5		0.91	2.1
Cobalt		10	J	0.90	10.6
Copper		36.0		2.1	5.3
Iron		28800		12.8	31.8
Lead		10.1		0.91	1.1
Magnesium		5270		76.3	1060
Manganese		344		0.93	3.2
Nickel		20.1		0.93	8.5
Potassium		2060		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		44.2		0.81	10.6
Zinc		56.6		1.1	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2012 2130			Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				

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: 460-41492-1

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11 | Date Sampled: 06/19/2012 1245
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	06/25/2012 2303			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		12600		18.3	40.2
Antimony		1.2	U	1.2	2.0
Arsenic		2.0		0.95	1.0
Barium		99.3		1.1	40.2
Beryllium		0.22	J	0.14	0.40
Cadmium		0.15	U	0.15	1.0
Calcium		1320		71.2	1010
Chromium		24.9		0.86	2.0
Cobalt		7.5	J	0.86	10.1
Copper		18.6		2.0	5.0
Iron		19400		12.2	30.2
Lead		6.4		0.86	1.0
Magnesium		3960		72.4	1010
Manganese		280		0.88	3.0
Nickel		16.4		0.88	8.0
Potassium		2360		108	1010
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		159	U	159	1010
Thallium		1.1	U	1.1	2.0
Vanadium		33.4		0.77	10.1
Zinc		44.9		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1422			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

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: 460-41492-1

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12 | Date Sampled: 06/19/2012 1340
Client Matrix: Solid | % Moisture: 13.9 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	06/25/2012 2307			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		944		20.3	44.7
Antimony		1.4	U	1.4	2.2
Arsenic		1.1	U	1.1	1.1
Barium		17.2	J	1.3	44.7
Beryllium		0.16	U	0.16	0.45
Cadmium		0.69	J	0.17	1.1
Calcium		253	J	79.1	1120
Chromium		4.8		0.96	2.2
Cobalt		0.95	U	0.95	11.2
Copper		5.2	J	2.2	5.6
Iron		2790		13.5	33.5
Lead		4.1		0.96	1.1
Magnesium		399	J	80.4	1120
Manganese		33.9		0.98	3.4
Nickel		2.0	J	0.98	8.9
Potassium		120	U	120	1120
Selenium		1.5	U	1.5	2.2
Silver		0.29	J	0.22	2.2
Sodium		177	U	177	1120
Thallium		1.3	U	1.3	2.2
Vanadium		2.7	J	0.86	11.2
Zinc		21.2		1.2	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.71 g
Analysis Date:	06/21/2012 1424			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.030	J	0.022	0.032

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13 | Date Sampled: 06/19/2012 1440
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	06/25/2012 2310			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7850		18.3	40.3
Antimony		1.2	U	1.2	2.0
Arsenic		1.3		0.95	1.0
Barium		91.1		1.1	40.3
Beryllium		0.14	J	0.14	0.40
Cadmium		0.15	U	0.15	1.0
Calcium		2240		71.3	1010
Chromium		20.0		0.87	2.0
Cobalt		5.9	J	0.86	10.1
Copper		16.7		2.0	5.0
Iron		13600		12.2	30.2
Lead		4.4		0.87	1.0
Magnesium		3160		72.5	1010
Manganese		214		0.89	3.0
Nickel		12.6		0.89	8.1
Potassium		2130		108	1010
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		159	U	159	1010
Thallium		1.1	U	1.1	2.0
Vanadium		25.4		0.77	10.1
Zinc		31.7		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/21/2012 1429			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

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: 460-41492-1

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14 | Date Sampled: 06/19/2012 1537
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	06/25/2012 2314			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11100		20.2	44.4
Antimony		1.4	U	1.4	2.2
Arsenic		1.8		1.0	1.1
Barium		108		1.3	44.4
Beryllium		0.16	U	0.16	0.44
Cadmium		0.16	U	0.16	1.1
Calcium		2040		78.7	1110
Chromium		24.5		0.96	2.2
Cobalt		8.3	J	0.95	11.1
Copper		30.9		2.2	5.6
Iron		19300		13.4	33.3
Lead		6.4		0.96	1.1
Magnesium		4530		80.0	1110
Manganese		329		0.98	3.3
Nickel		18.2		0.98	8.9
Potassium		3170		119	1110
Selenium		1.5	U	1.5	2.2
Silver		0.22	U	0.22	2.2
Sodium		176	U	176	1110
Thallium		1.3	U	1.3	2.2
Vanadium		31.8		0.85	11.1
Zinc		53.3		1.2	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/21/2012 1431			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.043		0.022	0.033

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 06/18/2012 0000
Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.08 g
Analysis Date:	06/25/2012 2318			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8450		19.1	41.9
Antimony		1.3	U	1.3	2.1
Arsenic		2.7		0.98	1.0
Barium		66.9		1.2	41.9
Beryllium		0.17	J	0.15	0.42
Cadmium		0.15	U	0.15	1.0
Calcium		1460		74.1	1050
Chromium		21.3		0.90	2.1
Cobalt		6.3	J	0.89	10.5
Copper		28.9		2.0	5.2
Iron		19100		12.7	31.4
Lead		11.0		0.90	1.0
Magnesium		3740		75.4	1050
Manganese		204		0.92	3.1
Nickel		15.0		0.92	8.4
Potassium		1500		112	1050
Selenium		1.4	U	1.4	2.1
Silver		0.21	J	0.21	2.1
Sodium		165	U	165	1050
Thallium		1.2	U	1.2	2.1
Vanadium		24.7		0.80	10.5
Zinc		76.3		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	06/21/2012 1433			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.13		0.022	0.033

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16 | Date Sampled: 06/18/2012 1125
Client Matrix: Solid | % Moisture: 6.7 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.11 g
Analysis Date:	06/25/2012 2321			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7800		17.6	38.6
Antimony		1.2	U	1.2	1.9
Arsenic		1.3		0.91	0.97
Barium		74.0		1.1	38.6
Beryllium		0.14	U	0.14	0.39
Cadmium		0.14	U	0.14	0.97
Calcium		1610		68.4	966
Chromium		17.5		0.83	1.9
Cobalt		6.2	J	0.82	9.7
Copper		16.0		1.9	4.8
Iron		13800		11.7	29.0
Lead		6.6		0.83	0.97
Magnesium		3570		69.5	966
Manganese		246		0.85	2.9
Nickel		14.2		0.85	7.7
Potassium		2050		103	966
Selenium		1.3	U	1.3	1.9
Silver		0.19	U	0.19	1.9
Sodium		153	U	153	966
Thallium		1.1	U	1.1	1.9
Vanadium		20.9		0.74	9.7
Zinc		34.9		1.0	5.8

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1435			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.040		0.024	0.035

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: F-2

Lab Sample ID: 460-41492-17 | Date Sampled: 06/18/2012 1138
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.08 g
Analysis Date:	06/25/2012 2325			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8340		19.1	41.9
Antimony		1.3	U	1.3	2.1
Arsenic		1.5		0.99	1.0
Barium		157		1.2	41.9
Beryllium		0.15	U	0.15	0.42
Cadmium		0.16	U	0.16	1.0
Calcium		2020		74.2	1050
Chromium		21.1		0.90	2.1
Cobalt		6.1	J	0.89	10.5
Copper		232		2.0	5.2
Iron		15900		12.7	31.5
Lead		38.1		0.90	1.0
Magnesium		4600		75.5	1050
Manganese		221		0.92	3.1
Nickel		13.5		0.92	8.4
Potassium		3650		112	1050
Selenium		1.4	U	1.4	2.1
Silver		0.50	J	0.21	2.1
Sodium		166	U	166	1050
Thallium		1.2	U	1.2	2.1
Vanadium		26.4		0.81	10.5
Zinc		117		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.70 g
Analysis Date:	06/21/2012 1436			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.4		0.021	0.032

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-3**

Lab Sample ID: 460-41492-18 | Date Sampled: 06/18/2012 1143
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117594	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	06/26/2012 1713			Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6510		17.8	39.1
Antimony		1.2	U	1.2	2.0
Arsenic		1.5		0.92	0.98
Barium		86.7		1.1	39.1
Beryllium		0.14	U	0.14	0.39
Cadmium		0.21	J	0.14	0.98
Calcium		1420		69.3	979
Chromium		14.1		0.84	2.0
Cobalt		4.1	J	0.83	9.8
Copper		35.4		1.9	4.9
Iron		12300		11.8	29.4
Lead		93.6		0.84	0.98
Magnesium		2900		70.5	979
Manganese		213		0.86	2.9
Nickel		10.2		0.86	7.8
Potassium		1280		105	979
Selenium		1.3	U	1.3	2.0
Silver		2.3		0.20	2.0
Sodium		155	U	155	979
Thallium		1.1	U	1.1	2.0
Vanadium		17.5		0.75	9.8
Zinc		80.2		1.1	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	06/21/2012 1439			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.6		0.022	0.033

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19 | Date Sampled: 06/18/2012 1415
Client Matrix: Solid | % Moisture: 23.2 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117430	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	06/25/2012 2206			Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		16200		23.2	51.0
Antimony		1.6	U	1.6	2.6
Arsenic		3.4		1.2	1.3
Barium		129		1.5	51.0
Beryllium		0.26	J	0.18	0.51
Cadmium		0.19	U	0.19	1.3
Calcium		1730		90.3	1280
Chromium		32.5		1.1	2.6
Cobalt		11.3	J	1.1	12.8
Copper		39.0		2.5	6.4
Iron		26100		15.4	38.3
Lead		33.1		1.1	1.3
Magnesium		5430		91.9	1280
Manganese		532		1.1	3.8
Nickel		23.9		1.1	10.2
Potassium		2740		137	1280
Selenium		1.7	U	1.7	2.6
Silver		0.82	J	0.26	2.6
Sodium		202	U	202	1280
Thallium		1.4	U	1.4	2.6
Vanadium		41.1		0.98	12.8
Zinc		155		1.4	7.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	06/21/2012 1442			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.71		0.025	0.038

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20 | Date Sampled: 06/19/2012 1030
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117594	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	06/26/2012 1731			Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10800		19.4	42.7
Antimony		1.3	U	1.3	2.1
Arsenic		1.9		1.0	1.1
Barium		89.4		1.2	42.7
Beryllium		0.16	J	0.15	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		1540		75.7	1070
Chromium		22.3		0.92	2.1
Cobalt		8.4	J	0.91	10.7
Copper		18.1		2.1	5.3
Iron		18000		12.9	32.1
Lead		6.7		0.92	1.1
Magnesium		4360		76.9	1070
Manganese		327		0.94	3.2
Nickel		18.7		0.94	8.5
Potassium		2360		114	1070
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		169	U	169	1070
Thallium		1.2	U	1.2	2.1
Vanadium		27.0		0.82	10.7
Zinc		42.0		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/21/2012 1444			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

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: 460-41492-1

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21 | Date Sampled: 06/19/2012 1425
Client Matrix: Solid | % Moisture: 13.0 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117594	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	06/26/2012 1659			Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7610		19.6	43.0
Antimony		1.3	U	1.3	2.1
Arsenic		1.4		1.0	1.1
Barium		54.2		1.2	43.0
Beryllium		0.15	U	0.15	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		1510		76.1	1070
Chromium		15.4		0.92	2.1
Cobalt		5.5	J	0.92	10.7
Copper		13.4		2.1	5.4
Iron		12300		13.0	32.2
Lead		4.5		0.92	1.1
Magnesium		3030		77.4	1070
Manganese		222		0.95	3.2
Nickel		12.5		0.95	8.6
Potassium		1390		115	1070
Selenium		1.4	U	1.4	2.1
Silver		0.21	U	0.21	2.1
Sodium		170	U	170	1070
Thallium		1.2	U	1.2	2.1
Vanadium		18.0		0.83	10.7
Zinc		27.3		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1412			Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	U	0.025	0.038

Client: Carlin, Simpson and Associates | Job Number: 460-41492-1

Client Sample ID: F-7

Lab Sample ID: 460-41492-22 | Date Sampled: 06/19/2012 1530
Client Matrix: Solid | % Moisture: 8.2 | Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117594	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	06/26/2012 1735			Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7940		18.0	39.6
Antimony		1.2	U	1.2	2.0
Arsenic		1.7		0.93	0.99
Barium		61.5		1.1	39.6
Beryllium		0.14	U	0.14	0.40
Cadmium		0.15	U	0.15	0.99
Calcium		2100		70.1	991
Chromium		16.2		0.85	2.0
Cobalt		5.7	J	0.84	9.9
Copper		17.4		1.9	5.0
Iron		13400		12.0	29.7
Lead		6.6		0.85	0.99
Magnesium		3300		71.3	991
Manganese		262		0.87	3.0
Nickel		12.6		0.87	7.9
Potassium		1540		106	991
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		157	U	157	991
Thallium		1.1	U	1.1	2.0
Vanadium		20.0		0.76	9.9
Zinc		32.4		1.1	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	06/22/2012 1516			Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J	0.021	0.032

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23
Client Matrix: Solid
% Moisture: 10.4
Date Sampled: 06/19/2012 0000
Date Received: 06/19/2012 1755

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-117594	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.14 g
Analysis Date:	06/26/2012 1739			Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9750		17.8	39.2
Antimony		1.2	U	1.2	2.0
Arsenic		2.1		0.92	0.98
Barium		78.2		1.1	39.2
Beryllium		0.16	J	0.14	0.39
Cadmium		0.14	U	0.14	0.98
Calcium		1610		69.3	979
Chromium		21.3		0.84	2.0
Cobalt		7.4	J	0.83	9.8
Copper		16.8		1.9	4.9
Iron		17000		11.8	29.4
Lead		6.5		0.84	0.98
Magnesium		4050		70.5	979
Manganese		324		0.86	2.9
Nickel		16.3		0.86	7.8
Potassium		2170		105	979
Selenium		1.3	U	1.3	2.0
Silver		0.20	U	0.20	2.0
Sodium		155	U	155	979
Thallium		1.1	U	1.1	2.0
Vanadium		25.4		0.75	9.8
Zinc		37.7		1.1	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Prep Method:	7471A	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	06/22/2012 1518			Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	U	0.022	0.032

General Chemistry

Client Sample ID: **SF-1**

Lab Sample ID: 460-41492-1 Date Sampled: 06/18/2012 0940

Client Matrix: Solid % Moisture: 14.1 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118081	Analysis Date: 06/29/2012 1539						DryWt Corrected: Y
Prep Batch: 460-118019	Prep Date: 06/29/2012 0930						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-2**

Lab Sample ID: 460-41492-2 Date Sampled: 06/18/2012 1040
Client Matrix: Solid % Moisture: 9.6 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.55	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1402						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	90.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-3**

Lab Sample ID: 460-41492-3 Date Sampled: 06/18/2012 1225

Client Matrix: Solid % Moisture: 13.5 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.062	U	mg/Kg	0.062	0.58	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1403						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	86.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-4**

Lab Sample ID: 460-41492-4 Date Sampled: 06/18/2012 1310

Client Matrix: Solid % Moisture: 11.3 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.56	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1404						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	88.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-5**

Lab Sample ID: 460-41492-5 Date Sampled: 06/18/2012 1425

Client Matrix: Solid % Moisture: 14.9 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.59	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1406						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	85.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-6**

Lab Sample ID: 460-41492-6 Date Sampled: 06/18/2012 1900
Client Matrix: Solid % Moisture: 19.2 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.067	U	mg/Kg	0.067	0.62	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1407						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	80.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-7**

Lab Sample ID: 460-41492-7 Date Sampled: 06/19/2012 0850

Client Matrix: Solid % Moisture: 17.8 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.066	U	mg/Kg	0.066	0.61	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1446						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	82.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-8**

Lab Sample ID: 460-41492-8 Date Sampled: 06/19/2012 0935
Client Matrix: Solid % Moisture: 14.4 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1444						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	85.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-9**

Lab Sample ID: 460-41492-9 Date Sampled: 06/19/2012 1045
Client Matrix: Solid % Moisture: 21.1 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.068	U	mg/Kg	0.068	0.63	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1449						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	78.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-10**

Lab Sample ID: 460-41492-10 Date Sampled: 06/19/2012 1158
Client Matrix: Solid % Moisture: 15.7 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.064	U	mg/Kg	0.064	0.59	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1450						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	84.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-11**

Lab Sample ID: 460-41492-11 Date Sampled: 06/19/2012 1245
Client Matrix: Solid % Moisture: 8.8 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.059	U	mg/Kg	0.059	0.55	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1451						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	91.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-12**

Lab Sample ID: 460-41492-12 Date Sampled: 06/19/2012 1340
Client Matrix: Solid % Moisture: 13.9 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.063	U	mg/Kg	0.063	0.58	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1452						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	86.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-13**

Lab Sample ID: 460-41492-13 Date Sampled: 06/19/2012 1440
Client Matrix: Solid % Moisture: 9.7 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.55	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1454						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	90.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **SF-14**

Lab Sample ID: 460-41492-14 Date Sampled: 06/19/2012 1537
Client Matrix: Solid % Moisture: 11.8 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1455						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	88.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **FD-C**

Lab Sample ID: 460-41492-15 Date Sampled: 06/18/2012 0000

Client Matrix: Solid % Moisture: 11.5 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1408						DryWt Corrected: Y
Prep Batch: 460-118125	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	88.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-1**

Lab Sample ID: 460-41492-16 Date Sampled: 06/18/2012 1125

Client Matrix: Solid % Moisture: 6.7 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.058	U	mg/Kg	0.058	0.54	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1344						DryWt Corrected: Y
Prep Batch: 460-118127	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	93.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-2**

Lab Sample ID: 460-41492-17 Date Sampled: 06/18/2012 1138
Client Matrix: Solid % Moisture: 11.7 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1345						DryWt Corrected: Y
Prep Batch: 460-118127	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-3**

Lab Sample ID: 460-41492-18 Date Sampled: 06/18/2012 1143

Client Matrix: Solid % Moisture: 7.1 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.058	U	mg/Kg	0.058	0.54	1.0	9012A
Analysis Batch: 460-118146	Analysis Date: 06/30/2012 1348						DryWt Corrected: Y
Prep Batch: 460-118127	Prep Date: 06/30/2012 0630						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117685	Analysis Date: 06/27/2012 1429						DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117685	Analysis Date: 06/27/2012 1429						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-4**

Lab Sample ID: 460-41492-19 Date Sampled: 06/18/2012 1415

Client Matrix: Solid % Moisture: 23.2 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.070	U	mg/Kg	0.070	0.65	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1456						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	76.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-5**

Lab Sample ID: 460-41492-20 Date Sampled: 06/19/2012 1030
Client Matrix: Solid % Moisture: 11.7 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.061	U	mg/Kg	0.061	0.57	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1457						DryWt Corrected: Y
Prep Batch: 460-118142	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-117016	Analysis Date: 06/21/2012 1437						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-6**

Lab Sample ID: 460-41492-21 Date Sampled: 06/19/2012 1425
Client Matrix: Solid % Moisture: 13.0 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.19	J	mg/Kg	0.062	0.57	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1506						DryWt Corrected: Y
Prep Batch: 460-118143	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-7**

Lab Sample ID: 460-41492-22 Date Sampled: 06/19/2012 1530
Client Matrix: Solid % Moisture: 8.2 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.059	U	mg/Kg	0.059	0.54	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1507						DryWt Corrected: Y
Prep Batch: 460-118143	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	91.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

General Chemistry

Client Sample ID: **FD-D**

Lab Sample ID: 460-41492-23 Date Sampled: 06/19/2012 0000
Client Matrix: Solid % Moisture: 10.4 Date Received: 06/19/2012 1755

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.060	U	mg/Kg	0.060	0.56	1.0	9012A
Analysis Batch: 460-118149	Analysis Date: 06/30/2012 1508						DryWt Corrected: Y
Prep Batch: 460-118143	Prep Date: 06/30/2012 1215						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-116996	Analysis Date: 06/21/2012 1329						DryWt Corrected: N

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Surrogate Recovery Report

8260B TCL VOA + 10

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-41492-1	SF-1	83	91	90
460-41492-2	SF-2	83	87	86
460-41492-3	SF-3	91	99	99
460-41492-4	SF-4	87	89	88
460-41492-5	SF-5	84	89	88
460-41492-6	SF-6	84	87	85
460-41492-7	SF-7	87	91	91
460-41492-8	SF-8	92	96	97
460-41492-9	SF-9	83	85	85
460-41492-10	SF-10	97	102	101
460-41492-11	SF-11	96	100	99
460-41492-12	SF-12	85	88	86
460-41492-13	SF-13	90	91	91
460-41492-14	SF-14	85	89	85
460-41492-15	FD-C	89	92	92
460-41492-16	F-1	93	98	95
460-41492-17	F-2	88	90	87
460-41492-19	F-4	93	93	91
460-41492-20	F-5	90	96	93
460-41492-21	F-6	105	98	100
460-41492-22	F-7	88	84	83
460-41492-23	FD-D	93	93	91
MB 460-117294/5		90	89	89
MB 460-117463/5		93	91	90
MB 460-117746/5		120	98	100
LB3 460-116713/1-A		82	82	85
LCS 460-117294/3		91	90	91
LCS 460-117463/3		90	85	86
LCS 460-117746/3		103	97	100

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: 460-41492-1

Surrogate Recovery Report

8260B TCL VOA + 10

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
LCSD 460-117463/4		88	89	88
460-41492-8 MS	SF-8 MS	88	95	95
460-41492-21 MS	F-6 MS	104	96	103
460-41492-8 MSD	SF-8 MSD	81	91	90
460-41492-21 MSD	F-6 MSD	100	97	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: 460-41492-1

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
460-41492-1	SF-1	78	89	55	60	55	92
460-41492-2	SF-2	86	91	66	67	63	87
460-41492-3	SF-3	95	98	77	73	65	90
460-41492-4	SF-4	90	95	69	77	78	90
460-41492-5	SF-5	89	98	66	62	76	79
460-41492-6	SF-6	83	98	69	69	73	96
460-41492-7	SF-7	83	95	68	64	70	93
460-41492-8	SF-8	95	98	67	63	68	89
460-41492-9	SF-9	83	88	70	71	73	88
460-41492-10	SF-10	86	94	63	68	76	86
460-41492-11	SF-11	77	84	59	64	67	76
460-41492-12	SF-12	79	96	55	64	71	87
460-41492-13	SF-13	74	89	54	53	71	86
460-41492-14	SF-14	62	74	46	49	64	86
460-41492-15	FD-C	54	62	45	44	60	95
460-41492-16	F-1	55	72	44	41	58	88
460-41492-17	F-2	67	75	55	51	42	81
460-41492-19	F-4	83	95	63	68	50	93
460-41492-20	F-5	82	92	61	63	53	91
460-41492-21	F-6	63	66	62	60	54	74
460-41492-22	F-7	55	63	41	42	43	63
460-41492-23	FD-D	61	65	61	60	38	88
MB 460-116951/1-A		98	96	80	84	75	83
MB 460-116952/1-A		76	75	81	78	70	83
LCS 460-116951/2-A		81	82	69	69	72	73
LCS 460-116952/2-A		65	65	70	71	68	67
460-41492-8 MS	SF-8 MS	96	101	79	79	79	88
460-41492-21 MS	F-6 MS	70	74	70	74	63	78
460-41492-8 MSD	SF-8 MSD	83	87	72	69	67	76

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: 460-41492-1

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
460-41492-21 MSD	F-6 MSD	73	80	71	74	68	85

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: 460-41492-1

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
460-41492-1	SF-1	103	108	101	104
460-41492-2	SF-2	104	109	101	104
460-41492-3	SF-3	101	106	101	103
460-41492-4	SF-4	108	113	106	106
460-41492-5	SF-5	100	105	98	94
460-41492-6	SF-6	104	108	97	98
460-41492-7	SF-7	106	110	98	99
460-41492-8	SF-8	101	104	103	105
460-41492-9	SF-9	95	98	87	86
460-41492-10	SF-10	105	109	96	96
460-41492-11	SF-11	105	110	100	101
460-41492-12	SF-12	100	103	95	95
460-41492-13	SF-13	104	108	107	107
460-41492-14	SF-14	89	91	92	92
460-41492-15	FD-C	101	104	101	101
460-41492-16	F-1	101	104	101	102
460-41492-17	F-2	107	111	107	108
460-41492-19	F-4	109	113	108	109
460-41492-20	F-5	101	104	104	104
460-41492-21	F-6	87	89	90	86
460-41492-22	F-7	123	126	126	121
460-41492-23	FD-D	106	109	106	106
MB 460-116910/1-A		128	129	129	125
MB 460-116911/1-A		113	119	115	116
LCS 460-116910/2-A		148	139	136	129
LCS 460-116911/2-A		146	128	119	119
460-41492-8 MS	SF-8 MS	133	125	108	110
460-41492-21 MS	F-6 MS	140	126	126	120
460-41492-8 MSD	SF-8 MSD	135	125	106	107

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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
460-41492-21 MSD	F-6 MSD	148	137	130	124

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Surrogate Recovery Report

8082 PCBs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-41492-1	SF-1	105	114
460-41492-2	SF-2	95	110
460-41492-3	SF-3	104	114
460-41492-4	SF-4	108	117
460-41492-5	SF-5	103	105
460-41492-6	SF-6	98	98
460-41492-7	SF-7	96	96
460-41492-8	SF-8	99	106
460-41492-9	SF-9	77	79
460-41492-10	SF-10	96	105
460-41492-11	SF-11	102	103
460-41492-12	SF-12	90	93
460-41492-13	SF-13	109	115
460-41492-14	SF-14	87	88
460-41492-15	FD-C	102	106
460-41492-16	F-1	97	99
460-41492-17	F-2	111	117
460-41492-19	F-4	112	116
460-41492-20	F-5	102	102
460-41492-21	F-6	85	89
460-41492-22	F-7	125	132
460-41492-23	FD-D	106	111
MB 460-116907/1-A		72	71
MB 460-116909/1-A		127	135
LCS 460-116907/2-A		103	105
LCS 460-116909/2-A		131	138
460-41492-8 MS	SF-8 MS	79	89
460-41492-21 MS	F-6 MS	116	123
460-41492-8 MSD	SF-8 MSD	72	76

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Surrogate Recovery Report

8082 PCBs

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-41492-21 MSD	F-6 MSD	108	114

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Neutral Leach or MeOH Extraction Blank - Batch: 460-116713

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-116713/1-A	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21895.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/25/2012 0803	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0009				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.743	J	0.15	1.0
Acetone	3.00	J	1.7	10
Xylenes, Total	0.67	U	0.67	3.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-116713

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-116713/1-A	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21895.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/25/2012 0803	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0009				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	70 - 130
Toluene-d8 (Surr)	82	70 - 130
Bromofluorobenzene	85	70 - 130

Method Blank TICs- Batch: 460-116713

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21900.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	06/25/2012 1000			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0019				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21901.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.50 g
Analysis Date:	06/25/2012 1027			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0021				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	97	89	50 - 151	26	30		
Bromomethane	115	103	54 - 142	27	30		
Vinyl chloride	104	93	67 - 133	28	30		
Chloroethane	113	101	56 - 146	28	30		
Methylene Chloride	113	111	74 - 137	18	30		
Acetone	63	65	27 - 164	6	30		
Xylenes, Total	101	95	82 - 122	23	30		
Carbon disulfide	81	75	72 - 128	24	30		
Trichlorofluoromethane	96	87	61 - 139	26	30		
1,1-Dichloroethene	118	110	71 - 126	24	30		
1,1-Dichloroethane	101	96	76 - 125	22	30		
trans-1,2-Dichloroethene	108	105	75 - 122	20	30		
cis-1,2-Dichloroethene	103	95	80 - 120	24	30		
Chloroform	97	93	77 - 120	21	30		
2-Butanone	73	69	77 - 117	19	30	F	F
1,2-Dichloroethane	88	88	76 - 118	16	30		
1,1,1-Trichloroethane	101	95	78 - 117	23	30		
Carbon tetrachloride	105	97	79 - 118	25	30		
Benzene	102	97	77 - 117	21	30		
Bromoform	72	70	59 - 125	19	30		
Styrene	96	91	82 - 122	21	30		
Ethylbenzene	99	96	81 - 121	19	30		
Chlorobenzene	97	91	80 - 120	22	30		
Cyclohexane	86	79	80 - 121	25	30		F
Isopropylbenzene	99	94	65 - 129	22	30		
2-Hexanone	84	81	70 - 122	21	30		
MTBE	86	88	78 - 120	15	30		
Freon TF	103	97	73 - 123	23	30		
Methyl acetate	84	83	73 - 137	18	30		
1,4-Dioxane	84	87	69 - 131	13	30		
Trichloroethene	99	95	79 - 119	20	30		
Toluene	105	100	75 - 115	21	30		
trans-1,3-Dichloropropene	73	72	67 - 121	19	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21900.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	06/25/2012 1000			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0019				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	d21901.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.50 g
Analysis Date:	06/25/2012 1027			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0021				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	74	76	68 - 120	15	30		
cis-1,3-Dichloropropene	78	75	80 - 123	20	30	F	F
1,2-Dichlorobenzene	90	86	80 - 120	21	30		
1,3-Dichlorobenzene	92	88	80 - 120	21	30		
1,4-Dichlorobenzene	93	88	80 - 120	22	30		
1,2,4-Trichlorobenzene	83	79	80 - 120	22	30		F
1,2,3-Trichlorobenzene	82	79	75 - 121	20	30		
1,2-Dichloropropane	93	91	82 - 122	18	30		
Methylcyclohexane	83	81	78 - 118	19	30		
Tetrachloroethene	104	98	80 - 120	23	30		
1,2-Dibromo-3-Chloropropane	68	66	74 - 118	20	30	F	F
1,1,2,2-Tetrachloroethane	82	86	79 - 122	12	30		
1,1,2-Trichloroethane	87	89	73 - 118	15	30		
Dibromochloromethane	78	75	68 - 120	20	30		
1,2-Dibromoethane	88	89	75 - 117	16	30		
Dichlorodifluoromethane	85	76	52 - 144	28	30		
Bromochloromethane	99	94	74 - 125	22	30		
Bromodichloromethane	94	91	79 - 119	20	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	81	70 - 130
Toluene-d8 (Surr)	95	91	70 - 130
Bromofluorobenzene	95	90	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	o61610.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.29 g
Analysis Date:	06/27/2012 2053			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0036				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	o61611.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.29 g
Analysis Date:	06/27/2012 2118			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0037				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	113	98	50 - 151	14	30		
Bromomethane	94	85	54 - 142	10	30		
Vinyl chloride	97	85	67 - 133	13	30		
Chloroethane	99	83	56 - 146	17	30		
Methylene Chloride	99	97	74 - 137	3	30		
Acetone	94	102	27 - 164	8	30		
Xylenes, Total	76	77	82 - 122	1	30	F	F
Carbon disulfide	77	92	72 - 128	18	30		
Trichlorofluoromethane	95	83	61 - 139	14	30		
1,1-Dichloroethene	89	83	71 - 126	7	30		
1,1-Dichloroethane	86	84	76 - 125	2	30		
trans-1,2-Dichloroethene	89	86	75 - 122	3	30		
cis-1,2-Dichloroethene	86	84	80 - 120	2	30		
Chloroform	90	86	77 - 120	4	30		
2-Butanone	67	86	77 - 117	24	30	F	
1,2-Dichloroethane	85	82	76 - 118	4	30		
1,1,1-Trichloroethane	89	88	78 - 117	1	30		
Carbon tetrachloride	87	87	79 - 118	0	30		
Benzene	84	84	77 - 117	1	30		
Bromoform	68	69	59 - 125	1	30		
Styrene	76	76	82 - 122	1	30	F	F
Ethylbenzene	78	78	81 - 121	1	30	F	F
Chlorobenzene	78	77	80 - 120	0	30	F	F
Cyclohexane	73	92	80 - 121	23	30	F	
Isopropylbenzene	77	78	65 - 129	1	30		
2-Hexanone	50	67	70 - 122	29	30	F	F
MTBE	69	87	78 - 120	23	30	F	
Freon TF	77	97	73 - 123	24	30		
Methyl acetate	136	149	73 - 137	9	30		F
1,4-Dioxane	88	84	69 - 131	4	30		
Trichloroethene	85	83	79 - 119	2	30		
Toluene	76	76	75 - 115	1	30		
trans-1,3-Dichloropropene	58	60	67 - 121	4	30	F	F

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	o61610.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.29 g
Analysis Date:	06/27/2012 2053			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0036				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117746	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-116713	Lab File ID:	o61611.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.29 g
Analysis Date:	06/27/2012 2118			Final Weight/Volume:	5 mL
Prep Date:	06/20/2012 0037				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	63	80	68 - 120	23	30	F	
cis-1,3-Dichloropropene	80	79	80 - 123	1	30		F
1,2-Dichlorobenzene	76	74	80 - 120	3	30	F	F
1,3-Dichlorobenzene	72	72	80 - 120	1	30	F	F
1,4-Dichlorobenzene	74	72	80 - 120	2	30	F	F
1,2,4-Trichlorobenzene	71	71	80 - 120	1	30	F	F
1,2,3-Trichlorobenzene	71	70	75 - 121	3	30	F	F
1,2-Dichloropropane	81	76	82 - 122	5	30	F	F
Methylcyclohexane	69	89	78 - 118	26	30	F	
Tetrachloroethene	81	84	80 - 120	4	30		
1,2-Dibromo-3-Chloropropane	60	61	74 - 118	1	30	F	F
1,1,2,2-Tetrachloroethane	68	71	79 - 122	5	30	F	F
1,1,2-Trichloroethane	70	73	73 - 118	4	30	F	
Dibromochloromethane	66	68	68 - 120	2	30	F	
1,2-Dibromoethane	73	76	75 - 117	4	30	F	
Dichlorodifluoromethane	99	88	52 - 144	11	30		
Bromochloromethane	106	97	74 - 125	9	30		
Bromodichloromethane	87	86	79 - 119	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	100	70 - 130
Toluene-d8 (Surr)	96	97	70 - 130
Bromofluorobenzene	103	101	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-8	Units:	ug/Kg	MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/25/2012 1000			Analysis Date:	06/25/2012 1027
Prep Date:	06/20/2012 0019			Prep Date:	06/20/2012 0021
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	0.17	U	25.1	21.2	24.3		18.8	
Bromomethane	0.47	U	25.1	21.2	28.8		22.0	
Vinyl chloride	0.37	U	25.1	21.2	26.1		19.7	
Chloroethane	0.36	U	25.1	21.2	28.3		21.4	
Methylene Chloride	0.64	J	25.1	21.2	29.0		24.2	
Acetone	18		25.1	21.2	33.5		31.6	
Xylenes, Total	0.73	U	75.3	63.7	76.0		60.6	
Carbon disulfide	0.16	U	25.1	21.2	20.5		16.0	
Trichlorofluoromethane	0.17	U	25.1	21.2	24.2		18.5	
1,1-Dichloroethene	0.21	U	25.1	21.2	29.7		23.4	
1,1-Dichloroethane	0.12	U	25.1	21.2	25.4		20.4	
trans-1,2-Dichloroethene	0.14	U	25.1	21.2	27.2		22.3	
cis-1,2-Dichloroethene	0.12	U	25.1	21.2	25.8		20.2	
Chloroform	0.26	U	25.1	21.2	24.2		19.7	
2-Butanone	2.4	J	25.1	21.2	20.6	F	17.0	F
1,2-Dichloroethane	0.19	U	25.1	21.2	22.0		18.7	
1,1,1-Trichloroethane	0.14	U	25.1	21.2	25.4		20.2	
Carbon tetrachloride	0.16	U	25.1	21.2	26.4		20.6	
Benzene	0.16	U	25.1	21.2	25.5		20.7	
Bromoform	0.18	U	25.1	21.2	18.0		14.9	
Styrene	0.30	U	25.1	21.2	24.1		19.4	
Ethylbenzene	0.18	U	25.1	21.2	24.8		20.5	
Chlorobenzene	0.19	U	25.1	21.2	24.3		19.4	
Cyclohexane	0.14	U	25.1	21.2	21.5		16.8	F
Isopropylbenzene	0.12	U	25.1	21.2	24.9		20.0	
2-Hexanone	0.14	U	25.1	21.2	21.2		17.2	
MTBE	0.12	U	25.1	21.2	21.7		18.6	
Freon TF	0.12	U	25.1	21.2	25.9		20.6	
Methyl acetate	0.35	U	25.1	21.2	21.0		17.6	
1,4-Dioxane	14	U	188	159	158		139	
Trichloroethene	0.13	U	25.1	21.2	24.8		20.2	
Toluene	0.15	U	25.1	21.2	26.4		21.3	
trans-1,3-Dichloropropene	0.11	U	25.1	21.2	18.4		15.2	
4-Methyl-2-pentanone	0.22	U	25.1	21.2	18.7		16.1	
cis-1,3-Dichloropropene	0.15	U	25.1	21.2	19.5	F	16.0	F
1,2-Dichlorobenzene	0.11	U	25.1	21.2	22.5		18.3	
1,3-Dichlorobenzene	0.17	U	25.1	21.2	23.0		18.7	
1,4-Dichlorobenzene	0.12	U	25.1	21.2	23.3		18.7	
1,2,4-Trichlorobenzene	0.21	U	25.1	21.2	20.8		16.7	F
1,2,3-Trichlorobenzene	0.17	U	25.1	21.2	20.5		16.9	
1,2-Dichloropropane	0.16	U	25.1	21.2	23.3		19.4	
Methylcyclohexane	0.11	U	25.1	21.2	20.9		17.2	
Tetrachloroethene	0.13	U	25.1	21.2	26.2		20.8	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-8	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/25/2012 1000		
Prep Date:	06/20/2012 0019		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/25/2012 1027
Prep Date:	06/20/2012 0021
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	0.48	U	25.1	21.2	17.2	F	14.1	F
1,1,2,2-Tetrachloroethane	0.097	U	25.1	21.2	20.7		18.4	
1,1,2-Trichloroethane	0.15	U	25.1	21.2	21.9		18.8	
Dibromochloromethane	0.11	U	25.1	21.2	19.5		16.0	
1,2-Dibromoethane	0.16	U	25.1	21.2	22.2		18.8	
Dichlorodifluoromethane	0.24	U	25.1	21.2	21.2		16.1	
Bromochloromethane	0.12	U	25.1	21.2	24.8		19.9	
Bromodichloromethane	0.35	U	25.1	21.2	23.6		19.3	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-21	Units:	ug/Kg	MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/27/2012 2053			Analysis Date:	06/27/2012 2118
Prep Date:	06/20/2012 0036			Prep Date:	06/20/2012 0037
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	0.25	U	26.8	26.8	30.2		26.2	
Bromomethane	0.66	U	26.8	26.8	25.3		22.8	
Vinyl chloride	0.52	U	26.8	26.8	25.9		22.7	
Chloroethane	0.51	U	26.8	26.8	26.4		22.3	
Methylene Chloride	0.92	J	26.8	26.8	27.6		26.8	
Acetone	2.6	U	26.8	26.8	25.2		27.2	
Xylenes, Total	1.0	U	80.4	80.4	61.5	F	62.0	F
Carbon disulfide	0.23	U	26.8	26.8	20.6		24.6	
Trichlorofluoromethane	0.25	U	26.8	26.8	25.6		22.2	
1,1-Dichloroethene	0.29	U	26.8	26.8	23.8		22.2	
1,1-Dichloroethane	0.17	U	26.8	26.8	23.0		22.5	
trans-1,2-Dichloroethene	0.20	U	26.8	26.8	23.8		23.0	
cis-1,2-Dichloroethene	0.17	U	26.8	26.8	23.1		22.6	
Chloroform	0.37	U	26.8	26.8	24.0		23.0	
2-Butanone	0.97	U	26.8	26.8	18.0	F	23.0	
1,2-Dichloroethane	0.28	U	26.8	26.8	22.9		21.9	
1,1,1-Trichloroethane	0.20	U	26.8	26.8	23.7		23.5	
Carbon tetrachloride	0.23	U	26.8	26.8	23.3		23.3	
Benzene	0.23	U	26.8	26.8	22.5		22.6	
Bromoform	0.26	U	26.8	26.8	18.3		18.4	
Styrene	0.43	U	26.8	26.8	20.3	F	20.5	F
Ethylbenzene	0.26	U	26.8	26.8	21.0	F	20.9	F
Chlorobenzene	0.28	U	26.8	26.8	20.8	F	20.8	F
Cyclohexane	0.20	U	26.8	26.8	19.5	F	24.6	
Isopropylbenzene	0.17	U	26.8	26.8	20.7		20.8	
2-Hexanone	0.20	U	26.8	26.8	13.4	F	17.9	F
MTBE	0.17	U	26.8	26.8	18.5	F	23.3	
Freon TF	0.17	U	26.8	26.8	20.5		26.1	
Methyl acetate	0.49	U	26.8	26.8	36.5		40.0	F
1,4-Dioxane	20	U	201	201	176		169	
Trichloroethene	0.18	U	26.8	26.8	22.7		22.2	
Toluene	0.22	U	26.8	26.8	20.3		20.5	
trans-1,3-Dichloropropene	0.15	U	26.8	26.8	15.6	F	16.2	F
4-Methyl-2-pentanone	0.31	U	26.8	26.8	17.0	F	21.4	
cis-1,3-Dichloropropene	0.22	U	26.8	26.8	21.5		21.3	F
1,2-Dichlorobenzene	0.15	U	26.8	26.8	20.4	F	19.8	F
1,3-Dichlorobenzene	0.25	U	26.8	26.8	19.4	F	19.3	F
1,4-Dichlorobenzene	0.17	U	26.8	26.8	19.9	F	19.4	F
1,2,4-Trichlorobenzene	0.29	U	26.8	26.8	18.9	F	19.1	F
1,2,3-Trichlorobenzene	0.25	U	26.8	26.8	19.1	F	18.7	F
1,2-Dichloropropane	0.23	U	26.8	26.8	21.6	F	20.5	F
Methylcyclohexane	0.15	U	26.8	26.8	18.5	F	23.9	
Tetrachloroethene	0.18	U	26.8	26.8	21.7		22.6	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116713

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-41492-21	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/27/2012 2053		
Prep Date:	06/20/2012 0036		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/27/2012 2118
Prep Date:	06/20/2012 0037
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	0.68	U	26.8	26.8	16.2	F	16.4	F
1,1,2,2-Tetrachloroethane	0.14	U	26.8	26.8	18.1	F	19.0	F
1,1,2-Trichloroethane	0.22	U	26.8	26.8	18.8	F	19.5	
Dibromochloromethane	0.15	U	26.8	26.8	17.7	F	18.2	
1,2-Dibromoethane	0.23	U	26.8	26.8	19.6	F	20.4	
Dichlorodifluoromethane	0.34	U	26.8	26.8	26.5		23.7	
Bromochloromethane	0.17	U	26.8	26.8	28.4		25.9	
Bromodichloromethane	0.49	U	26.8	26.8	23.3		23.0	

Method Blank - Batch: 460-117294

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117294/5	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21894.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 0739	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	3.35	J	1.7	10
Xylenes, Total	0.67	U	0.67	3.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117294

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117294/5	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21894.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 0739	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 130
Toluene-d8 (Surr)	89	70 - 130
Bromofluorobenzene	89	70 - 130

Method Blank TICs- Batch: 460-117294

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-117294

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-117294/3	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21889.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 0506	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	20.4	102	50 - 151	
Bromomethane	20.0	23.9	120	54 - 142	
Vinyl chloride	20.0	23.4	117	67 - 133	
Chloroethane	20.0	25.1	125	56 - 146	
Methylene Chloride	20.0	22.1	111	74 - 137	
Acetone	20.0	24.9	124	27 - 164	
Xylenes, Total	60.0	59.2	99	82 - 122	
Carbon disulfide	20.0	22.7	113	72 - 128	
Trichlorofluoromethane	20.0	20.7	103	61 - 139	
1,1-Dichloroethene	20.0	20.5	102	71 - 126	
1,1-Dichloroethane	20.0	18.9	95	76 - 125	
trans-1,2-Dichloroethene	20.0	19.8	99	75 - 122	
cis-1,2-Dichloroethene	20.0	19.6	98	80 - 120	
Chloroform	20.0	18.8	94	77 - 120	
2-Butanone	20.0	18.2	91	77 - 117	
1,2-Dichloroethane	20.0	18.3	91	76 - 118	
1,1,1-Trichloroethane	20.0	21.1	105	78 - 117	
Carbon tetrachloride	20.0	21.8	109	79 - 118	
Benzene	20.0	18.9	95	77 - 117	
Bromoform	20.0	17.0	85	59 - 125	
Styrene	20.0	19.5	97	82 - 122	
Ethylbenzene	20.0	19.2	96	81 - 121	
Chlorobenzene	20.0	18.9	95	80 - 120	
Cyclohexane	20.0	19.6	98	80 - 121	
Isopropylbenzene	20.0	20.0	100	65 - 129	
2-Hexanone	20.0	18.2	91	70 - 122	
MTBE	20.0	18.8	94	78 - 120	
Freon TF	20.0	22.6	113	73 - 123	
Methyl acetate	20.0	18.9	94	73 - 137	
1,4-Dioxane	150	146	98	69 - 131	
Trichloroethene	20.0	19.2	96	79 - 119	
Toluene	20.0	19.9	99	75 - 115	
trans-1,3-Dichloropropene	20.0	15.2	76	67 - 121	
4-Methyl-2-pentanone	20.0	17.3	86	68 - 120	
cis-1,3-Dichloropropene	20.0	16.4	82	80 - 123	
1,2-Dichlorobenzene	20.0	19.2	96	80 - 120	
1,3-Dichlorobenzene	20.0	19.0	95	80 - 120	
1,4-Dichlorobenzene	20.0	19.2	96	80 - 120	
1,2,4-Trichlorobenzene	20.0	18.6	93	80 - 120	
1,2,3-Trichlorobenzene	20.0	18.1	90	75 - 121	
1,2-Dichloropropane	20.0	19.1	96	82 - 122	
Methylcyclohexane	20.0	20.6	103	78 - 118	
Tetrachloroethene	20.0	19.2	96	80 - 120	
1,2-Dibromo-3-Chloropropane	20.0	16.1	81	74 - 118	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	79 - 122	
1,1,2-Trichloroethane	20.0	18.6	93	73 - 118	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-117294

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-117294/3	Analysis Batch:	460-117294	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21889.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 0506	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	16.2	81	68 - 120	
1,2-Dibromoethane	20.0	18.8	94	75 - 117	
Dichlorodifluoromethane	20.0	23.3	116	52 - 144	
Bromochloromethane	20.0	19.6	98	74 - 125	
Bromodichloromethane	20.0	19.2	96	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	90	70 - 130
Bromofluorobenzene	91	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117463

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117463/5	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21923.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1904	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.179	J	0.15	1.0
Acetone	5.25	J	1.7	10
Xylenes, Total	0.67	U	0.67	3.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117463

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-117463/5	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21923.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1904	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	90	70 - 130

Method Blank TICs- Batch: 460-117463

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-117463

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117463/3	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21918.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1707	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-117463/4	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21920.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1754	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
Chloromethane	88	83	50 - 151	6	30		
Bromomethane	104	97	54 - 142	7	30		
Vinyl chloride	93	90	67 - 133	3	30		
Chloroethane	107	90	56 - 146	17	30		
Methylene Chloride	109	111	74 - 137	1	30		
Acetone	163	125	27 - 164	27	30		
Xylenes, Total	94	94	82 - 122	0	30		
Carbon disulfide	75	75	72 - 128	1	30		
Trichlorofluoromethane	87	79	61 - 139	11	30		
1,1-Dichloroethene	112	108	71 - 126	3	30		
1,1-Dichloroethane	94	95	76 - 125	1	30		
trans-1,2-Dichloroethene	102	104	75 - 122	2	30		
cis-1,2-Dichloroethene	94	95	80 - 120	1	30		
Chloroform	91	92	77 - 120	0	30		
2-Butanone	97	92	77 - 117	5	30		
1,2-Dichloroethane	92	90	76 - 118	2	30		
1,1,1-Trichloroethane	97	98	78 - 117	1	30		
Carbon tetrachloride	99	101	79 - 118	3	30		
Benzene	97	97	77 - 117	1	30		
Bromoform	77	68	59 - 125	12	30		
Styrene	90	89	82 - 122	2	30		
Ethylbenzene	95	92	81 - 121	3	30		
Chlorobenzene	89	90	80 - 120	1	30		
Cyclohexane	83	86	80 - 121	4	30		
Isopropylbenzene	92	93	65 - 129	1	30		
2-Hexanone	96	85	70 - 122	12	30		
MTBE	86	86	78 - 120	0	30		
Freon TF	100	103	73 - 123	3	30		
Methyl acetate	101	87	73 - 137	14	30		
1,4-Dioxane	106	82	69 - 131	25	30		
Trichloroethene	100	96	79 - 119	4	30		
Toluene	97	97	75 - 115	0	30		
trans-1,3-Dichloropropene	72	71	67 - 121	2	30		
4-Methyl-2-pentanone	92	79	68 - 120	16	30		
cis-1,3-Dichloropropene	76	76	80 - 123	0	30	*	*
1,2-Dichlorobenzene	84	87	80 - 120	4	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-117463

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117463/3	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21918.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1707	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-117463/4	Analysis Batch:	460-117463	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d21920.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2012 1754	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
1,3-Dichlorobenzene	87	89	80 - 120	2	30		
1,4-Dichlorobenzene	87	88	80 - 120	2	30		
1,2,4-Trichlorobenzene	83	86	80 - 120	4	30		
1,2,3-Trichlorobenzene	83	86	75 - 121	3	30		
1,2-Dichloropropane	95	93	82 - 122	1	30		
Methylcyclohexane	84	84	78 - 118	1	30		
Tetrachloroethene	97	94	80 - 120	3	30		
1,2-Dibromo-3-Chloropropane	76	67	74 - 118	13	30		*
1,1,2,2-Tetrachloroethane	86	83	79 - 122	3	30		
1,1,2-Trichloroethane	86	84	73 - 118	2	30		
Dibromochloromethane	74	72	68 - 120	2	30		
1,2-Dibromoethane	90	86	75 - 117	5	30		
Dichlorodifluoromethane	80	79	52 - 144	1	30		
Bromochloromethane	94	89	74 - 125	6	30		
Bromodichloromethane	92	91	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	88	70 - 130
Toluene-d8 (Surr)	85	89	70 - 130
Bromofluorobenzene	86	88	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-117463

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117463/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-117463/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/25/2012 1707			Analysis Date:	06/25/2012 1754
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	
Chloromethane	20.0	20.0	17.7		16.6	
Bromomethane	20.0	20.0	20.7		19.4	
Vinyl chloride	20.0	20.0	18.5		17.9	
Chloroethane	20.0	20.0	21.4		18.1	
Methylene Chloride	20.0	20.0	21.8		22.1	
Acetone	20.0	20.0	32.6		24.9	
Xylenes, Total	60.0	60.0	56.3		56.1	
Carbon disulfide	20.0	20.0	14.9		15.1	
Trichlorofluoromethane	20.0	20.0	17.5		15.7	
1,1-Dichloroethene	20.0	20.0	22.3		21.6	
1,1-Dichloroethane	20.0	20.0	18.8		19.0	
trans-1,2-Dichloroethene	20.0	20.0	20.4		20.7	
cis-1,2-Dichloroethene	20.0	20.0	18.8		19.1	
Chloroform	20.0	20.0	18.2		18.3	
2-Butanone	20.0	20.0	19.3		18.3	
1,2-Dichloroethane	20.0	20.0	18.3		18.0	
1,1,1-Trichloroethane	20.0	20.0	19.5		19.7	
Carbon tetrachloride	20.0	20.0	19.7		20.3	
Benzene	20.0	20.0	19.4		19.3	
Bromoform	20.0	20.0	15.4		13.6	
Styrene	20.0	20.0	18.0		17.7	
Ethylbenzene	20.0	20.0	19.0		18.4	
Chlorobenzene	20.0	20.0	17.8		18.1	
Cyclohexane	20.0	20.0	16.5		17.1	
Isopropylbenzene	20.0	20.0	18.4		18.7	
2-Hexanone	20.0	20.0	19.2		17.0	
MTBE	20.0	20.0	17.2		17.2	
Freon TF	20.0	20.0	20.1		20.6	
Methyl acetate	20.0	20.0	20.2		17.5	
1,4-Dioxane	150	150	159		124	
Trichloroethene	20.0	20.0	20.1		19.2	
Toluene	20.0	20.0	19.4		19.3	
trans-1,3-Dichloropropene	20.0	20.0	14.4		14.1	
4-Methyl-2-pentanone	20.0	20.0	18.4		15.7	
cis-1,3-Dichloropropene	20.0	20.0	15.2	*	15.3	*
1,2-Dichlorobenzene	20.0	20.0	16.8		17.5	
1,3-Dichlorobenzene	20.0	20.0	17.3		17.7	
1,4-Dichlorobenzene	20.0	20.0	17.3		17.7	
1,2,4-Trichlorobenzene	20.0	20.0	16.6		17.2	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-117463

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-117463/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-117463/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/25/2012 1707			Analysis Date:	06/25/2012 1754
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	
1,2,3-Trichlorobenzene	20.0	20.0	16.7	17.2	
1,2-Dichloropropane	20.0	20.0	19.0	18.7	
Methylcyclohexane	20.0	20.0	16.8	16.9	
Tetrachloroethene	20.0	20.0	19.4	18.8	
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.2	13.4	*
1,1,2,2-Tetrachloroethane	20.0	20.0	17.2	16.7	
1,1,2-Trichloroethane	20.0	20.0	17.2	16.8	
Dibromochloromethane	20.0	20.0	14.7	14.4	
1,2-Dibromoethane	20.0	20.0	18.1	17.3	
Dichlorodifluoromethane	20.0	20.0	16.0	15.9	
Bromochloromethane	20.0	20.0	18.9	17.8	
Bromodichloromethane	20.0	20.0	18.3	18.1	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.644	J	0.15	1.0
Acetone	1.7	U	1.7	10
Xylenes, Total	0.67	U	0.67	3.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	70 - 130
Toluene-d8 (Surr)	98	70 - 130
Bromofluorobenzene	100	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: 460-41492-1

Lab Control Sample - Batch: 460-117746

Method: 8260B
Preparation: N/A

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				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	27.2	136	50 - 151	
Bromomethane	20.0	23.7	119	54 - 142	
Vinyl chloride	20.0	22.9	114	67 - 133	
Chloroethane	20.0	22.2	111	56 - 146	
Methylene Chloride	20.0	25.4	127	74 - 137	
Acetone	20.0	24.1	121	27 - 164	
Xylenes, Total	60.0	58.7	98	82 - 122	
Carbon disulfide	20.0	20.7	104	72 - 128	
Trichlorofluoromethane	20.0	22.5	112	61 - 139	
1,1-Dichloroethene	20.0	21.6	108	71 - 126	
1,1-Dichloroethane	20.0	20.9	105	76 - 125	
trans-1,2-Dichloroethene	20.0	21.7	108	75 - 122	
cis-1,2-Dichloroethene	20.0	21.2	106	80 - 120	
Chloroform	20.0	21.8	109	77 - 120	
2-Butanone	20.0	16.9	85	77 - 117	
1,2-Dichloroethane	20.0	20.7	104	76 - 118	
1,1,1-Trichloroethane	20.0	22.2	111	78 - 117	
Carbon tetrachloride	20.0	21.7	109	79 - 118	
Benzene	20.0	20.3	102	77 - 117	
Bromoform	20.0	17.4	87	59 - 125	
Styrene	20.0	19.7	98	82 - 122	
Ethylbenzene	20.0	20.4	102	81 - 121	
Chlorobenzene	20.0	19.4	97	80 - 120	
Cyclohexane	20.0	21.3	107	80 - 121	
Isopropylbenzene	20.0	20.2	101	65 - 129	
2-Hexanone	20.0	16.9	84	70 - 122	
MTBE	20.0	19.1	96	78 - 120	
Freon TF	20.0	21.9	110	73 - 123	
Methyl acetate	20.0	20.0	100	73 - 137	
1,4-Dioxane	150	157	105	69 - 131	
Trichloroethene	20.0	20.6	103	79 - 119	
Toluene	20.0	18.8	94	75 - 115	
trans-1,3-Dichloropropene	20.0	14.6	73	67 - 121	
4-Methyl-2-pentanone	20.0	18.7	93	68 - 120	
cis-1,3-Dichloropropene	20.0	20.0	100	80 - 123	
1,2-Dichlorobenzene	20.0	19.8	99	80 - 120	
1,3-Dichlorobenzene	20.0	19.2	96	80 - 120	
1,4-Dichlorobenzene	20.0	18.8	94	80 - 120	
1,2,4-Trichlorobenzene	20.0	20.4	102	80 - 120	
1,2,3-Trichlorobenzene	20.0	19.7	99	75 - 121	
1,2-Dichloropropane	20.0	19.7	99	82 - 122	
Methylcyclohexane	20.0	20.9	105	78 - 118	
Tetrachloroethene	20.0	21.0	105	80 - 120	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	74 - 118	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	79 - 122	
1,1,2-Trichloroethane	20.0	17.8	89	73 - 118	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-117746

Method: 8260B
Preparation: N/A

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				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	16.5	82	68 - 120	
1,2-Dibromoethane	20.0	18.1	91	75 - 117	
Dichlorodifluoromethane	20.0	24.4	122	52 - 144	
Bromochloromethane	20.0	24.4	122	74 - 125	
Bromodichloromethane	20.0	21.3	107	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	97	70 - 130
Bromofluorobenzene	100	70 - 130

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116951

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-116951/1-A	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77658.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0313	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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: 460-41492-1

Method Blank - Batch: 460-116951

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-116951/1-A	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77658.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0313	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	80	38 - 105
Phenol-d5	96	41 - 118
Terphenyl-d14	83	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	98	37 - 125
2-Fluorobiphenyl	84	40 - 109

Method Blank TICs- Batch: 460-116951

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.21	4110	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.46	344	J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116951

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-116951/2-A	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77657.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0253	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	5470	82	54 - 115	
2-Chlorophenol	6670	5340	80	56 - 110	
2-Methylphenol	6670	6020	90	54 - 117	
4-Methylphenol	6670	5760	86	47 - 103	
Benzaldehyde	3330	2780	83	10 - 160	
Acetophenone	3330	2380	71	40 - 95	
Bis(2-chloroethyl)ether	3330	2520	76	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45 - 102	
N-Nitrosodi-n-propylamine	3330	2620	79	42 - 107	
Nitrobenzene	3330	2210	66	42 - 106	
Hexachloroethane	3330	2340	70	45 - 90	
Isophorone	3330	2310	69	48 - 97	
2-Nitrophenol	6670	5170	77	55 - 101	
2,4-Dimethylphenol	6670	5680	85	56 - 112	
2,4-Dichlorophenol	6670	5360	80	58 - 115	
Bis(2-chloroethoxy)methane	3330	2560	77	51 - 100	
Naphthalene	3330	2440	73	53 - 94	
4-Chloroaniline	3330	2160	65	10 - 96	
Hexachlorobutadiene	3330	2120	64	45 - 98	
Caprolactam	3330	1520	46	10 - 127	
4-Chloro-3-methylphenol	6670	5570	83	55 - 117	
2-Methylnaphthalene	3330	2490	75	51 - 98	
Hexachlorobenzene	3330	2430	73	43 - 104	
Hexachlorocyclopentadiene	3330	1350	40	24 - 98	
2,4,6-Trichlorophenol	6670	5220	78	53 - 118	
2,4,5-Trichlorophenol	6670	4990	75	50 - 115	
Diphenyl	3330	2460	74	50 - 105	
2-Chloronaphthalene	3330	2390	72	51 - 102	
2-Nitroaniline	3330	2570	77	51 - 109	
2,6-Dinitrotoluene	3330	2650	79	51 - 115	
Dimethyl phthalate	3330	2520	76	52 - 112	
Acenaphthylene	3330	2460	74	51 - 103	
3-Nitroaniline	3330	2270	68	32 - 104	
Acenaphthene	3330	2430	73	46 - 100	
4-Nitrophenol	6670	5700	86	45 - 114	
2,4-Dinitrophenol	6670	2800	42	10 - 129	
Dibenzofuran	3330	2540	76	52 - 106	
Diethyl phthalate	3330	2810	84	52 - 114	
Fluorene	3330	2920	88	51 - 108	
Fluoranthene	3330	2740	82	49 - 108	
Di-n-butyl phthalate	3330	2720	82	50 - 108	
2,4-Dinitrotoluene	3330	2970	89	53 - 110	
4-Chlorophenyl phenyl ether	3330	2510	75	50 - 106	
4-Nitroaniline	3330	3000	90	45 - 106	
4,6-Dinitro-2-methylphenol	6670	4070	61	10 - 110	
4-Bromophenyl phenyl ether	3330	2270	68	44 - 102	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116951

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-116951/2-A	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77657.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0253	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1980	59	30 - 100	
Anthracene	3330	2610	78	50 - 107	
Carbazole	3330	2710	81	49 - 104	
Phenanthrene	3330	2520	76	48 - 108	
Pentachlorophenol	6670	4450	67	19 - 113	
Pyrene	3330	2520	76	49 - 116	
Chrysene	3330	2660	80	45 - 114	
Benzo[k]fluoranthene	3330	2130	64	35 - 115	
Benzo[g,h,i]perylene	3330	2290	69	43 - 106	
Benzo[b]fluoranthene	3330	1960	59	33 - 96	
Benzo[a]pyrene	3330	2360	71	36 - 89	
Benzo[a]anthracene	3330	2640	79	46 - 112	
N-Nitrosodiphenylamine	3330	2530	76	49 - 106	
Butyl benzyl phthalate	3330	2880	86	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2770	83	49 - 119	
Di-n-octyl phthalate	3330	2120	64	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2000	60	43 - 109	
Dibenz(a,h)anthracene	3330	2360	71	43 - 107	
3,3'-Dichlorobenzidine	3330	2950	88	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2280	68	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2460	74	70 - 130	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	82	41 - 118
Terphenyl-d14	73	16 - 151
2,4,6-Tribromophenol	72	10 - 120
2-Fluorophenol	81	37 - 125
2-Fluorobiphenyl	69	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116951

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0354			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77661.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0414			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	102	87	54 - 115	16	30		
2-Chlorophenol	99	88	56 - 110	12	30		
2-Methylphenol	102	92	54 - 117	10	30		
4-Methylphenol	102	90	47 - 103	13	30		
Benzaldehyde	110	103	10 - 160	7	30		
Acetophenone	81	75	40 - 95	9	30		
Bis(2-chloroethyl)ether	84	71	44 - 101	18	30		
2,2'-oxybis[1-chloropropane]	80	73	45 - 102	10	30		
N-Nitrosodi-n-propylamine	95	86	42 - 107	11	30		
Nitrobenzene	78	68	42 - 106	14	30		
Hexachloroethane	65	59	45 - 90	9	30		
Isophorone	84	73	48 - 97	14	30		
2-Nitrophenol	95	80	55 - 101	18	30		
2,4-Dimethylphenol	106	96	56 - 112	9	30		
2,4-Dichlorophenol	100	88	58 - 115	14	30		
Bis(2-chloroethoxy)methane	91	81	51 - 100	12	30		
Naphthalene	83	72	53 - 94	15	30		
4-Chloroaniline	86	75	10 - 96	14	30		
Hexachlorobutadiene	66	60	45 - 98	10	30		
Caprolactam	85	83	10 - 127	3	30		
4-Chloro-3-methylphenol	107	98	55 - 117	8	30		
2-Methylnaphthalene	86	79	51 - 98	8	30		
Hexachlorobenzene	83	83	43 - 104	1	30		
Hexachlorocyclopentadiene	34	29	24 - 98	17	30		
2,4,6-Trichlorophenol	93	76	53 - 118	20	30		
2,4,5-Trichlorophenol	91	81	50 - 115	11	30		
Diphenyl	85	73	50 - 105	15	30		
2-Chloronaphthalene	86	79	51 - 102	8	30		
2-Nitroaniline	99	86	51 - 109	14	30		
2,6-Dinitrotoluene	99	89	51 - 115	11	30		
Dimethyl phthalate	103	89	52 - 112	15	30		
Acenaphthylene	88	77	51 - 103	14	30		
3-Nitroaniline	102	94	32 - 104	8	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116951

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0354			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77661.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0414			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	88	77	46 - 100	13	30		
4-Nitrophenol	73	63	45 - 114	15	30		
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U F	U F
Dibenzofuran	94	81	52 - 106	15	30		
Diethyl phthalate	106	95	52 - 114	11	30		
Fluorene	100	95	51 - 108	5	30		
Fluoranthene	94	85	49 - 108	10	30		
Di-n-butyl phthalate	91	86	50 - 108	6	30		
2,4-Dinitrotoluene	109	98	53 - 110	11	30		
4-Chlorophenyl phenyl ether	91	81	50 - 106	13	30		
4-Nitroaniline	117	109	45 - 106	8	30	F	F
4,6-Dinitro-2-methylphenol	2	0	10 - 110	NC	30	J F	U F
4-Bromophenyl phenyl ether	83	81	44 - 102	2	30		
Atrazine	62	60	30 - 100	4	30		
Anthracene	88	83	50 - 107	6	30		
Carbazole	93	88	49 - 104	6	30		
Phenanthrene	85	82	48 - 108	4	30		
Pentachlorophenol	29	22	19 - 113	30	30		
Pyrene	99	84	49 - 116	16	30		
Chrysene	94	86	45 - 114	9	30		
Benzo[k]fluoranthene	87	79	35 - 115	10	30		
Benzo[g,h,i]perylene	86	73	43 - 106	16	30		
Benzo[b]fluoranthene	72	63	33 - 96	14	30		
Benzo[a]pyrene	87	77	36 - 89	13	30		
Benzo[a]anthracene	93	80	46 - 112	15	30		
N-Nitrosodiphenylamine	90	88	49 - 106	2	30		
Butyl benzyl phthalate	105	89	49 - 117	17	30		
Bis(2-ethylhexyl) phthalate	98	90	49 - 119	9	30		
Di-n-octyl phthalate	86	74	40 - 106	15	30		
Indeno[1,2,3-cd]pyrene	71	65	43 - 109	9	30		
Dibenz(a,h)anthracene	83	74	43 - 107	12	30		
3,3'-Dichlorobenzidine	101	93	24 - 105	8	30		
1,2,4,5-Tetrachlorobenzene	73	60	70 - 130	20	30		F

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116951

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2012 0354			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117392	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-116951	Lab File ID:	u77661.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2012 0414			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1040			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	76	60	70 - 130	23	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	79	72	38 - 105
Phenol-d5	101	87	41 - 118
Terphenyl-d14	88	76	16 - 151
2,4,6-Tribromophenol	79	67	10 - 120
2-Fluorophenol	96	83	37 - 125
2-Fluorobiphenyl	79	69	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116951

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	MSD Lab Sample ID:	460-41492-8	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	06/24/2012 0354		Analysis Date:	06/24/2012 0414	
Prep Date:	06/21/2012 1040		Prep Date:	06/21/2012 1040	
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	7780	7760	7940		6740	
2-Chlorophenol	51	U	7780	7760	7720		6810	
2-Methylphenol	66	U	7780	7760	7940		7180	
4-Methylphenol	76	U	7780	7760	7960		7010	
Benzaldehyde	45	U	3890	3880	4290		4010	
Acetophenone	59	U	3890	3880	3160		2900	
Bis(2-chloroethyl)ether	5.3	U	3890	3880	3280		2740	
2,2'-oxybis[1-chloropropane]	43	U	3890	3880	3120		2830	
N-Nitrosodi-n-propylamine	6.4	U	3890	3880	3700		3320	
Nitrobenzene	5.5	U	3890	3880	3040		2640	
Hexachloroethane	4.3	U	3890	3880	2530		2310	
Isophorone	47	U	3890	3880	3260		2840	
2-Nitrophenol	43	U	7780	7760	7420		6210	
2,4-Dimethylphenol	95	U	7780	7760	8230		7480	
2,4-Dichlorophenol	56	U	7780	7760	7820		6820	
Bis(2-chloroethoxy)methane	50	U	3890	3880	3540		3130	
Naphthalene	45	U	3890	3880	3240		2780	
4-Chloroaniline	100	U	3890	3880	3360		2920	
Hexachlorobutadiene	9.4	U	3890	3880	2590		2330	
Caprolactam	89	U	3890	3880	3320		3210	
4-Chloro-3-methylphenol	58	U	7780	7760	8300		7640	
2-Methylnaphthalene	50	U	3890	3880	3350		3080	
Hexachlorobenzene	5.3	U	3890	3880	3220		3200	
Hexachlorocyclopentadiene	45	U	3890	3880	1320		1110	
2,4,6-Trichlorophenol	45	U	7780	7760	7230		5910	
2,4,5-Trichlorophenol	50	U	7780	7760	7060		6310	
Diphenyl	52	U	3890	3880	3300		2840	
2-Chloronaphthalene	43	U	3890	3880	3340		3090	
2-Nitroaniline	160	U	3890	3880	3840		3340	
2,6-Dinitrotoluene	12	U	3890	3880	3870		3460	
Dimethyl phthalate	46	U	3890	3880	4010		3470	
Acenaphthylene	46	U	3890	3880	3420		2990	
3-Nitroaniline	140	U	3890	3880	3960		3640	
Acenaphthene	56	U	3890	3880	3420		2990	
4-Nitrophenol	250	U	7780	7760	5700		4890	
2,4-Dinitrophenol	220	U	7780	7760	220	U F	220	U F
Dibenzofuran	45	U	3890	3880	3660		3140	
Diethyl phthalate	46	U	3890	3880	4130		3690	
Fluorene	49	U	3890	3880	3880		3690	
Fluoranthene	51	U	3890	3880	3650		3310	
Di-n-butyl phthalate	48	U	3890	3880	3560		3340	
2,4-Dinitrotoluene	13	U	3890	3880	4240		3800	
4-Chlorophenyl phenyl ether	45	U	3890	3880	3560		3130	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116951

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/24/2012 0354		
Prep Date:	06/21/2012 1040		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/24/2012 0414
Prep Date:	06/21/2012 1040
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	120	U	3890	3880	4560	F	4230	F
4,6-Dinitro-2-methylphenol	110	U	7780	7760	147	J F	100	U F
4-Bromophenyl phenyl ether	38	U	3890	3880	3210		3150	
Atrazine	60	U	3890	3880	2410		2330	
Anthracene	47	U	3890	3880	3410		3210	
Carbazole	46	U	3890	3880	3630		3430	
Phenanthrene	49	U	3890	3880	3300		3180	
Pentachlorophenol	120	U	7780	7760	2290		1690	
Pyrene	32	U	3890	3880	3840		3280	
Chrysene	45	U	3890	3880	3650		3350	
Benzo[k]fluoranthene	2.9	U	3890	3880	3390		3070	
Benzo[g,h,i]perylene	29	U	3890	3880	3330		2830	
Benzo[b]fluoranthene	2.4	U	3890	3880	2800		2440	
Benzo[a]pyrene	2.7	U	3890	3880	3400		3000	
Benzo[a]anthracene	2.7	U	3890	3880	3630		3110	
N-Nitrosodiphenylamine	38	U	3890	3880	3490		3420	
Butyl benzyl phthalate	35	U	3890	3880	4100		3450	
Bis(2-ethylhexyl) phthalate	130	U	3890	3880	3830		3490	
Di-n-octyl phthalate	25	U	3890	3880	3350		2880	
Indeno[1,2,3-cd]pyrene	7.2	U	3890	3880	2750		2510	
Dibenz(a,h)anthracene	4.9	U	3890	3880	3250		2870	
3,3'-Dichlorobenzidine	140	U	3890	3880	3920		3620	
1,2,4,5-Tetrachlorobenzene	52	U	3890	3880	2860		2330	F
2,3,4,6-Tetrachlorophenol	50	U	3890	3880	2950		2330	F

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116952

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-116952/1-A	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31239.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0330	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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: 460-41492-1

Method Blank - Batch: 460-116952

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-116952/1-A	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31239.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0330	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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	81	38 - 105
Phenol-d5	75	41 - 118
Terphenyl-d14	83	16 - 151
2,4,6-Tribromophenol	70	10 - 120
2-Fluorophenol	76	37 - 125
2-Fluorobiphenyl	78	40 - 109

Method Blank TICs- Batch: 460-116952

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.30	3300	A J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116952

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-116952/2-A	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31238.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0302	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	4230	64	54 - 115	
2-Chlorophenol	6670	4550	68	56 - 110	
2-Methylphenol	6670	4610	69	54 - 117	
4-Methylphenol	6670	4320	65	47 - 103	
Benzaldehyde	3330	4700	141	10 - 160	
Acetophenone	3330	2360	71	40 - 95	
Bis(2-chloroethyl)ether	3330	2290	69	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45 - 102	
N-Nitrosodi-n-propylamine	3330	2540	76	42 - 107	
Nitrobenzene	3330	2690	81	42 - 106	
Hexachloroethane	3330	2330	70	45 - 90	
Isophorone	3330	2460	74	48 - 97	
2-Nitrophenol	6670	4860	73	55 - 101	
2,4-Dimethylphenol	6670	4480	67	56 - 112	
2,4-Dichlorophenol	6670	4570	69	58 - 115	
Bis(2-chloroethoxy)methane	3330	2460	74	51 - 100	
Naphthalene	3330	2530	76	53 - 94	
4-Chloroaniline	3330	1680	50	10 - 96	
Hexachlorobutadiene	3330	2450	74	45 - 98	
Caprolactam	3330	2440	73	10 - 127	
4-Chloro-3-methylphenol	6670	4780	72	55 - 117	
2-Methylnaphthalene	3330	2400	72	51 - 98	
Hexachlorobenzene	3330	2590	78	43 - 104	
Hexachlorocyclopentadiene	3330	2130	64	24 - 98	
2,4,6-Trichlorophenol	6670	4740	71	53 - 118	
2,4,5-Trichlorophenol	6670	4710	71	50 - 115	
Diphenyl	3330	2610	78	50 - 105	
2-Chloronaphthalene	3330	2480	74	51 - 102	
2-Nitroaniline	3330	2470	74	51 - 109	
2,6-Dinitrotoluene	3330	2480	74	51 - 115	
Dimethyl phthalate	3330	2500	75	52 - 112	
Acenaphthylene	3330	2450	74	51 - 103	
3-Nitroaniline	3330	1770	53	32 - 104	
Acenaphthene	3330	2480	74	46 - 100	
4-Nitrophenol	6670	4740	71	45 - 114	
2,4-Dinitrophenol	6670	2110	32	10 - 129	
Dibenzofuran	3330	2470	74	52 - 106	
Diethyl phthalate	3330	2450	74	52 - 114	
Fluorene	3330	2530	76	51 - 108	
Fluoranthene	3330	2620	78	49 - 108	
Di-n-butyl phthalate	3330	2580	77	50 - 108	
2,4-Dinitrotoluene	3330	2480	74	53 - 110	
4-Chlorophenyl phenyl ether	3330	2470	74	50 - 106	
4-Nitroaniline	3330	2260	68	45 - 106	
4,6-Dinitro-2-methylphenol	6670	3540	53	10 - 110	
4-Bromophenyl phenyl ether	3330	2610	78	44 - 102	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116952

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-116952/2-A	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31238.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0302	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2120	64	30 - 100	
Anthracene	3330	2540	76	50 - 107	
Carbazole	3330	2590	78	49 - 104	
Phenanthrene	3330	2560	77	48 - 108	
Pentachlorophenol	6670	4550	68	19 - 113	
Pyrene	3330	2360	71	49 - 116	
Chrysene	3330	2600	78	45 - 114	
Benzo[k]fluoranthene	3330	2210	66	35 - 115	
Benzo[g,h,i]perylene	3330	2460	74	43 - 106	
Benzo[b]fluoranthene	3330	2250	68	33 - 96	
Benzo[a]pyrene	3330	2290	69	36 - 89	
Benzo[a]anthracene	3330	2440	73	46 - 112	
N-Nitrosodiphenylamine	3330	2720	82	49 - 106	
Butyl benzyl phthalate	3330	2420	72	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2450	73	49 - 119	
Di-n-octyl phthalate	3330	2110	63	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2180	65	43 - 109	
Dibenz(a,h)anthracene	3330	2440	73	43 - 107	
3,3'-Dichlorobenzidine	3330	2570	77	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2350	70	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2260	68	70 - 130	*

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	70	38 - 105
Phenol-d5	65	41 - 118
Terphenyl-d14	67	16 - 151
2,4,6-Tribromophenol	68	10 - 120
2-Fluorophenol	65	37 - 125
2-Fluorobiphenyl	71	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116952

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31241.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0426			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31242.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	70	77	54 - 115	8	30		
2-Chlorophenol	74	77	56 - 110	4	30		
2-Methylphenol	77	84	54 - 117	9	30		
4-Methylphenol	73	82	47 - 103	10	30		
Benzaldehyde	105	106	10 - 160	1	30		
Acetophenone	76	81	40 - 95	6	30		
Bis(2-chloroethyl)ether	72	75	44 - 101	3	30		
2,2'-oxybis[1-chloropropane]	78	81	45 - 102	3	30		
N-Nitrosodi-n-propylamine	82	85	42 - 107	3	30		
Nitrobenzene	84	84	42 - 106	0	30		
Hexachloroethane	64	64	45 - 90	0	30		
Isophorone	80	84	48 - 97	4	30		
2-Nitrophenol	76	77	55 - 101	1	30		
2,4-Dimethylphenol	76	81	56 - 112	5	30		
2,4-Dichlorophenol	74	80	58 - 115	8	30		
Bis(2-chloroethoxy)methane	80	84	51 - 100	4	30		
Naphthalene	79	80	53 - 94	2	30		
4-Chloroaniline	70	75	10 - 96	6	30		
Hexachlorobutadiene	71	71	45 - 98	1	30		
Caprolactam	75	87	10 - 127	14	30		
4-Chloro-3-methylphenol	80	91	55 - 117	12	30		
2-Methylnaphthalene	78	80	51 - 98	3	30		
Hexachlorobenzene	90	91	43 - 104	1	30		
Hexachlorocyclopentadiene	60	59	24 - 98	1	30		
2,4,6-Trichlorophenol	68	70	53 - 118	2	30		
2,4,5-Trichlorophenol	73	78	50 - 115	6	30		
Diphenyl	87	85	50 - 105	2	30		
2-Chloronaphthalene	82	83	51 - 102	1	30		
2-Nitroaniline	86	89	51 - 109	3	30		
2,6-Dinitrotoluene	86	92	51 - 115	6	30		
Dimethyl phthalate	86	91	52 - 112	5	30		
Acenaphthylene	83	84	51 - 103	1	30		
3-Nitroaniline	78	82	32 - 104	6	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116952

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31241.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0426			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31242.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	85	86	46 - 100	1	30		
4-Nitrophenol	77	81	45 - 114	5	30		
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U F	U F
Dibenzofuran	84	87	52 - 106	3	30		
Diethyl phthalate	85	90	52 - 114	6	30		
Fluorene	87	91	51 - 108	4	30		
Fluoranthene	93	93	49 - 108	1	30		
Di-n-butyl phthalate	90	91	50 - 108	1	30		
2,4-Dinitrotoluene	84	90	53 - 110	7	30		
4-Chlorophenyl phenyl ether	87	90	50 - 106	4	30		
4-Nitroaniline	79	83	45 - 106	4	30		
4,6-Dinitro-2-methylphenol	5	3	10 - 110	51	30	J F	J F
4-Bromophenyl phenyl ether	91	91	44 - 102	0	30		
Atrazine	66	69	30 - 100	5	30		
Anthracene	88	89	50 - 107	0	30		
Carbazole	92	92	49 - 104	0	30		
Phenanthrene	90	91	48 - 108	1	30		
Pentachlorophenol	44	35	19 - 113	24	30		
Pyrene	82	87	49 - 116	6	30		
Chrysene	88	90	45 - 114	2	30		
Benzo[k]fluoranthene	83	85	35 - 115	3	30		
Benzo[g,h,i]perylene	86	84	43 - 106	2	30		
Benzo[b]fluoranthene	75	78	33 - 96	4	30		
Benzo[a]pyrene	80	82	36 - 89	3	30		
Benzo[a]anthracene	86	86	46 - 112	0	30		
N-Nitrosodiphenylamine	94	96	49 - 106	2	30		
Butyl benzyl phthalate	83	87	49 - 117	4	30		
Bis(2-ethylhexyl) phthalate	83	87	49 - 119	5	30		
Di-n-octyl phthalate	75	80	40 - 106	6	30		
Indeno[1,2,3-cd]pyrene	73	77	43 - 109	5	30		
Dibenz(a,h)anthracene	87	85	43 - 107	2	30		
3,3'-Dichlorobenzidine	89	87	24 - 105	2	30		
1,2,4,5-Tetrachlorobenzene	77	74	70 - 130	4	30		

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116952

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31241.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0426			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117164	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-116952	Lab File ID:	p31242.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0454			Final Weight/Volume:	1 mL
Prep Date:	06/21/2012 1041			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	53	54	70 - 130	1	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	70	71	38 - 105
Phenol-d5	74	80	41 - 118
Terphenyl-d14	78	85	16 - 151
2,4,6-Tribromophenol	63	68	10 - 120
2-Fluorophenol	70	73	37 - 125
2-Fluorobiphenyl	74	74	40 - 109

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116952

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units:	ug/Kg	MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/22/2012 0426			Analysis Date:	06/22/2012 0454
Prep Date:	06/21/2012 1041			Prep Date:	06/21/2012 1041
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	51	U	7660	7660	5400		5870	
2-Chlorophenol	50	U	7660	7660	5700		5930	
2-Methylphenol	65	U	7660	7660	5870		6430	
4-Methylphenol	75	U	7660	7660	5630		6250	
Benzaldehyde	45	U	3830	3830	4020		4050	
Acetophenone	58	U	3830	3830	2910		3090	
Bis(2-chloroethyl)ether	5.2	U	3830	3830	2770		2860	
2,2'-oxybis[1-chloropropane]	42	U	3830	3830	3000		3100	
N-Nitrosodi-n-propylamine	6.3	U	3830	3830	3150		3260	
Nitrobenzene	5.4	U	3830	3830	3230		3230	
Hexachloroethane	4.2	U	3830	3830	2460		2470	
Isophorone	46	U	3830	3830	3080		3220	
2-Nitrophenol	42	U	7660	7660	5860		5930	
2,4-Dimethylphenol	94	U	7660	7660	5860		6180	
2,4-Dichlorophenol	56	U	7660	7660	5640		6120	
Bis(2-chloroethoxy)methane	49	U	3830	3830	3070		3200	
Naphthalene	44	U	3830	3830	3030		3080	
4-Chloroaniline	100	U	3830	3830	2690		2860	
Hexachlorobutadiene	9.3	U	3830	3830	2730		2720	
Caprolactam	88	U	3830	3830	2890		3330	
4-Chloro-3-methylphenol	57	U	7660	7660	6170		6990	
2-Methylnaphthalene	49	U	3830	3830	2980		3080	
Hexachlorobenzene	5.2	U	3830	3830	3450		3490	
Hexachlorocyclopentadiene	45	U	3830	3830	2290		2270	
2,4,6-Trichlorophenol	44	U	7660	7660	5240		5360	
2,4,5-Trichlorophenol	49	U	7660	7660	5620		5960	
Diphenyl	51	U	3830	3830	3330		3260	
2-Chloronaphthalene	42	U	3830	3830	3140		3160	
2-Nitroaniline	160	U	3830	3830	3300		3420	
2,6-Dinitrotoluene	11	U	3830	3830	3300		3510	
Dimethyl phthalate	45	U	3830	3830	3300		3470	
Acenaphthylene	45	U	3830	3830	3180		3210	
3-Nitroaniline	130	U	3830	3830	2970		3150	
Acenaphthene	55	U	3830	3830	3270		3300	
4-Nitrophenol	240	U	7660	7660	5920		6200	
2,4-Dinitrophenol	220	U	7660	7660	220	U F	220	U F
Dibenzofuran	45	U	3830	3830	3240		3340	
Diethyl phthalate	45	U	3830	3830	3270		3460	
Fluorene	49	U	3830	3830	3320		3470	
Fluoranthene	51	U	3830	3830	3580		3550	
Di-n-butyl phthalate	47	U	3830	3830	3460		3490	
2,4-Dinitrotoluene	13	U	3830	3830	3230		3450	
4-Chlorophenyl phenyl ether	45	U	3830	3830	3330		3460	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116952

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/22/2012 0426		
Prep Date:	06/21/2012 1041		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/22/2012 0454
Prep Date:	06/21/2012 1041
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	120	U	3830	3830	3040		3160	
4,6-Dinitro-2-methylphenol	100	U	7660	7660	394	J F	235	J F
4-Bromophenyl phenyl ether	38	U	3830	3830	3490		3490	
Atrazine	59	U	3830	3830	2520		2660	
Anthracene	46	U	3830	3830	3380		3390	
Carbazole	45	U	3830	3830	3520		3520	
Phenanthrene	58	J	3830	3830	3520		3530	
Pentachlorophenol	110	U	7660	7660	3380		2660	
Pyrene	32	U	3830	3830	3140		3340	
Chrysene	44	U	3830	3830	3370		3440	
Benzo[k]fluoranthene	2.9	U	3830	3830	3170		3250	
Benzo[g,h,i]perylene	28	U	3830	3830	3280		3230	
Benzo[b]fluoranthene	2.4	U	3830	3830	2860		2970	
Benzo[a]pyrene	2.7	U	3830	3830	3060		3150	
Benzo[a]anthracene	2.7	U	3830	3830	3300		3310	
N-Nitrosodiphenylamine	37	U	3830	3830	3600		3660	
Butyl benzyl phthalate	35	U	3830	3830	3190		3330	
Bis(2-ethylhexyl) phthalate	130	U	3830	3830	3170		3340	
Di-n-octyl phthalate	24	U	3830	3830	2870		3050	
Indeno[1,2,3-cd]pyrene	7.1	U	3830	3830	2800		2930	
Dibenz(a,h)anthracene	4.8	U	3830	3830	3350		3260	
3,3'-Dichlorobenzidine	130	U	3830	3830	3400		3330	
1,2,4,5-Tetrachlorobenzene	51	U	3830	3830	2940		2840	
2,3,4,6-Tetrachlorophenol	49	U	3830	3830	2040	F	2060	F

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116910

Method: 8081A
Preparation: 3541

Lab Sample ID:	MB 460-116910/1-A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xr135287.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1559	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			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	129	40 - 150
DCB Decachlorobiphenyl	129	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	128	40 - 150
DCB Decachlorobiphenyl	125	53 - 150

Lab Control Sample - Batch: 460-116910 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-116910/2-A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xf135272.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1233	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	164	123	58 - 143	
alpha-BHC	133	152	114	58 - 138	
beta-BHC	133	155	116	60 - 139	
delta-BHC	133	150	113	60 - 141	
gamma-BHC (Lindane)	133	152	114	58 - 136	
4,4'-DDD	133	165	124	63 - 150	
4,4'-DDE	133	169	127	58 - 150	
4,4'-DDT	133	155	116	57 - 150	
Dieldrin	133	146	109	55 - 128	
Endosulfan I	133	157	118	60 - 138	
Endosulfan II	133	151	113	59 - 133	
Endosulfan sulfate	133	148	111	56 - 133	
Endrin	133	153	115	61 - 150	
Endrin aldehyde	133	153	114	55 - 122	
Endrin ketone	133	156	117	62 - 139	
Heptachlor	133	153	115	58 - 137	
Heptachlor epoxide	133	157	117	59 - 136	
Methoxychlor	133	144	108	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	148	40 - 150
DCB Decachlorobiphenyl	136	53 - 150

Lab Control Sample - Batch: 460-116910 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-116910/2-A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xr135272.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1233	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	155	116	58 - 143	
alpha-BHC	133	148	111	58 - 138	
beta-BHC	133	151	114	60 - 139	
delta-BHC	133	147	110	60 - 141	
gamma-BHC (Lindane)	133	150	112	58 - 136	
4,4'-DDD	133	160	120	63 - 150	
4,4'-DDE	133	166	125	58 - 150	
4,4'-DDT	133	150	112	57 - 150	
Dieldrin	133	145	109	55 - 128	
Endosulfan I	133	157	118	60 - 138	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116910

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-116910/2-A	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xr135272.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1233	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	145	109	59 - 133	
Endosulfan sulfate	133	145	109	56 - 133	
Endrin	133	151	113	61 - 150	
Endrin aldehyde	133	148	111	55 - 122	
Endrin ketone	133	155	116	62 - 139	
Heptachlor	133	150	113	58 - 137	
Heptachlor epoxide	133	152	114	59 - 136	
Methoxychlor	133	139	104	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	139	40 - 150
DCB Decachlorobiphenyl	129	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116910

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xf135273.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/21/2012 1246			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xf135274.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/21/2012 1300			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	118	122	58 - 143	NC	30		
alpha-BHC	112	115	58 - 138	NC	30		
beta-BHC	110	112	60 - 139	NC	30		
delta-BHC	112	114	60 - 141	NC	30		
gamma-BHC (Lindane)	111	114	58 - 136	NC	30		
4,4'-DDD	117	121	63 - 150	NC	30		
4,4'-DDE	119	123	58 - 150	NC	30		
4,4'-DDT	111	115	57 - 150	NC	30		
Dieldrin	106	109	55 - 128	NC	30		
Endosulfan I	114	119	60 - 138	NC	30		
Endosulfan II	108	111	59 - 133	NC	30		
Endosulfan sulfate	108	110	56 - 133	NC	30		
Endrin	113	116	61 - 150	NC	30		
Endrin aldehyde	109	111	55 - 122	NC	30		
Endrin ketone	115	119	62 - 139	NC	30		
Heptachlor	113	118	58 - 137	NC	30		
Heptachlor epoxide	113	116	59 - 136	NC	30		
Methoxychlor	103	108	42 - 150	NC	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	140	148	40 - 150
DCB Decachlorobiphenyl	126	130	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116910

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xr135273.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/21/2012 1246			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117101	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116910	Lab File ID:	xr135274.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/21/2012 1300			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0559			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	112	113	58 - 143	NC	30		
alpha-BHC	107	109	58 - 138	NC	30		
beta-BHC	109	111	60 - 139	NC	30		
delta-BHC	109	110	60 - 141	NC	30		
gamma-BHC (Lindane)	108	111	58 - 136	NC	30		
4,4'-DDD	114	119	63 - 150	NC	30		
4,4'-DDE	116	119	58 - 150	NC	30		
4,4'-DDT	108	113	57 - 150	NC	30		
Dieldrin	104	107	55 - 128	NC	30		
Endosulfan I	114	117	60 - 138	NC	30		
Endosulfan II	105	108	59 - 133	NC	30		
Endosulfan sulfate	106	108	56 - 133	NC	30		
Endrin	112	115	61 - 150	NC	30		
Endrin aldehyde	105	107	55 - 122	NC	30		
Endrin ketone	114	117	62 - 139	NC	30		
Heptachlor	108	110	58 - 137	NC	30		
Heptachlor epoxide	110	112	59 - 136	NC	30		
Methoxychlor	103	106	42 - 150	NC	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	126	137	40 - 150
DCB Decachlorobiphenyl	120	124	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116910

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 1246		
Prep Date:	06/21/2012 0559		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 1300
Prep Date:	06/21/2012 0559
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	153	153	181	186
alpha-BHC	1.4	U	153	153	171	176
beta-BHC	1.0	U	153	153	169	171
delta-BHC	1.2	U	153	153	171	174
gamma-BHC (Lindane)	0.90	U	153	153	170	175
4,4'-DDD	0.92	U	153	153	179	185
4,4'-DDE	1.5	U	153	153	182	188
4,4'-DDT	0.96	U	153	153	170	176
Dieldrin	1.5	U	153	153	162	167
Endosulfan I	1.6	U	153	153	174	182
Endosulfan II	1.2	U	153	153	165	170
Endosulfan sulfate	0.99	U	153	153	164	169
Endrin	1.1	U	153	153	173	178
Endrin aldehyde	1.9	U	153	153	166	170
Endrin ketone	1.1	U	153	153	176	182
Heptachlor	1.1	U	153	153	173	181
Heptachlor epoxide	1.5	U	153	153	173	178
Methoxychlor	0.86	U	153	153	157	165

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116910

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 1246		
Prep Date:	06/21/2012 0559		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 1300
Prep Date:	06/21/2012 0559
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	153	153	170	174
alpha-BHC	1.4	U	153	153	164	167
beta-BHC	1.0	U	153	153	166	170
delta-BHC	1.2	U	153	153	167	168
gamma-BHC (Lindane)	0.90	U	153	153	165	169
4,4'-DDD	0.92	U	153	153	175	182
4,4'-DDE	1.5	U	153	153	178	182
4,4'-DDT	0.96	U	153	153	165	173
Dieldrin	1.5	U	153	153	159	165
Endosulfan I	1.6	U	153	153	174	179
Endosulfan II	1.2	U	153	153	161	166
Endosulfan sulfate	0.99	U	153	153	162	166
Endrin	1.1	U	153	153	170	177
Endrin aldehyde	1.9	U	153	153	161	164
Endrin ketone	1.1	U	153	153	174	179
Heptachlor	1.1	U	153	153	165	168
Heptachlor epoxide	1.5	U	153	153	167	172
Methoxychlor	0.86	U	153	153	157	162

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116911

Method: 8081A
Preparation: 3541

Lab Sample ID:	MB 460-116911/1-A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xr135341.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 1250	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			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	119	40 - 150
DCB Decachlorobiphenyl	116	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	113	40 - 150
DCB Decachlorobiphenyl	115	53 - 150

Lab Control Sample - Batch: 460-116911 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-116911/2-A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xf135318.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0733	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	152	114	58 - 143	
alpha-BHC	133	137	103	58 - 138	
beta-BHC	133	138	103	60 - 139	
delta-BHC	133	81.3	61	60 - 141	
gamma-BHC (Lindane)	133	138	104	58 - 136	
4,4'-DDD	133	147	110	63 - 150	
4,4'-DDE	133	155	116	58 - 150	
4,4'-DDT	133	150	112	57 - 150	
Dieldrin	133	134	101	55 - 128	
Endosulfan I	133	145	109	60 - 138	
Endosulfan II	133	137	103	59 - 133	
Endosulfan sulfate	133	110	82	56 - 133	
Endrin	133	150	112	61 - 150	
Endrin aldehyde	133	122	91	55 - 122	
Endrin ketone	133	130	98	62 - 139	
Heptachlor	133	153	115	58 - 137	
Heptachlor epoxide	133	146	109	59 - 136	
Methoxychlor	133	148	111	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	146	40 - 150
DCB Decachlorobiphenyl	119	53 - 150

Lab Control Sample - Batch: 460-116911 **Method: 8081A**
Preparation: 3541

Lab Sample ID:	LCS 460-116911/2-A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xr135318.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0733	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	135	101	58 - 143	
alpha-BHC	133	129	97	58 - 138	
beta-BHC	133	136	102	60 - 139	
delta-BHC	133	80.3	60	60 - 141	
gamma-BHC (Lindane)	133	127	96	58 - 136	
4,4'-DDD	133	139	104	63 - 150	
4,4'-DDE	133	141	106	58 - 150	
4,4'-DDT	133	134	100	57 - 150	
Dieldrin	133	124	93	55 - 128	
Endosulfan I	133	137	103	60 - 138	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Lab Control Sample - Batch: 460-116911

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-116911/2-A	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xr135318.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/22/2012 0733	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	126	95	59 - 133	
Endosulfan sulfate	133	99.2	74	56 - 133	
Endrin	133	140	105	61 - 150	
Endrin aldehyde	133	116	87	55 - 122	
Endrin ketone	133	121	91	62 - 139	
Heptachlor	133	136	102	58 - 137	
Heptachlor epoxide	133	133	100	59 - 136	
Methoxychlor	133	130	97	42 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	128	40 - 150
DCB Decachlorobiphenyl	119	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116911

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xf135319.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/22/2012 0746			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xf135320.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0800			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	109	110	58 - 143	1	30		
alpha-BHC	103	104	58 - 138	1	30		
beta-BHC	100	102	60 - 139	2	30		
delta-BHC	86	87	60 - 141	2	30		
gamma-BHC (Lindane)	103	104	58 - 136	1	30		
4,4'-DDD	105	105	63 - 150	0	30		
4,4'-DDE	110	110	58 - 150	0	30		
4,4'-DDT	106	106	57 - 150	0	30		
Dieldrin	96	97	55 - 128	0	30		
Endosulfan I	105	106	60 - 138	0	30		
Endosulfan II	99	98	59 - 133	1	30		
Endosulfan sulfate	89	88	56 - 133	1	30		
Endrin	108	108	61 - 150	0	30		
Endrin aldehyde	92	90	55 - 122	1	30		
Endrin ketone	98	96	62 - 139	2	30		
Heptachlor	111	113	58 - 137	2	30		
Heptachlor epoxide	105	106	59 - 136	1	30		
Methoxychlor	103	103	42 - 150	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	133	135	40 - 150
DCB Decachlorobiphenyl	110	107	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116911

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xr135319.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/22/2012 0746			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117312	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-116911	Lab File ID:	xr135320.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/22/2012 0800			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0624			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	98	58 - 138	2	30		
beta-BHC	97	99	60 - 139	2	30		
delta-BHC	76	80	60 - 141	6	30		
gamma-BHC (Lindane)	95	97	58 - 136	2	30		
4,4'-DDD	96	97	63 - 150	1	30		
4,4'-DDE	99	100	58 - 150	1	30		
4,4'-DDT	94	94	57 - 150	0	30		
Dieldrin	88	90	55 - 128	1	30		
Endosulfan I	97	100	60 - 138	3	30		
Endosulfan II	89	89	59 - 133	0	30		
Endosulfan sulfate	80	79	56 - 133	1	30		
Endrin	99	100	61 - 150	1	30		
Endrin aldehyde	87	86	55 - 122	1	30		
Endrin ketone	91	90	62 - 139	1	30		
Heptachlor	97	99	58 - 137	2	30		
Heptachlor epoxide	97	98	59 - 136	2	30		
Methoxychlor	89	88	42 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	125	125	40 - 150
DCB Decachlorobiphenyl	108	106	53 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116911

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/22/2012 0746		
Prep Date:	06/21/2012 0624		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/22/2012 0800
Prep Date:	06/21/2012 0624
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	155	156	169	171
alpha-BHC	1.4	U	155	156	160	162
beta-BHC	1.1	U	155	156	156	159
delta-BHC	1.2	U	155	156	133	136
gamma-BHC (Lindane)	0.91	U	155	156	160	162
4,4'-DDD	0.93	U	155	156	163	163
4,4'-DDE	1.5	U	155	156	170	171
4,4'-DDT	0.98	U	155	156	164	165
Dieldrin	1.5	U	155	156	150	150
Endosulfan I	1.6	U	155	156	163	164
Endosulfan II	1.2	U	155	156	153	152
Endosulfan sulfate	1.0	U	155	156	138	137
Endrin	1.1	U	155	156	167	167
Endrin aldehyde	2.0	U	155	156	142	141
Endrin ketone	1.2	U	155	156	151	149
Heptachlor	1.1	U	155	156	173	175
Heptachlor epoxide	1.6	U	155	156	163	165
Methoxychlor	0.88	U	155	156	160	160

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116911

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/22/2012 0746		
Prep Date:	06/21/2012 0624		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/22/2012 0800
Prep Date:	06/21/2012 0624
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.7	U	155	156	150	153
alpha-BHC	1.4	U	155	156	150	152
beta-BHC	1.1	U	155	156	151	153
delta-BHC	1.2	U	155	156	118	125
gamma-BHC (Lindane)	0.91	U	155	156	147	150
4,4'-DDD	0.93	U	155	156	149	150
4,4'-DDE	1.5	U	155	156	154	155
4,4'-DDT	0.98	U	155	156	146	147
Dieldrin	1.5	U	155	156	137	139
Endosulfan I	1.6	U	155	156	151	155
Endosulfan II	1.2	U	155	156	138	138
Endosulfan sulfate	1.0	U	155	156	125	124
Endrin	1.1	U	155	156	154	156
Endrin aldehyde	2.0	U	155	156	135	134
Endrin ketone	1.2	U	155	156	141	139
Heptachlor	1.1	U	155	156	151	154
Heptachlor epoxide	1.6	U	155	156	150	153
Methoxychlor	0.88	U	155	156	138	137

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116907

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-116907/1-A	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qr086508.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 2009	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			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	72	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	30 - 150

Lab Control Sample - Batch: 460-116907 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-116907/2-A	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qf086509.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 2030	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	408	122	60 - 144	
Aroclor 1260	333	406	122	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	105	30 - 150

Lab Control Sample - Batch: 460-116907 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-116907/2-A	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qr086509.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 2030	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	386	116	60 - 144	
Aroclor 1260	333	365	109	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116907

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qr086510.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/21/2012 2045			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qf086511.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/21/2012 2107			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	112	113	60 - 144	1	30		
Aroclor 1260	94	105	63 - 143	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	76	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116907

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qf086510.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/21/2012 2045			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-117281	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-116907	Lab File ID:	qr086511.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/21/2012 2107			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0537			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	101	108	60 - 144	7	30		
Aroclor 1260	91	94	63 - 143	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	72	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116907

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 2045		
Prep Date:	06/21/2012 0537		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 2107
Prep Date:	06/21/2012 0537
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	15	U	388	389	436	440
Aroclor 1260	8.7	U	388	389	363	407

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116907

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-8	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 2045		
Prep Date:	06/21/2012 0537		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 2107
Prep Date:	06/21/2012 0537
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	15	U	388	389	393	420
Aroclor 1260	8.7	U	388	389	354	364

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116909

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-116909/1-A	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vr475393.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1914	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			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	135	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	30 - 150

Lab Control Sample - Batch: 460-116909 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-116909/2-A	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vf475394.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1930	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	415	124	60 - 144	
Aroclor 1260	333	446	134	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	138	30 - 150

Lab Control Sample - Batch: 460-116909 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-116909/2-A	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vr475394.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 1930	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	414	124	60 - 144	
Aroclor 1260	333	436	131	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	131	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116909

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vr475396.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 2002			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vr475397.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/21/2012 2018			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	120	107	60 - 144	12	30		
Aroclor 1260	126	109	63 - 143	15	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	116	108	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116909

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vf475396.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/21/2012 2002			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-117069	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-116909	Lab File ID:	vf475397.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/21/2012 2018			Final Weight/Volume:	10 mL
Prep Date:	06/21/2012 0551			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	110	106	60 - 144	4	30		
Aroclor 1260	124	108	63 - 143	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	123	114	30 - 150

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116909

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 2002		
Prep Date:	06/21/2012 0551		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 2018
Prep Date:	06/21/2012 0551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	15	U	383	382	460	408
Aroclor 1260	8.6	U	383	382	481	415

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-116909

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-41492-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/21/2012 2002		
Prep Date:	06/21/2012 0551		
Leach Date:	N/A		

MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/21/2012 2018
Prep Date:	06/21/2012 0551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	15	U	383	382	422	406
Aroclor 1260	8.6	U	383	382	474	415

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-117307/1-A ^2	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/25/2012 2220	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
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: 460-41492-1

LCS-Certified Reference Material - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	06/25/2012 2210	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9900	8198	83	45 - 154	
Antimony	111	176.5	159	20 - 253	
Arsenic	232	223.5	96	71 - 129	
Barium	247	249.6	101	74 - 126	
Beryllium	91.5	91.57	100	74 - 125	
Cadmium	187	191.1	102	73 - 126	
Calcium	6710	6782	101	74 - 125	
Chromium	125	130.7	104	70 - 129	
Cobalt	175	184.9	106	74 - 125	
Copper	121	122.5	102	75 - 125	
Iron	12800	13330	104	33 - 167	
Lead	101	105.1	104	71 - 128	
Magnesium	2930	2759	94	66 - 134	
Manganese	326	347.5	106	75 - 124	
Nickel	116	123.6	107	73 - 127	
Potassium	2810	2576	92	62 - 137	
Selenium	108	102.3	95	66 - 134	
Silver	46.4	45.84	99	66 - 133	
Sodium	539	504.7	94	52 - 147	J
Thallium	155	169.2	109	68 - 131	
Vanadium	117	119.8	103	68 - 131	
Zinc	179	180.4	101	69 - 130	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	06/25/2012 2159	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8690		225	10360	743	75 - 125	4
Antimony	1.4	U	56.1	34.54	62	75 - 125	F
Arsenic	1.6		225	201.2	89	75 - 125	
Barium	87.1		225	310.3	99	75 - 125	
Beryllium	0.16	U	5.61	5.36	96	75 - 125	
Cadmium	0.16	U	5.61	5.34	95	75 - 125	
Calcium	1930		2250	4226	102	75 - 125	
Chromium	24.1		22.5	48.26	108	75 - 125	
Cobalt	6.5	J	56.1	62.00	99	75 - 125	
Copper	20.6		28.1	48.21	98	75 - 125	
Iron	13600		112	15430	1668	75 - 125	4
Lead	5.4		56.1	60.77	99	75 - 125	
Magnesium	3780		2250	6160	106	75 - 125	
Manganese	172		56.1	238.0	117	75 - 125	
Nickel	18.0		56.1	74.15	100	75 - 125	
Potassium	1820		2250	4123	103	75 - 125	
Selenium	1.5	U	225	197.3	88	75 - 125	
Silver	0.22	U	5.61	5.27	94	75 - 125	
Sodium	176	U	2250	2154	96	75 - 125	
Thallium	1.3	U	225	225.5	100	75 - 125	
Vanadium	24.9		56.1	79.54	97	75 - 125	
Zinc	35.6		56.1	90.86	98	75 - 125	

Post Digestion Spike - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2203	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8690		445	9024	NC	75 - 125	
Antimony	1.4	U	111	95.24	86	75 - 125	
Arsenic	1.6		445	399.0	89	75 - 125	
Barium	87.1		445	509.1	95	75 - 125	
Beryllium	0.16	U	11.1	10.54	95	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Post Digestion Spike - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2203	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.16	U	11.1	10.56	95	75 - 125	
Calcium	1930		4450	6148	95	75 - 125	
Chromium	24.1		44.5	66.39	95	75 - 125	
Cobalt	6.5	J	111	112.7	95	75 - 125	
Copper	20.6		55.6	72.18	93	75 - 125	
Iron	13600		222	13620	NC	75 - 125	
Lead	5.4		111	112.9	97	75 - 125	
Magnesium	3780		4450	7756	89	75 - 125	
Manganese	172		111	279.4	96	75 - 125	
Nickel	18.0		111	125.5	97	75 - 125	
Potassium	1820		4450	5863	91	75 - 125	
Selenium	1.5	U	445	393.7	89	75 - 125	
Silver	0.22	U	11.1	10.46	94	75 - 125	
Sodium	176	U	4450	4157	93	75 - 125	
Thallium	1.3	U	445	442.6	100	75 - 125	
Vanadium	24.9		111	128.3	93	75 - 125	
Zinc	35.6		111	139.5	93	75 - 125	

Duplicate - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	06/25/2012 2148	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	8690		9497	9	20	
Antimony	1.4	U	1.4	NC	20	U
Arsenic	1.6		1.59	0.01	20	
Barium	87.1		96.19	10	20	
Beryllium	0.16	U	0.16	NC	20	U
Cadmium	0.16	U	0.16	NC	20	U
Calcium	1930		1967	2	20	
Chromium	24.1		25.93	7	20	
Cobalt	6.5	J	10.30	45	20	J
Copper	20.6		22.79	10	20	
Iron	13600		15330	12	20	
Lead	5.4		6.20	13	20	
Magnesium	3780		4060	7	20	
Manganese	172		184.5	7	20	
Nickel	18.0		19.92	10	20	
Potassium	1820		1902	4	20	
Selenium	1.5	U	1.4	NC	20	U
Silver	0.22	U	0.22	NC	20	U
Sodium	176	U	172	NC	20	U
Thallium	1.3	U	1.2	NC	20	U
Vanadium	24.9		25.80	3	20	
Zinc	35.6		37.78	6	20	

Serial Dilution - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2156	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	8690		8779	0.97	10	
Antimony	1.4	U	6.9	NC	10	U
Arsenic	1.6		5.2	NC	10	U
Barium	87.1		87.40	0.32	10	J
Beryllium	0.16	U	0.80	NC	10	U
Cadmium	0.16	U	0.82	NC	10	U
Calcium	1930		1934	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Serial Dilution - Batch: 460-117307

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-8	Analysis Batch:	460-117430	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117307	Lab File ID:	06252012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/25/2012 2156	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/25/2012 0830				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	24.1		23.88	NC	10	
Cobalt	6.5	J	6.68	NC	10	J
Copper	20.6		22.75	NC	10	J
Iron	13600		13720	1.2	10	
Lead	5.4		6.46	NC	10	
Magnesium	3780		3856	NC	10	J
Manganese	172		173.9	1.0	10	
Nickel	18.0		18.28	NC	10	J
Potassium	1820		1868	NC	10	J
Selenium	1.5	U	7.3	NC	10	U
Silver	0.22	U	1.1	NC	10	U
Sodium	176	U	879	NC	10	U
Thallium	1.3	U	6.3	NC	10	U
Vanadium	24.9		25.03	NC	10	J
Zinc	35.6		36.26	NC	10	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-117425/1-A ^2	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/26/2012 1728	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
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: 460-41492-1

LCS-Certified Reference Material - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/26/2012 1717	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10100	6332	63	45 - 154	
Antimony	113	180.8	160	20 - 253	
Arsenic	237	225.8	95	71 - 129	
Barium	252	245.4	97	74 - 126	
Beryllium	93.3	93.06	100	74 - 125	
Cadmium	191	194.5	102	73 - 126	
Calcium	6840	6876	101	74 - 125	
Chromium	128	128.0	100	70 - 129	
Cobalt	178	185.6	104	74 - 125	
Copper	123	124.1	101	75 - 125	
Iron	13100	11600	89	33 - 167	
Lead	103	105.3	102	71 - 128	
Magnesium	2990	2540	85	66 - 134	
Manganese	333	341.6	103	75 - 124	
Nickel	118	123.5	105	73 - 127	
Potassium	2870	2322	81	62 - 137	
Selenium	110	103.1	94	66 - 134	
Silver	47.3	45.54	96	66 - 133	
Sodium	550	507.0	92	52 - 147	J
Thallium	158	171.2	108	68 - 131	
Vanadium	119	116.5	98	68 - 131	
Zinc	183	178.8	98	69 - 130	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	06/26/2012 1707	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7610		221	8741	511	75 - 125	4
Antimony	1.3	U	55.3	37.78	68	75 - 125	F
Arsenic	1.4		221	205.2	92	75 - 125	
Barium	54.2		221	275.7	100	75 - 125	
Beryllium	0.15	U	5.53	5.53	100	75 - 125	
Cadmium	0.16	U	5.53	5.53	100	75 - 125	
Calcium	1510		2210	3723	100	75 - 125	
Chromium	15.4		22.1	36.39	95	75 - 125	
Cobalt	5.5	J	55.3	60.11	99	75 - 125	
Copper	13.4		27.6	40.48	98	75 - 125	
Iron	12300		111	12950	583	75 - 125	4
Lead	4.5		55.3	61.02	102	75 - 125	
Magnesium	3030		2210	5005	89	75 - 125	
Manganese	222		55.3	323.6	184	75 - 125	4
Nickel	12.5		55.3	67.76	100	75 - 125	
Potassium	1390		2210	3451	93	75 - 125	
Selenium	1.4	U	221	200.1	91	75 - 125	
Silver	0.21	U	5.53	4.95	90	75 - 125	
Sodium	170	U	2210	2174	98	75 - 125	
Thallium	1.2	U	221	227.3	103	75 - 125	
Vanadium	18.0		55.3	71.58	97	75 - 125	
Zinc	27.3		55.3	81.60	98	75 - 125	

Post Digestion Spike - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	06/26/2012 1710	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7610		430	7946	NC	75 - 125	
Antimony	1.3	U	107	95.27	89	75 - 125	
Arsenic	1.4		430	395.4	92	75 - 125	
Barium	54.2		430	472.3	97	75 - 125	
Beryllium	0.15	U	10.7	10.53	98	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Post Digestion Spike - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	06/26/2012 1710	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.16	U	10.7	10.52	98	75 - 125	
Calcium	1510		4300	5724	98	75 - 125	
Chromium	15.4		43.0	56.55	96	75 - 125	
Cobalt	5.5	J	107	110.0	97	75 - 125	
Copper	13.4		53.7	66.44	99	75 - 125	
Iron	12300		215	12330	NC	75 - 125	
Lead	4.5		107	110.7	99	75 - 125	
Magnesium	3030		4300	6893	90	75 - 125	
Manganese	222		107	327.0	98	75 - 125	
Nickel	12.5		107	117.8	98	75 - 125	
Potassium	1390		4300	5380	93	75 - 125	
Selenium	1.4	U	430	387.8	90	75 - 125	
Silver	0.21	U	10.7	9.97	93	75 - 125	
Sodium	170	U	4300	4119	96	75 - 125	
Thallium	1.2	U	430	434.7	101	75 - 125	
Vanadium	18.0		107	119.6	95	75 - 125	
Zinc	27.3		107	130.0	96	75 - 125	

Duplicate - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	06/26/2012 1656	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	7610		7489	2	20	
Antimony	1.3	U	1.4	NC	20	U
Arsenic	1.4		1.14	21	20	
Barium	54.2		51.14	6	20	
Beryllium	0.15	U	0.16	NC	20	U
Cadmium	0.16	U	0.17	NC	20	U
Calcium	1510		1465	3	20	
Chromium	15.4		14.56	6	20	
Cobalt	5.5	J	5.48	0.7	20	J
Copper	13.4		13.42	0.4	20	
Iron	12300		12450	1	20	
Lead	4.5		4.89	8	20	
Magnesium	3030		2955	2	20	
Manganese	222		194.1	13	20	
Nickel	12.5		12.12	3	20	
Potassium	1390		1317	5	20	
Selenium	1.4	U	1.5	NC	20	U
Silver	0.21	U	0.22	NC	20	U
Sodium	170	U	176	NC	20	U
Thallium	1.2	U	1.3	NC	20	U
Vanadium	18.0		17.33	4	20	
Zinc	27.3		26.63	2	20	

Serial Dilution - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	06/26/2012 1703	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	7610		7703	1.2	10	
Antimony	1.3	U	6.7	NC	10	U
Arsenic	1.4		5.0	NC	10	U
Barium	54.2		54.21	NC	10	J
Beryllium	0.15	U	0.77	NC	10	U
Cadmium	0.16	U	0.80	NC	10	U
Calcium	1510		1531	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Serial Dilution - Batch: 460-117425

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117594	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-117425	Lab File ID:	06262012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	06/26/2012 1703	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/26/2012 0655				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	15.4		15.34	NC	10	
Cobalt	5.5	J	5.27	NC	10	J
Copper	13.4		15.21	NC	10	J
Iron	12300		12450	1.2	10	
Lead	4.5		4.82	NC	10	J
Magnesium	3030		3075	NC	10	J
Manganese	222		223.7	0.77	10	
Nickel	12.5		12.84	NC	10	J
Potassium	1390		1383	NC	10	J
Selenium	1.4	U	7.1	NC	10	U
Silver	0.21	U	1.1	NC	10	U
Sodium	170	U	849	NC	10	U
Thallium	1.2	U	6.1	NC	10	U
Vanadium	18.0		17.50	NC	10	J
Zinc	27.3		31.16	NC	10	J

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116861

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-116861/10-A	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2048	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-116861

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2050	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.4	11.62	94	51 - 148	

Matrix Spike - Batch: 460-116861

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-8	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2058	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.026	U	0.195	0.188	97	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-116861

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-8	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2055	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.026	U	0.026	NC	20	U

Serial Dilution - Batch: 460-116861

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-8	Analysis Batch:	460-116890	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-116861	Lab File ID:	116853HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2012 2133	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/20/2012 1647				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.026	U	0.13	NC		U

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-116968

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-116968/1-A	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1408	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-116968

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1410	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.4	12.57	101	51 - 148	

Matrix Spike - Batch: 460-116968

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1416	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.025	U	0.192	0.209	109	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-116968

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1414	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.025	U	0.025	NC	20	U

Serial Dilution - Batch: 460-116968

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41492-21	Analysis Batch:	460-117019	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-116968	Lab File ID:	116950hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/21/2012 1446	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/21/2012 1120				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.025	U	0.13	NC		U

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-117140

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-117140/1-A	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/22/2012 1453	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-117140

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/22/2012 1455	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.4	12.23	99	51 - 148	

Matrix Spike - Batch: 460-117140

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41546-A-5-C MS	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/22/2012 1501	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.023	U	0.176	0.172	98	75 - 125	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-117140

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41546-A-5-B DU	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/22/2012 1459	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.023	U	0.023	NC	20	U

Serial Dilution - Batch: 460-117140

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-41546-A-5-A SD ^5	Analysis Batch:	460-117198	Instrument ID:	LEEMAN3
Client Matrix:	Solid	Prep Batch:	460-117140	Lab File ID:	117140hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/22/2012 1535	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	06/22/2012 1041				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.023	U	0.12	NC		U

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-118019

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118019/1-A	Analysis Batch:	460-118081	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118019	Lab File ID:	C120629A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/29/2012 1512	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/29/2012 0930				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118019

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118019/2-A	Analysis Batch:	460-118081	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118019	Lab File ID:	C120629A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/29/2012 1513	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/29/2012 0930				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.35	108	90 - 110	

High Level Control Sample - Batch: 460-118019

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118019/3-A	Analysis Batch:	460-118081	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118019	Lab File ID:	C120629A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/29/2012 1514	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/29/2012 0930				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	10.11	101	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118019

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	200-11382-A-2-D MS	Analysis Batch:	460-118081	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118019	Lab File ID:	C120629A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/29/2012 1515			Final Weight/Volume:	50.0 mL
Prep Date:	06/29/2012 0930				
Leach Date:	N/A				

MSD Lab Sample ID:	200-11382-A-2-E MSD	Analysis Batch:	460-118081	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118019	Lab File ID:	C120629A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/29/2012 1517			Final Weight/Volume:	50.0 mL
Prep Date:	06/29/2012 0930				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	100	98	85 - 115	2	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118019

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	200-11382-A-2-D MS	Units:	mg/Kg	MSD Lab Sample ID:	200-11382-A-2-E MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/29/2012 1515			Analysis Date:	06/29/2012 1517
Prep Date:	06/29/2012 0930			Prep Date:	06/29/2012 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	0.71	11.4	11.4	12.11	11.89

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-118125

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118125/1-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118125	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1350	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118125

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118125/2-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118125	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1351	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.35	108	90 - 110	

High Level Control Sample - Batch: 460-118125

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118125/3-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118125	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1352	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.87	99	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118125

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41469-G-1-E MS	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118125	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1353			Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41469-G-1-F MSD	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118125	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1354			Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	111	105	85 - 115	6	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118125

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41469-G-1-E MS	Units:	mg/Kg	MSD Lab Sample ID:	460-41469-G-1-F MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/30/2012 1353			Analysis Date:	06/30/2012 1354
Prep Date:	06/30/2012 0630			Prep Date:	06/30/2012 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	0.057	U	10.6	10.6	11.77	11.12

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-118127

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118127/1-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118127	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1338	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118127

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118127/2-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118127	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1339	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.34	107	90 - 110	

High Level Control Sample - Batch: 460-118127

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118127/3-A	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118127	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1341	Units:	mg/Kg	Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.78	98	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118127

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-16	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118127	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1342			Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-16	Analysis Batch:	460-118146	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118127	Lab File ID:	C120630.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	06/30/2012 1343			Final Weight/Volume:	50.0 mL
Prep Date:	06/30/2012 0630				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	104	103	85 - 115	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118127

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-16	Units:	mg/Kg	MSD Lab Sample ID:	460-41492-16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/30/2012 1342			Analysis Date:	06/30/2012 1343
Prep Date:	06/30/2012 0630			Prep Date:	06/30/2012 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	0.058	U	10.7	10.7	11.13	11.03

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-118142

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118142/1-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118142	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1439	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118142

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118142/2-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118142	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1440	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.25	1.25	100	90 - 110	

High Level Control Sample - Batch: 460-118142

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118142/3-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118142	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1441	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.72	97	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118142

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-8	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118142	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1442			Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-8	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118142	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1443			Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	102	104	85 - 115	2	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118142

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-8	Units:	mg/Kg	MSD Lab Sample ID:	460-41492-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/30/2012 1442			Analysis Date:	06/30/2012 1443
Prep Date:	06/30/2012 1215			Prep Date:	06/30/2012 1215
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	0.063	U	11.7	11.7	11.94	12.14

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Method Blank - Batch: 460-118143

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-118143/1-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118143	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1458	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.054	U	0.054	0.50

Low Level Control Sample - Batch: 460-118143

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-118143/2-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118143	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1459	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
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: 460-118143

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-118143/3-A	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118143	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1503	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	10.0	9.70	97	90 - 110	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118143

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-21	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118143	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1504			Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

MSD Lab Sample ID:	460-41492-21	Analysis Batch:	460-118149	Instrument ID:	Lachat2
Client Matrix:	Solid	Prep Batch:	460-118143	Lab File ID:	C120630A.FDT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	06/30/2012 1505			Final Weight/Volume:	50 mL
Prep Date:	06/30/2012 1215				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	99	100	85 - 115	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-118143

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-41492-21	Units:	mg/Kg	MSD Lab Sample ID:	460-41492-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/30/2012 1504			Analysis Date:	06/30/2012 1505
Prep Date:	06/30/2012 1215			Prep Date:	06/30/2012 1215
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	0.19	J	11.5	11.5	11.57	11.72

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-116996

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41492-21	Analysis Batch:	460-116996	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:	06/21/2012 1329	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.0	13.0	0	20	
Percent Solids	87.0	87.0	0	20	

Duplicate - Batch: 460-116996

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41492-8DU	Analysis Batch:	460-116996	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:	06/21/2012 1329	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture		14.4		20	
Percent Solids		85.6		20	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-117016

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41495-A-9 DU	Analysis Batch:	460-117016	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:	06/21/2012 1437	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	9.2	8.9	3	20	
Percent Solids	90.8	91.1	0.3	20	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Duplicate - Batch: 460-117685

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-41642-A-2 DU	Analysis Batch:	460-117685	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:	06/27/2012 1429	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	67.2	66.2	1	20	
Percent Solids	32.8	33.8	3	20	

DATA REPORTING QUALIFIERS

Client: Carlin, Simpson and Associates Job Number: 460-41492-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	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.
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.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
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
	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: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-116713					
LB3 460-116713/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-41492-1	SF-1	T	Solid	5035	
460-41492-2	SF-2	T	Solid	5035	
460-41492-3	SF-3	T	Solid	5035	
460-41492-4	SF-4	T	Solid	5035	
460-41492-5	SF-5	T	Solid	5035	
460-41492-6	SF-6	T	Solid	5035	
460-41492-7	SF-7	T	Solid	5035	
460-41492-8	SF-8	T	Solid	5035	
460-41492-8MS	Matrix Spike	T	Solid	5035	
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	5035	
460-41492-9	SF-9	T	Solid	5035	
460-41492-10	SF-10	T	Solid	5035	
460-41492-11	SF-11	T	Solid	5035	
460-41492-12	SF-12	T	Solid	5035	
460-41492-13	SF-13	T	Solid	5035	
460-41492-14	SF-14	T	Solid	5035	
460-41492-15	FD-C	T	Solid	5035	
460-41492-16	F-1	T	Solid	5035	
460-41492-17	F-2	T	Solid	5035	
460-41492-19	F-4	T	Solid	5035	
460-41492-20	F-5	T	Solid	5035	
460-41492-21	F-6	T	Solid	5035	
460-41492-21MS	Matrix Spike	T	Solid	5035	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	5035	
460-41492-22	F-7	T	Solid	5035	
460-41492-23	FD-D	T	Solid	5035	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-117294					
LCS 460-117294/3	Lab Control Sample	T	Solid	8260B	
MB 460-117294/5	Method Blank	T	Solid	8260B	
LB3 460-116713/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-116713
460-41492-1	SF-1	T	Solid	8260B	460-116713
460-41492-2	SF-2	T	Solid	8260B	460-116713
460-41492-3	SF-3	T	Solid	8260B	460-116713
460-41492-4	SF-4	T	Solid	8260B	460-116713
460-41492-5	SF-5	T	Solid	8260B	460-116713
460-41492-6	SF-6	T	Solid	8260B	460-116713
460-41492-7	SF-7	T	Solid	8260B	460-116713
460-41492-8	SF-8	T	Solid	8260B	460-116713
460-41492-8MS	Matrix Spike	T	Solid	8260B	460-116713
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	8260B	460-116713
460-41492-9	SF-9	T	Solid	8260B	460-116713
460-41492-10	SF-10	T	Solid	8260B	460-116713
460-41492-11	SF-11	T	Solid	8260B	460-116713
460-41492-12	SF-12	T	Solid	8260B	460-116713
460-41492-13	SF-13	T	Solid	8260B	460-116713
460-41492-14	SF-14	T	Solid	8260B	460-116713
460-41492-15	FD-C	T	Solid	8260B	460-116713
Analysis Batch:460-117463					
LCS 460-117463/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-117463/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-117463/5	Method Blank	T	Solid	8260B	
460-41492-16	F-1	T	Solid	8260B	460-116713
460-41492-17	F-2	T	Solid	8260B	460-116713
460-41492-19	F-4	T	Solid	8260B	460-116713
460-41492-20	F-5	T	Solid	8260B	460-116713
460-41492-22	F-7	T	Solid	8260B	460-116713
460-41492-23	FD-D	T	Solid	8260B	460-116713
Analysis Batch:460-117746					
LCS 460-117746/3	Lab Control Sample	T	Solid	8260B	
MB 460-117746/5	Method Blank	T	Solid	8260B	
460-41492-21	F-6	T	Solid	8260B	460-116713
460-41492-21MS	Matrix Spike	T	Solid	8260B	460-116713
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	8260B	460-116713

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-116951					
LCS 460-116951/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116951/1-A	Method Blank	T	Solid	3541	
460-41492-1	SF-1	T	Solid	3541	
460-41492-2	SF-2	T	Solid	3541	
460-41492-3	SF-3	T	Solid	3541	
460-41492-4	SF-4	T	Solid	3541	
460-41492-5	SF-5	T	Solid	3541	
460-41492-6	SF-6	T	Solid	3541	
460-41492-7	SF-7	T	Solid	3541	
460-41492-8	SF-8	T	Solid	3541	
460-41492-8MS	Matrix Spike	T	Solid	3541	
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-9	SF-9	T	Solid	3541	
460-41492-10	SF-10	T	Solid	3541	
460-41492-11	SF-11	T	Solid	3541	
460-41492-12	SF-12	T	Solid	3541	
460-41492-13	SF-13	T	Solid	3541	
460-41492-14	SF-14	T	Solid	3541	
460-41492-15	FD-C	T	Solid	3541	
460-41492-16	F-1	T	Solid	3541	
460-41492-17	F-2	T	Solid	3541	
460-41492-19	F-4	T	Solid	3541	
460-41492-20	F-5	T	Solid	3541	
460-41492-22	F-7	T	Solid	3541	
Prep Batch: 460-116952					
LCS 460-116952/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116952/1-A	Method Blank	T	Solid	3541	
460-41492-21	F-6	T	Solid	3541	
460-41492-21MS	Matrix Spike	T	Solid	3541	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-23	FD-D	T	Solid	3541	
Analysis Batch:460-117164					
LCS 460-116952/2-A	Lab Control Sample	T	Solid	8270C	460-116952
MB 460-116952/1-A	Method Blank	T	Solid	8270C	460-116952
460-41492-21	F-6	T	Solid	8270C	460-116952
460-41492-21MS	Matrix Spike	T	Solid	8270C	460-116952
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	8270C	460-116952
460-41492-23	FD-D	T	Solid	8270C	460-116952

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-117392					
LCS 460-116951/2-A	Lab Control Sample	T	Solid	8270C	460-116951
MB 460-116951/1-A	Method Blank	T	Solid	8270C	460-116951
460-41492-1	SF-1	T	Solid	8270C	460-116951
460-41492-2	SF-2	T	Solid	8270C	460-116951
460-41492-3	SF-3	T	Solid	8270C	460-116951
460-41492-4	SF-4	T	Solid	8270C	460-116951
460-41492-5	SF-5	T	Solid	8270C	460-116951
460-41492-6	SF-6	T	Solid	8270C	460-116951
460-41492-7	SF-7	T	Solid	8270C	460-116951
460-41492-8	SF-8	T	Solid	8270C	460-116951
460-41492-8MS	Matrix Spike	T	Solid	8270C	460-116951
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	8270C	460-116951
460-41492-9	SF-9	T	Solid	8270C	460-116951
460-41492-10	SF-10	T	Solid	8270C	460-116951
460-41492-11	SF-11	T	Solid	8270C	460-116951
460-41492-12	SF-12	T	Solid	8270C	460-116951
460-41492-13	SF-13	T	Solid	8270C	460-116951
460-41492-14	SF-14	T	Solid	8270C	460-116951
460-41492-15	FD-C	T	Solid	8270C	460-116951
460-41492-16	F-1	T	Solid	8270C	460-116951
460-41492-17	F-2	T	Solid	8270C	460-116951
460-41492-19	F-4	T	Solid	8270C	460-116951
460-41492-20	F-5	T	Solid	8270C	460-116951
460-41492-22	F-7	T	Solid	8270C	460-116951

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-116907					
LCS 460-116907/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116907/1-A	Method Blank	T	Solid	3541	
460-41492-1	SF-1	T	Solid	3541	
460-41492-2	SF-2	T	Solid	3541	
460-41492-3	SF-3	T	Solid	3541	
460-41492-4	SF-4	T	Solid	3541	
460-41492-5	SF-5	T	Solid	3541	
460-41492-6	SF-6	T	Solid	3541	
460-41492-7	SF-7	T	Solid	3541	
460-41492-8	SF-8	T	Solid	3541	
460-41492-8MS	Matrix Spike	T	Solid	3541	
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-9	SF-9	T	Solid	3541	
460-41492-10	SF-10	T	Solid	3541	
460-41492-11	SF-11	T	Solid	3541	
460-41492-12	SF-12	T	Solid	3541	
460-41492-13	SF-13	T	Solid	3541	
460-41492-14	SF-14	T	Solid	3541	
460-41492-15	FD-C	T	Solid	3541	
460-41492-16	F-1	T	Solid	3541	
460-41492-17	F-2	T	Solid	3541	
460-41492-19	F-4	T	Solid	3541	
460-41492-20	F-5	T	Solid	3541	
460-41492-23	FD-D	T	Solid	3541	
Prep Batch: 460-116909					
LCS 460-116909/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116909/1-A	Method Blank	T	Solid	3541	
460-41492-21	F-6	T	Solid	3541	
460-41492-21MS	Matrix Spike	T	Solid	3541	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-22	F-7	T	Solid	3541	
Prep Batch: 460-116910					
LCS 460-116910/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116910/1-A	Method Blank	T	Solid	3541	
460-41492-21	F-6	T	Solid	3541	
460-41492-21MS	Matrix Spike	T	Solid	3541	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-22	F-7	T	Solid	3541	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-116911					
LCS 460-116911/2-A	Lab Control Sample	T	Solid	3541	
MB 460-116911/1-A	Method Blank	T	Solid	3541	
460-41492-1	SF-1	T	Solid	3541	
460-41492-2	SF-2	T	Solid	3541	
460-41492-3	SF-3	T	Solid	3541	
460-41492-4	SF-4	T	Solid	3541	
460-41492-5	SF-5	T	Solid	3541	
460-41492-6	SF-6	T	Solid	3541	
460-41492-7	SF-7	T	Solid	3541	
460-41492-8	SF-8	T	Solid	3541	
460-41492-8MS	Matrix Spike	T	Solid	3541	
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	3541	
460-41492-9	SF-9	T	Solid	3541	
460-41492-10	SF-10	T	Solid	3541	
460-41492-11	SF-11	T	Solid	3541	
460-41492-12	SF-12	T	Solid	3541	
460-41492-13	SF-13	T	Solid	3541	
460-41492-14	SF-14	T	Solid	3541	
460-41492-15	FD-C	T	Solid	3541	
460-41492-16	F-1	T	Solid	3541	
460-41492-17	F-2	T	Solid	3541	
460-41492-19	F-4	T	Solid	3541	
460-41492-20	F-5	T	Solid	3541	
460-41492-23	FD-D	T	Solid	3541	
Analysis Batch:460-117069					
LCS 460-116909/2-A	Lab Control Sample	T	Solid	8082	460-116909
MB 460-116909/1-A	Method Blank	T	Solid	8082	460-116909
460-41492-21	F-6	T	Solid	8082	460-116909
460-41492-21MS	Matrix Spike	T	Solid	8082	460-116909
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-116909
460-41492-22	F-7	T	Solid	8082	460-116909
Analysis Batch:460-117101					
LCS 460-116910/2-A	Lab Control Sample	T	Solid	8081A	460-116910
MB 460-116910/1-A	Method Blank	T	Solid	8081A	460-116910
460-41492-21	F-6	T	Solid	8081A	460-116910
460-41492-21MS	Matrix Spike	T	Solid	8081A	460-116910
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	8081A	460-116910
460-41492-22	F-7	T	Solid	8081A	460-116910

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-117281					
LCS 460-116907/2-A	Lab Control Sample	T	Solid	8082	460-116907
MB 460-116907/1-A	Method Blank	T	Solid	8082	460-116907
460-41492-1	SF-1	T	Solid	8082	460-116907
460-41492-2	SF-2	T	Solid	8082	460-116907
460-41492-3	SF-3	T	Solid	8082	460-116907
460-41492-4	SF-4	T	Solid	8082	460-116907
460-41492-5	SF-5	T	Solid	8082	460-116907
460-41492-6	SF-6	T	Solid	8082	460-116907
460-41492-7	SF-7	T	Solid	8082	460-116907
460-41492-8	SF-8	T	Solid	8082	460-116907
460-41492-8MS	Matrix Spike	T	Solid	8082	460-116907
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	8082	460-116907
460-41492-9	SF-9	T	Solid	8082	460-116907
460-41492-10	SF-10	T	Solid	8082	460-116907
460-41492-11	SF-11	T	Solid	8082	460-116907
460-41492-12	SF-12	T	Solid	8082	460-116907
460-41492-13	SF-13	T	Solid	8082	460-116907
460-41492-14	SF-14	T	Solid	8082	460-116907
460-41492-15	FD-C	T	Solid	8082	460-116907
460-41492-16	F-1	T	Solid	8082	460-116907
460-41492-17	F-2	T	Solid	8082	460-116907
460-41492-19	F-4	T	Solid	8082	460-116907
460-41492-20	F-5	T	Solid	8082	460-116907
460-41492-23	FD-D	T	Solid	8082	460-116907

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-117312					
LCS 460-116911/2-A	Lab Control Sample	T	Solid	8081A	460-116911
MB 460-116911/1-A	Method Blank	T	Solid	8081A	460-116911
460-41492-1	SF-1	T	Solid	8081A	460-116911
460-41492-2	SF-2	T	Solid	8081A	460-116911
460-41492-3	SF-3	T	Solid	8081A	460-116911
460-41492-4	SF-4	T	Solid	8081A	460-116911
460-41492-5	SF-5	T	Solid	8081A	460-116911
460-41492-6	SF-6	T	Solid	8081A	460-116911
460-41492-7	SF-7	T	Solid	8081A	460-116911
460-41492-8	SF-8	T	Solid	8081A	460-116911
460-41492-8MS	Matrix Spike	T	Solid	8081A	460-116911
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	8081A	460-116911
460-41492-9	SF-9	T	Solid	8081A	460-116911
460-41492-10	SF-10	T	Solid	8081A	460-116911
460-41492-11	SF-11	T	Solid	8081A	460-116911
460-41492-12	SF-12	T	Solid	8081A	460-116911
460-41492-13	SF-13	T	Solid	8081A	460-116911
460-41492-14	SF-14	T	Solid	8081A	460-116911
460-41492-15	FD-C	T	Solid	8081A	460-116911
460-41492-16	F-1	T	Solid	8081A	460-116911
460-41492-17	F-2	T	Solid	8081A	460-116911
460-41492-19	F-4	T	Solid	8081A	460-116911
460-41492-20	F-5	T	Solid	8081A	460-116911
460-41492-23	FD-D	T	Solid	8081A	460-116911

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-116861					
LCSSRM 460-116861/11-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-116861/10-A	Method Blank	T	Solid	7471A	
460-41492-1	SF-1	T	Solid	7471A	
460-41492-2	SF-2	T	Solid	7471A	
460-41492-3	SF-3	T	Solid	7471A	
460-41492-4	SF-4	T	Solid	7471A	
460-41492-5	SF-5	T	Solid	7471A	
460-41492-6	SF-6	T	Solid	7471A	
460-41492-7	SF-7	T	Solid	7471A	
460-41492-8	SF-8	T	Solid	7471A	
460-41492-8DU	Duplicate	T	Solid	7471A	
460-41492-8MS	Matrix Spike	T	Solid	7471A	
460-41492-9	SF-9	T	Solid	7471A	
460-41492-10	SF-10	T	Solid	7471A	
Analysis Batch:460-116890					
LCSSRM 460-116861/11-A	LCS-Certified Reference Material	T	Solid	7471A	460-116861
MB 460-116861/10-A	Method Blank	T	Solid	7471A	460-116861
460-41492-1	SF-1	T	Solid	7471A	460-116861
460-41492-2	SF-2	T	Solid	7471A	460-116861
460-41492-3	SF-3	T	Solid	7471A	460-116861
460-41492-4	SF-4	T	Solid	7471A	460-116861
460-41492-5	SF-5	T	Solid	7471A	460-116861
460-41492-6	SF-6	T	Solid	7471A	460-116861
460-41492-7	SF-7	T	Solid	7471A	460-116861
460-41492-8	SF-8	T	Solid	7471A	460-116861
460-41492-8DU	Duplicate	T	Solid	7471A	460-116861
460-41492-8MS	Matrix Spike	T	Solid	7471A	460-116861
460-41492-9	SF-9	T	Solid	7471A	460-116861
460-41492-10	SF-10	T	Solid	7471A	460-116861

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-116968					
LCSSRM 460-116968/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-116968/1-A	Method Blank	T	Solid	7471A	
460-41492-11	SF-11	T	Solid	7471A	
460-41492-12	SF-12	T	Solid	7471A	
460-41492-13	SF-13	T	Solid	7471A	
460-41492-14	SF-14	T	Solid	7471A	
460-41492-15	FD-C	T	Solid	7471A	
460-41492-16	F-1	T	Solid	7471A	
460-41492-17	F-2	T	Solid	7471A	
460-41492-18	F-3	T	Solid	7471A	
460-41492-19	F-4	T	Solid	7471A	
460-41492-20	F-5	T	Solid	7471A	
460-41492-21	F-6	T	Solid	7471A	
460-41492-21DU	Duplicate	T	Solid	7471A	
460-41492-21MS	Matrix Spike	T	Solid	7471A	
Analysis Batch:460-117019					
LCSSRM 460-116968/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	460-116968
MB 460-116968/1-A	Method Blank	T	Solid	7471A	460-116968
460-41492-11	SF-11	T	Solid	7471A	460-116968
460-41492-12	SF-12	T	Solid	7471A	460-116968
460-41492-13	SF-13	T	Solid	7471A	460-116968
460-41492-14	SF-14	T	Solid	7471A	460-116968
460-41492-15	FD-C	T	Solid	7471A	460-116968
460-41492-16	F-1	T	Solid	7471A	460-116968
460-41492-17	F-2	T	Solid	7471A	460-116968
460-41492-18	F-3	T	Solid	7471A	460-116968
460-41492-19	F-4	T	Solid	7471A	460-116968
460-41492-20	F-5	T	Solid	7471A	460-116968
460-41492-21	F-6	T	Solid	7471A	460-116968
460-41492-21DU	Duplicate	T	Solid	7471A	460-116968
460-41492-21MS	Matrix Spike	T	Solid	7471A	460-116968
Prep Batch: 460-117140					
LCSSRM 460-117140/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-117140/1-A	Method Blank	T	Solid	7471A	
460-41492-22	F-7	T	Solid	7471A	
460-41492-23	FD-D	T	Solid	7471A	
460-41546-A-5-B DU	Duplicate	T	Solid	7471A	
460-41546-A-5-C MS	Matrix Spike	T	Solid	7471A	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-117198					
LCSSRM 460-117140/2-A ^20	LCS-Certified Reference Material	T	Solid	7471A	460-117140
MB 460-117140/1-A	Method Blank	T	Solid	7471A	460-117140
460-41492-22	F-7	T	Solid	7471A	460-117140
460-41492-23	FD-D	T	Solid	7471A	460-117140
460-41546-A-5-B DU	Duplicate	T	Solid	7471A	460-117140
460-41546-A-5-C MS	Matrix Spike	T	Solid	7471A	460-117140
Prep Batch: 460-117307					
LCSSRM 460-117307/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-117307/1-A ^2	Method Blank	T	Solid	3050B	
460-41492-1	SF-1	T	Solid	3050B	
460-41492-2	SF-2	T	Solid	3050B	
460-41492-3	SF-3	T	Solid	3050B	
460-41492-4	SF-4	T	Solid	3050B	
460-41492-5	SF-5	T	Solid	3050B	
460-41492-6	SF-6	T	Solid	3050B	
460-41492-7	SF-7	T	Solid	3050B	
460-41492-8	SF-8	T	Solid	3050B	
460-41492-8DU	Duplicate	T	Solid	3050B	
460-41492-8MS	Matrix Spike	T	Solid	3050B	
460-41492-9	SF-9	T	Solid	3050B	
460-41492-10	SF-10	T	Solid	3050B	
460-41492-11	SF-11	T	Solid	3050B	
460-41492-12	SF-12	T	Solid	3050B	
460-41492-13	SF-13	T	Solid	3050B	
460-41492-14	SF-14	T	Solid	3050B	
460-41492-15	FD-C	T	Solid	3050B	
460-41492-16	F-1	T	Solid	3050B	
460-41492-17	F-2	T	Solid	3050B	
460-41492-19	F-4	T	Solid	3050B	
Prep Batch: 460-117425					
LCSSRM 460-117425/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-117425/1-A ^2	Method Blank	T	Solid	3050B	
460-41492-18	F-3	T	Solid	3050B	
460-41492-20	F-5	T	Solid	3050B	
460-41492-21	F-6	T	Solid	3050B	
460-41492-21DU	Duplicate	T	Solid	3050B	
460-41492-21MS	Matrix Spike	T	Solid	3050B	
460-41492-22	F-7	T	Solid	3050B	
460-41492-23	FD-D	T	Solid	3050B	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-117430					
LCSSRM 460-117307/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-117307
MB 460-117307/1-A ^2	Method Blank	T	Solid	6010B	460-117307
460-41492-1	SF-1	T	Solid	6010B	460-117307
460-41492-2	SF-2	T	Solid	6010B	460-117307
460-41492-3	SF-3	T	Solid	6010B	460-117307
460-41492-4	SF-4	T	Solid	6010B	460-117307
460-41492-5	SF-5	T	Solid	6010B	460-117307
460-41492-6	SF-6	T	Solid	6010B	460-117307
460-41492-7	SF-7	T	Solid	6010B	460-117307
460-41492-8	SF-8	T	Solid	6010B	460-117307
460-41492-8DU	Duplicate	T	Solid	6010B	460-117307
460-41492-8MS	Matrix Spike	T	Solid	6010B	460-117307
460-41492-9	SF-9	T	Solid	6010B	460-117307
460-41492-10	SF-10	T	Solid	6010B	460-117307
460-41492-11	SF-11	T	Solid	6010B	460-117307
460-41492-12	SF-12	T	Solid	6010B	460-117307
460-41492-13	SF-13	T	Solid	6010B	460-117307
460-41492-14	SF-14	T	Solid	6010B	460-117307
460-41492-15	FD-C	T	Solid	6010B	460-117307
460-41492-16	F-1	T	Solid	6010B	460-117307
460-41492-17	F-2	T	Solid	6010B	460-117307
460-41492-19	F-4	T	Solid	6010B	460-117307
Analysis Batch:460-117594					
LCSSRM 460-117425/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-117425
MB 460-117425/1-A ^2	Method Blank	T	Solid	6010B	460-117425
460-41492-18	F-3	T	Solid	6010B	460-117425
460-41492-20	F-5	T	Solid	6010B	460-117425
460-41492-21	F-6	T	Solid	6010B	460-117425
460-41492-21DU	Duplicate	T	Solid	6010B	460-117425
460-41492-21MS	Matrix Spike	T	Solid	6010B	460-117425
460-41492-22	F-7	T	Solid	6010B	460-117425
460-41492-23	FD-D	T	Solid	6010B	460-117425

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-116996					
460-41492-1	SF-1	T	Solid	Moisture	
460-41492-3	SF-3	T	Solid	Moisture	
460-41492-4	SF-4	T	Solid	Moisture	
460-41492-5	SF-5	T	Solid	Moisture	
460-41492-8	SF-8	T	Solid	Moisture	
460-41492-8DUDU	Duplicate	T	Solid	Moisture	
460-41492-8MSMS	Matrix Spike	T	Solid	Moisture	
460-41492-8MSDMSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-41492-9	SF-9	T	Solid	Moisture	
460-41492-12	SF-12	T	Solid	Moisture	
460-41492-13	SF-13	T	Solid	Moisture	
460-41492-14	SF-14	T	Solid	Moisture	
460-41492-15	FD-C	T	Solid	Moisture	
460-41492-17	F-2	T	Solid	Moisture	
460-41492-19	F-4	T	Solid	Moisture	
460-41492-21	F-6	T	Solid	Moisture	
460-41492-21DU	Duplicate	T	Solid	Moisture	
460-41492-21MS	Matrix Spike	T	Solid	Moisture	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-41492-22	F-7	T	Solid	Moisture	
460-41492-23	FD-D	T	Solid	Moisture	
Analysis Batch:460-117016					
460-41492-2	SF-2	T	Solid	Moisture	
460-41492-6	SF-6	T	Solid	Moisture	
460-41492-7	SF-7	T	Solid	Moisture	
460-41492-10	SF-10	T	Solid	Moisture	
460-41492-11	SF-11	T	Solid	Moisture	
460-41492-16	F-1	T	Solid	Moisture	
460-41492-20	F-5	T	Solid	Moisture	
460-41495-A-9 DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-117685					
460-41492-18	F-3	T	Solid	Moisture	
460-41642-A-2 DU	Duplicate	T	Solid	Moisture	
Prep Batch: 460-118019					
HLCS 460-118019/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118019/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118019/1-A	Method Blank	T	Solid	9012A	
200-11382-A-2-D MS	Matrix Spike	T	Solid	9012A	
200-11382-A-2-E MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41492-1	SF-1	T	Solid	9012A	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-118081					
HLCS 460-118019/3-A	High Level Control Sample	T	Solid	9012A	460-118019
LLCS 460-118019/2-A	Low Level Control Sample	T	Solid	9012A	460-118019
MB 460-118019/1-A	Method Blank	T	Solid	9012A	460-118019
200-11382-A-2-D MS	Matrix Spike	T	Solid	9012A	460-118019
200-11382-A-2-E MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118019
460-41492-1	SF-1	T	Solid	9012A	460-118019
Prep Batch: 460-118125					
HLCS 460-118125/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118125/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118125/1-A	Method Blank	T	Solid	9012A	
460-41469-G-1-E MS	Matrix Spike	T	Solid	9012A	
460-41469-G-1-F MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41492-2	SF-2	T	Solid	9012A	
460-41492-3	SF-3	T	Solid	9012A	
460-41492-4	SF-4	T	Solid	9012A	
460-41492-5	SF-5	T	Solid	9012A	
460-41492-6	SF-6	T	Solid	9012A	
460-41492-15	FD-C	T	Solid	9012A	
Prep Batch: 460-118127					
HLCS 460-118127/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118127/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118127/1-A	Method Blank	T	Solid	9012A	
460-41492-16	F-1	T	Solid	9012A	
460-41492-16MS	Matrix Spike	T	Solid	9012A	
460-41492-16MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41492-17	F-2	T	Solid	9012A	
460-41492-18	F-3	T	Solid	9012A	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-118142					
HLCS 460-118142/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118142/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118142/1-A	Method Blank	T	Solid	9012A	
460-41492-7	SF-7	T	Solid	9012A	
460-41492-8	SF-8	T	Solid	9012A	
460-41492-8MS	Matrix Spike	T	Solid	9012A	
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41492-9	SF-9	T	Solid	9012A	
460-41492-10	SF-10	T	Solid	9012A	
460-41492-11	SF-11	T	Solid	9012A	
460-41492-12	SF-12	T	Solid	9012A	
460-41492-13	SF-13	T	Solid	9012A	
460-41492-14	SF-14	T	Solid	9012A	
460-41492-19	F-4	T	Solid	9012A	
460-41492-20	F-5	T	Solid	9012A	
Prep Batch: 460-118143					
HLCS 460-118143/3-A	High Level Control Sample	T	Solid	9012A	
LLCS 460-118143/2-A	Low Level Control Sample	T	Solid	9012A	
MB 460-118143/1-A	Method Blank	T	Solid	9012A	
460-41492-21	F-6	T	Solid	9012A	
460-41492-21MS	Matrix Spike	T	Solid	9012A	
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	9012A	
460-41492-22	F-7	T	Solid	9012A	
460-41492-23	FD-D	T	Solid	9012A	

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-118146					
HLCS 460-118125/3-A	High Level Control Sample	T	Solid	9012A	460-118125
LLCS 460-118125/2-A	Low Level Control Sample	T	Solid	9012A	460-118125
MB 460-118125/1-A	Method Blank	T	Solid	9012A	460-118125
HLCS 460-118127/3-A	High Level Control Sample	T	Solid	9012A	460-118127
LLCS 460-118127/2-A	Low Level Control Sample	T	Solid	9012A	460-118127
MB 460-118127/1-A	Method Blank	T	Solid	9012A	460-118127
460-41469-G-1-E MS	Matrix Spike	T	Solid	9012A	460-118125
460-41469-G-1-F MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118125
460-41492-2	SF-2	T	Solid	9012A	460-118125
460-41492-3	SF-3	T	Solid	9012A	460-118125
460-41492-4	SF-4	T	Solid	9012A	460-118125
460-41492-5	SF-5	T	Solid	9012A	460-118125
460-41492-6	SF-6	T	Solid	9012A	460-118125
460-41492-15	FD-C	T	Solid	9012A	460-118125
460-41492-16	F-1	T	Solid	9012A	460-118127
460-41492-16MS	Matrix Spike	T	Solid	9012A	460-118127
460-41492-16MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118127
460-41492-17	F-2	T	Solid	9012A	460-118127
460-41492-18	F-3	T	Solid	9012A	460-118127
Analysis Batch:460-118149					
HLCS 460-118142/3-A	High Level Control Sample	T	Solid	9012A	460-118142
LLCS 460-118142/2-A	Low Level Control Sample	T	Solid	9012A	460-118142
MB 460-118142/1-A	Method Blank	T	Solid	9012A	460-118142
HLCS 460-118143/3-A	High Level Control Sample	T	Solid	9012A	460-118143
LLCS 460-118143/2-A	Low Level Control Sample	T	Solid	9012A	460-118143
MB 460-118143/1-A	Method Blank	T	Solid	9012A	460-118143
460-41492-7	SF-7	T	Solid	9012A	460-118142
460-41492-8	SF-8	T	Solid	9012A	460-118142
460-41492-8MS	Matrix Spike	T	Solid	9012A	460-118142
460-41492-8MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118142
460-41492-9	SF-9	T	Solid	9012A	460-118142
460-41492-10	SF-10	T	Solid	9012A	460-118142
460-41492-11	SF-11	T	Solid	9012A	460-118142
460-41492-12	SF-12	T	Solid	9012A	460-118142
460-41492-13	SF-13	T	Solid	9012A	460-118142
460-41492-14	SF-14	T	Solid	9012A	460-118142
460-41492-19	F-4	T	Solid	9012A	460-118142
460-41492-20	F-5	T	Solid	9012A	460-118142
460-41492-21	F-6	T	Solid	9012A	460-118143
460-41492-21MS	Matrix Spike	T	Solid	9012A	460-118143
460-41492-21MSD	Matrix Spike Duplicate	T	Solid	9012A	460-118143
460-41492-22	F-7	T	Solid	9012A	460-118143
460-41492-23	FD-D	T	Solid	9012A	460-118143

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-1 **Client ID:** SF-1

Sample Date/Time: 06/18/2012 09:40 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-1-A		460-117294	460-116713	06/20/2012 00:10	1	TAL EDI	FJ
A:8260B	460-41492-B-1-A		460-117294	460-116713	06/25/2012 08:26	1	TAL EDI	AT
P:3541	460-41492-D-1-F		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-1-F		460-117392	460-116951	06/24/2012 03:34	1	TAL EDI	CZ
P:3541	460-41492-D-1-E		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-1-E		460-117312	460-116911	06/22/2012 08:14	1	TAL EDI	FM
P:3541	460-41492-D-1-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-1-B		460-117281	460-116907	06/21/2012 21:22	1	TAL EDI	CBB
P:3050B	460-41492-D-1-J ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-1-J ^4		460-117430	460-117307	06/25/2012 22:45	4	TAL EDI	CDC
P:7471A	460-41492-D-1-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-1-A		460-116890	460-116861	06/20/2012 21:14	1	TAL EDI	TS
P:9012A	460-41492-D-1-K		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	460-41492-D-1-K		460-118081	460-118019	06/29/2012 15:39	1	TAL EDI	HV
A:Moisture	460-41492-E-1		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-2 **Client ID:** SF-2

Sample Date/Time: 06/18/2012 10:40 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-2-A		460-117294	460-116713	06/20/2012 00:11	1	TAL EDI	FJ
A:8260B	460-41492-B-2-A		460-117294	460-116713	06/25/2012 08:49	1	TAL EDI	AT
P:3541	460-41492-D-2-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-2-D		460-117392	460-116951	06/24/2012 04:34	1	TAL EDI	CZ
P:3541	460-41492-D-2-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-2-C		460-117312	460-116911	06/22/2012 08:28	1	TAL EDI	FM
P:3541	460-41492-D-2-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-2-B		460-117281	460-116907	06/21/2012 21:44	1	TAL EDI	CBB
P:3050B	460-41492-D-2-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-2-G ^4		460-117430	460-117307	06/25/2012 22:24	4	TAL EDI	CDC
P:7471A	460-41492-D-2-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-2-A		460-116890	460-116861	06/20/2012 21:16	1	TAL EDI	TS
P:9012A	460-41492-D-2-H		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-2-H		460-118146	460-118125	06/30/2012 14:02	1	TAL EDI	HV
A:Moisture	460-41492-E-2		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-3 **Client ID:** SF-3

Sample Date/Time: 06/18/2012 12:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-3-A		460-117294	460-116713	06/20/2012 00:12	1	TAL EDI	FJ
A:8260B	460-41492-B-3-A		460-117294	460-116713	06/25/2012 09:13	1	TAL EDI	AT
P:3541	460-41492-D-3-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-3-D		460-117392	460-116951	06/24/2012 04:54	1	TAL EDI	CZ
P:3541	460-41492-D-3-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-3-C		460-117312	460-116911	06/22/2012 08:42	1	TAL EDI	FM
P:3541	460-41492-D-3-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-3-B		460-117281	460-116907	06/21/2012 21:59	1	TAL EDI	CBB
P:3050B	460-41492-D-3-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-3-G ^4		460-117430	460-117307	06/25/2012 22:27	4	TAL EDI	CDC
P:7471A	460-41492-D-3-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-3-A		460-116890	460-116861	06/20/2012 21:19	1	TAL EDI	TS
P:9012A	460-41492-D-3-H		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-3-H		460-118146	460-118125	06/30/2012 14:03	1	TAL EDI	HV
A:Moisture	460-41492-E-3		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-4 **Client ID:** SF-4

Sample Date/Time: 06/18/2012 13:10 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-4-A		460-117294	460-116713	06/20/2012 00:14	1	TAL EDI	FJ
A:8260B	460-41492-B-4-A		460-117294	460-116713	06/25/2012 11:14	1	TAL EDI	AT
P:3541	460-41492-D-4-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-4-D		460-117392	460-116951	06/24/2012 05:14	1	TAL EDI	CZ
P:3541	460-41492-D-4-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-4-C		460-117312	460-116911	06/22/2012 08:55	1	TAL EDI	FM
P:3541	460-41492-D-4-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-4-B		460-117281	460-116907	06/21/2012 22:21	1	TAL EDI	CBB
P:3050B	460-41492-D-4-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-4-G ^4		460-117430	460-117307	06/25/2012 22:31	4	TAL EDI	CDC
P:7471A	460-41492-D-4-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-4-A		460-116890	460-116861	06/20/2012 21:21	1	TAL EDI	TS
P:9012A	460-41492-D-4-H		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-4-H		460-118146	460-118125	06/30/2012 14:04	1	TAL EDI	HV
A:Moisture	460-41492-E-4		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-5 **Client ID:** SF-5

Sample Date/Time: 06/18/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-5-A		460-117294	460-116713	06/20/2012 00:15	1	TAL EDI	FJ
A:8260B	460-41492-B-5-A		460-117294	460-116713	06/25/2012 11:37	1	TAL EDI	AT
P:3541	460-41492-D-5-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-5-D		460-117392	460-116951	06/24/2012 05:35	1	TAL EDI	CZ
P:3541	460-41492-D-5-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-5-C		460-117312	460-116911	06/22/2012 09:09	1	TAL EDI	FM
P:3541	460-41492-D-5-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-5-B		460-117281	460-116907	06/21/2012 22:42	1	TAL EDI	CBB
P:3050B	460-41492-D-5-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-5-G ^4		460-117430	460-117307	06/25/2012 22:35	4	TAL EDI	CDC
P:7471A	460-41492-D-5-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-5-A		460-116890	460-116861	06/20/2012 21:23	1	TAL EDI	TS
P:9012A	460-41492-D-5-H		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-5-H		460-118146	460-118125	06/30/2012 14:06	1	TAL EDI	HV
A:Moisture	460-41492-E-5		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-6 **Client ID:** SF-6

Sample Date/Time: 06/18/2012 19:00 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-6-A		460-117294	460-116713	06/20/2012 00:16	1	TAL EDI	FJ
A:8260B	460-41492-B-6-A		460-117294	460-116713	06/25/2012 12:01	1	TAL EDI	AT
P:3541	460-41492-D-6-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-6-D		460-117392	460-116951	06/24/2012 05:55	1	TAL EDI	CZ
P:3541	460-41492-D-6-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-6-C		460-117312	460-116911	06/22/2012 09:23	1	TAL EDI	FM
P:3541	460-41492-D-6-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-6-B		460-117281	460-116907	06/21/2012 23:03	1	TAL EDI	CBB
P:3050B	460-41492-D-6-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-6-G ^4		460-117430	460-117307	06/25/2012 22:38	4	TAL EDI	CDC
P:7471A	460-41492-D-6-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-6-A		460-116890	460-116861	06/20/2012 21:25	1	TAL EDI	TS
P:9012A	460-41492-E-6-A		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-E-6-A		460-118146	460-118125	06/30/2012 14:07	1	TAL EDI	HV
A:Moisture	460-41492-E-6		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-7 **Client ID:** SF-7

Sample Date/Time: 06/19/2012 08:50 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-7-A		460-117294	460-116713	06/20/2012 00:17	1	TAL EDI	FJ
A:8260B	460-41492-B-7-A		460-117294	460-116713	06/25/2012 12:24	1	TAL EDI	AT
P:3541	460-41492-D-7-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-7-D		460-117392	460-116951	06/24/2012 06:15	1	TAL EDI	CZ
P:3541	460-41492-D-7-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-7-C		460-117312	460-116911	06/22/2012 09:37	1	TAL EDI	FM
P:3541	460-41492-D-7-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-7-B		460-117281	460-116907	06/21/2012 23:19	1	TAL EDI	CBB
P:3050B	460-41492-D-7-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-7-G ^4		460-117430	460-117307	06/25/2012 22:42	4	TAL EDI	CDC
P:7471A	460-41492-D-7-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-7-A		460-116890	460-116861	06/20/2012 21:26	1	TAL EDI	TS
P:9012A	460-41492-D-7-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-7-H		460-118149	460-118142	06/30/2012 14:46	1	TAL EDI	HV
A:Moisture	460-41492-E-7		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Lab ID: 460-41492-8 **Client ID:** SF-8

Sample Date/Time: 06/19/2012 09:35 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-8-A		460-117294	460-116713	06/20/2012 00:18	1	TAL EDI	FJ
A:8260B	460-41492-B-8-A		460-117294	460-116713	06/25/2012 09:36	1	TAL EDI	AT
P:3541	460-41492-D-8-L		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-8-L		460-117392	460-116951	06/24/2012 06:35	1	TAL EDI	CZ
P:3541	460-41492-D-8-G		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-8-G		460-117312	460-116911	06/22/2012 09:51	1	TAL EDI	FM
P:3541	460-41492-D-8-F		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-8-F		460-117281	460-116907	06/21/2012 23:41	1	TAL EDI	CBB
P:3050B	460-41492-D-8-S ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-8-S ^4		460-117430	460-117307	06/25/2012 21:52	4	TAL EDI	CDC
P:7471A	460-41492-D-8-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-8-A		460-116890	460-116861	06/20/2012 20:52	1	TAL EDI	TS
P:9012A	460-41492-D-8-W		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-8-W		460-118149	460-118142	06/30/2012 14:44	1	TAL EDI	HV
A:Moisture	460-41492-D-8		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-8 **Client ID:** SF-8

Sample Date/Time: 06/19/2012 09:35 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-8-B MS		460-117294	460-116713	06/20/2012 00:19	1	TAL EDI	FJ
A:8260B	460-41492-B-8-B MS		460-117294	460-116713	06/25/2012 10:00	1	TAL EDI	AT
P:3541	460-41492-D-8-J MS		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-8-J MS		460-117392	460-116951	06/24/2012 03:54	1	TAL EDI	CZ
P:3541	460-41492-D-8-H MS		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-8-H MS		460-117312	460-116911	06/22/2012 07:46	1	TAL EDI	FM
P:3541	460-41492-D-8-D MS		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-8-D MS		460-117281	460-116907	06/21/2012 20:45	1	TAL EDI	CBB
P:3050B	460-41492-D-8-U MS ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-8-U MS ^4		460-117430	460-117307	06/25/2012 21:59	4	TAL EDI	CDC
P:7471A	460-41492-D-8-C MS		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-8-C MS		460-116890	460-116861	06/20/2012 20:58	1	TAL EDI	TS
P:9012A	460-41492-D-8-X MS		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-8-X MS		460-118149	460-118142	06/30/2012 14:42	1	TAL EDI	HV
A:Moisture	460-41492-D-8 MS		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-8 **Client ID:** SF-8

Sample Date/Time: 06/19/2012 09:35 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-8-C MSD		460-117294	460-116713	06/20/2012 00:21	1	TAL EDI	FJ
A:8260B	460-41492-B-8-C MSD		460-117294	460-116713	06/25/2012 10:27	1	TAL EDI	AT
P:3541	460-41492-D-8-K MSD		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-8-K MSD		460-117392	460-116951	06/24/2012 04:14	1	TAL EDI	CZ
P:3541	460-41492-D-8-I MSD		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-8-I MSD		460-117312	460-116911	06/22/2012 08:00	1	TAL EDI	FM
P:3541	460-41492-D-8-E MSD		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-8-E MSD		460-117281	460-116907	06/21/2012 21:07	1	TAL EDI	CBB
P:9012A	460-41492-D-8-Y MSD		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-8-Y MSD		460-118149	460-118142	06/30/2012 14:43	1	TAL EDI	HV
A:Moisture	460-41492-D-8 MSD		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-8 **Client ID:** SF-8

Sample Date/Time: 06/19/2012 09:35 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41492-D-8-T DU ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-8-T DU ^4		460-117430	460-117307	06/25/2012 21:48	4	TAL EDI	CDC
P:7471A	460-41492-D-8-B DU		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-8-B DU		460-116890	460-116861	06/20/2012 20:55	1	TAL EDI	TS
A:Moisture	460-41492-D-8 DU		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-8 SD **Client ID:** SF-8

Sample Date/Time: 06/19/2012 09:35 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41492-D-8-S SD ^20		460-117430	460-117307	06/25/2012 08:30	20	TAL EDI	MC
A:6010B	460-41492-D-8-S SD ^20		460-117430	460-117307	06/25/2012 21:56	20	TAL EDI	CDC
P:3050B	460-41492-D-8-S PDS ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-8-S PDS ^4		460-117430	460-117307	06/25/2012 22:03	4	TAL EDI	CDC
P:7471A	460-41492-D-8-A SD ^5		460-116890	460-116861	06/20/2012 16:47	5	TAL EDI	TS
A:7471A	460-41492-D-8-A SD ^5		460-116890	460-116861	06/20/2012 21:33	5	TAL EDI	TS

Lab ID: 460-41492-9 **Client ID:** SF-9

Sample Date/Time: 06/19/2012 10:45 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-9-A		460-117294	460-116713	06/20/2012 00:22	1	TAL EDI	FJ
A:8260B	460-41492-B-9-A		460-117294	460-116713	06/25/2012 12:47	1	TAL EDI	AT
P:3541	460-41492-D-9-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-9-D		460-117392	460-116951	06/24/2012 06:56	1	TAL EDI	CZ
P:3541	460-41492-D-9-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-9-C		460-117312	460-116911	06/22/2012 10:04	1	TAL EDI	FM
P:3541	460-41492-D-9-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-9-B		460-117281	460-116907	06/22/2012 00:02	1	TAL EDI	CBB
P:3050B	460-41492-D-9-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-9-G ^4		460-117430	460-117307	06/25/2012 22:49	4	TAL EDI	CDC
P:7471A	460-41492-D-9-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-9-A		460-116890	460-116861	06/20/2012 21:28	1	TAL EDI	TS
P:9012A	460-41492-D-9-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-9-H		460-118149	460-118142	06/30/2012 14:49	1	TAL EDI	HV
A:Moisture	460-41492-E-9		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-10 **Client ID:** SF-10

Sample Date/Time: 06/19/2012 11:58 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-10-A		460-117294	460-116713	06/20/2012 00:23	1	TAL EDI	FJ
A:8260B	460-41492-B-10-A		460-117294	460-116713	06/25/2012 13:11	1	TAL EDI	AT
P:3541	460-41492-D-10-D		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-10-D		460-117392	460-116951	06/24/2012 07:16	1	TAL EDI	CZ
P:3541	460-41492-D-10-C		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-10-C		460-117312	460-116911	06/22/2012 10:18	1	TAL EDI	FM
P:3541	460-41492-D-10-B		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-10-B		460-117281	460-116907	06/22/2012 00:23	1	TAL EDI	CBB
P:3050B	460-41492-D-10-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-10-G ^4		460-117430	460-117307	06/25/2012 22:53	4	TAL EDI	CDC
P:7471A	460-41492-D-10-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	460-41492-D-10-A		460-116890	460-116861	06/20/2012 21:30	1	TAL EDI	TS
P:9012A	460-41492-D-10-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-10-H		460-118149	460-118142	06/30/2012 14:50	1	TAL EDI	HV
A:Moisture	460-41492-E-10		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Lab ID: 460-41492-11 **Client ID:** SF-11

Sample Date/Time: 06/19/2012 12:45 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-11-A		460-117294	460-116713	06/20/2012 00:24	1	TAL EDI	FJ
A:8260B	460-41492-B-11-A		460-117294	460-116713	06/25/2012 13:34	1	TAL EDI	AT
P:3541	460-41492-D-11-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-11-C		460-117392	460-116951	06/24/2012 07:36	1	TAL EDI	CZ
P:3541	460-41492-D-11-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-11-B		460-117312	460-116911	06/22/2012 10:32	1	TAL EDI	FM
P:3541	460-41492-D-11-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-11-A		460-117281	460-116907	06/22/2012 00:44	1	TAL EDI	CBB
P:3050B	460-41492-D-11-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-11-G ^4		460-117430	460-117307	06/25/2012 23:03	4	TAL EDI	CDC
P:7471A	460-41492-D-11-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-11-D		460-117019	460-116968	06/21/2012 14:22	1	TAL EDI	RBS
P:9012A	460-41492-D-11-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-11-H		460-118149	460-118142	06/30/2012 14:51	1	TAL EDI	HV
A:Moisture	460-41492-E-11		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-12 **Client ID:** SF-12

Sample Date/Time: 06/19/2012 13:40 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-12-A		460-117294	460-116713	06/20/2012 00:25	1	TAL EDI	FJ
A:8260B	460-41492-B-12-A		460-117294	460-116713	06/25/2012 13:57	1	TAL EDI	AT
P:3541	460-41492-D-12-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-12-C		460-117392	460-116951	06/24/2012 07:56	1	TAL EDI	CZ
P:3541	460-41492-D-12-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-12-B		460-117312	460-116911	06/22/2012 10:46	1	TAL EDI	FM
P:3541	460-41492-D-12-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-12-A		460-117281	460-116907	06/22/2012 00:59	1	TAL EDI	CBB
P:3050B	460-41492-D-12-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-12-G ^4		460-117430	460-117307	06/25/2012 23:07	4	TAL EDI	CDC
P:7471A	460-41492-D-12-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-12-D		460-117019	460-116968	06/21/2012 14:24	1	TAL EDI	RBS
P:9012A	460-41492-D-12-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-12-H		460-118149	460-118142	06/30/2012 14:52	1	TAL EDI	HV
A:Moisture	460-41492-E-12		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-13 **Client ID:** SF-13

Sample Date/Time: 06/19/2012 14:40 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-13-A		460-117294	460-116713	06/20/2012 00:26	1	TAL EDI	FJ
A:8260B	460-41492-B-13-A		460-117294	460-116713	06/25/2012 14:21	1	TAL EDI	AT
P:3541	460-41492-D-13-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-13-C		460-117392	460-116951	06/24/2012 08:16	1	TAL EDI	CZ
P:3541	460-41492-D-13-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-13-B		460-117312	460-116911	06/22/2012 11:00	1	TAL EDI	FM
P:3541	460-41492-D-13-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-13-A		460-117281	460-116907	06/22/2012 01:21	1	TAL EDI	CBB
P:3050B	460-41492-D-13-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-13-G ^4		460-117430	460-117307	06/25/2012 23:10	4	TAL EDI	CDC
P:7471A	460-41492-D-13-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-13-D		460-117019	460-116968	06/21/2012 14:29	1	TAL EDI	RBS
P:9012A	460-41492-D-13-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-13-H		460-118149	460-118142	06/30/2012 14:54	1	TAL EDI	HV
A:Moisture	460-41492-E-13		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-14 **Client ID:** SF-14

Sample Date/Time: 06/19/2012 15:37 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-14-A		460-117294	460-116713	06/20/2012 00:28	1	TAL EDI	FJ
A:8260B	460-41492-B-14-A		460-117294	460-116713	06/25/2012 14:44	1	TAL EDI	AT
P:3541	460-41492-D-14-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-14-C		460-117392	460-116951	06/24/2012 08:37	1	TAL EDI	CZ
P:3541	460-41492-D-14-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-14-B		460-117312	460-116911	06/22/2012 11:13	1	TAL EDI	FM
P:3541	460-41492-D-14-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-14-A		460-117281	460-116907	06/22/2012 01:36	1	TAL EDI	CBB
P:3050B	460-41492-D-14-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-14-G ^4		460-117430	460-117307	06/25/2012 23:14	4	TAL EDI	CDC
P:7471A	460-41492-D-14-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-14-D		460-117019	460-116968	06/21/2012 14:31	1	TAL EDI	RBS
P:9012A	460-41492-E-14-A		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-E-14-A		460-118149	460-118142	06/30/2012 14:55	1	TAL EDI	HV
A:Moisture	460-41492-E-14		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-15 **Client ID:** FD-C

Sample Date/Time: 06/18/2012 00:00 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-15-A		460-117294	460-116713	06/20/2012 00:29	1	TAL EDI	FJ
A:8260B	460-41492-B-15-A		460-117294	460-116713	06/25/2012 15:07	1	TAL EDI	AT
P:3541	460-41492-D-15-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-15-C		460-117392	460-116951	06/24/2012 08:57	1	TAL EDI	CZ
P:3541	460-41492-D-15-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-15-B		460-117312	460-116911	06/22/2012 11:27	1	TAL EDI	FM
P:3541	460-41492-D-15-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-15-A		460-117281	460-116907	06/22/2012 01:58	1	TAL EDI	CBB
P:3050B	460-41492-D-15-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-15-G ^4		460-117430	460-117307	06/25/2012 23:18	4	TAL EDI	CDC
P:7471A	460-41492-D-15-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-15-D		460-117019	460-116968	06/21/2012 14:33	1	TAL EDI	RBS
P:9012A	460-41492-D-15-H		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-15-H		460-118146	460-118125	06/30/2012 14:08	1	TAL EDI	HV
A:Moisture	460-41492-E-15		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-16 **Client ID:** F-1

Sample Date/Time: 06/18/2012 11:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-16-A		460-117463	460-116713	06/20/2012 00:30	1	TAL EDI	FJ
A:8260B	460-41492-B-16-A		460-117463	460-116713	06/25/2012 19:27	1	TAL EDI	VD
P:3541	460-41492-D-16-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-16-C		460-117392	460-116951	06/24/2012 09:17	1	TAL EDI	CZ
P:3541	460-41492-D-16-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-16-B		460-117312	460-116911	06/22/2012 11:41	1	TAL EDI	FM
P:3541	460-41492-D-16-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-16-A		460-117281	460-116907	06/22/2012 02:13	1	TAL EDI	CBB
P:3050B	460-41492-D-16-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-16-G ^4		460-117430	460-117307	06/25/2012 23:21	4	TAL EDI	CDC
P:7471A	460-41492-D-16-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-16-D		460-117019	460-116968	06/21/2012 14:35	1	TAL EDI	RBS
P:9012A	460-41492-D-16-J		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-16-J		460-118146	460-118127	06/30/2012 13:44	1	TAL EDI	HV
A:Moisture	460-41492-E-16		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Lab ID: 460-41492-16 MS **Client ID:** F-1

Sample Date/Time: 06/18/2012 11:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-41492-D-16-H MS		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-16-H MS		460-118146	460-118127	06/30/2012 13:42	1	TAL EDI	HV

Lab ID: 460-41492-16 MSD **Client ID:** F-1

Sample Date/Time: 06/18/2012 11:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-41492-D-16-I MSD		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-16-I MSD		460-118146	460-118127	06/30/2012 13:43	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-17 **Client ID:** F-2

Sample Date/Time: 06/18/2012 11:38 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-17-A		460-117463	460-116713	06/20/2012 00:31	1	TAL EDI	FJ
A:8260B	460-41492-B-17-A		460-117463	460-116713	06/25/2012 19:51	1	TAL EDI	VD
P:3541	460-41492-D-17-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-17-C		460-117392	460-116951	06/24/2012 09:37	1	TAL EDI	CZ
P:3541	460-41492-D-17-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-17-B		460-117312	460-116911	06/22/2012 11:55	1	TAL EDI	FM
P:3541	460-41492-D-17-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-17-A		460-117281	460-116907	06/22/2012 02:34	1	TAL EDI	CBB
P:3050B	460-41492-D-17-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-17-G ^4		460-117430	460-117307	06/25/2012 23:25	4	TAL EDI	CDC
P:7471A	460-41492-D-17-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-17-D		460-117019	460-116968	06/21/2012 14:36	1	TAL EDI	RBS
P:9012A	460-41492-D-17-H		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-17-H		460-118146	460-118127	06/30/2012 13:45	1	TAL EDI	HV
A:Moisture	460-41492-E-17		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-18 **Client ID:** F-3

Sample Date/Time: 06/18/2012 11:43 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41492-D-18-B ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-18-B ^4		460-117594	460-117425	06/26/2012 17:13	4	TAL EDI	CDC
P:7471A	460-41492-D-18-A		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-18-A		460-117019	460-116968	06/21/2012 14:39	1	TAL EDI	RBS
P:9012A	460-41492-D-18-C		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41492-D-18-C		460-118146	460-118127	06/30/2012 13:48	1	TAL EDI	HV
A:Moisture	460-41492-D-18		460-117685		06/27/2012 14:29	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-19 **Client ID:** F-4

Sample Date/Time: 06/18/2012 14:15 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-19-A		460-117463	460-116713	06/20/2012 00:32	1	TAL EDI	FJ
A:8260B	460-41492-B-19-A		460-117463	460-116713	06/25/2012 20:14	1	TAL EDI	VD
P:3541	460-41492-D-19-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-19-C		460-117392	460-116951	06/24/2012 09:57	1	TAL EDI	CZ
P:3541	460-41492-D-19-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-19-B		460-117312	460-116911	06/22/2012 12:09	1	TAL EDI	FM
P:3541	460-41492-D-19-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-19-A		460-117281	460-116907	06/22/2012 02:56	1	TAL EDI	CBB
P:3050B	460-41492-D-19-G ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	460-41492-D-19-G ^4		460-117430	460-117307	06/25/2012 22:06	4	TAL EDI	CDC
P:7471A	460-41492-D-19-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-19-D		460-117019	460-116968	06/21/2012 14:42	1	TAL EDI	RBS
P:9012A	460-41492-D-19-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-19-H		460-118149	460-118142	06/30/2012 14:56	1	TAL EDI	HV
A:Moisture	460-41492-E-19		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-20 **Client ID:** F-5

Sample Date/Time: 06/19/2012 10:30 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-20-A		460-117463	460-116713	06/20/2012 00:33	1	TAL EDI	FJ
A:8260B	460-41492-B-20-A		460-117463	460-116713	06/25/2012 20:38	1	TAL EDI	VD
P:3541	460-41492-D-20-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-20-C		460-117392	460-116951	06/24/2012 10:17	1	TAL EDI	CZ
P:3541	460-41492-D-20-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-20-B		460-117312	460-116911	06/22/2012 12:22	1	TAL EDI	FM
P:3541	460-41492-D-20-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-20-A		460-117281	460-116907	06/22/2012 03:11	1	TAL EDI	CBB
P:3050B	460-41492-D-20-G ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-20-G ^4		460-117594	460-117425	06/26/2012 17:31	4	TAL EDI	CDC
P:7471A	460-41492-D-20-D		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-20-D		460-117019	460-116968	06/21/2012 14:44	1	TAL EDI	RBS
P:9012A	460-41492-D-20-H		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-20-H		460-118149	460-118142	06/30/2012 14:57	1	TAL EDI	HV
A:Moisture	460-41492-E-20		460-117016		06/21/2012 14:37	1	TAL EDI	CHA

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-21 **Client ID:** F-6

Sample Date/Time: 06/19/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-21-A		460-117746	460-116713	06/20/2012 00:35	1	TAL EDI	FJ
A:8260B	460-41492-B-21-A		460-117746	460-116713	06/27/2012 20:03	1	TAL EDI	KB
P:3541	460-41492-D-21-I		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	460-41492-D-21-I		460-117164	460-116952	06/22/2012 03:58	1	TAL EDI	CZ
P:3541	460-41492-D-21-F		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	460-41492-D-21-F		460-117101	460-116910	06/21/2012 14:50	1	TAL EDI	FM
P:3541	460-41492-D-21-C		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	460-41492-D-21-C		460-117069	460-116909	06/21/2012 19:46	1	TAL EDI	CBB
P:3050B	460-41492-D-21-M ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-21-M ^4		460-117594	460-117425	06/26/2012 16:59	4	TAL EDI	CDC
P:7471A	460-41492-D-21-J		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-21-J		460-117019	460-116968	06/21/2012 14:12	1	TAL EDI	RBS
P:9012A	460-41492-D-21-P		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-21-P		460-118149	460-118143	06/30/2012 15:06	1	TAL EDI	HV
A:Moisture	460-41492-E-21		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-21 **Client ID:** F-6

Sample Date/Time: 06/19/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-21-B MS		460-117746	460-116713	06/20/2012 00:36	1	TAL EDI	FJ
A:8260B	460-41492-B-21-B MS		460-117746	460-116713	06/27/2012 20:53	1	TAL EDI	KB
P:3541	460-41492-D-21-G MS		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	460-41492-D-21-G MS		460-117164	460-116952	06/22/2012 04:26	1	TAL EDI	CZ
P:3541	460-41492-D-21-D MS		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	460-41492-D-21-D MS		460-117101	460-116910	06/21/2012 12:46	1	TAL EDI	FM
P:3541	460-41492-D-21-A MS		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	460-41492-D-21-A MS		460-117069	460-116909	06/21/2012 20:02	1	TAL EDI	CBB
P:3050B	460-41492-D-21-O MS ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-21-O MS ^4		460-117594	460-117425	06/26/2012 17:07	4	TAL EDI	CDC
P:7471A	460-41492-D-21-L MS		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-21-L MS		460-117019	460-116968	06/21/2012 14:16	1	TAL EDI	RBS
P:9012A	460-41492-D-21-Q MS		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-21-Q MS		460-118149	460-118143	06/30/2012 15:04	1	TAL EDI	HV
A:Moisture	460-41492-E-21 MS		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-21 **Client ID:** F-6

Sample Date/Time: 06/19/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-21-C MSD		460-117746	460-116713	06/20/2012 00:37	1	TAL EDI	FJ
A:8260B	460-41492-B-21-C MSD		460-117746	460-116713	06/27/2012 21:18	1	TAL EDI	KB
P:3541	460-41492-D-21-H MSD		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	460-41492-D-21-H MSD		460-117164	460-116952	06/22/2012 04:54	1	TAL EDI	CZ
P:3541	460-41492-D-21-E MSD		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	460-41492-D-21-E MSD		460-117101	460-116910	06/21/2012 13:00	1	TAL EDI	FM
P:3541	460-41492-D-21-B MSD		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	460-41492-D-21-B MSD		460-117069	460-116909	06/21/2012 20:18	1	TAL EDI	CBB
P:9012A	460-41492-D-21-R MSD		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-21-R MSD		460-118149	460-118143	06/30/2012 15:05	1	TAL EDI	HV
A:Moisture	460-41492-E-21 MSD		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Lab ID: 460-41492-21 **Client ID:** F-6

Sample Date/Time: 06/19/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41492-D-21-N DU ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-21-N DU ^4		460-117594	460-117425	06/26/2012 16:56	4	TAL EDI	CDC
P:7471A	460-41492-D-21-K DU		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	460-41492-D-21-K DU		460-117019	460-116968	06/21/2012 14:14	1	TAL EDI	RBS
A:Moisture	460-41492-E-21 DU		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-21 SD **Client ID:** F-6

Sample Date/Time: 06/19/2012 14:25 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-41492-D-21-M SD ^20		460-117594	460-117425	06/26/2012 06:55	20	TAL EDI	MC
A:6010B	460-41492-D-21-M SD ^20		460-117594	460-117425	06/26/2012 17:03	20	TAL EDI	CDC
P:3050B	460-41492-D-21-M PDS ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-21-M PDS ^4		460-117594	460-117425	06/26/2012 17:10	4	TAL EDI	CDC
P:7471A	460-41492-D-21-J SD ^5		460-117019	460-116968	06/21/2012 11:20	5	TAL EDI	RBS
A:7471A	460-41492-D-21-J SD ^5		460-117019	460-116968	06/21/2012 14:46	5	TAL EDI	RBS

Lab ID: 460-41492-22 **Client ID:** F-7

Sample Date/Time: 06/19/2012 15:30 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-22-A		460-117463	460-116713	06/20/2012 00:38	1	TAL EDI	FJ
A:8260B	460-41492-B-22-A		460-117463	460-116713	06/25/2012 21:01	1	TAL EDI	VD
P:3541	460-41492-D-22-C		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	460-41492-D-22-C		460-117392	460-116951	06/24/2012 10:38	1	TAL EDI	CZ
P:3541	460-41492-D-22-B		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	460-41492-D-22-B		460-117101	460-116910	06/21/2012 15:04	1	TAL EDI	FM
P:3541	460-41492-D-22-A		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	460-41492-D-22-A		460-117069	460-116909	06/21/2012 20:34	1	TAL EDI	CBB
P:3050B	460-41492-D-22-G ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-22-G ^4		460-117594	460-117425	06/26/2012 17:35	4	TAL EDI	CDC
P:7471A	460-41492-D-22-D		460-117198	460-117140	06/22/2012 10:41	1	TAL EDI	RBS
A:7471A	460-41492-D-22-D		460-117198	460-117140	06/22/2012 15:16	1	TAL EDI	RBS
P:9012A	460-41492-D-22-H		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-22-H		460-118149	460-118143	06/30/2012 15:07	1	TAL EDI	HV
A:Moisture	460-41492-E-22		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Laboratory Chronicle

Lab ID: 460-41492-23 **Client ID:** FD-D

Sample Date/Time: 06/19/2012 00:00 Received Date/Time: 06/19/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-41492-B-23-A		460-117463	460-116713	06/20/2012 00:39	1	TAL EDI	FJ
A:8260B	460-41492-B-23-A		460-117463	460-116713	06/25/2012 21:25	1	TAL EDI	VD
P:3541	460-41492-D-23-C		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	460-41492-D-23-C		460-117164	460-116952	06/22/2012 05:22	1	TAL EDI	CZ
P:3541	460-41492-D-23-B		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	460-41492-D-23-B		460-117312	460-116911	06/22/2012 12:36	1	TAL EDI	FM
P:3541	460-41492-D-23-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	460-41492-D-23-A		460-117281	460-116907	06/22/2012 03:32	1	TAL EDI	CBB
P:3050B	460-41492-D-23-E ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	460-41492-D-23-E ^4		460-117594	460-117425	06/26/2012 17:39	4	TAL EDI	CDC
P:7471A	460-41492-D-23-D		460-117198	460-117140	06/22/2012 10:41	1	TAL EDI	RBS
A:7471A	460-41492-D-23-D		460-117198	460-117140	06/22/2012 15:18	1	TAL EDI	RBS
P:9012A	460-41492-D-23-F		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	460-41492-D-23-F		460-118149	460-118143	06/30/2012 15:08	1	TAL EDI	HV
A:Moisture	460-41492-E-23		460-116996		06/21/2012 13:29	1	TAL EDI	RC

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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 460-117294/5		460-117294		06/25/2012 07:39	1	TAL EDI	AT
A:8260B	MB 460-117463/5		460-117463		06/25/2012 19:04	1	TAL EDI	VD
A:8260B	MB 460-117746/5		460-117746		06/27/2012 18:48	1	TAL EDI	KB
P:3541	MB 460-116952/1-A		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	MB 460-116952/1-A		460-117164	460-116952	06/22/2012 03:30	1	TAL EDI	CZ
P:3541	MB 460-116951/1-A		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	MB 460-116951/1-A		460-117392	460-116951	06/24/2012 03:13	1	TAL EDI	CZ
P:3541	MB 460-116910/1-A		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	MB 460-116910/1-A		460-117101	460-116910	06/21/2012 15:59	1	TAL EDI	FM
P:3541	MB 460-116911/1-A		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	MB 460-116911/1-A		460-117312	460-116911	06/22/2012 12:50	1	TAL EDI	FM
P:3541	MB 460-116909/1-A		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	MB 460-116909/1-A		460-117069	460-116909	06/21/2012 19:14	1	TAL EDI	CBB
P:3541	MB 460-116907/1-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	MB 460-116907/1-A		460-117281	460-116907	06/21/2012 20:09	1	TAL EDI	CBB
P:3050B	MB 460-117307/1-A ^2		460-117430	460-117307	06/25/2012 08:30	2	TAL EDI	MC
A:6010B	MB 460-117307/1-A ^2		460-117430	460-117307	06/25/2012 22:20	2	TAL EDI	CDC
P:3050B	MB 460-117425/1-A ^2		460-117594	460-117425	06/26/2012 06:55	2	TAL EDI	MC
A:6010B	MB 460-117425/1-A ^2		460-117594	460-117425	06/26/2012 17:28	2	TAL EDI	CDC
P:7471A	MB 460-116861/10-A		460-116890	460-116861	06/20/2012 16:47	1	TAL EDI	TS
A:7471A	MB 460-116861/10-A		460-116890	460-116861	06/20/2012 20:48	1	TAL EDI	TS
P:7471A	MB 460-116968/1-A		460-117019	460-116968	06/21/2012 11:20	1	TAL EDI	RBS
A:7471A	MB 460-116968/1-A		460-117019	460-116968	06/21/2012 14:08	1	TAL EDI	RBS
P:7471A	MB 460-117140/1-A		460-117198	460-117140	06/22/2012 10:41	1	TAL EDI	RBS
A:7471A	MB 460-117140/1-A		460-117198	460-117140	06/22/2012 14:53	1	TAL EDI	RBS
P:9012A	MB 460-118019/1-A		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	MB 460-118019/1-A		460-118081	460-118019	06/29/2012 15:12	1	TAL EDI	HV
P:9012A	MB 460-118127/1-A		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	MB 460-118127/1-A		460-118146	460-118127	06/30/2012 13:38	1	TAL EDI	HV
P:9012A	MB 460-118125/1-A		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	MB 460-118125/1-A		460-118146	460-118125	06/30/2012 13:50	1	TAL EDI	HV
P:9012A	MB 460-118142/1-A		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	MB 460-118142/1-A		460-118149	460-118142	06/30/2012 14:39	1	TAL EDI	HV
P:9012A	MB 460-118143/1-A		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	MB 460-118143/1-A		460-118149	460-118143	06/30/2012 14:58	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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 460-116713/1-A		460-117294	460-116713	06/20/2012 00:09	1	TAL EDI	FJ
A:8260B	LB3 460-116713/1-A		460-117294	460-116713	06/25/2012 08:03	1	TAL EDI	AT

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 460-117294/3		460-117294		06/25/2012 05:06	1	TAL EDI	AT
A:8260B	LCS 460-117463/3		460-117463		06/25/2012 17:07	1	TAL EDI	VD
A:8260B	LCS 460-117746/3		460-117746		06/27/2012 17:32	1	TAL EDI	KB
P:3541	LCS 460-116952/2-A		460-117164	460-116952	06/21/2012 10:41	1	TAL EDI	cm
A:8270C	LCS 460-116952/2-A		460-117164	460-116952	06/22/2012 03:02	1	TAL EDI	CZ
P:3541	LCS 460-116951/2-A		460-117392	460-116951	06/21/2012 10:40	1	TAL EDI	cm
A:8270C	LCS 460-116951/2-A		460-117392	460-116951	06/24/2012 02:53	1	TAL EDI	CZ
P:3541	LCS 460-116910/2-A		460-117101	460-116910	06/21/2012 05:59	1	TAL EDI	ARA
A:8081A	LCS 460-116910/2-A		460-117101	460-116910	06/21/2012 12:33	1	TAL EDI	FM
P:3541	LCS 460-116911/2-A		460-117312	460-116911	06/21/2012 06:24	1	TAL EDI	ARA
A:8081A	LCS 460-116911/2-A		460-117312	460-116911	06/22/2012 07:33	1	TAL EDI	FM
P:3541	LCS 460-116909/2-A		460-117069	460-116909	06/21/2012 05:51	1	TAL EDI	ARA
A:8082	LCS 460-116909/2-A		460-117069	460-116909	06/21/2012 19:30	1	TAL EDI	CBB
P:3541	LCS 460-116907/2-A		460-117281	460-116907	06/21/2012 05:37	1	TAL EDI	ARA
A:8082	LCS 460-116907/2-A		460-117281	460-116907	06/21/2012 20:30	1	TAL EDI	CBB

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 460-117463/4		460-117463		06/25/2012 17:54	1	TAL EDI	VD

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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 460-117307/2-A ^4		460-117430	460-117307	06/25/2012 08:30	4	TAL EDI	MC
A:6010B	LCSSRM 460-117307/2-A ^4		460-117430	460-117307	06/25/2012 22:10	4	TAL EDI	CDC
P:3050B	LCSSRM 460-117425/2-A ^4		460-117594	460-117425	06/26/2012 06:55	4	TAL EDI	MC
A:6010B	LCSSRM 460-117425/2-A ^4		460-117594	460-117425	06/26/2012 17:17	4	TAL EDI	CDC
P:7471A	LCSSRM 460-116861/11-A ^10		460-116890	460-116861	06/20/2012 16:47	10	TAL EDI	TS
A:7471A	LCSSRM 460-116861/11-A ^10		460-116890	460-116861	06/20/2012 20:50	10	TAL EDI	TS
P:7471A	LCSSRM 460-116968/2-A ^20		460-117019	460-116968	06/21/2012 11:20	20	TAL EDI	RBS
A:7471A	LCSSRM 460-116968/2-A ^20		460-117019	460-116968	06/21/2012 14:10	20	TAL EDI	RBS
P:7471A	LCSSRM 460-117140/2-A ^20		460-117198	460-117140	06/22/2012 10:41	20	TAL EDI	RBS
A:7471A	LCSSRM 460-117140/2-A ^20		460-117198	460-117140	06/22/2012 14:55	20	TAL EDI	RBS

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 460-118019/2-A		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	LLCS 460-118019/2-A		460-118081	460-118019	06/29/2012 15:13	1	TAL EDI	HV
P:9012A	LLCS 460-118127/2-A		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	LLCS 460-118127/2-A		460-118146	460-118127	06/30/2012 13:39	1	TAL EDI	HV
P:9012A	LLCS 460-118125/2-A		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	LLCS 460-118125/2-A		460-118146	460-118125	06/30/2012 13:51	1	TAL EDI	HV
P:9012A	LLCS 460-118142/2-A		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	LLCS 460-118142/2-A		460-118149	460-118142	06/30/2012 14:40	1	TAL EDI	HV
P:9012A	LLCS 460-118143/2-A		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	LLCS 460-118143/2-A		460-118149	460-118143	06/30/2012 14:59	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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 460-118019/3-A		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	HLCS 460-118019/3-A		460-118081	460-118019	06/29/2012 15:14	1	TAL EDI	HV
P:9012A	HLCS 460-118127/3-A		460-118146	460-118127	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	HLCS 460-118127/3-A		460-118146	460-118127	06/30/2012 13:41	1	TAL EDI	HV
P:9012A	HLCS 460-118125/3-A		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	HLCS 460-118125/3-A		460-118146	460-118125	06/30/2012 13:52	1	TAL EDI	HV
P:9012A	HLCS 460-118142/3-A		460-118149	460-118142	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	HLCS 460-118142/3-A		460-118149	460-118142	06/30/2012 14:41	1	TAL EDI	HV
P:9012A	HLCS 460-118143/3-A		460-118149	460-118143	06/30/2012 12:15	1	TAL EDI	HV
A:9012A	HLCS 460-118143/3-A		460-118149	460-118143	06/30/2012 15:03	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:7471A	460-41546-A-5-C MS		460-117198	460-117140	06/22/2012 10:41	1	TAL EDI	RBS
A:7471A	460-41546-A-5-C MS		460-117198	460-117140	06/22/2012 15:01	1	TAL EDI	RBS
P:9012A	200-11382-A-2-D MS		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	200-11382-A-2-D MS		460-118081	460-118019	06/29/2012 15:15	1	TAL EDI	HV
P:9012A	460-41469-G-1-E MS		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41469-G-1-E MS		460-118146	460-118125	06/30/2012 13:53	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	200-11382-A-2-E MSD		460-118081	460-118019	06/29/2012 09:30	1	TAL EDI	IA
A:9012A	200-11382-A-2-E MSD		460-118081	460-118019	06/29/2012 15:17	1	TAL EDI	HV
P:9012A	460-41469-G-1-F MSD		460-118146	460-118125	06/30/2012 06:30	1	TAL EDI	IA
A:9012A	460-41469-G-1-F MSD		460-118146	460-118125	06/30/2012 13:54	1	TAL EDI	HV

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

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:7471A	460-41546-A-5-B DU		460-117198	460-117140	06/22/2012 10:41	1	TAL EDI	RBS
A:7471A	460-41546-A-5-B DU		460-117198	460-117140	06/22/2012 14:59	1	TAL EDI	RBS
A:Moisture	460-41495-A-9 DU		460-117016		06/21/2012 14:37	1	TAL EDI	CHA
A:Moisture	460-41642-A-2 DU		460-117685		06/27/2012 14:29	1	TAL EDI	CHA

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:7471A	460-41546-A-5-A SD ^5		460-117198	460-117140	06/22/2012 10:41	5	TAL EDI	RBS
A:7471A	460-41546-A-5-A SD ^5		460-117198	460-117140	06/22/2012 15:35	5	TAL EDI	RBS

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SF-1	460-41492-1	83	91	90
SF-2	460-41492-2	83	87	86
SF-3	460-41492-3	91	99	99
SF-4	460-41492-4	87	89	88
SF-5	460-41492-5	84	89	88
SF-6	460-41492-6	84	87	85
SF-7	460-41492-7	87	91	91
SF-8	460-41492-8	92	96	97
SF-9	460-41492-9	83	85	85
SF-10	460-41492-10	97	102	101
SF-11	460-41492-11	96	100	99
SF-12	460-41492-12	85	88	86
SF-13	460-41492-13	90	91	91
SF-14	460-41492-14	85	89	85
FD-C	460-41492-15	89	92	92
F-1	460-41492-16	93	98	95
F-2	460-41492-17	88	90	87
F-4	460-41492-19	93	93	91
F-5	460-41492-20	90	96	93
F-6	460-41492-21	105	98	100
F-7	460-41492-22	88	84	83
FD-D	460-41492-23	93	93	91
	MB 460-117294/5	90	89	89
	MB 460-117463/5	93	91	90
	MB 460-117746/5	120	98	100
	LB3 460-116713/1-A	82	82	85
	LCS 460-117294/3	91	90	91
	LCS 460-117463/3	90	85	86
	LCS 460-117746/3	103	97	100
	LCSD 460-117463/4	88	89	88
SF-8 MS	460-41492-8 MS	88	95	95
F-6 MS	460-41492-21 MS	104	96	103
SF-8 MSD	460-41492-8 MSD	81	91	90
F-6 MSD	460-41492-21 MSD	100	97	101

	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 III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21889.d

Lab ID: LCS 460-117294/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.4	102	50-151	
Bromomethane	20.0	23.9	120	54-142	
Vinyl chloride	20.0	23.4	117	67-133	
Chloroethane	20.0	25.1	125	56-146	
Methylene Chloride	20.0	22.1	111	74-137	
Acetone	20.0	24.9	124	27-164	
Xylenes, Total	60.0	59.2	99	82-122	
Carbon disulfide	20.0	22.7	113	72-128	
Trichlorofluoromethane	20.0	20.7	103	61-139	
1,1-Dichloroethene	20.0	20.5	102	71-126	
1,1-Dichloroethane	20.0	18.9	95	76-125	
trans-1,2-Dichloroethene	20.0	19.8	99	75-122	
cis-1,2-Dichloroethene	20.0	19.6	98	80-120	
Chloroform	20.0	18.8	94	77-120	
2-Butanone	20.0	18.2	91	77-117	
1,2-Dichloroethane	20.0	18.3	91	76-118	
1,1,1-Trichloroethane	20.0	21.1	105	78-117	
Carbon tetrachloride	20.0	21.8	109	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	17.0	85	59-125	
Styrene	20.0	19.5	97	82-122	
Ethylbenzene	20.0	19.2	96	81-121	
Chlorobenzene	20.0	18.9	95	80-120	
Cyclohexane	20.0	19.6	98	80-121	
Isopropylbenzene	20.0	20.0	100	65-129	
2-Hexanone	20.0	18.2	91	70-122	
MTBE	20.0	18.8	94	78-120	
Freon TF	20.0	22.6	113	73-123	
Methyl acetate	20.0	18.9	94	73-137	
1,4-Dioxane	150	146	98	69-131	
Trichloroethene	20.0	19.2	96	79-119	
Toluene	20.0	19.9	99	75-115	
trans-1,3-Dichloropropene	20.0	15.2	76	67-121	
4-Methyl-2-pentanone	20.0	17.3	86	68-120	
cis-1,3-Dichloropropene	20.0	16.4	82	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,3-Dichlorobenzene	20.0	19.0	95	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	80-120	
1,2,4-Trichlorobenzene	20.0	18.6	93	80-120	
1,2,3-Trichlorobenzene	20.0	18.1	90	75-121	
1,2-Dichloropropane	20.0	19.1	96	82-122	
Methylcyclohexane	20.0	20.6	103	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21889.d

Lab ID: LCS 460-117294/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	20.0	19.2	96	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.1	81	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	79-122	
1,1,2-Trichloroethane	20.0	18.6	93	73-118	
Dibromochloromethane	20.0	16.2	81	68-120	
1,2-Dibromoethane	20.0	18.8	94	75-117	
Dichlorodifluoromethane	20.0	23.3	116	52-144	
Bromochloromethane	20.0	19.6	98	74-125	
Bromodichloromethane	20.0	19.2	96	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21918.d

Lab ID: LCS 460-117463/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.7	88	50-151	
Bromomethane	20.0	20.7	104	54-142	
Vinyl chloride	20.0	18.5	93	67-133	
Chloroethane	20.0	21.4	107	56-146	
Methylene Chloride	20.0	21.8	109	74-137	
Acetone	20.0	32.6	163	27-164	
Xylenes, Total	60.0	56.3	94	82-122	
Carbon disulfide	20.0	14.9	75	72-128	
Trichlorofluoromethane	20.0	17.5	87	61-139	
1,1-Dichloroethene	20.0	22.3	112	71-126	
1,1-Dichloroethane	20.0	18.8	94	76-125	
trans-1,2-Dichloroethene	20.0	20.4	102	75-122	
cis-1,2-Dichloroethene	20.0	18.8	94	80-120	
Chloroform	20.0	18.2	91	77-120	
2-Butanone	20.0	19.3	97	77-117	
1,2-Dichloroethane	20.0	18.3	92	76-118	
1,1,1-Trichloroethane	20.0	19.5	97	78-117	
Carbon tetrachloride	20.0	19.7	99	79-118	
Benzene	20.0	19.4	97	77-117	
Bromoform	20.0	15.4	77	59-125	
Styrene	20.0	18.0	90	82-122	
Ethylbenzene	20.0	19.0	95	81-121	
Chlorobenzene	20.0	17.8	89	80-120	
Cyclohexane	20.0	16.5	83	80-121	
Isopropylbenzene	20.0	18.4	92	65-129	
2-Hexanone	20.0	19.2	96	70-122	
MTBE	20.0	17.2	86	78-120	
Freon TF	20.0	20.1	100	73-123	
Methyl acetate	20.0	20.2	101	73-137	
1,4-Dioxane	150	159	106	69-131	
Trichloroethene	20.0	20.1	100	79-119	
Toluene	20.0	19.4	97	75-115	
trans-1,3-Dichloropropene	20.0	14.4	72	67-121	
4-Methyl-2-pentanone	20.0	18.4	92	68-120	
cis-1,3-Dichloropropene	20.0	15.2	76	80-123	*
1,2-Dichlorobenzene	20.0	16.8	84	80-120	
1,3-Dichlorobenzene	20.0	17.3	87	80-120	
1,4-Dichlorobenzene	20.0	17.3	87	80-120	
1,2,4-Trichlorobenzene	20.0	16.6	83	80-120	
1,2,3-Trichlorobenzene	20.0	16.7	83	75-121	
1,2-Dichloropropane	20.0	19.0	95	82-122	
Methylcyclohexane	20.0	16.8	84	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21918.d

Lab ID: LCS 460-117463/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	20.0	19.4	97	80-120	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.2	86	79-122	
1,1,2-Trichloroethane	20.0	17.2	86	73-118	
Dibromochloromethane	20.0	14.7	74	68-120	
1,2-Dibromoethane	20.0	18.1	90	75-117	
Dichlorodifluoromethane	20.0	16.0	80	52-144	
Bromochloromethane	20.0	18.9	94	74-125	
Bromodichloromethane	20.0	18.3	92	79-119	

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.: 460-41492-1

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	#
Chloromethane	20.0	27.2	136	50-151	
Bromomethane	20.0	23.7	119	54-142	
Vinyl chloride	20.0	22.9	114	67-133	
Chloroethane	20.0	22.2	111	56-146	
Methylene Chloride	20.0	25.4	127	74-137	
Acetone	20.0	24.1	121	27-164	
Xylenes, Total	60.0	58.7	98	82-122	
Carbon disulfide	20.0	20.7	104	72-128	
Trichlorofluoromethane	20.0	22.5	112	61-139	
1,1-Dichloroethene	20.0	21.6	108	71-126	
1,1-Dichloroethane	20.0	20.9	105	76-125	
trans-1,2-Dichloroethene	20.0	21.7	108	75-122	
cis-1,2-Dichloroethene	20.0	21.2	106	80-120	
Chloroform	20.0	21.8	109	77-120	
2-Butanone	20.0	16.9	85	77-117	
1,2-Dichloroethane	20.0	20.7	104	76-118	
1,1,1-Trichloroethane	20.0	22.2	111	78-117	
Carbon tetrachloride	20.0	21.7	109	79-118	
Benzene	20.0	20.3	102	77-117	
Bromoform	20.0	17.4	87	59-125	
Styrene	20.0	19.7	98	82-122	
Ethylbenzene	20.0	20.4	102	81-121	
Chlorobenzene	20.0	19.4	97	80-120	
Cyclohexane	20.0	21.3	107	80-121	
Isopropylbenzene	20.0	20.2	101	65-129	
2-Hexanone	20.0	16.9	84	70-122	
MTBE	20.0	19.1	96	78-120	
Freon TF	20.0	21.9	110	73-123	
Methyl acetate	20.0	20.0	100	73-137	
1,4-Dioxane	150	157	105	69-131	
Trichloroethene	20.0	20.6	103	79-119	
Toluene	20.0	18.8	94	75-115	
trans-1,3-Dichloropropene	20.0	14.6	73	67-121	
4-Methyl-2-pentanone	20.0	18.7	93	68-120	
cis-1,3-Dichloropropene	20.0	20.0	100	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,3-Dichlorobenzene	20.0	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
1,2,4-Trichlorobenzene	20.0	20.4	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.7	99	75-121	
1,2-Dichloropropane	20.0	19.7	99	82-122	
Methylcyclohexane	20.0	20.9	105	78-118	

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.: 460-41492-1

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	#
Tetrachloroethene	20.0	21.0	105	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	79-122	
1,1,2-Trichloroethane	20.0	17.8	89	73-118	
Dibromochloromethane	20.0	16.5	82	68-120	
1,2-Dibromoethane	20.0	18.1	91	75-117	
Dichlorodifluoromethane	20.0	24.4	122	52-144	
Bromochloromethane	20.0	24.4	122	74-125	
Bromodichloromethane	20.0	21.3	107	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21920.d

Lab ID: LCSD 460-117463/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.6	83	6	30	50-151	
Bromomethane	20.0	19.4	97	7	30	54-142	
Vinyl chloride	20.0	17.9	90	3	30	67-133	
Chloroethane	20.0	18.1	90	17	30	56-146	
Methylene Chloride	20.0	22.1	111	1	30	74-137	
Acetone	20.0	24.9	125	27	30	27-164	
Xylenes, Total	60.0	56.1	94	0	30	82-122	
Carbon disulfide	20.0	15.1	75	1	30	72-128	
Trichlorofluoromethane	20.0	15.7	79	11	30	61-139	
1,1-Dichloroethene	20.0	21.6	108	3	30	71-126	
1,1-Dichloroethane	20.0	19.0	95	1	30	76-125	
trans-1,2-Dichloroethene	20.0	20.7	104	2	30	75-122	
cis-1,2-Dichloroethene	20.0	19.1	95	1	30	80-120	
Chloroform	20.0	18.3	92	0	30	77-120	
2-Butanone	20.0	18.3	92	5	30	77-117	
1,2-Dichloroethane	20.0	18.0	90	2	30	76-118	
1,1,1-Trichloroethane	20.0	19.7	98	1	30	78-117	
Carbon tetrachloride	20.0	20.3	101	3	30	79-118	
Benzene	20.0	19.3	97	1	30	77-117	
Bromoform	20.0	13.6	68	12	30	59-125	
Styrene	20.0	17.7	89	2	30	82-122	
Ethylbenzene	20.0	18.4	92	3	30	81-121	
Chlorobenzene	20.0	18.1	90	1	30	80-120	
Cyclohexane	20.0	17.1	86	4	30	80-121	
Isopropylbenzene	20.0	18.7	93	1	30	65-129	
2-Hexanone	20.0	17.0	85	12	30	70-122	
MTBE	20.0	17.2	86	0	30	78-120	
Freon TF	20.0	20.6	103	3	30	73-123	
Methyl acetate	20.0	17.5	87	14	30	73-137	
1,4-Dioxane	150	124	82	25	30	69-131	
Trichloroethene	20.0	19.2	96	4	30	79-119	
Toluene	20.0	19.3	97	0	30	75-115	
trans-1,3-Dichloropropene	20.0	14.1	71	2	30	67-121	
4-Methyl-2-pentanone	20.0	15.7	79	16	30	68-120	
cis-1,3-Dichloropropene	20.0	15.3	76	0	30	80-123	*
1,2-Dichlorobenzene	20.0	17.5	87	4	30	80-120	
1,3-Dichlorobenzene	20.0	17.7	89	2	30	80-120	
1,4-Dichlorobenzene	20.0	17.7	88	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.2	86	4	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.2	86	3	30	75-121	
1,2-Dichloropropane	20.0	18.7	93	1	30	82-122	
Methylcyclohexane	20.0	16.9	84	1	30	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21920.d

Lab ID: LCSD 460-117463/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	20.0	18.8	94	3	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	13.4	67	13	30	74-118	*
1,1,2,2-Tetrachloroethane	20.0	16.7	83	3	30	79-122	
1,1,2-Trichloroethane	20.0	16.8	84	2	30	73-118	
Dibromochloromethane	20.0	14.4	72	2	30	68-120	
1,2-Dibromoethane	20.0	17.3	86	5	30	75-117	
Dichlorodifluoromethane	20.0	15.9	79	1	30	52-144	
Bromochloromethane	20.0	17.8	89	6	30	74-125	
Bromodichloromethane	20.0	18.1	91	1	30	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21900.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	25.1	0.17 U	24.3	97	50-151	
Bromomethane	25.1	0.47 U	28.8	115	54-142	
Vinyl chloride	25.1	0.37 U	26.1	104	67-133	
Chloroethane	25.1	0.36 U	28.3	113	56-146	
Methylene Chloride	25.1	0.64 J	29.0	113	74-137	
Acetone	25.1	18	33.5	63	27-164	
Xylenes, Total	75.3	0.73 U	76.0	101	82-122	
Carbon disulfide	25.1	0.16 U	20.5	81	72-128	
Trichlorofluoromethane	25.1	0.17 U	24.2	96	61-139	
1,1-Dichloroethene	25.1	0.21 U	29.7	118	71-126	
1,1-Dichloroethane	25.1	0.12 U	25.4	101	76-125	
trans-1,2-Dichloroethene	25.1	0.14 U	27.2	108	75-122	
cis-1,2-Dichloroethene	25.1	0.12 U	25.8	103	80-120	
Chloroform	25.1	0.26 U	24.2	97	77-120	
2-Butanone	25.1	2.4 J	20.6	73	77-117	F
1,2-Dichloroethane	25.1	0.19 U	22.0	88	76-118	
1,1,1-Trichloroethane	25.1	0.14 U	25.4	101	78-117	
Carbon tetrachloride	25.1	0.16 U	26.4	105	79-118	
Benzene	25.1	0.16 U	25.5	102	77-117	
Bromoform	25.1	0.18 U	18.0	72	59-125	
Styrene	25.1	0.30 U	24.1	96	82-122	
Ethylbenzene	25.1	0.18 U	24.8	99	81-121	
Chlorobenzene	25.1	0.19 U	24.3	97	80-120	
Cyclohexane	25.1	0.14 U	21.5	86	80-121	
Isopropylbenzene	25.1	0.12 U	24.9	99	65-129	
2-Hexanone	25.1	0.14 U	21.2	84	70-122	
MTBE	25.1	0.12 U	21.7	86	78-120	
Freon TF	25.1	0.12 U	25.9	103	73-123	
Methyl acetate	25.1	0.35 U	21.0	84	73-137	
1,4-Dioxane	188	14 U	158	84	69-131	
Trichloroethene	25.1	0.13 U	24.8	99	79-119	
Toluene	25.1	0.15 U	26.4	105	75-115	
trans-1,3-Dichloropropene	25.1	0.11 U	18.4	73	67-121	
4-Methyl-2-pentanone	25.1	0.22 U	18.7	74	68-120	
cis-1,3-Dichloropropene	25.1	0.15 U	19.5	78	80-123	F
1,2-Dichlorobenzene	25.1	0.11 U	22.5	90	80-120	
1,3-Dichlorobenzene	25.1	0.17 U	23.0	92	80-120	
1,4-Dichlorobenzene	25.1	0.12 U	23.3	93	80-120	
1,2,4-Trichlorobenzene	25.1	0.21 U	20.8	83	80-120	
1,2,3-Trichlorobenzene	25.1	0.17 U	20.5	82	75-121	
1,2-Dichloropropane	25.1	0.16 U	23.3	93	82-122	
Methylcyclohexane	25.1	0.11 U	20.9	83	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21900.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Tetrachloroethene	25.1	0.13 U	26.2	104	80-120	
1,2-Dibromo-3-Chloropropane	25.1	0.48 U	17.2	68	74-118	F
1,1,2,2-Tetrachloroethane	25.1	0.097 U	20.7	82	79-122	
1,1,2-Trichloroethane	25.1	0.15 U	21.9	87	73-118	
Dibromochloromethane	25.1	0.11 U	19.5	78	68-120	
1,2-Dibromoethane	25.1	0.16 U	22.2	88	75-117	
Dichlorodifluoromethane	25.1	0.24 U	21.2	85	52-144	
Bromochloromethane	25.1	0.12 U	24.8	99	74-125	
Bromodichloromethane	25.1	0.35 U	23.6	94	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61610.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	26.8	0.25 U	30.2	113	50-151	
Bromomethane	26.8	0.66 U	25.3	94	54-142	
Vinyl chloride	26.8	0.52 U	25.9	97	67-133	
Chloroethane	26.8	0.51 U	26.4	99	56-146	
Methylene Chloride	26.8	0.92 J	27.6	99	74-137	
Acetone	26.8	2.6 U	25.2	94	27-164	
Xylenes, Total	80.4	1.0 U	61.5	76	82-122	F
Carbon disulfide	26.8	0.23 U	20.6	77	72-128	
Trichlorofluoromethane	26.8	0.25 U	25.6	95	61-139	
1,1-Dichloroethene	26.8	0.29 U	23.8	89	71-126	
1,1-Dichloroethane	26.8	0.17 U	23.0	86	76-125	
trans-1,2-Dichloroethene	26.8	0.20 U	23.8	89	75-122	
cis-1,2-Dichloroethene	26.8	0.17 U	23.1	86	80-120	
Chloroform	26.8	0.37 U	24.0	90	77-120	
2-Butanone	26.8	0.97 U	18.0	67	77-117	F
1,2-Dichloroethane	26.8	0.28 U	22.9	85	76-118	
1,1,1-Trichloroethane	26.8	0.20 U	23.7	89	78-117	
Carbon tetrachloride	26.8	0.23 U	23.3	87	79-118	
Benzene	26.8	0.23 U	22.5	84	77-117	
Bromoform	26.8	0.26 U	18.3	68	59-125	
Styrene	26.8	0.43 U	20.3	76	82-122	F
Ethylbenzene	26.8	0.26 U	21.0	78	81-121	F
Chlorobenzene	26.8	0.28 U	20.8	78	80-120	F
Cyclohexane	26.8	0.20 U	19.5	73	80-121	F
Isopropylbenzene	26.8	0.17 U	20.7	77	65-129	
2-Hexanone	26.8	0.20 U	13.4	50	70-122	F
MTBE	26.8	0.17 U	18.5	69	78-120	F
Freon TF	26.8	0.17 U	20.5	77	73-123	
Methyl acetate	26.8	0.49 U	36.5	136	73-137	
1,4-Dioxane	201	20 U	176	88	69-131	
Trichloroethene	26.8	0.18 U	22.7	85	79-119	
Toluene	26.8	0.22 U	20.3	76	75-115	
trans-1,3-Dichloropropene	26.8	0.15 U	15.6	58	67-121	F
4-Methyl-2-pentanone	26.8	0.31 U	17.0	63	68-120	F
cis-1,3-Dichloropropene	26.8	0.22 U	21.5	80	80-123	
1,2-Dichlorobenzene	26.8	0.15 U	20.4	76	80-120	F
1,3-Dichlorobenzene	26.8	0.25 U	19.4	72	80-120	F
1,4-Dichlorobenzene	26.8	0.17 U	19.9	74	80-120	F
1,2,4-Trichlorobenzene	26.8	0.29 U	18.9	71	80-120	F
1,2,3-Trichlorobenzene	26.8	0.25 U	19.1	71	75-121	F
1,2-Dichloropropane	26.8	0.23 U	21.6	81	82-122	F
Methylcyclohexane	26.8	0.15 U	18.5	69	78-118	F

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61610.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Tetrachloroethene	26.8	0.18 U	21.7	81	80-120	
1,2-Dibromo-3-Chloropropane	26.8	0.68 U	16.2	60	74-118	F
1,1,2,2-Tetrachloroethane	26.8	0.14 U	18.1	68	79-122	F
1,1,2-Trichloroethane	26.8	0.22 U	18.8	70	73-118	F
Dibromochloromethane	26.8	0.15 U	17.7	66	68-120	F
1,2-Dibromoethane	26.8	0.23 U	19.6	73	75-117	F
Dichlorodifluoromethane	26.8	0.34 U	26.5	99	52-144	
Bromochloromethane	26.8	0.17 U	28.4	106	74-125	
Bromodichloromethane	26.8	0.49 U	23.3	87	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21901.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	21.2	18.8	89	26	30	50-151	
Bromomethane	21.2	22.0	103	27	30	54-142	
Vinyl chloride	21.2	19.7	93	28	30	67-133	
Chloroethane	21.2	21.4	101	28	30	56-146	
Methylene Chloride	21.2	24.2	111	18	30	74-137	
Acetone	21.2	31.6	65	6	30	27-164	
Xylenes, Total	63.7	60.6	95	23	30	82-122	
Carbon disulfide	21.2	16.0	75	24	30	72-128	
Trichlorofluoromethane	21.2	18.5	87	26	30	61-139	
1,1-Dichloroethene	21.2	23.4	110	24	30	71-126	
1,1-Dichloroethane	21.2	20.4	96	22	30	76-125	
trans-1,2-Dichloroethene	21.2	22.3	105	20	30	75-122	
cis-1,2-Dichloroethene	21.2	20.2	95	24	30	80-120	
Chloroform	21.2	19.7	93	21	30	77-120	
2-Butanone	21.2	17.0	69	19	30	77-117	F
1,2-Dichloroethane	21.2	18.7	88	16	30	76-118	
1,1,1-Trichloroethane	21.2	20.2	95	23	30	78-117	
Carbon tetrachloride	21.2	20.6	97	25	30	79-118	
Benzene	21.2	20.7	97	21	30	77-117	
Bromoform	21.2	14.9	70	19	30	59-125	
Styrene	21.2	19.4	91	21	30	82-122	
Ethylbenzene	21.2	20.5	96	19	30	81-121	
Chlorobenzene	21.2	19.4	91	22	30	80-120	
Cyclohexane	21.2	16.8	79	25	30	80-121	F
Isopropylbenzene	21.2	20.0	94	22	30	65-129	
2-Hexanone	21.2	17.2	81	21	30	70-122	
MTBE	21.2	18.6	88	15	30	78-120	
Freon TF	21.2	20.6	97	23	30	73-123	
Methyl acetate	21.2	17.6	83	18	30	73-137	
1,4-Dioxane	159	139	87	13	30	69-131	
Trichloroethene	21.2	20.2	95	20	30	79-119	
Toluene	21.2	21.3	100	21	30	75-115	
trans-1,3-Dichloropropene	21.2	15.2	72	19	30	67-121	
4-Methyl-2-pentanone	21.2	16.1	76	15	30	68-120	
cis-1,3-Dichloropropene	21.2	16.0	75	20	30	80-123	F
1,2-Dichlorobenzene	21.2	18.3	86	21	30	80-120	
1,3-Dichlorobenzene	21.2	18.7	88	21	30	80-120	
1,4-Dichlorobenzene	21.2	18.7	88	22	30	80-120	
1,2,4-Trichlorobenzene	21.2	16.7	79	22	30	80-120	F
1,2,3-Trichlorobenzene	21.2	16.9	79	20	30	75-121	
1,2-Dichloropropane	21.2	19.4	91	18	30	82-122	
Methylcyclohexane	21.2	17.2	81	19	30	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d21901.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	21.2	20.8	98	23	30	80-120	
1,2-Dibromo-3-Chloropropane	21.2	14.1	66	20	30	74-118	F
1,1,2,2-Tetrachloroethane	21.2	18.4	86	12	30	79-122	
1,1,2-Trichloroethane	21.2	18.8	89	15	30	73-118	
Dibromochloromethane	21.2	16.0	75	20	30	68-120	
1,2-Dibromoethane	21.2	18.8	89	16	30	75-117	
Dichlorodifluoromethane	21.2	16.1	76	28	30	52-144	
Bromochloromethane	21.2	19.9	94	22	30	74-125	
Bromodichloromethane	21.2	19.3	91	20	30	79-119	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61611.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	26.8	26.2	98	14	30	50-151	
Bromomethane	26.8	22.8	85	10	30	54-142	
Vinyl chloride	26.8	22.7	85	13	30	67-133	
Chloroethane	26.8	22.3	83	17	30	56-146	
Methylene Chloride	26.8	26.8	97	3	30	74-137	
Acetone	26.8	27.2	102	8	30	27-164	
Xylenes, Total	80.4	62.0	77	1	30	82-122	F
Carbon disulfide	26.8	24.6	92	18	30	72-128	
Trichlorofluoromethane	26.8	22.2	83	14	30	61-139	
1,1-Dichloroethene	26.8	22.2	83	7	30	71-126	
1,1-Dichloroethane	26.8	22.5	84	2	30	76-125	
trans-1,2-Dichloroethene	26.8	23.0	86	3	30	75-122	
cis-1,2-Dichloroethene	26.8	22.6	84	2	30	80-120	
Chloroform	26.8	23.0	86	4	30	77-120	
2-Butanone	26.8	23.0	86	24	30	77-117	
1,2-Dichloroethane	26.8	21.9	82	4	30	76-118	
1,1,1-Trichloroethane	26.8	23.5	88	1	30	78-117	
Carbon tetrachloride	26.8	23.3	87	0	30	79-118	
Benzene	26.8	22.6	84	1	30	77-117	
Bromoform	26.8	18.4	69	1	30	59-125	
Styrene	26.8	20.5	76	1	30	82-122	F
Ethylbenzene	26.8	20.9	78	1	30	81-121	F
Chlorobenzene	26.8	20.8	77	0	30	80-120	F
Cyclohexane	26.8	24.6	92	23	30	80-121	
Isopropylbenzene	26.8	20.8	78	1	30	65-129	
2-Hexanone	26.8	17.9	67	29	30	70-122	F
MTBE	26.8	23.3	87	23	30	78-120	
Freon TF	26.8	26.1	97	24	30	73-123	
Methyl acetate	26.8	40.0	149	9	30	73-137	F
1,4-Dioxane	201	169	84	4	30	69-131	
Trichloroethene	26.8	22.2	83	2	30	79-119	
Toluene	26.8	20.5	76	1	30	75-115	
trans-1,3-Dichloropropene	26.8	16.2	60	4	30	67-121	F
4-Methyl-2-pentanone	26.8	21.4	80	23	30	68-120	
cis-1,3-Dichloropropene	26.8	21.3	79	1	30	80-123	F
1,2-Dichlorobenzene	26.8	19.8	74	3	30	80-120	F
1,3-Dichlorobenzene	26.8	19.3	72	1	30	80-120	F
1,4-Dichlorobenzene	26.8	19.4	72	2	30	80-120	F
1,2,4-Trichlorobenzene	26.8	19.1	71	1	30	80-120	F
1,2,3-Trichlorobenzene	26.8	18.7	70	3	30	75-121	F
1,2-Dichloropropane	26.8	20.5	76	5	30	82-122	F
Methylcyclohexane	26.8	23.9	89	26	30	78-118	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o61611.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	26.8	22.6	84	4	30	80-120	
1,2-Dibromo-3-Chloropropane	26.8	16.4	61	1	30	74-118	F
1,1,2,2-Tetrachloroethane	26.8	19.0	71	5	30	79-122	F
1,1,2-Trichloroethane	26.8	19.5	73	4	30	73-118	
Dibromochloromethane	26.8	18.2	68	2	30	68-120	
1,2-Dibromoethane	26.8	20.4	76	4	30	75-117	
Dichlorodifluoromethane	26.8	23.7	88	11	30	52-144	
Bromochloromethane	26.8	25.9	97	9	30	74-125	
Bromodichloromethane	26.8	23.0	86	1	30	79-119	

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.: 460-41492-1

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
F-6	460-41492-21	o61608.d	06/27/2012 20:03
F-6 MS	460-41492-21 MS	o61610.d	06/27/2012 20:53
F-6 MSD	460-41492-21 MSD	o61611.d	06/27/2012 21:18

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: d21894.d Lab Sample ID: MB 460-117294/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 06/25/2012 07:39

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-117294/3	d21889.d	06/25/2012 05:06
	LB3 460-116713/1-A	d21895.d	06/25/2012 08:03
SF-1	460-41492-1	d21896.d	06/25/2012 08:26
SF-2	460-41492-2	d21897.d	06/25/2012 08:49
SF-3	460-41492-3	d21898.d	06/25/2012 09:13
SF-8	460-41492-8	d21899.d	06/25/2012 09:36
SF-8 MS	460-41492-8 MS	d21900.d	06/25/2012 10:00
SF-8 MSD	460-41492-8 MSD	d21901.d	06/25/2012 10:27
SF-4	460-41492-4	d21903.d	06/25/2012 11:14
SF-5	460-41492-5	d21904.d	06/25/2012 11:37
SF-6	460-41492-6	d21905.d	06/25/2012 12:01
SF-7	460-41492-7	d21906.d	06/25/2012 12:24
SF-9	460-41492-9	d21907.d	06/25/2012 12:47
SF-10	460-41492-10	d21908.d	06/25/2012 13:11
SF-11	460-41492-11	d21909.d	06/25/2012 13:34
SF-12	460-41492-12	d21910.d	06/25/2012 13:57
SF-13	460-41492-13	d21911.d	06/25/2012 14:21
SF-14	460-41492-14	d21912.d	06/25/2012 14:44
FD-C	460-41492-15	d21913.d	06/25/2012 15:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: d21923.d Lab Sample ID: MB 460-117463/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 06/25/2012 19:04

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-117463/3	d21918.d	06/25/2012 17:07
	LCSD 460-117463/4	d21920.d	06/25/2012 17:54
F-1	460-41492-16	d21924.d	06/25/2012 19:27
F-2	460-41492-17	d21925.d	06/25/2012 19:51
F-4	460-41492-19	d21926.d	06/25/2012 20:14
F-5	460-41492-20	d21927.d	06/25/2012 20:38
F-7	460-41492-22	d21928.d	06/25/2012 21:01
FD-D	460-41492-23	d21929.d	06/25/2012 21:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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.: 460-41492-1

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
	MB 460-117746/5	o61605.d	06/27/2012	18:48
F-6	460-41492-21	o61608.d	06/27/2012	20:03
F-6 MS	460-41492-21 MS	o61610.d	06/27/2012	20:53
F-6 MSD	460-41492-21 MSD	o61611.d	06/27/2012	21:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: d21844.d BFB Injection Date: 06/21/2012

Instrument ID: VOAMS4 BFB Injection Time: 19:02

Analysis Batch No.: 117083

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.6	
75	30.0 - 60.0 % of mass 95	51.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	1.1	(1.3)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	5.7	(6.9)1
176	95.0 - 101.0 % of mass 174	81.1	(98.0)1
177	5.0 - 9.0 % of mass 176	4.9	(6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-117083/2	d21846.d	06/21/2012	19:52
	IC 460-117083/3	d21849.d	06/21/2012	21:33
	IC 460-117083/4	d21850.d	06/21/2012	21:56
	IC 460-117083/5	d21852.d	06/21/2012	22:41
	IC 460-117083/6	d21853.d	06/21/2012	23:05
	IC 460-117083/7	d21854.d	06/21/2012	23:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: d21887.d BFB Injection Date: 06/25/2012

Instrument ID: VOAMS4 BFB Injection Time: 04:17

Analysis Batch No.: 117294

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	51.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.9	(1.1)1
174	50.0 - 120.00 % of mass 95	82.7	
175	5.0 - 9.0 % of mass 174	6.1	(7.4)1
176	95.0 - 101.0 % of mass 174	78.8	(95.3)1
177	5.0 - 9.0 % of mass 176	5.2	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-117294/2	d21888.d	06/25/2012	04:42
	LCS 460-117294/3	d21889.d	06/25/2012	05:06
	MB 460-117294/5	d21894.d	06/25/2012	07:39
	LB3 460-116713/1-A	d21895.d	06/25/2012	08:03
SF-1	460-41492-1	d21896.d	06/25/2012	08:26
SF-2	460-41492-2	d21897.d	06/25/2012	08:49
SF-3	460-41492-3	d21898.d	06/25/2012	09:13
SF-8	460-41492-8	d21899.d	06/25/2012	09:36
SF-8 MS	460-41492-8 MS	d21900.d	06/25/2012	10:00
SF-8 MSD	460-41492-8 MSD	d21901.d	06/25/2012	10:27
SF-4	460-41492-4	d21903.d	06/25/2012	11:14
SF-5	460-41492-5	d21904.d	06/25/2012	11:37
SF-6	460-41492-6	d21905.d	06/25/2012	12:01
SF-7	460-41492-7	d21906.d	06/25/2012	12:24
SF-9	460-41492-9	d21907.d	06/25/2012	12:47
SF-10	460-41492-10	d21908.d	06/25/2012	13:11
SF-11	460-41492-11	d21909.d	06/25/2012	13:34
SF-12	460-41492-12	d21910.d	06/25/2012	13:57
SF-13	460-41492-13	d21911.d	06/25/2012	14:21
SF-14	460-41492-14	d21912.d	06/25/2012	14:44
FD-C	460-41492-15	d21913.d	06/25/2012	15:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: d21915.d BFB Injection Date: 06/25/2012

Instrument ID: VOAMS4 BFB Injection Time: 15:49

Analysis Batch No.: 117463

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.9	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	81.4	
175	5.0 - 9.0 % of mass 174	6.3	(7.8)1
176	95.0 - 101.0 % of mass 174	79.6	(97.8)1
177	5.0 - 9.0 % of mass 176	5.4	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-117463/2	d21917.d	06/25/2012	16:35
	LCS 460-117463/3	d21918.d	06/25/2012	17:07
	LCSD 460-117463/4	d21920.d	06/25/2012	17:54
	MB 460-117463/5	d21923.d	06/25/2012	19:04
F-1	460-41492-16	d21924.d	06/25/2012	19:27
F-2	460-41492-17	d21925.d	06/25/2012	19:51
F-4	460-41492-19	d21926.d	06/25/2012	20:14
F-5	460-41492-20	d21927.d	06/25/2012	20:38
F-7	460-41492-22	d21928.d	06/25/2012	21:01
FD-D	460-41492-23	d21929.d	06/25/2012	21:25

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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
MB 460-117746/5		795766	3.71	610441	7.28	357280	10.94
460-41492-21	F-6	821824	3.71	638075	7.28	379498	10.94
460-41492-21 MS	F-6 MS	854881	3.71	659344	7.27	371842	10.94
460-41492-21 MSD	F-6 MSD	892413	3.70	663461	7.28	378250	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.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117294/2 Date Analyzed: 06/25/2012 04:42

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d21888.d Heated Purge: (Y/N) Y

Calibration ID: 16131

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		741814	4.63	466388	8.02	235749	9.98
UPPER LIMIT		1483628	5.13	932776	8.52	471498	10.48
LOWER LIMIT		370907	4.13	233194	7.52	117875	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-117294/3		624835	4.63	394304	8.02	203968	9.98
MB 460-117294/5		768333	4.64	461153	8.03	232561	9.98
LB3 460-116713/1-A		719868	4.63	438976	8.02	214332	9.98
460-41492-1	SF-1	727667	4.64	449622	8.02	229710	9.98
460-41492-2	SF-2	751569	4.63	468124	8.02	242039	9.98
460-41492-3	SF-3	702572	4.63	416676	8.02	211900	9.98
460-41492-8	SF-8	696376	4.64	430977	8.02	219580	9.98
460-41492-8 MS	SF-8 MS	772152	4.64	467734	8.03	240527	9.98
460-41492-8 MSD	SF-8 MSD	834056	4.65	508127	8.03	259752	9.98
460-41492-4	SF-4	766862	4.63	468519	8.02	239766	9.98
460-41492-5	SF-5	813743	4.65	491617	8.03	248031	9.98
460-41492-6	SF-6	812058	4.64	500220	8.03	258114	9.98
460-41492-7	SF-7	754543	4.64	458774	8.03	233717	9.98
460-41492-9	SF-9	785828	4.64	482161	8.03	244343	9.98
460-41492-10	SF-10	659335	4.64	390476	8.03	200249	9.98
460-41492-11	SF-11	662627	4.64	397492	8.03	205172	9.98
460-41492-12	SF-12	709457	4.64	431138	8.03	222619	9.98
460-41492-13	SF-13	688882	4.64	425578	8.03	217251	9.98
460-41492-14	SF-14	719899	4.64	442070	8.03	225007	9.98
460-41492-15	FD-C	678233	4.64	415917	8.03	215706	9.98

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.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117463/2 Date Analyzed: 06/25/2012 16:35

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d21917.d Heated Purge: (Y/N) Y

Calibration ID: 16131

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		721727	4.64	430086	8.03	216881	9.98
UPPER LIMIT		1443454	5.14	860172	8.53	433762	10.48
LOWER LIMIT		360864	4.14	215043	7.53	108441	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-117463/3		648498	4.65	418092	8.03	219038	9.98
LCSD 460-117463/4		645924	4.64	412310	8.03	212799	9.98
MB 460-117463/5		595025	4.64	364779	8.03	181584	9.98
460-41492-16	F-1	654445	4.65	390042	8.03	198400	9.98
460-41492-17	F-2	637436	4.64	402527	8.03	211615	9.98
460-41492-19	F-4	623913	4.64	394273	8.02	204018	9.98
460-41492-20	F-5	641797	4.65	389125	8.03	200606	9.98
460-41492-22	F-7	666042	4.64	427013	8.03	223474	9.98
460-41492-23	FD-D	611816	4.64	388891	8.02	203847	9.98

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.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: d21896.d

Analysis Method: 8260B | Date Collected: 06/18/2012 09:40

Sample wt/vol: 4.82(g) | Date Analyzed: 06/25/2012 08:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.52	U	1.2	0.52
75-01-4	Vinyl chloride	0.41	U	1.2	0.41
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.91	J B	1.2	0.18
67-64-1	Acetone	8.5	J B	12	2.0
1330-20-7	Xylenes, Total	0.81	U	3.6	0.81
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	1.5	J	12	0.76
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	1.2	0.39
123-91-1	1,4-Dioxane	15	U	60	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.78	J	12	0.24
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: d21896.d

Analysis Method: 8260B | Date Collected: 06/18/2012 09:40

Sample wt/vol: 4.82(g) | Date Analyzed: 06/25/2012 08:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1.2	0.53
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 Lab Sample ID: 460-41492-1

Matrix: Solid Lab File ID: d21896.d

Analysis Method: 8260B Date Collected: 06/18/2012 09:40

Sample wt/vol: 4.82(g) Date Analyzed: 06/25/2012 08:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21896.d
Report Date: 29-Jun-2012 14:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21896.d
Lab Smp Id: 460-41492-B-1-A Client Smp ID: SF-1
Inj Date : 25-JUN-2012 08:26
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-1-A;;;4.82;5
Misc Info : 460-41492-B-1-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.82000	Weight of sample extracted (g)
M	14.07035	% 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	2.558	2.552	(0.551)	6584	7.01439	8.5(a)
	6 Methylene Chloride	84	2.511	2.505	(0.541)	3048	0.75278	0.91(a)
	18 2-Butanone	43	4.023	4.017	(0.867)	1895	1.21952	1.5(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.940)	166597	41.2795	50
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	727667	50.0000	
	33 4-Methyl-2-Pentanone	43	6.929	6.923	(1.493)	2230	0.64323	0.78(aH)
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	594854	45.4300	55
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	449622	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	191275	45.1473	54
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	229710	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21896.d
Report Date: 29-Jun-2012 14:23

QC Flag Legend

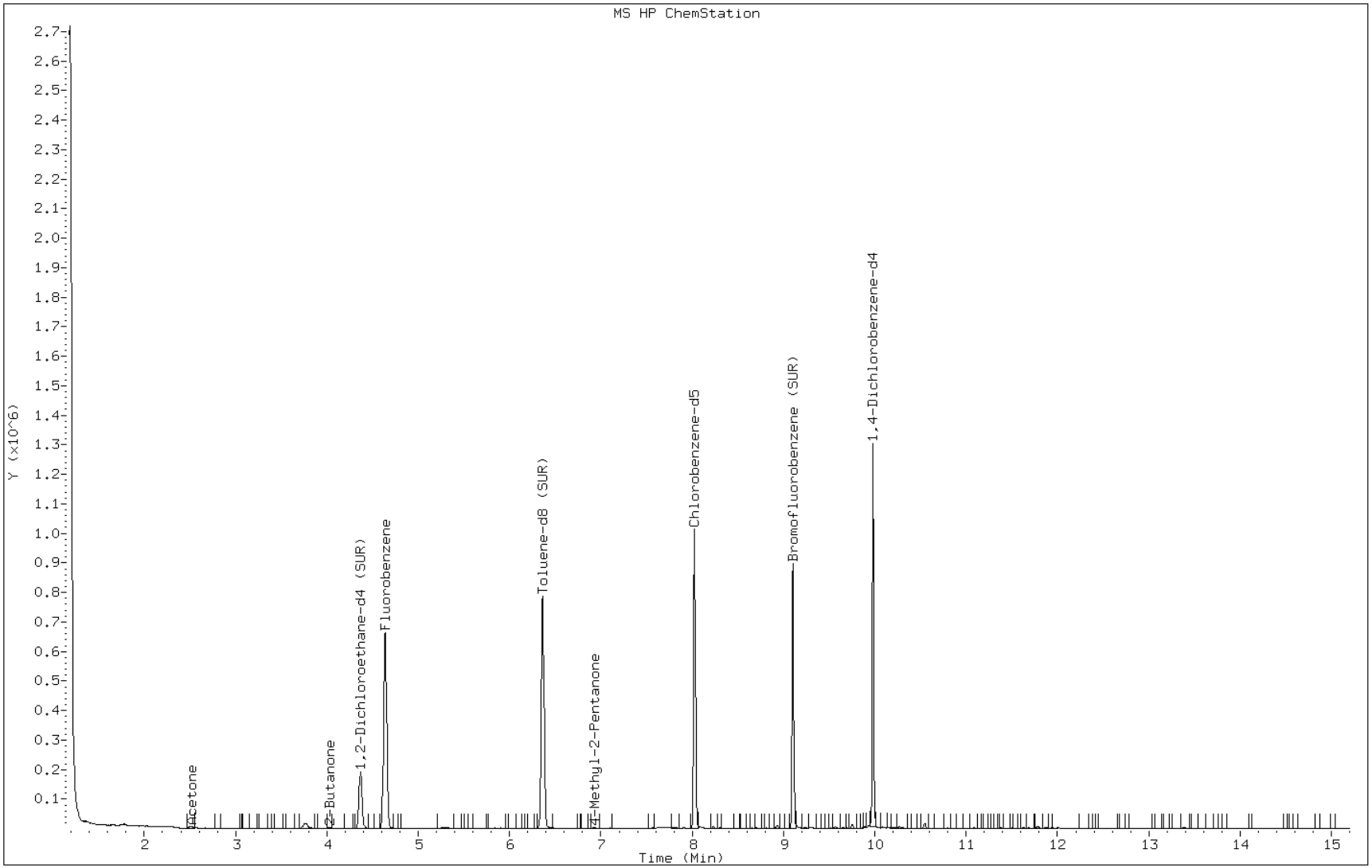
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21896.d

Date: 25-JUN-2012 08:26

Client ID: SF-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-1-A;;;4.82;5 Operator: VOAMS 9



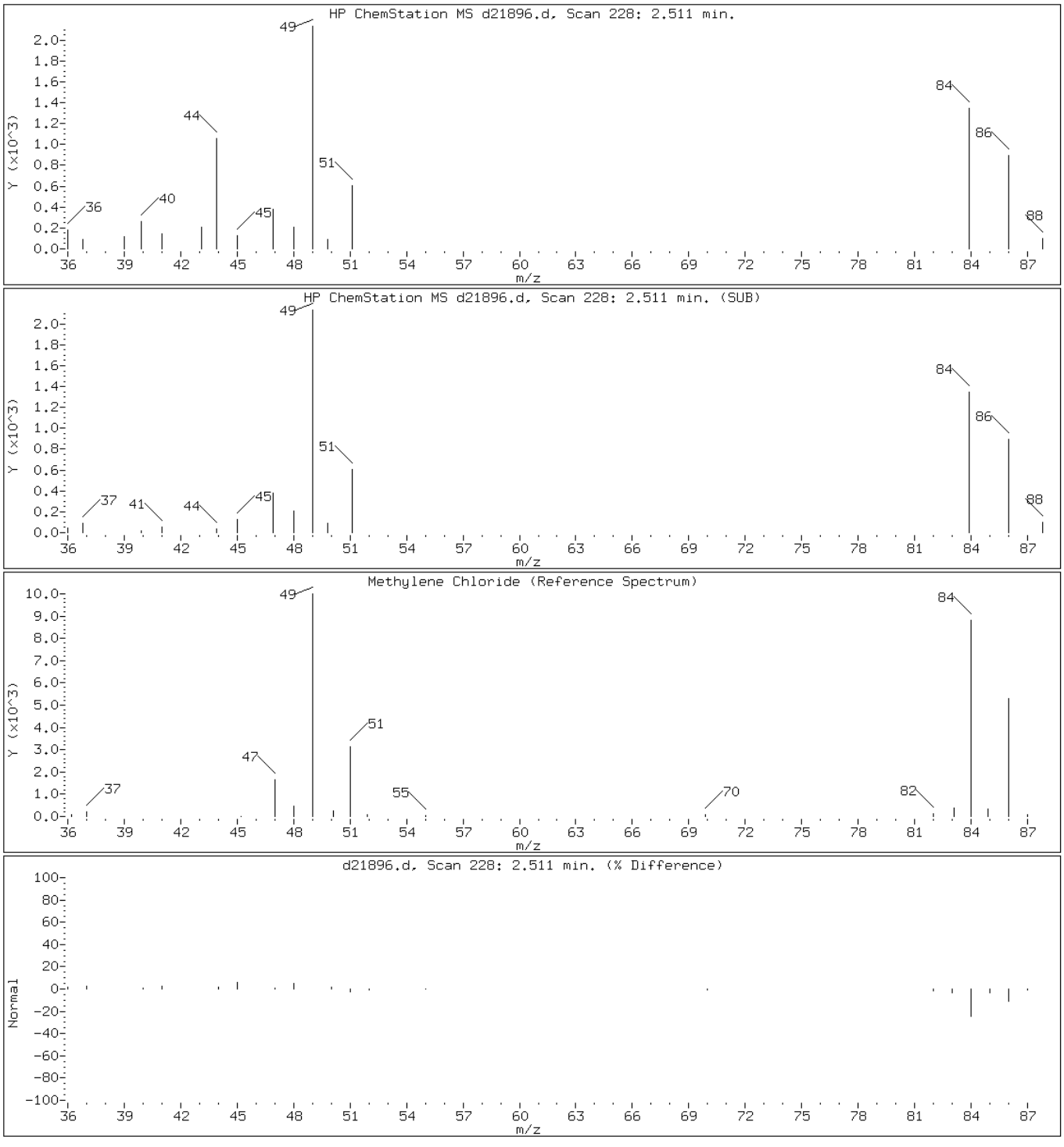
Data File: d21896.d

Date: 25-JUN-2012 08:26

Client ID: SF-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-1-A;;;4.82;5 Operator: VOAMS 9

6 Methylene Chloride



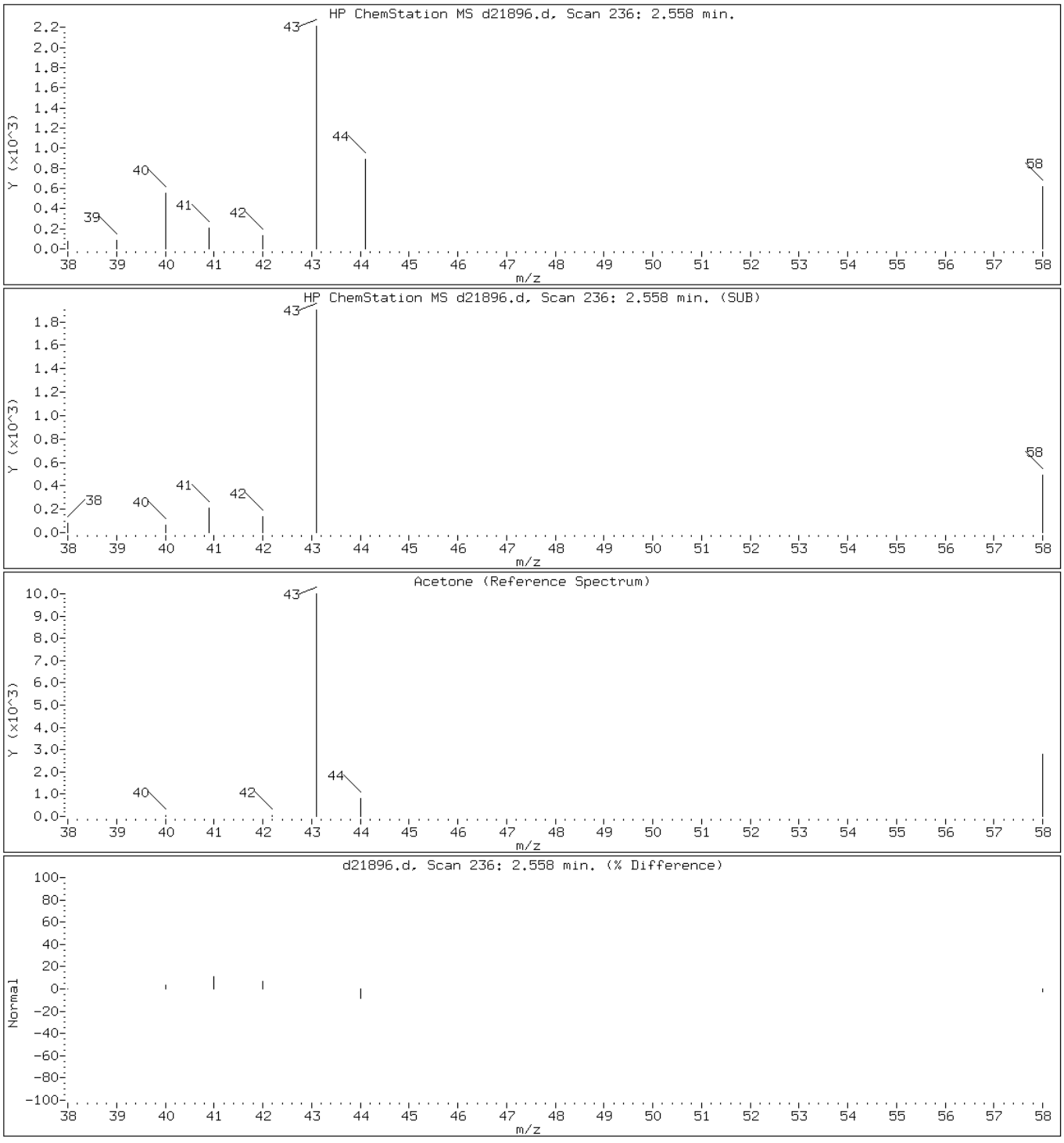
Data File: d21896.d

Date: 25-JUN-2012 08:26

Client ID: SF-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-1-A;;;4.82;5 Operator: VOAMS 9

7 Acetone



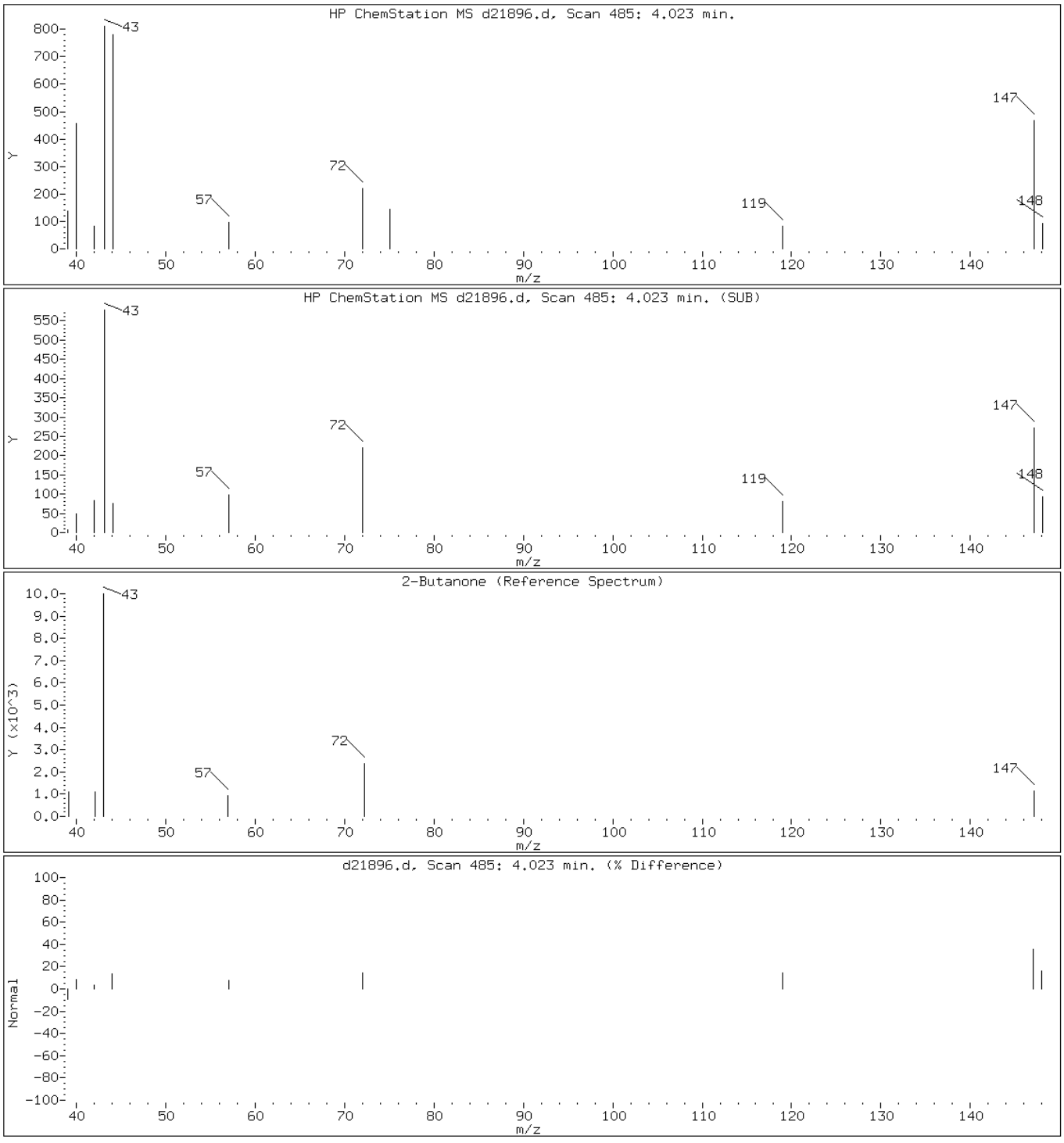
Data File: d21896.d

Date: 25-JUN-2012 08:26

Client ID: SF-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-1-A;;;4.82;5 Operator: VOAMS 9

18 2-Butanone



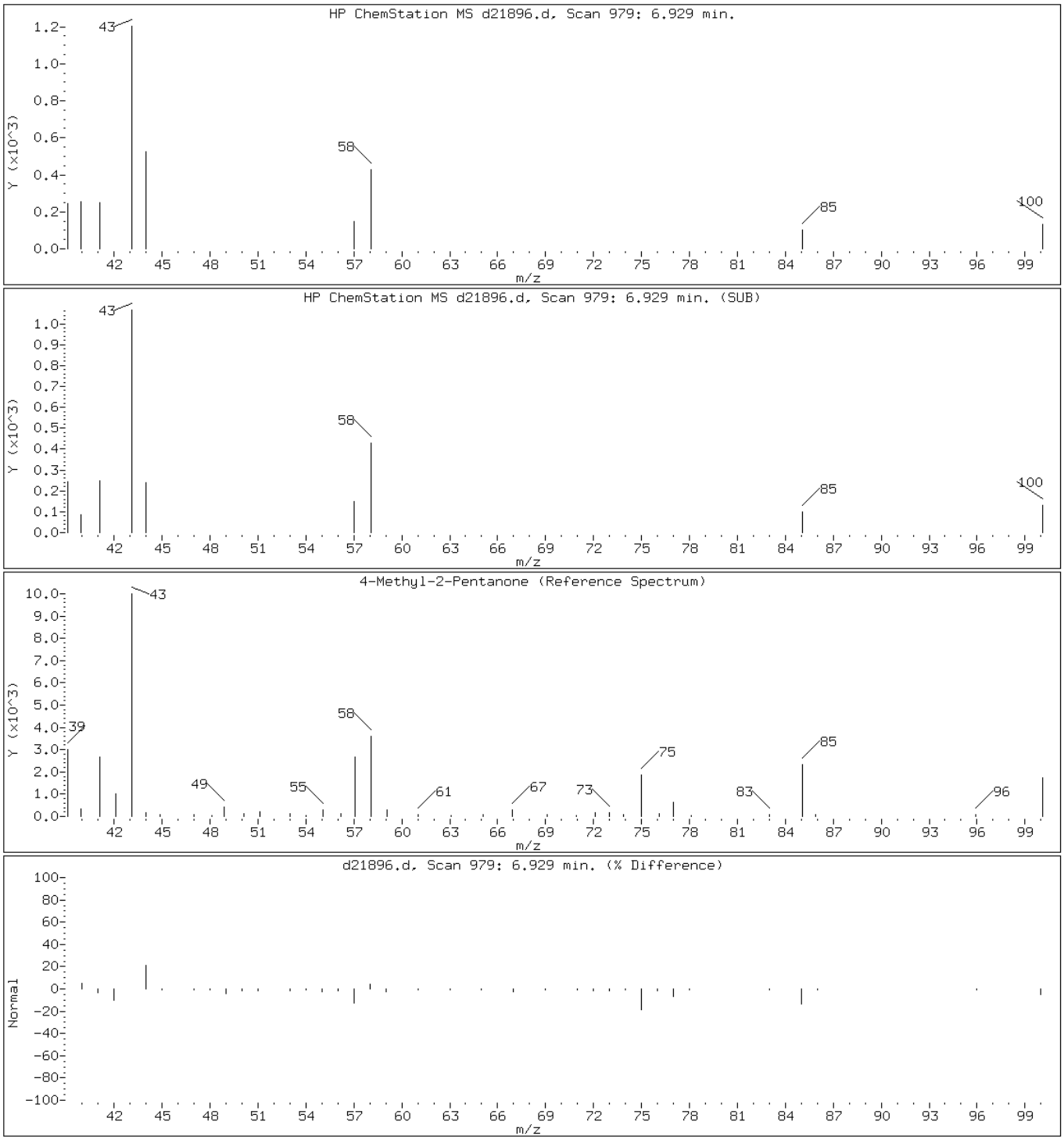
Data File: d21896.d

Date: 25-JUN-2012 08:26

Client ID: SF-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-1-A;;;4.82;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: d21897.d

Analysis Method: 8260B | Date Collected: 06/18/2012 10:40

Sample wt/vol: 4.44(g) | Date Analyzed: 06/25/2012 08:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.6 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.54	U	1.2	0.54
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.78	J B	1.2	0.19
67-64-1	Acetone	40	B	12	2.1
1330-20-7	Xylenes, Total	0.83	U	3.7	0.83
75-15-0	Carbon disulfide	0.27	J	1.2	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
67-66-3	Chloroform	0.30	U	1.2	0.30
78-93-3	2-Butanone	5.5	J	12	0.78
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
71-43-2	Benzene	0.19	U	1.2	0.19
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.35	U	1.2	0.35
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.14	U	1.2	0.14
76-13-1	Freon TF	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
123-91-1	1,4-Dioxane	16	U	62	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: d21897.d

Analysis Method: 8260B | Date Collected: 06/18/2012 10:40

Sample wt/vol: 4.44(g) | Date Analyzed: 06/25/2012 08:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.6 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.40	U	1.2	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 Lab Sample ID: 460-41492-2

Matrix: Solid Lab File ID: d21897.d

Analysis Method: 8260B Date Collected: 06/18/2012 10:40

Sample wt/vol: 4.44(g) Date Analyzed: 06/25/2012 08:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.6 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21897.d
Report Date: 25-Jun-2012 17:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21897.d
Lab Smp Id: 460-41492-B-2-A Client Smp ID: SF-2
Inj Date : 25-JUN-2012 08:49
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-2-A;;;4.44;5
Misc Info : 460-41492-B-2-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.44000	Weight of sample extracted (g)
M	9.59410	% 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	2.547	2.552	(0.549)	31298	32.2835	40
	8 Carbon Disulfide	76	2.111	2.111	(0.456)	3648	0.21997	0.27(a)
	6 Methylene Chloride	84	2.505	2.505	(0.541)	2631	0.62912	0.78(a)
	18 2-Butanone	43	4.017	4.017	(0.867)	7134	4.44505	5.5(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	173039	41.5122	52
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	751569	50.0000	
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	593469	43.5328	54
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	468124	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	191795	42.9641	54
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	242039	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21897.d
Report Date: 25-Jun-2012 17:27

QC Flag Legend

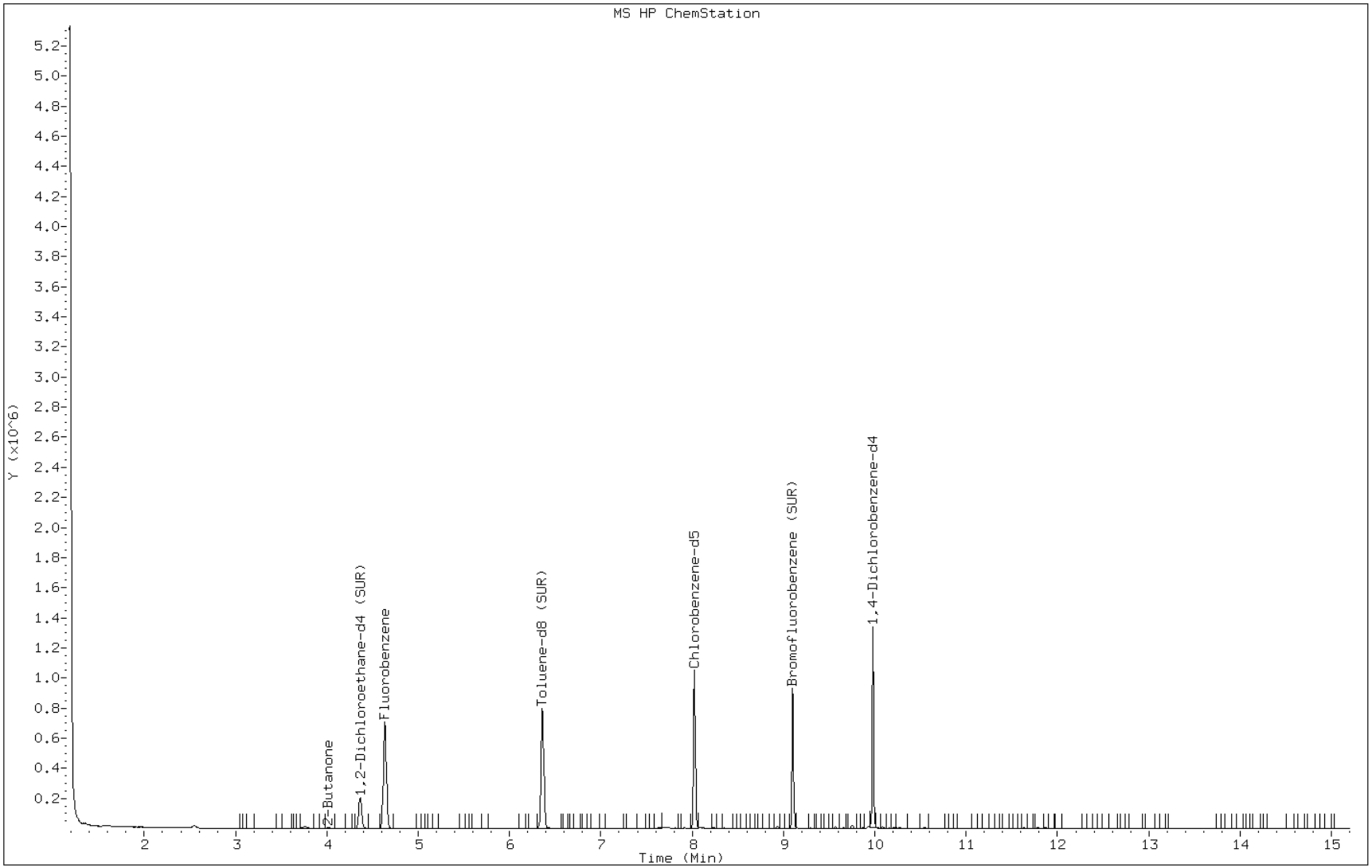
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21897.d

Date: 25-JUN-2012 08:49

Client ID: SF-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-2-A;;;4.44;5 Operator: VOAMS 9



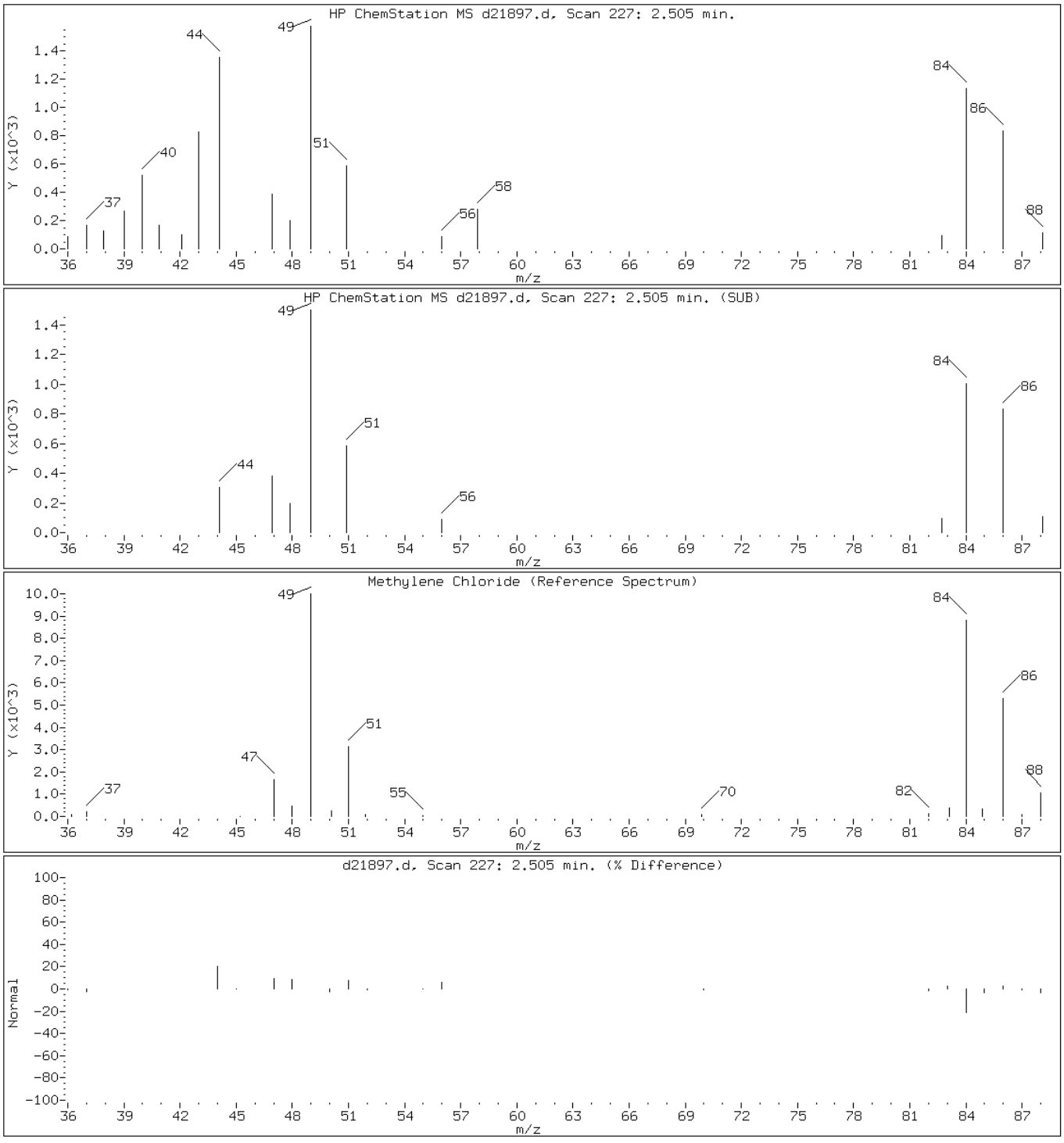
Data File: d21897.d

Date: 25-JUN-2012 08:49

Client ID: SF-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-2-A;;;4.44;5 Operator: VOAMS 9

6 Methylene Chloride



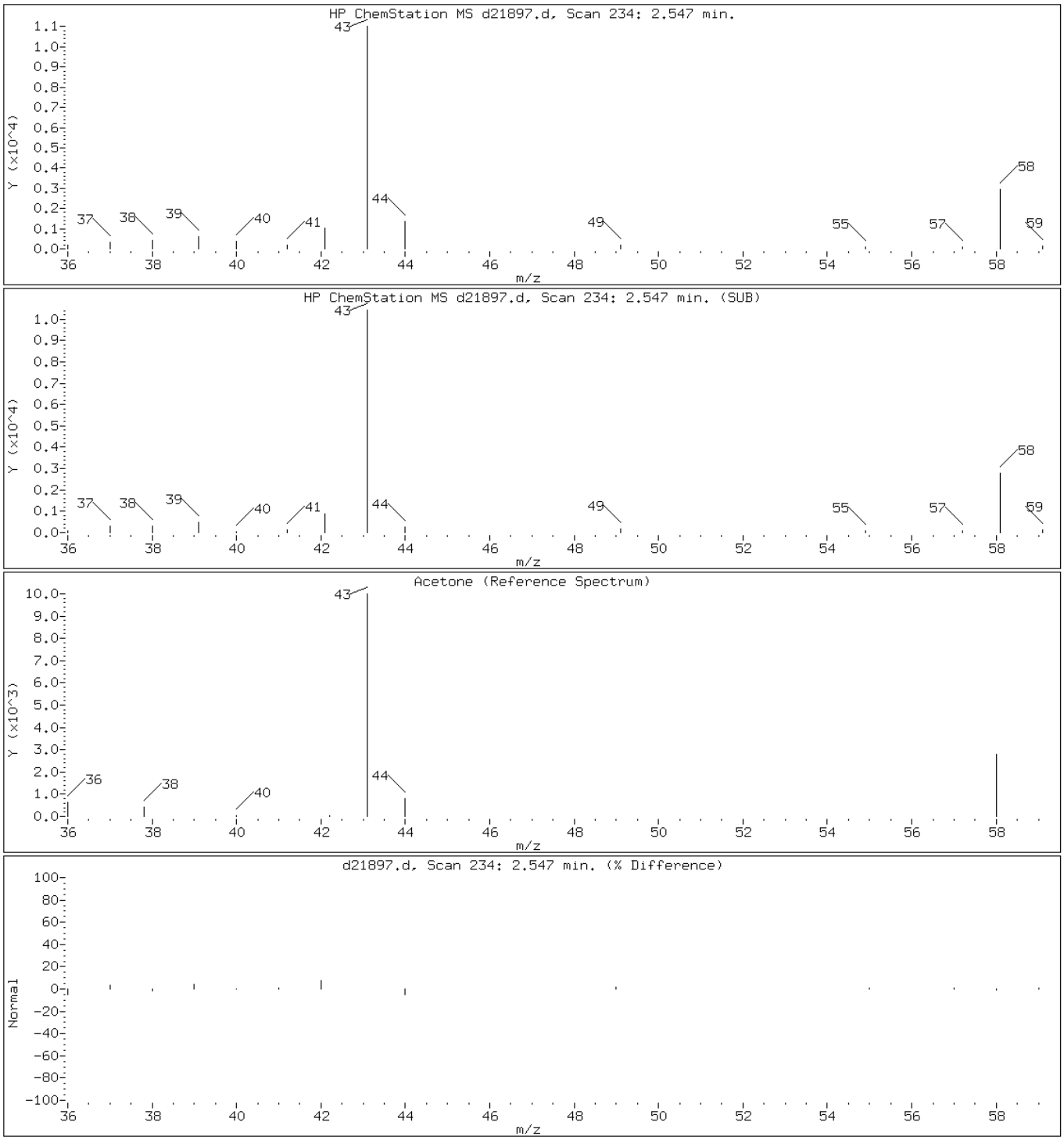
Data File: d21897.d

Date: 25-JUN-2012 08:49

Client ID: SF-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-2-A;;;4.44;5 Operator: VOAMS 9

7 Acetone



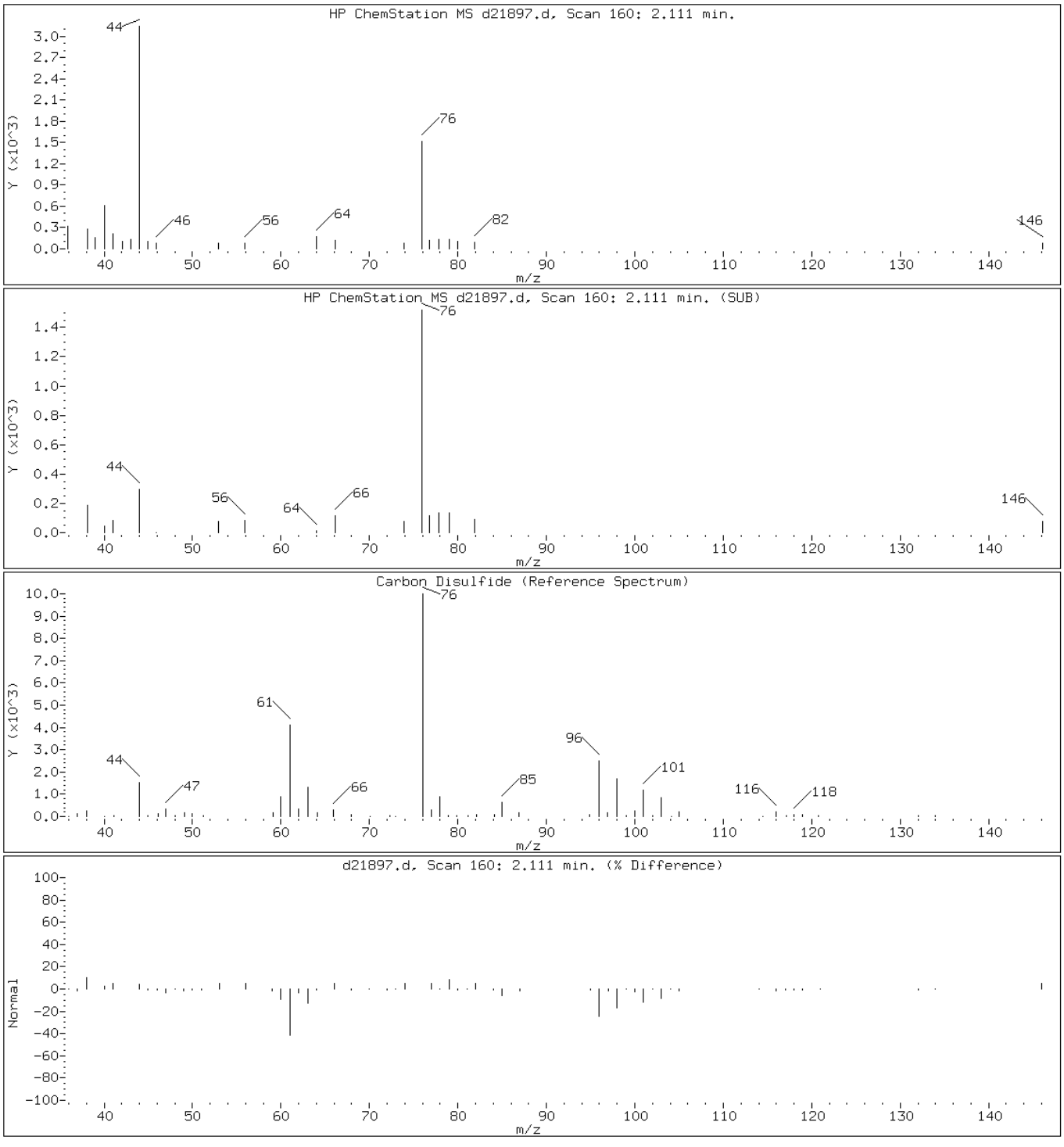
Data File: d21897.d

Date: 25-JUN-2012 08:49

Client ID: SF-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-2-A;;;4.44;5 Operator: VOAMS 9

8 Carbon Disulfide



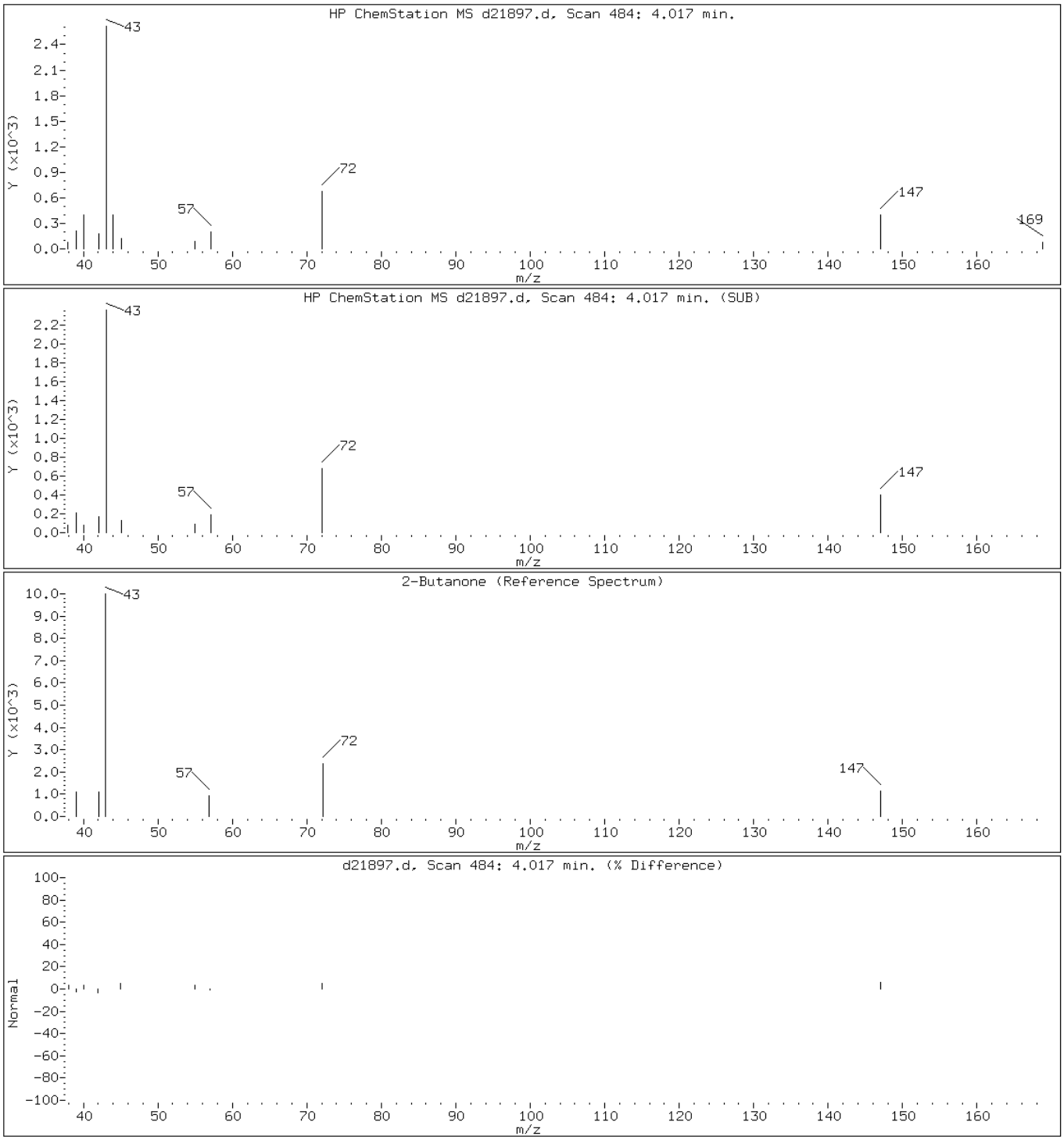
Data File: d21897.d

Date: 25-JUN-2012 08:49

Client ID: SF-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-2-A;;;4.44;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: d21898.d

Analysis Method: 8260B | Date Collected: 06/18/2012 12:25

Sample wt/vol: 4.96(g) | Date Analyzed: 06/25/2012 09:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
75-00-3	Chloroethane	0.38	U	1.2	0.38
75-09-2	Methylene Chloride	0.82	J B	1.2	0.17
67-64-1	Acetone	48	B	12	2.0
1330-20-7	Xylenes, Total	0.78	U	3.5	0.78
75-15-0	Carbon disulfide	0.57	J	1.2	0.17
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	7.7	J	12	0.73
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
71-43-2	Benzene	0.17	U	1.2	0.17
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.33	U	1.2	0.33
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	12	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
123-91-1	1,4-Dioxane	15	U	58	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.66	J	12	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: d21898.d

Analysis Method: 8260B | Date Collected: 06/18/2012 12:25

Sample wt/vol: 4.96(g) | Date Analyzed: 06/25/2012 09:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 Lab Sample ID: 460-41492-3

Matrix: Solid Lab File ID: d21898.d

Analysis Method: 8260B Date Collected: 06/18/2012 12:25

Sample wt/vol: 4.96(g) Date Analyzed: 06/25/2012 09:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21898.d
Report Date: 29-Jun-2012 14:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21898.d
Lab Smp Id: 460-41492-B-3-A Client Smp ID: SF-3
Inj Date : 25-JUN-2012 09:13
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-3-A;;;4.96;5
Misc Info : 460-41492-B-3-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.96000	Weight of sample extracted (g)
M	13.52740	% 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	2.546	2.552	(0.549)	37282	41.1378	48
	8 Carbon Disulfide	76	2.111	2.111	(0.456)	7548	0.48688	0.57(a)
	6 Methylene Chloride	84	2.511	2.505	(0.542)	2752	0.70395	0.82(a)
	18 2-Butanone	43	4.023	4.017	(0.868)	9926	6.61600	7.7(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	177884	45.6506	53
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	702572	50.0000	
	33 4-Methyl-2-Pentanone	43	6.923	6.923	(1.494)	1882	0.56224	0.66(aH)
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	603001	49.6934	58
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	416676	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	193548	49.5235	58
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	211900	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21898.d
Report Date: 29-Jun-2012 14:25

QC Flag Legend

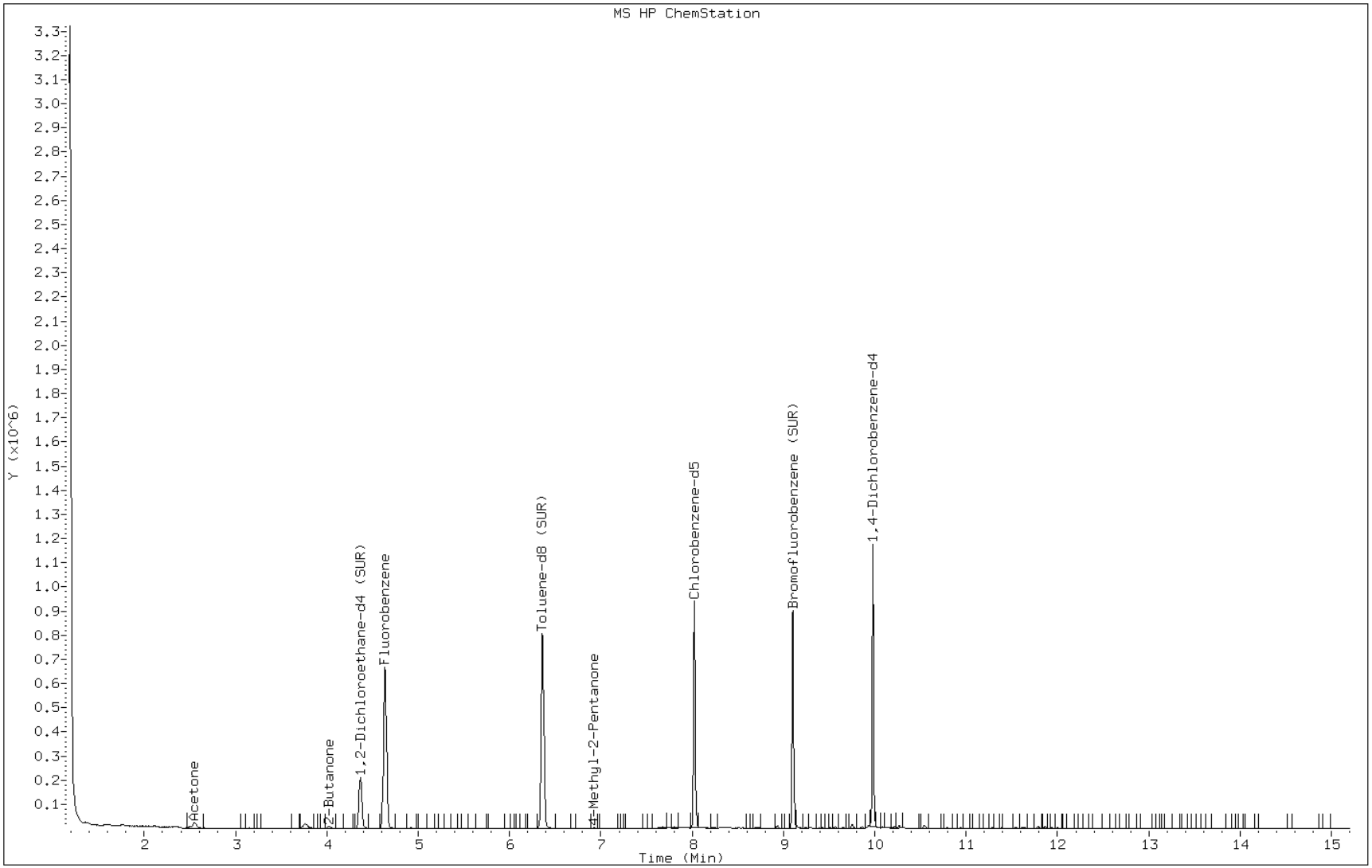
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9



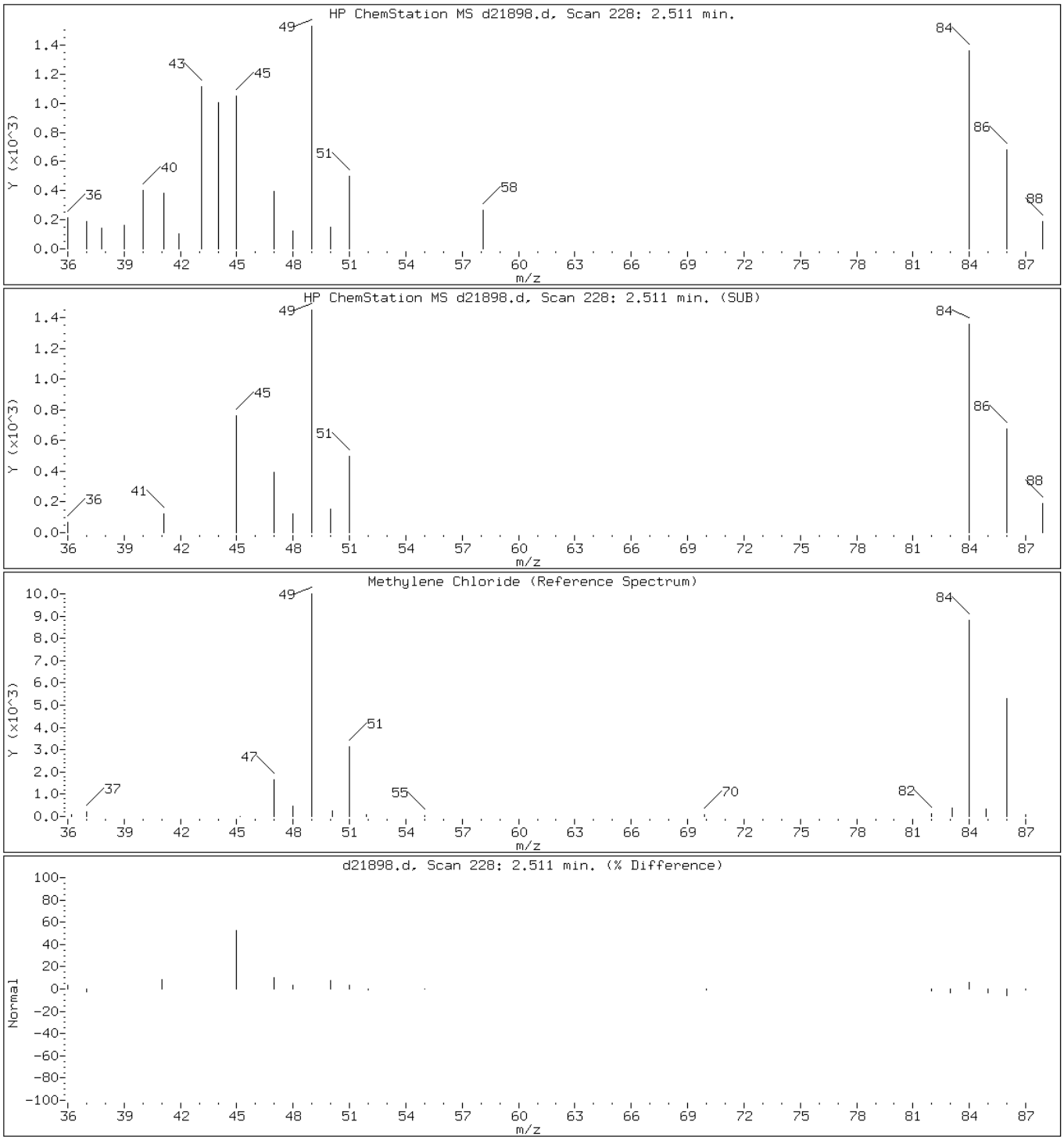
Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9

6 Methylene Chloride



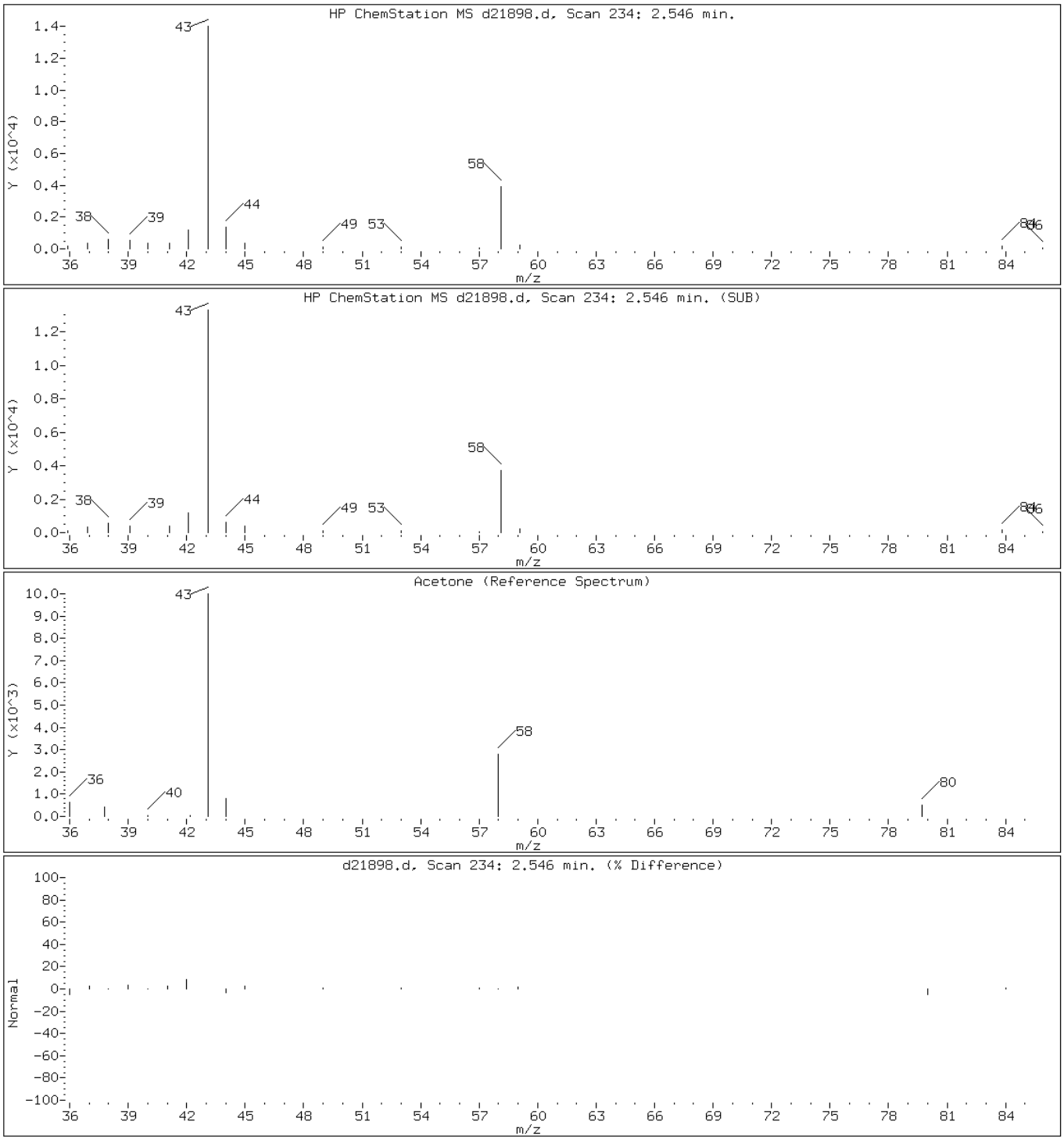
Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9

7 Acetone



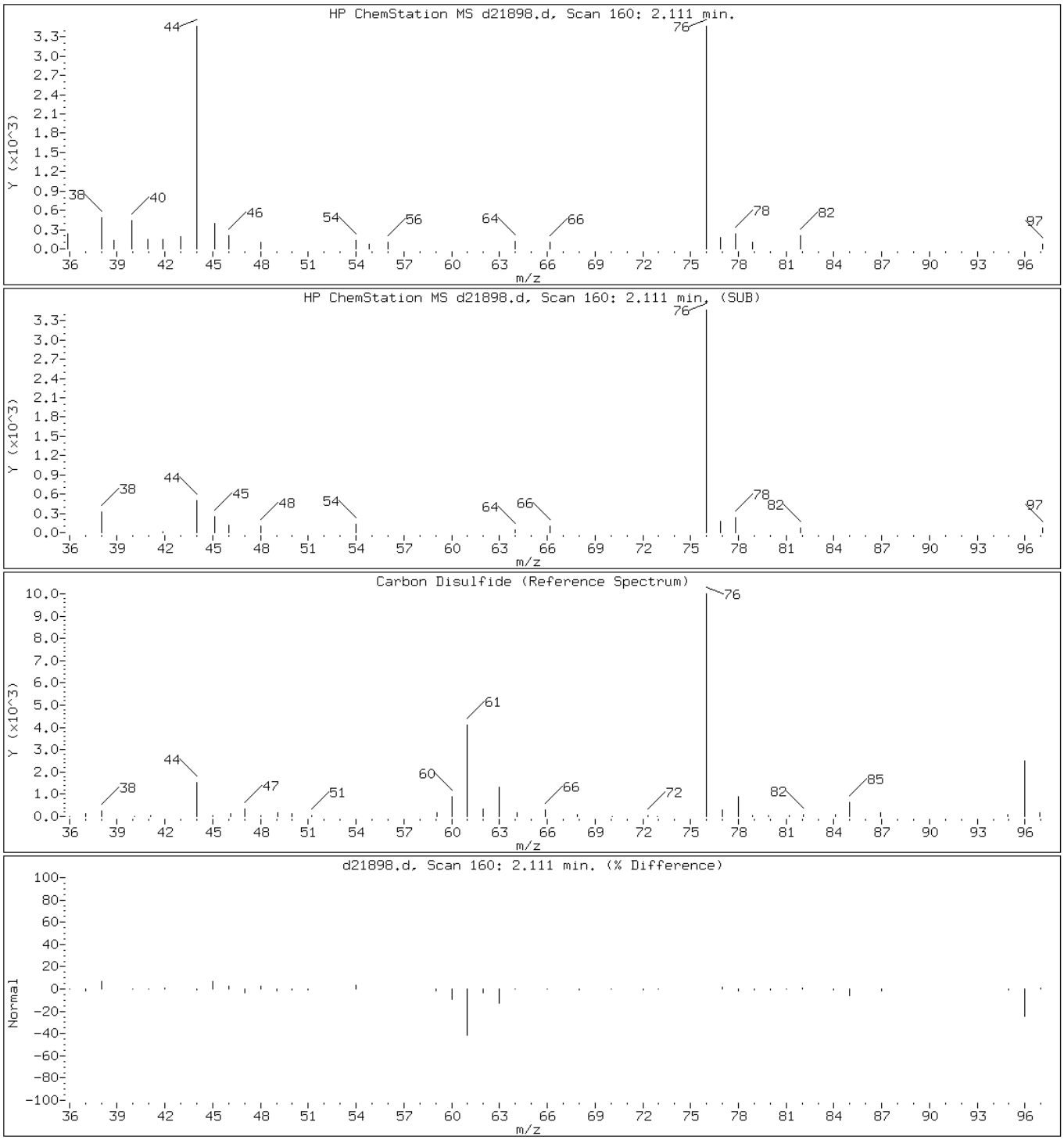
Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9

8 Carbon Disulfide



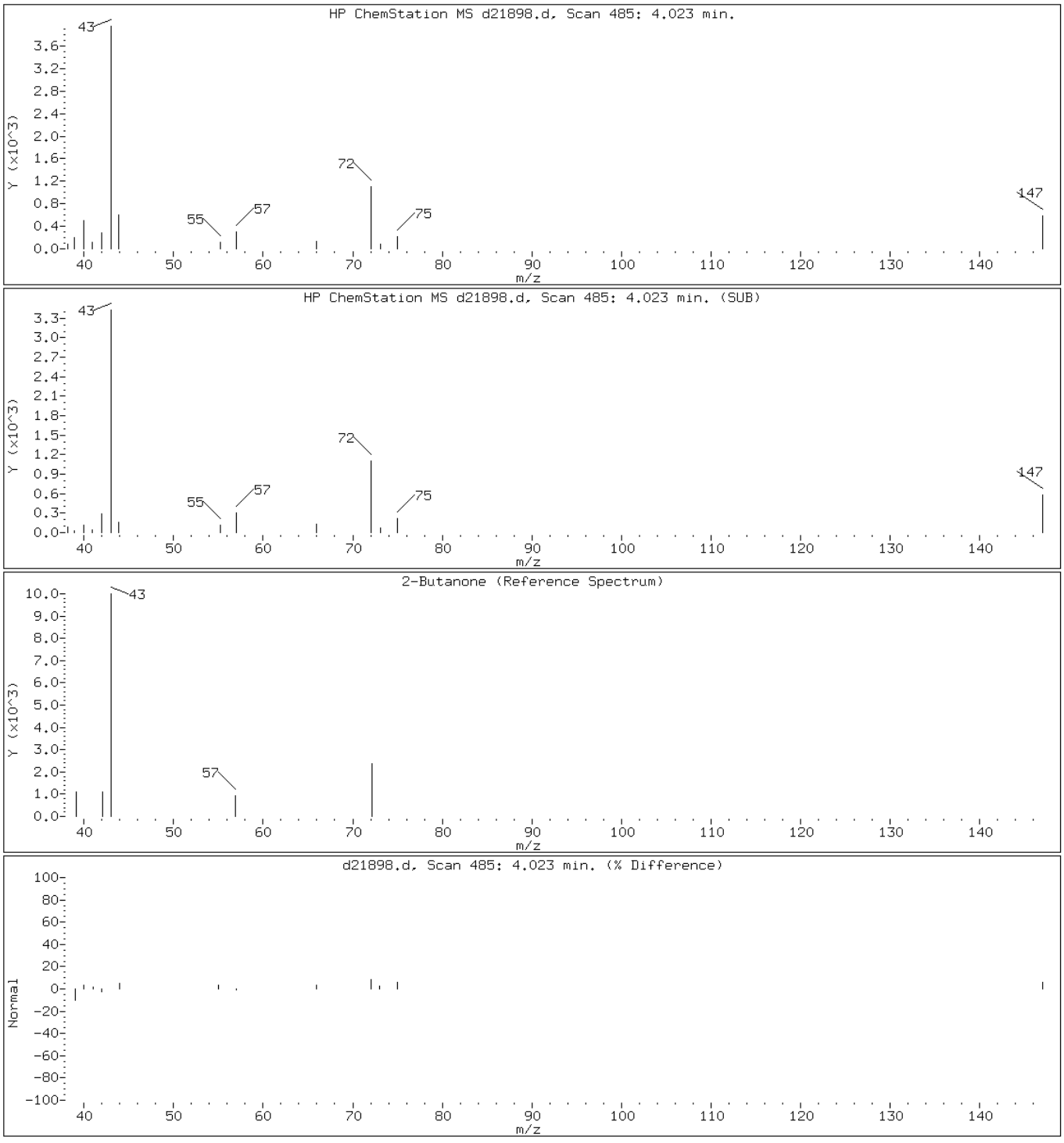
Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9

18 2-Butanone



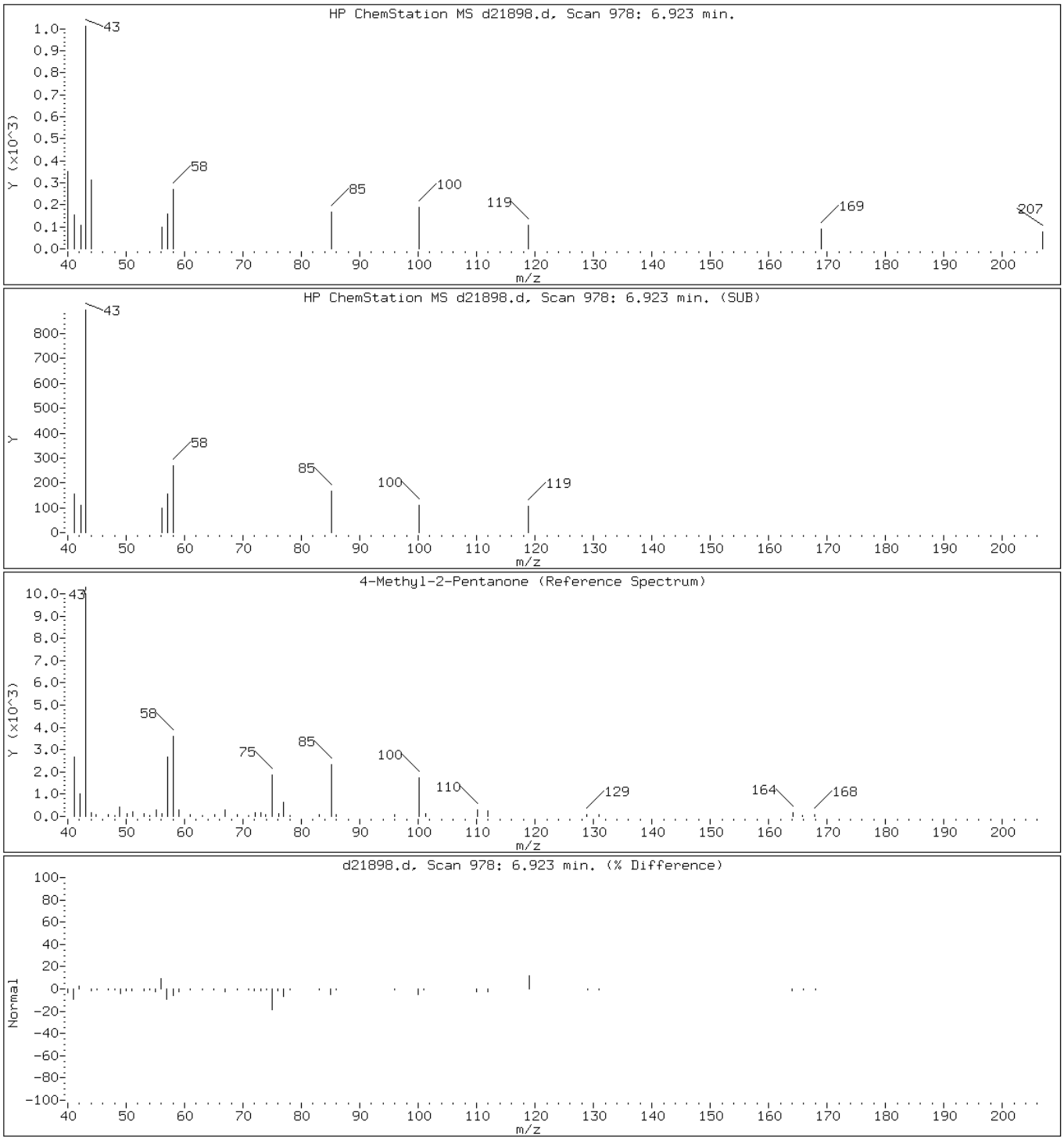
Data File: d21898.d

Date: 25-JUN-2012 09:13

Client ID: SF-3 Instrument: VOAMS4.i

Sample Info: 460-41492-B-3-A;;;4.96;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 Lab Sample ID: 460-41492-4

Matrix: Solid Lab File ID: d21903.d

Analysis Method: 8260B Date Collected: 06/18/2012 13:10

Sample wt/vol: 4.98(g) Date Analyzed: 06/25/2012 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 Level: (low/med) Low

Analysis Batch No.: 117294 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.49	U	1.1	0.49
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.75	J B	1.1	0.17
67-64-1	Acetone	18	B	11	1.9
1330-20-7	Xylenes, Total	0.76	U	3.4	0.76
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.27	U	1.1	0.27
78-93-3	2-Butanone	4.8	J	11	0.71
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.32	U	1.1	0.32
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	11	0.15
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
123-91-1	1,4-Dioxane	14	U	57	14
79-01-6	Trichloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.16	U	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.23	U	11	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: d21903.d

Analysis Method: 8260B | Date Collected: 06/18/2012 13:10

Sample wt/vol: 4.98(g) | Date Analyzed: 06/25/2012 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 Lab Sample ID: 460-41492-4

Matrix: Solid Lab File ID: d21903.d

Analysis Method: 8260B Date Collected: 06/18/2012 13:10

Sample wt/vol: 4.98(g) Date Analyzed: 06/25/2012 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21903.d
Report Date: 25-Jun-2012 17:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21903.d
Lab Smp Id: 460-41492-B-4-A Client Smp ID: SF-4
Inj Date : 25-JUN-2012 11:14
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-4-A;;;4.98;5
Misc Info : 460-41492-B-4-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.98000	Weight of sample extracted (g)
M	11.26214	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7 Acetone	43	2.558	2.552	(0.552)	15728	15.8997	18
	6 Methylene Chloride	84	2.505	2.505	(0.541)	2825	0.66204	0.75(a)
	18 2-Butanone	43	4.017	4.017	(0.867)	6944	4.24038	4.8(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	185954	43.7208	49
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	766862	50.0000	
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	608709	44.6131	50
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	468519	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	194586	44.0025	50
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	239766	50.0000	

QC Flag Legend

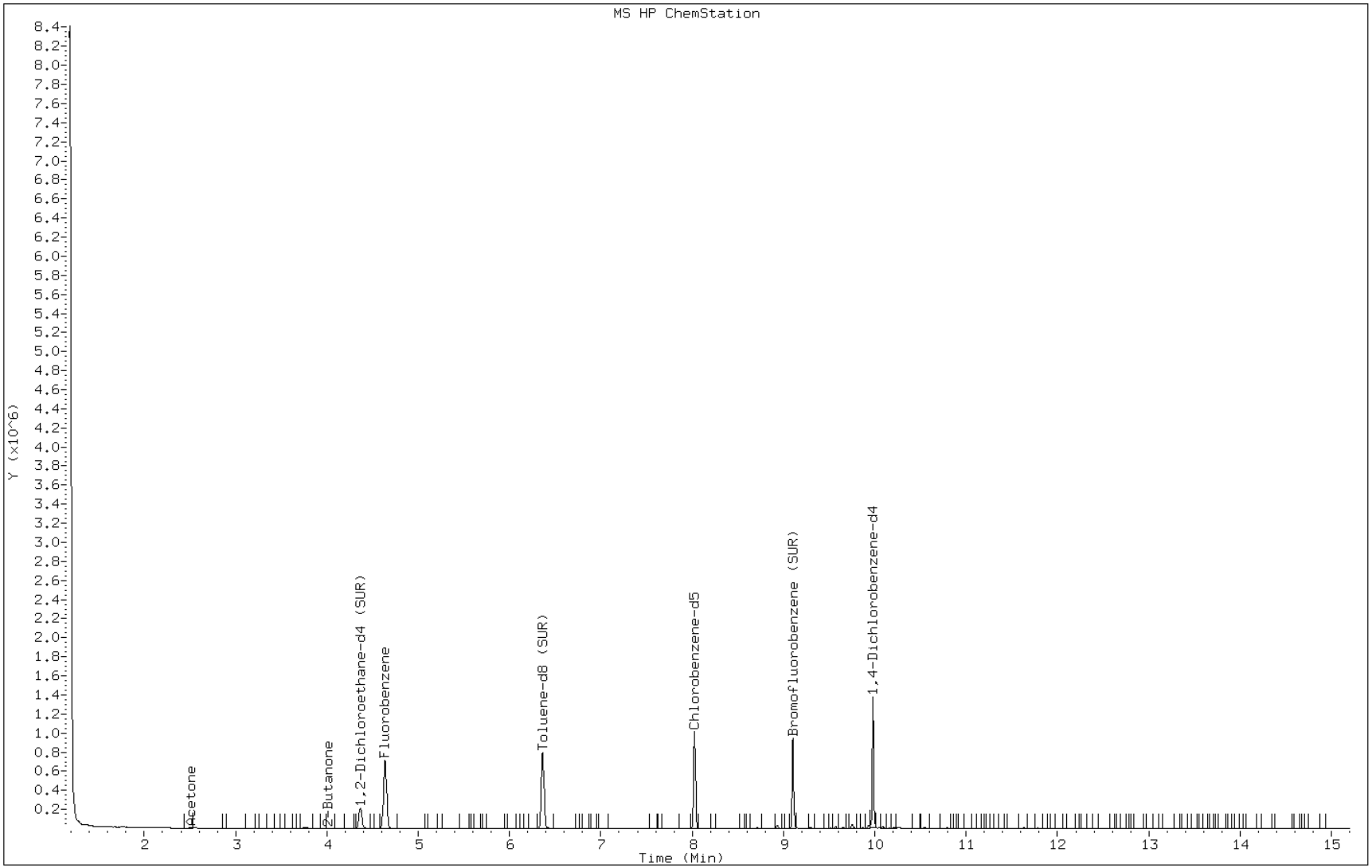
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d21903.d

Date: 25-JUN-2012 11:14

Client ID: SF-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-4-A;;;4.98;5 Operator: VOAMS 9



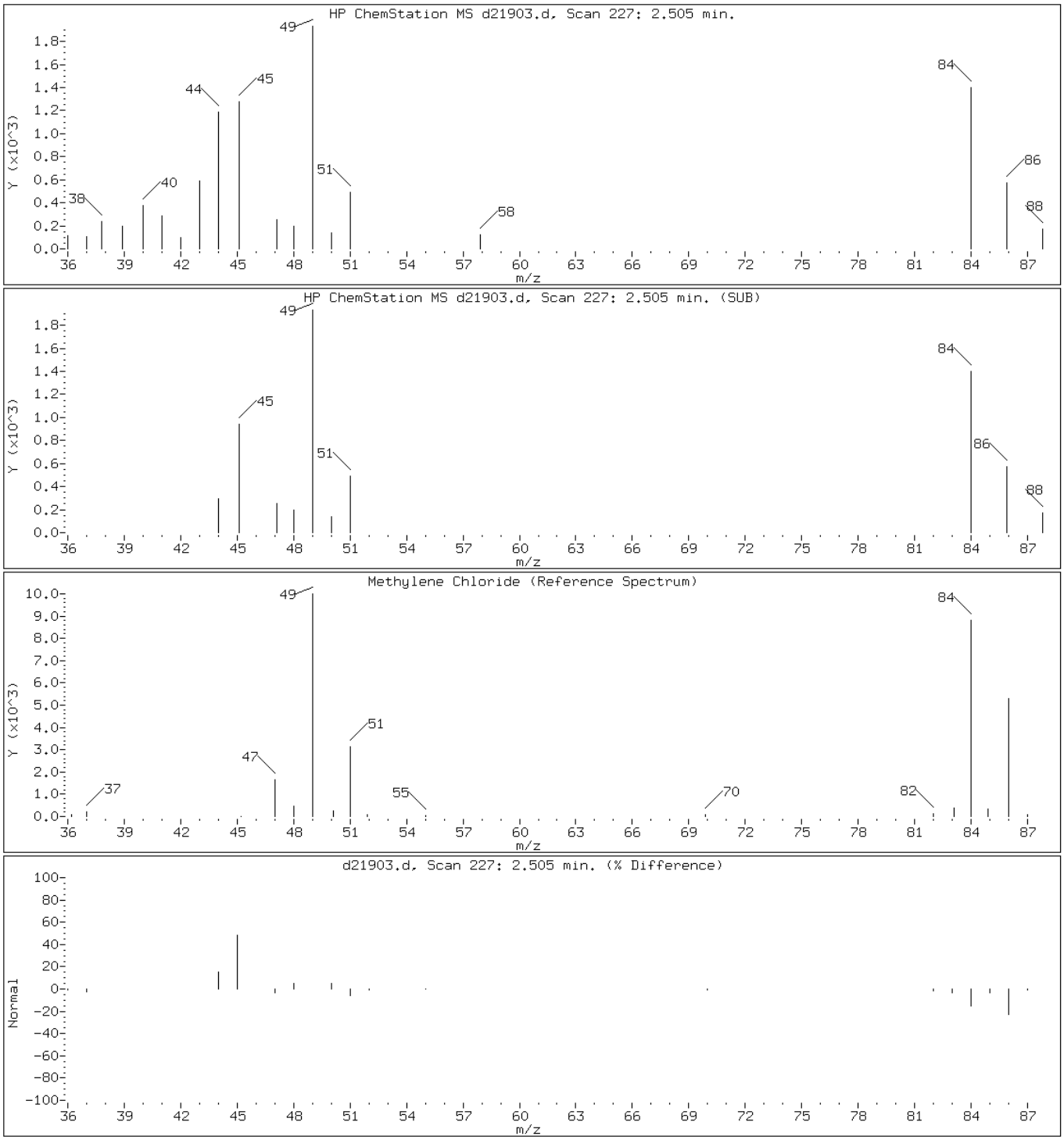
Data File: d21903.d

Date: 25-JUN-2012 11:14

Client ID: SF-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-4-A;;;4.98;5 Operator: VOAMS 9

6 Methylene Chloride



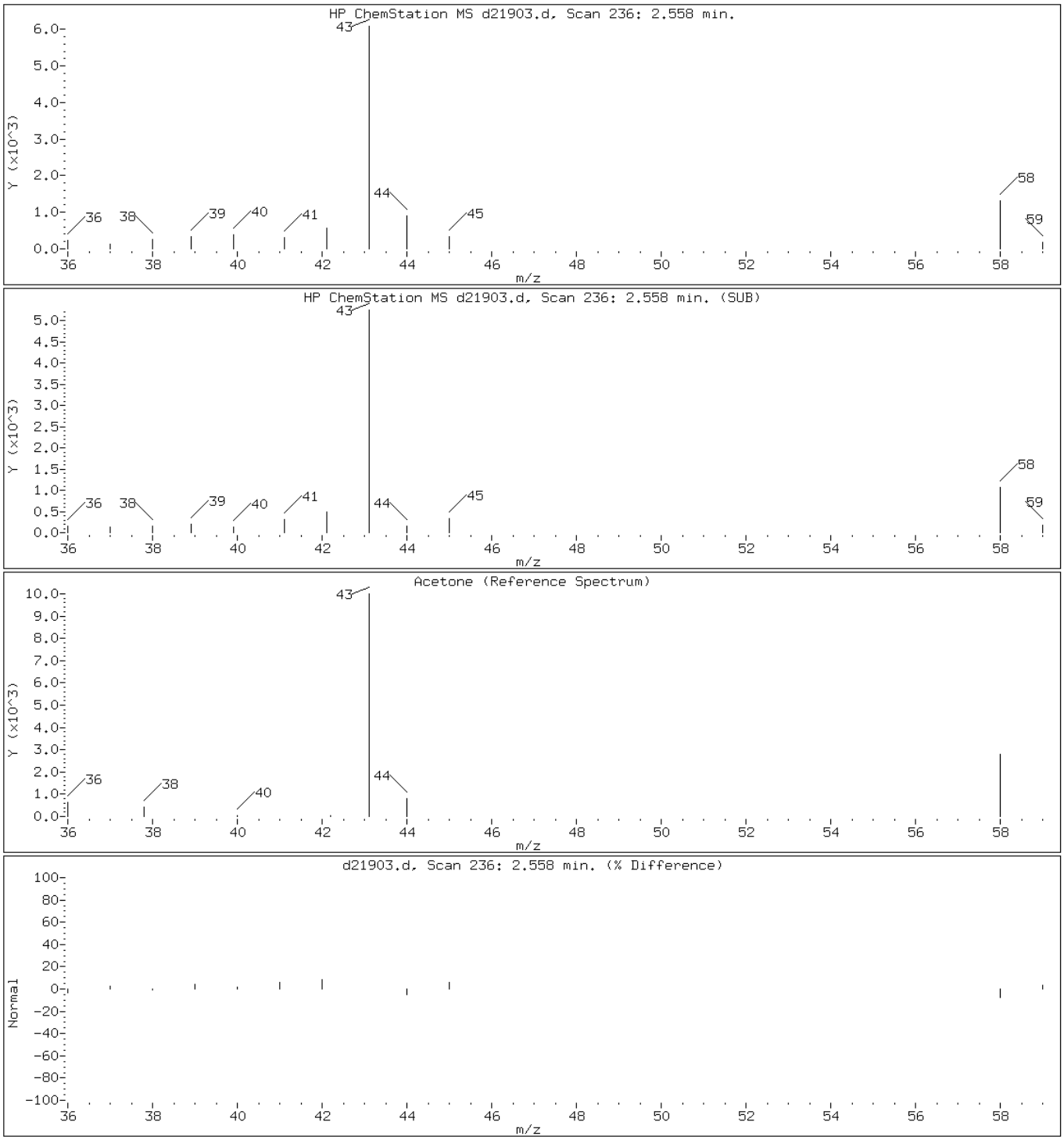
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Date: 25-JUN-2012 11:14

Client ID: SF-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-4-A;;;4.98;5 Operator: VOAMS 9

7 Acetone



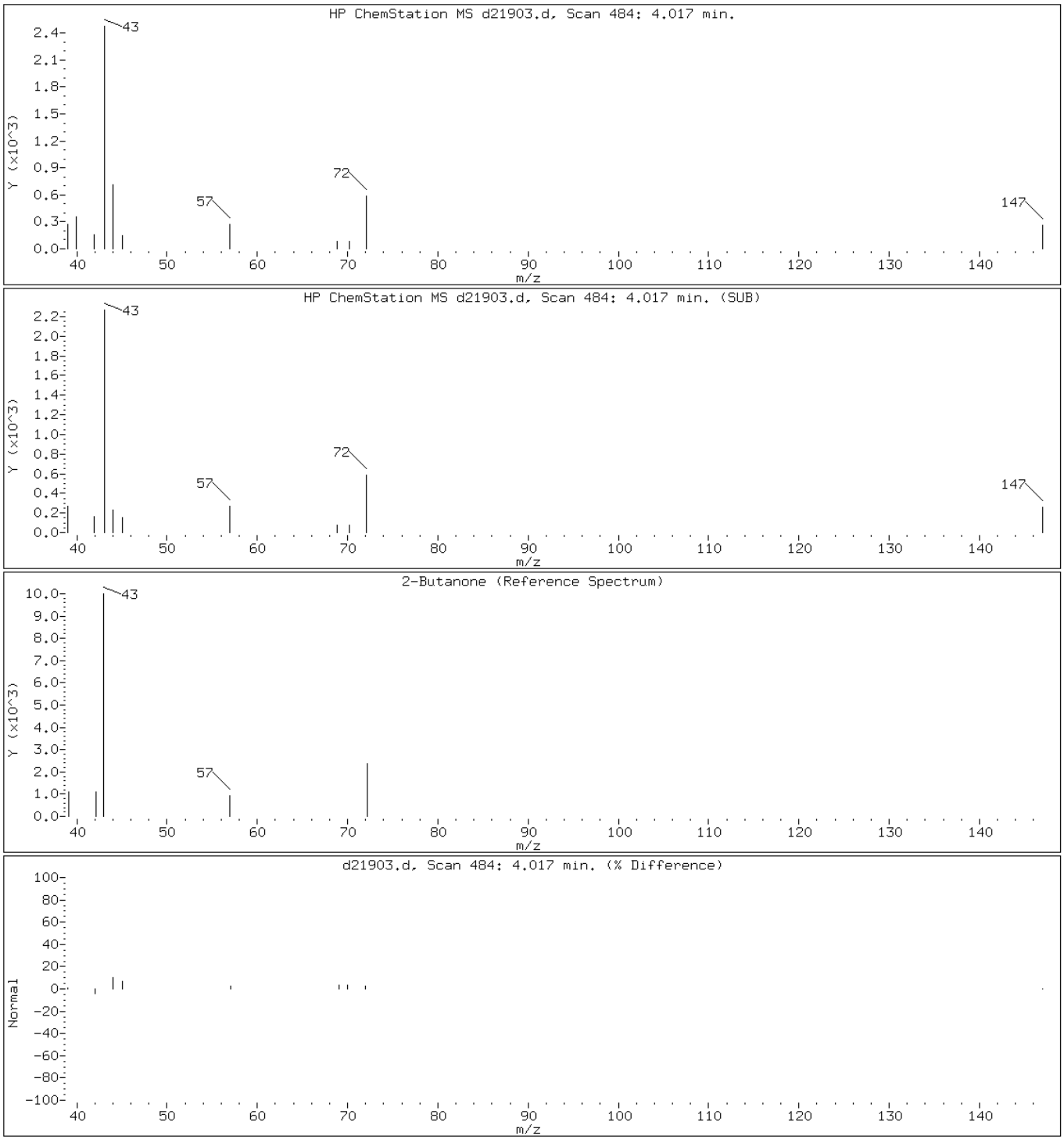
Data File: d21903.d

Date: 25-JUN-2012 11:14

Client ID: SF-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-4-A;;;4.98;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: d21904.d

Analysis Method: 8260B | Date Collected: 06/18/2012 14:25

Sample wt/vol: 5.55(g) | Date Analyzed: 06/25/2012 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	0.70	J B	1.1	0.16
67-64-1	Acetone	3.8	J B	11	1.8
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.25	U	1.1	0.25
78-93-3	2-Butanone	0.67	U	11	0.67
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
123-91-1	1,4-Dioxane	13	U	53	13
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.53	J	11	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: d21904.d

Analysis Method: 8260B | Date Collected: 06/18/2012 14:25

Sample wt/vol: 5.55(g) | Date Analyzed: 06/25/2012 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.16	J	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 Lab Sample ID: 460-41492-5

Matrix: Solid Lab File ID: d21904.d

Analysis Method: 8260B Date Collected: 06/18/2012 14:25

Sample wt/vol: 5.55(g) Date Analyzed: 06/25/2012 11:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21904.d
Report Date: 29-Jun-2012 14:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21904.d
Lab Smp Id: 460-41492-B-5-A Client Smp ID: SF-5
Inj Date : 25-JUN-2012 11:37
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-5-A;;;5.55;5
Misc Info : 460-41492-B-5-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.55000	Weight of sample extracted (g)
M	14.86486	% 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	2.564	2.552	(0.552)	3749	3.57158	3.8(a)
	6 Methylene Chloride	84	2.523	2.505	(0.543)	2985	0.65924	0.70(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.376	4.364	(0.942)	189701	42.0322	44
*	69 Fluorobenzene	96	4.646	4.635	(1.000)	813743	50.0000	
	33 4-Methyl-2-Pentanone	43	6.929	6.923	(1.491)	1929	0.49755	0.53(aH)
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	638250	44.5803	47
	35 Tetrachloroethene	166	6.882	6.870	(0.857)	742	0.15069	0.16(a)
*	32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	491617	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	201702	44.0918	47
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	248031	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21904.d
Report Date: 29-Jun-2012 14:27

QC Flag Legend

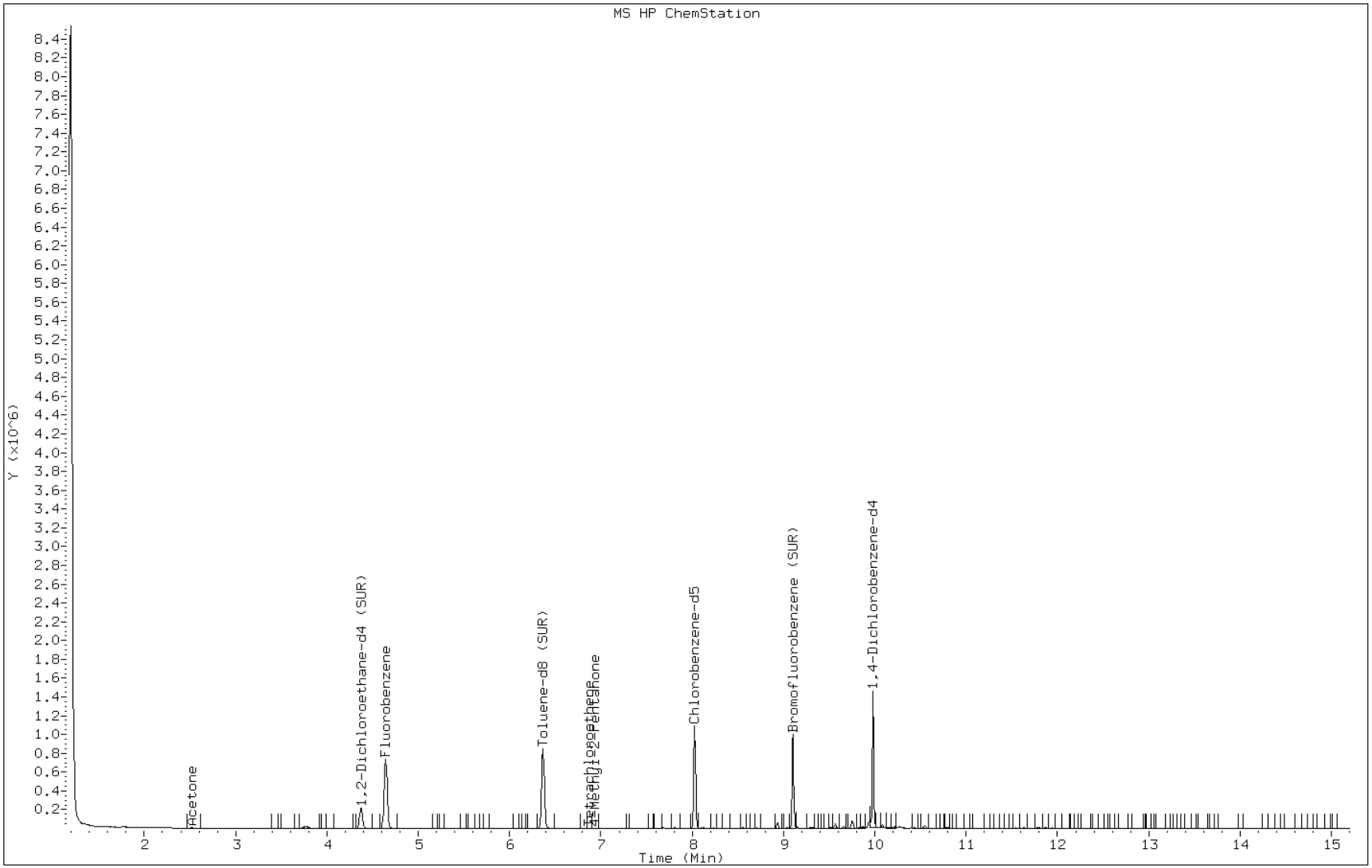
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21904.d

Date: 25-JUN-2012 11:37

Client ID: SF-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-5-A;;;5.55;5 Operator: VOAMS 9



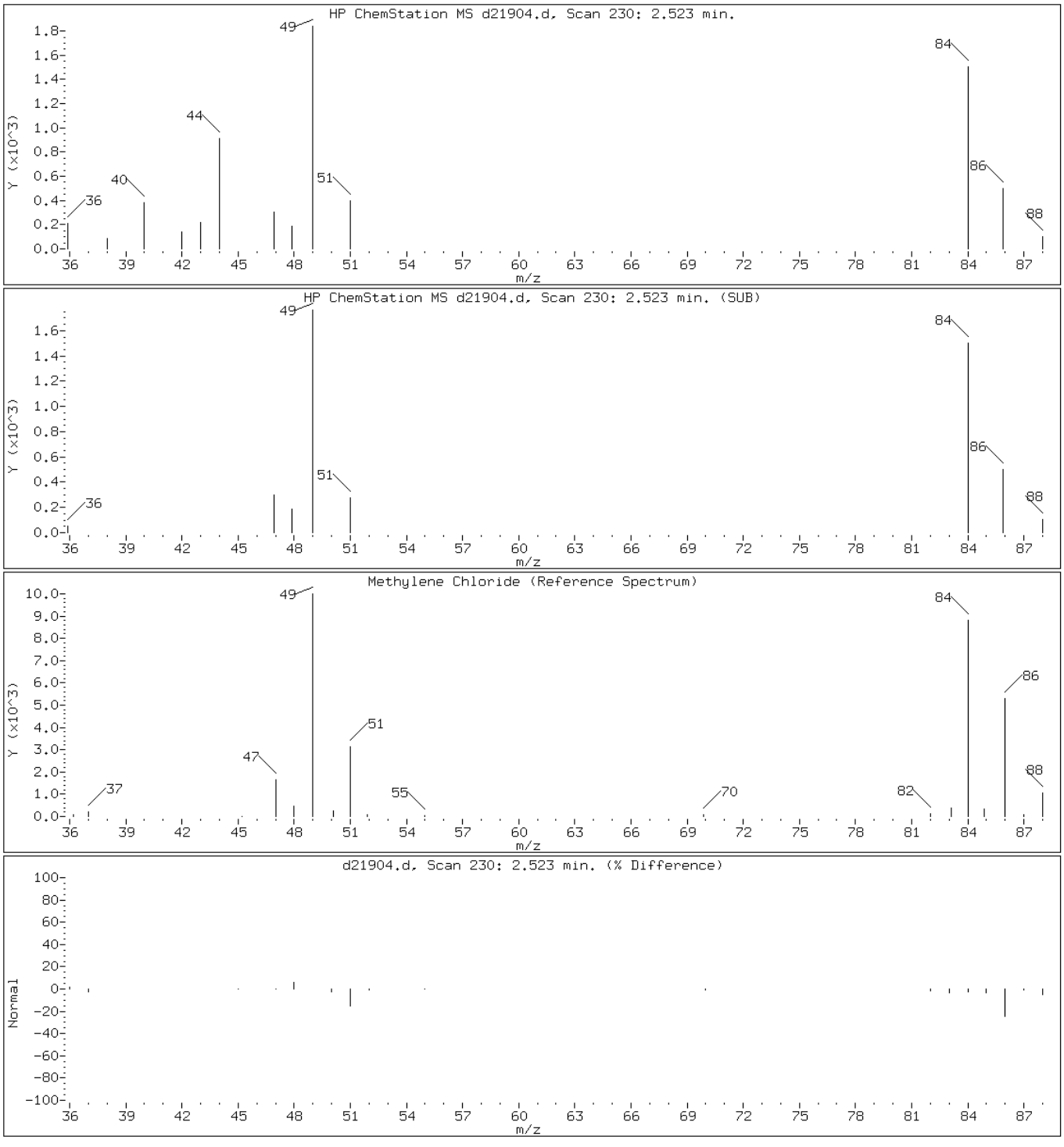
Data File: d21904.d

Date: 25-JUN-2012 11:37

Client ID: SF-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-5-A;;;5.55;5 Operator: VOAMS 9

6 Methylene Chloride



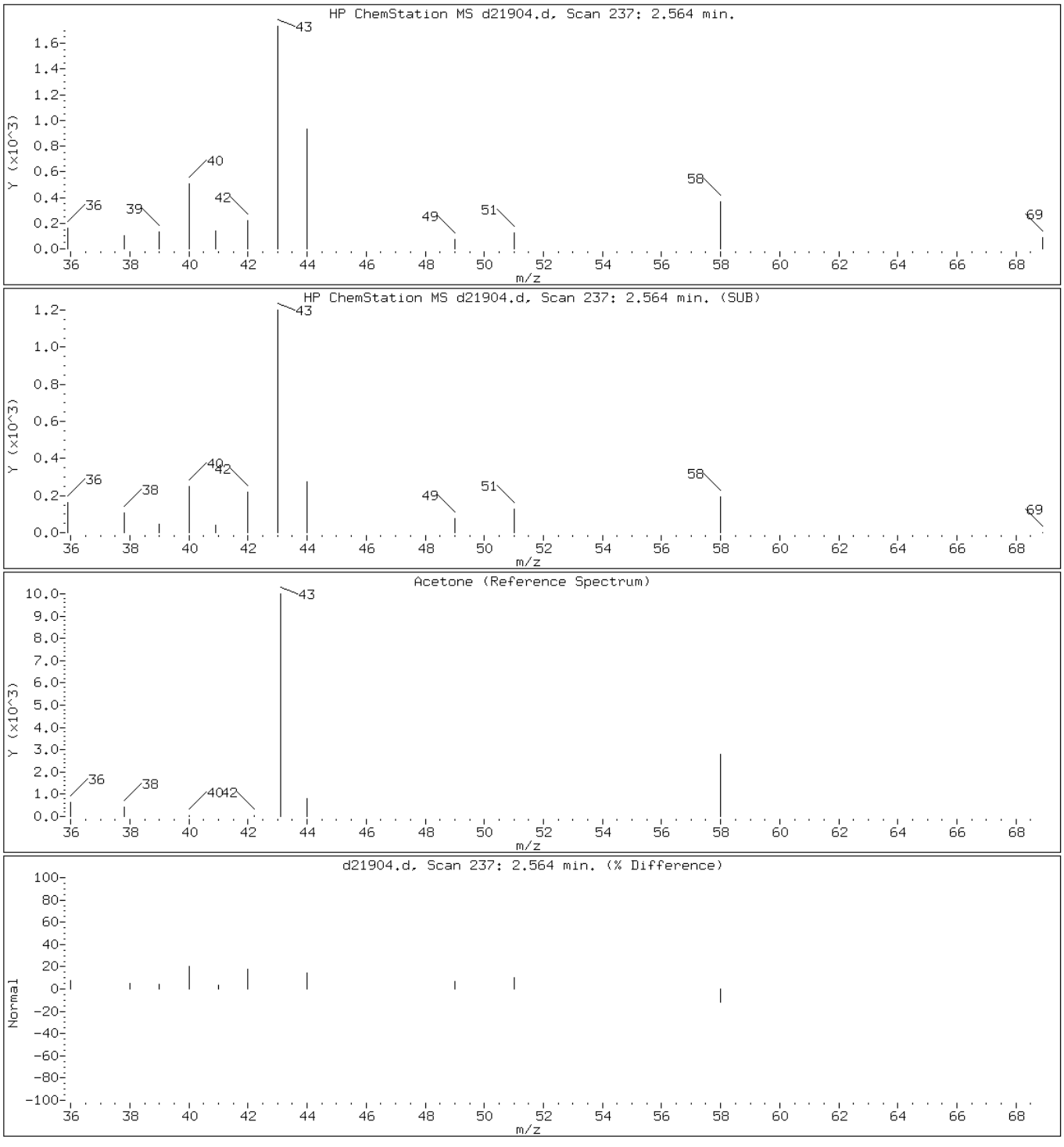
Data File: d21904.d

Date: 25-JUN-2012 11:37

Client ID: SF-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-5-A;;;5.55;5 Operator: VOAMS 9

7 Acetone



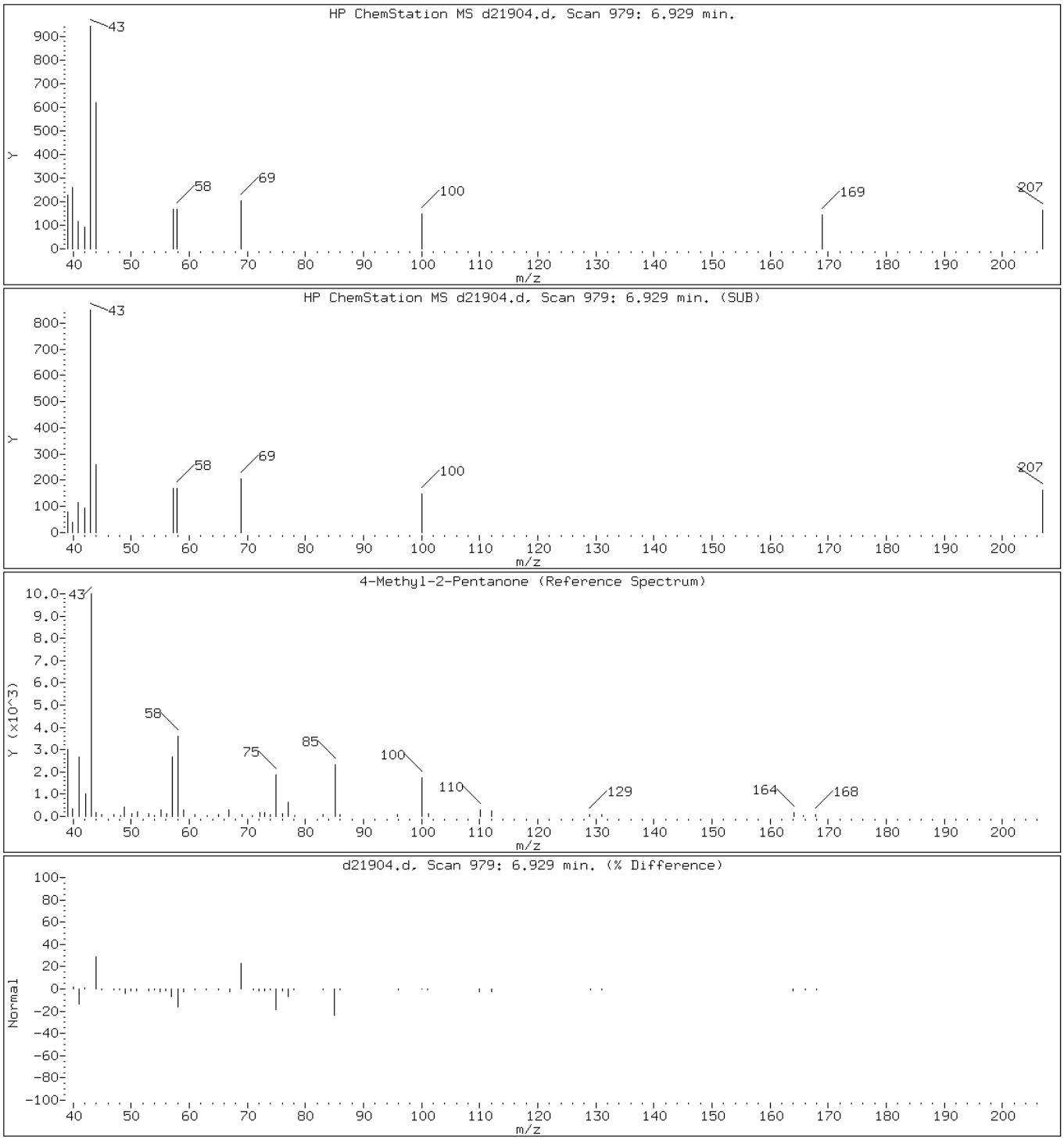
Data File: d21904.d

Date: 25-JUN-2012 11:37

Client ID: SF-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-5-A;;;5.55;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



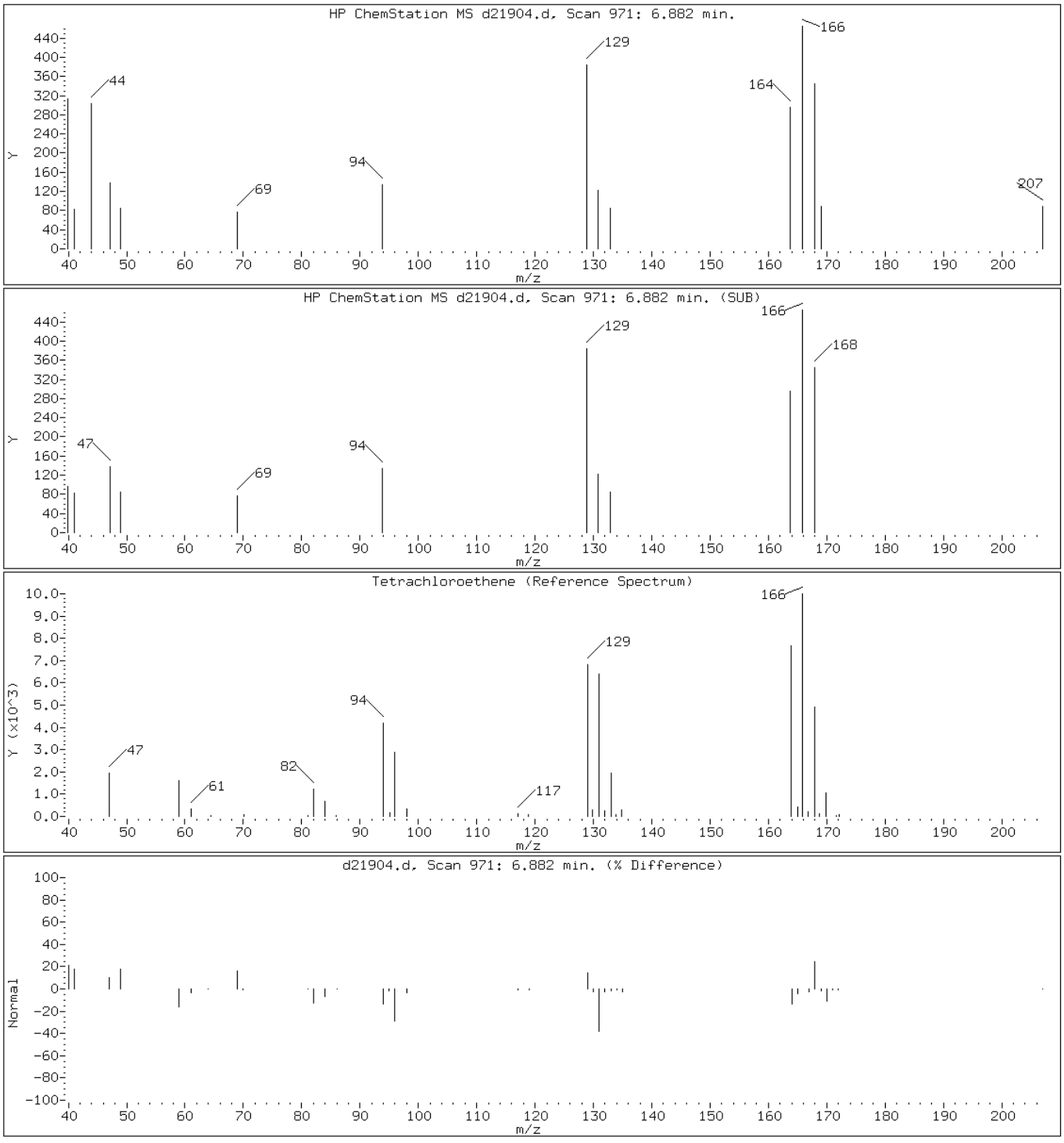
Data File: d21904.d

Date: 25-JUN-2012 11:37

Client ID: SF-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-5-A;;;5.55;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: d21905.d

Analysis Method: 8260B | Date Collected: 06/18/2012 19:00

Sample wt/vol: 4.88(g) | Date Analyzed: 06/25/2012 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.2 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.3	0.20
74-83-9	Bromomethane	0.55	U	1.3	0.55
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
75-00-3	Chloroethane	0.42	U	1.3	0.42
75-09-2	Methylene Chloride	0.80	J B	1.3	0.19
67-64-1	Acetone	12	J B	13	2.1
1330-20-7	Xylenes, Total	0.85	U	3.8	0.85
75-15-0	Carbon disulfide	0.19	U	1.3	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.3	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.30	U	1.3	0.30
78-93-3	2-Butanone	1.5	J	13	0.80
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
71-55-6	1,1,1-Trichloroethane	0.16	U	1.3	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
71-43-2	Benzene	0.19	U	1.3	0.19
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.35	U	1.3	0.35
100-41-4	Ethylbenzene	0.22	U	1.3	0.22
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
110-82-7	Cyclohexane	0.16	U	1.3	0.16
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
591-78-6	2-Hexanone	0.16	U	13	0.16
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.41	U	1.3	0.41
123-91-1	1,4-Dioxane	16	U	63	16
79-01-6	Trichloroethene	0.15	U	1.3	0.15
108-88-3	Toluene	0.18	U	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.46	J	13	0.25
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: d21905.d

Analysis Method: 8260B | Date Collected: 06/18/2012 19:00

Sample wt/vol: 4.88(g) | Date Analyzed: 06/25/2012 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.2 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.3	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	0.15	U	1.3	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.56	U	1.3	0.56
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
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.41	U	1.3	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 Lab Sample ID: 460-41492-6

Matrix: Solid Lab File ID: d21905.d

Analysis Method: 8260B Date Collected: 06/18/2012 19:00

Sample wt/vol: 4.88(g) Date Analyzed: 06/25/2012 12:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.2 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21905.d
Report Date: 29-Jun-2012 14:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21905.d
Lab Smp Id: 460-41492-B-6-A Client Smp ID: SF-6
Inj Date : 25-JUN-2012 12:01
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-6-A;;;4.88;5
Misc Info : 460-41492-B-6-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.88000	Weight of sample extracted (g)
M	19.18295	% 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	2.564	2.552	(0.553)	10171	9.70978	12(a)
	6 Methylene Chloride	84	2.517	2.505	(0.542)	2860	0.63294	0.80(a)
	18 2-Butanone	43	4.029	4.017	(0.868)	2120	1.22253	1.5(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	188594	41.8737	53
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	812058	50.0000	
	33 4-Methyl-2-Pentanone	43	6.929	6.923	(1.493)	1419	0.36676	0.46(aH)
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	632655	43.4296	55
*	32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	500220	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	202560	42.5496	54
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	258114	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21905.d
Report Date: 29-Jun-2012 14:27

QC Flag Legend

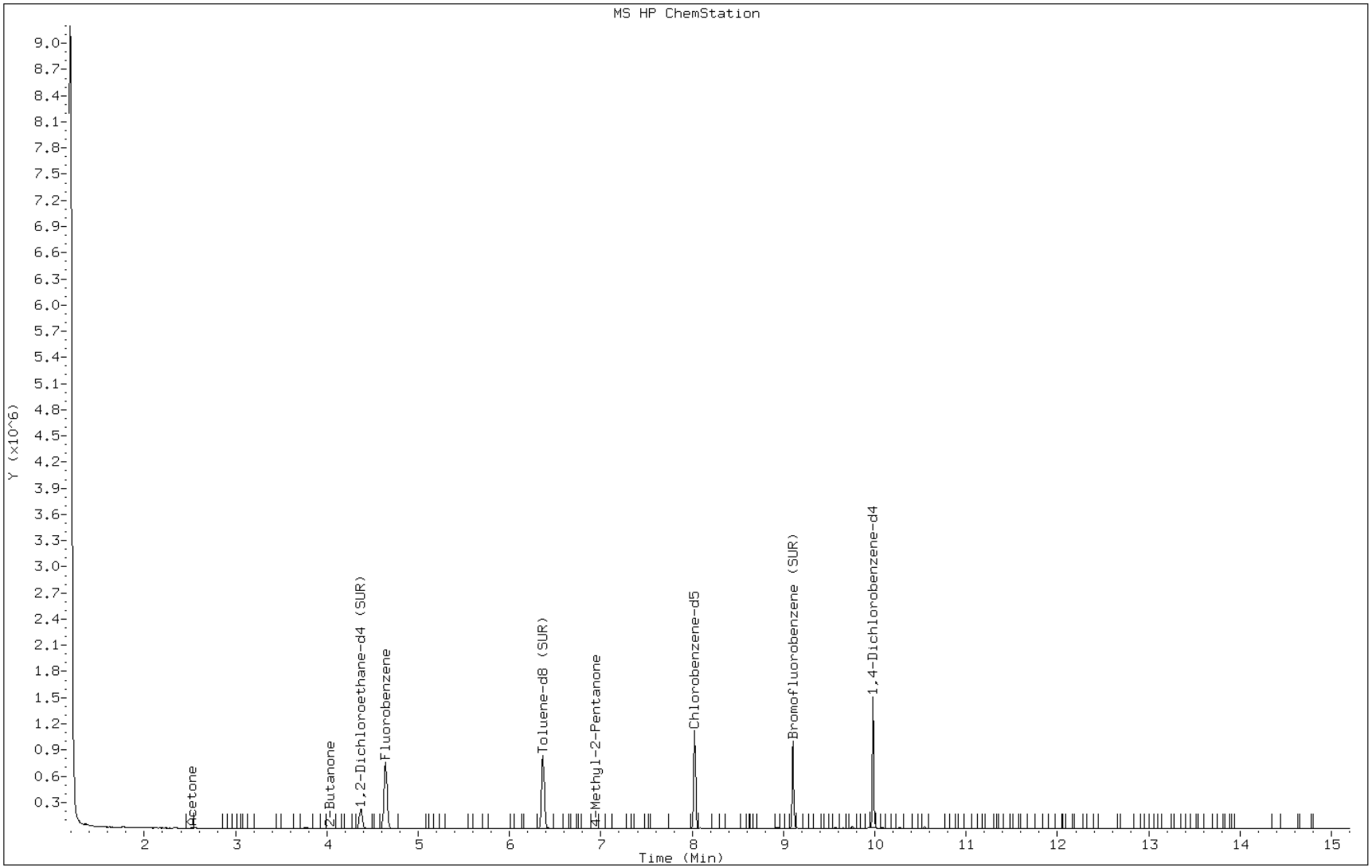
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21905.d

Date: 25-JUN-2012 12:01

Client ID: SF-6 Instrument: VOAMS4.i

Sample Info: 460-41492-B-6-A;;;4.88;5 Operator: VOAMS 9



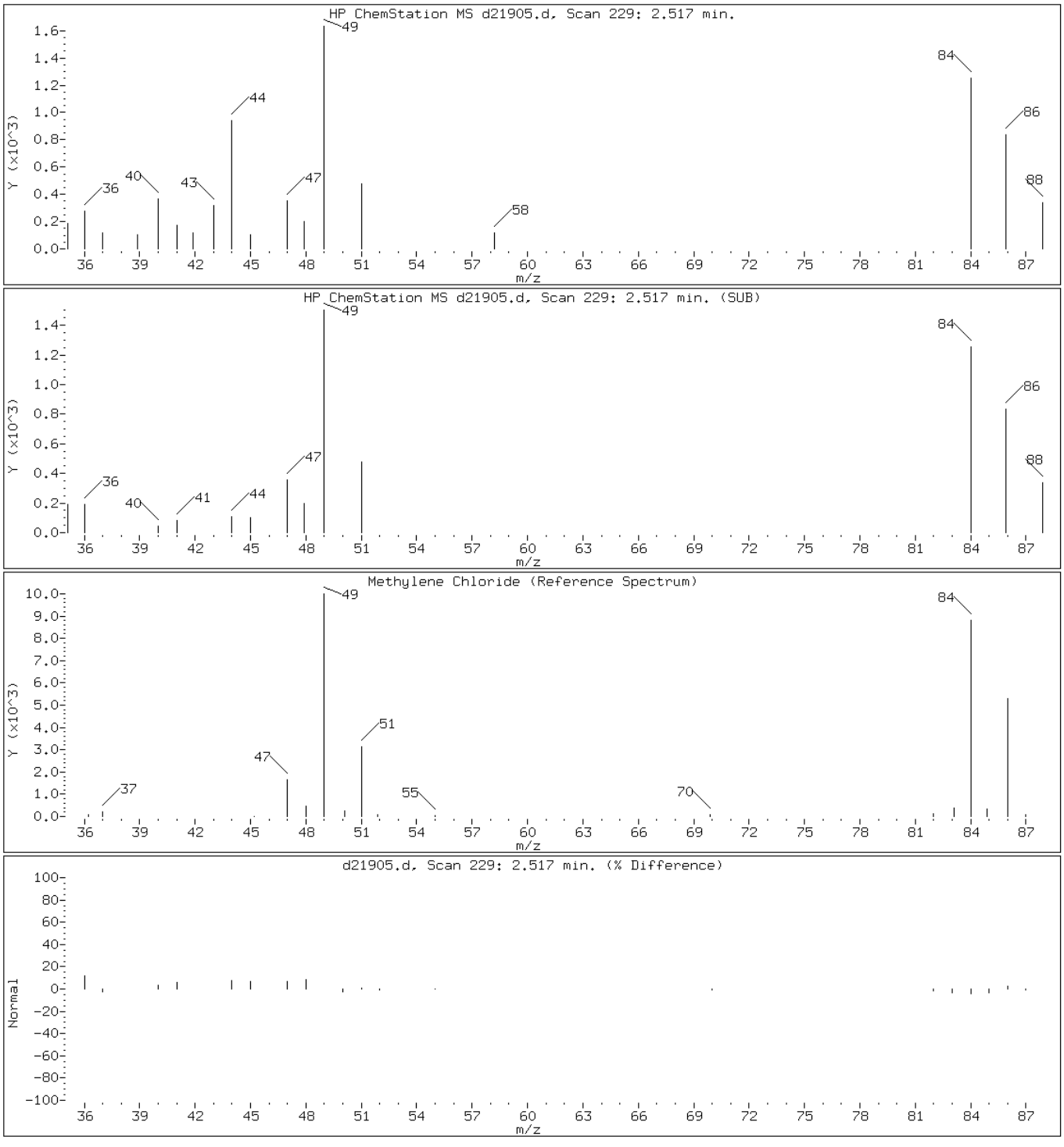
Data File: d21905.d

Date: 25-JUN-2012 12:01

Client ID: SF-6 Instrument: VOAMS4.i

Sample Info: 460-41492-B-6-A;;;4.88;5 Operator: VOAMS 9

6 Methylene Chloride



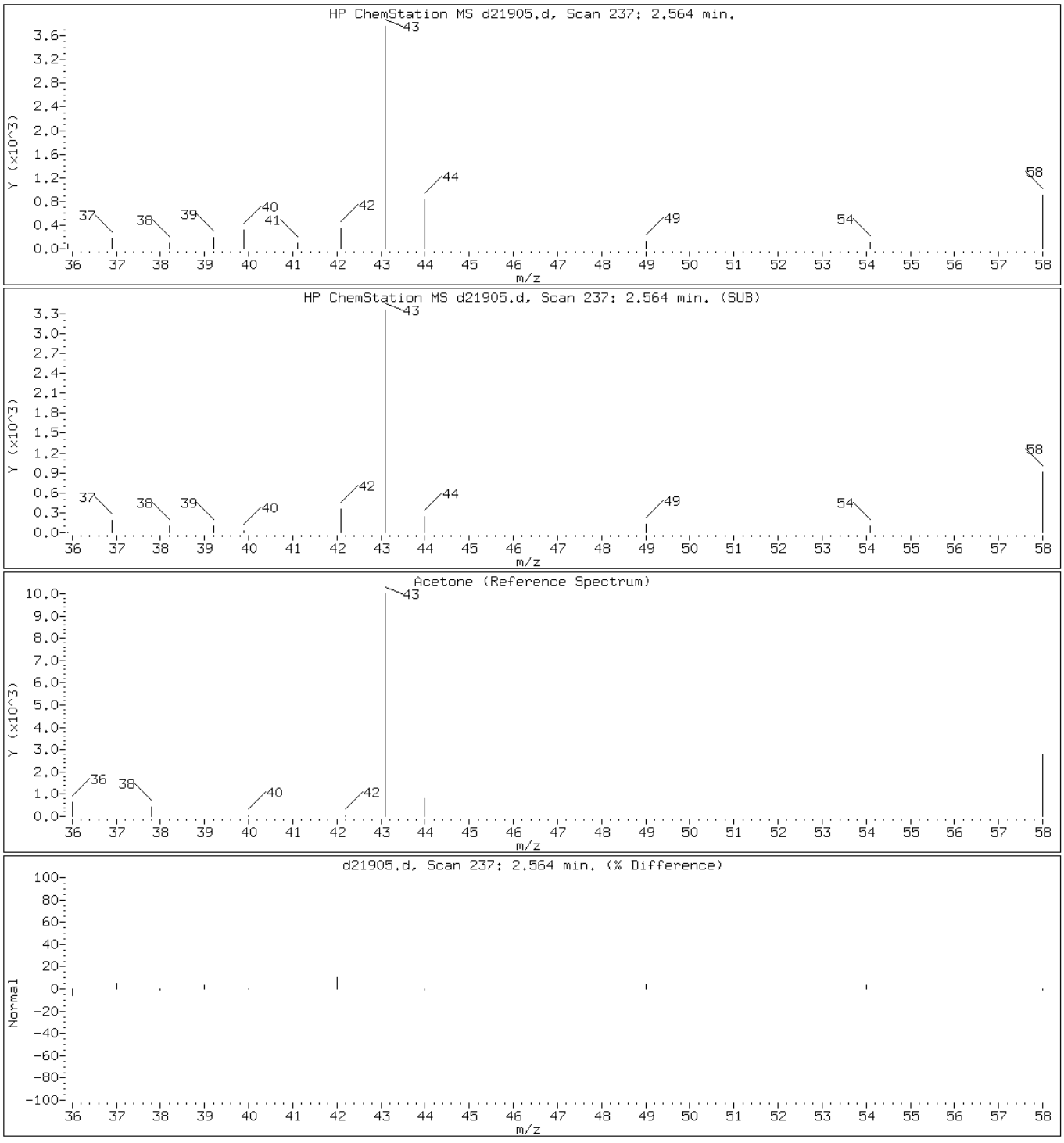
Data File: d21905.d

Date: 25-JUN-2012 12:01

Client ID: SF-6 Instrument: VOAMS4.i

Sample Info: 460-41492-B-6-A;;;4.88;5 Operator: VOAMS 9

7 Acetone



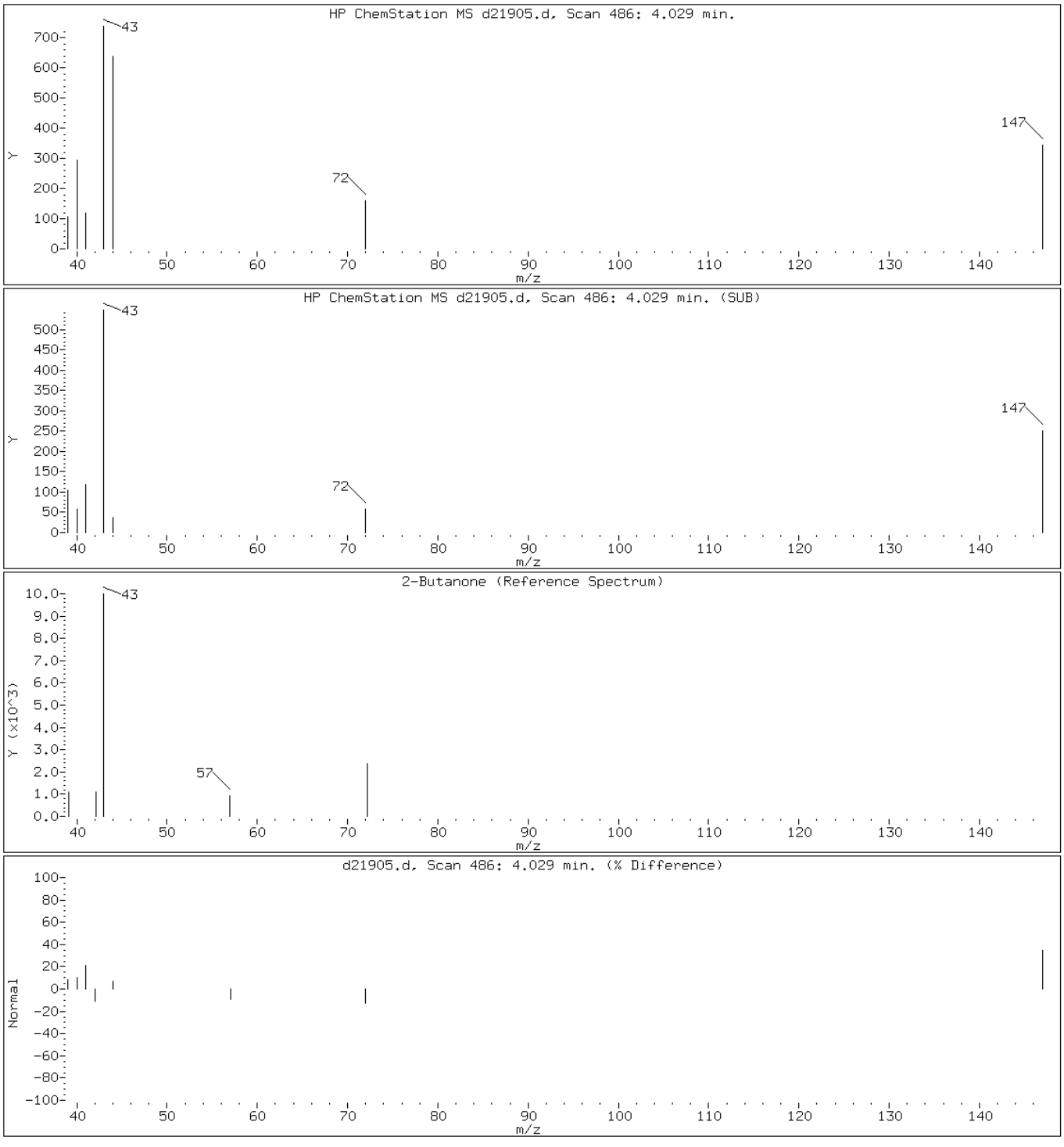
Data File: d21905.d

Date: 25-JUN-2012 12:01

Client ID: SF-6 Instrument: VOAMS4.i

Sample Info: 460-41492-B-6-A;;;4.88;5 Operator: VOAMS 9

18 2-Butanone



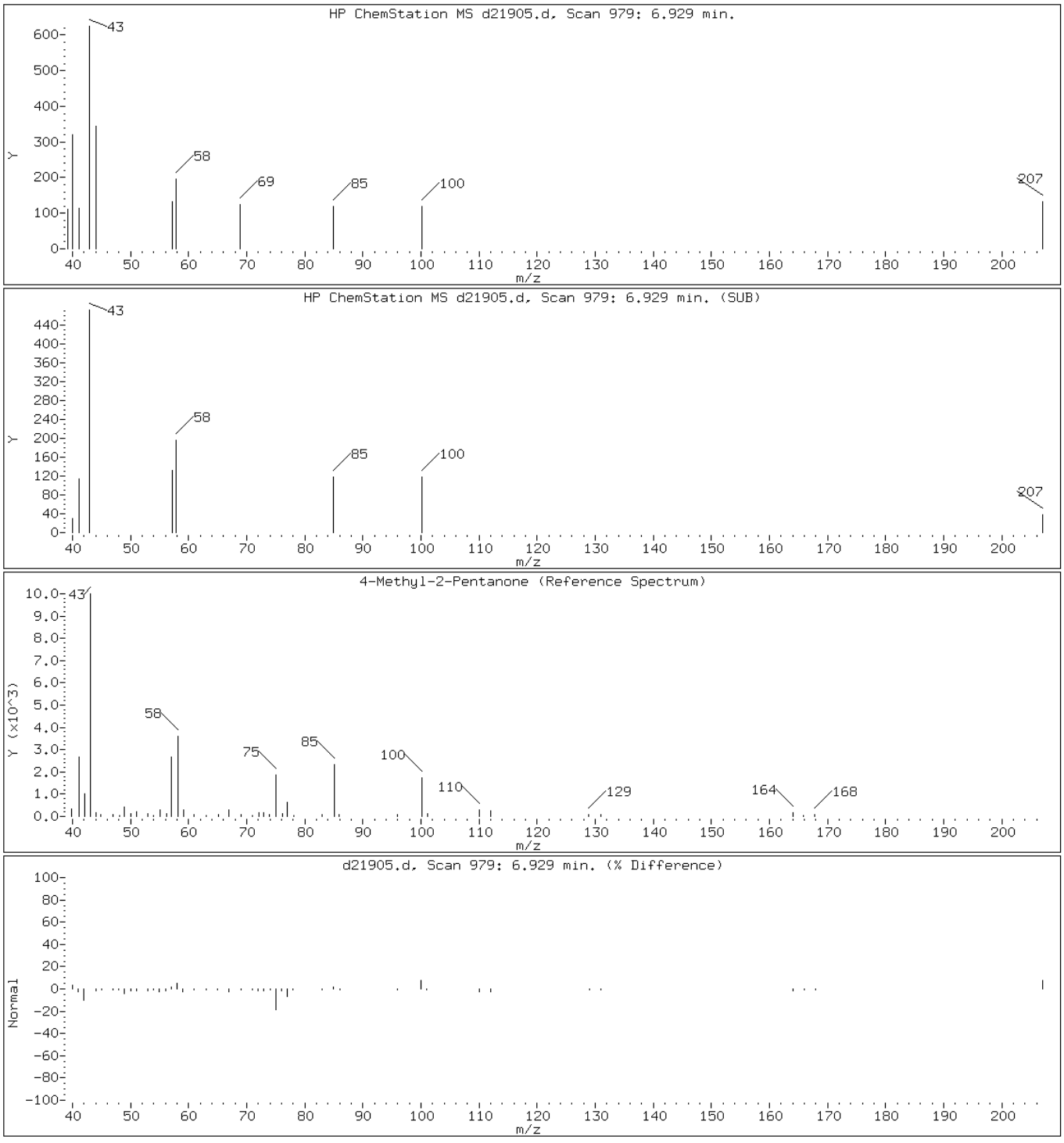
Data File: d21905.d

Date: 25-JUN-2012 12:01

Client ID: SF-6 Instrument: VOAMS4.i

Sample Info: 460-41492-B-6-A;;;4.88;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: d21906.d

Analysis Method: 8260B | Date Collected: 06/19/2012 08:50

Sample wt/vol: 4.98(g) | Date Analyzed: 06/25/2012 12:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.91	J B	1.2	0.18
67-64-1	Acetone	4.6	J B	12	2.1
1330-20-7	Xylenes, Total	0.82	U	3.7	0.82
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	0.77	U	12	0.77
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	1.2	0.39
123-91-1	1,4-Dioxane	16	U	61	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.24	U	12	0.24
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: d21906.d

Analysis Method: 8260B | Date Collected: 06/19/2012 08:50

Sample wt/vol: 4.98(g) | Date Analyzed: 06/25/2012 12:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 Lab Sample ID: 460-41492-7

Matrix: Solid Lab File ID: d21906.d

Analysis Method: 8260B Date Collected: 06/19/2012 08:50

Sample wt/vol: 4.98(g) Date Analyzed: 06/25/2012 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.8 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21906.d
Report Date: 25-Jun-2012 17:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21906.d
Lab Smp Id: 460-41492-B-7-A Client Smp ID: SF-7
Inj Date : 25-JUN-2012 12:24
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-7-A;;;4.98;5
Misc Info : 460-41492-B-7-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.98000	Weight of sample extracted (g)
M	17.82946	% 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	2.558	2.552	(0.551)	3662	3.76242	4.6(a)
6 Methylene Chloride	84	2.517	2.505	(0.542)	3111	0.74097	0.90(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	181654	43.4071	53
* 69 Fluorobenzene	96	4.641	4.635	(1.000)	754543	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	610878	45.7230	56
* 32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	458774	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	196865	45.6701	56
* 91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	233717	50.0000	

QC Flag Legend

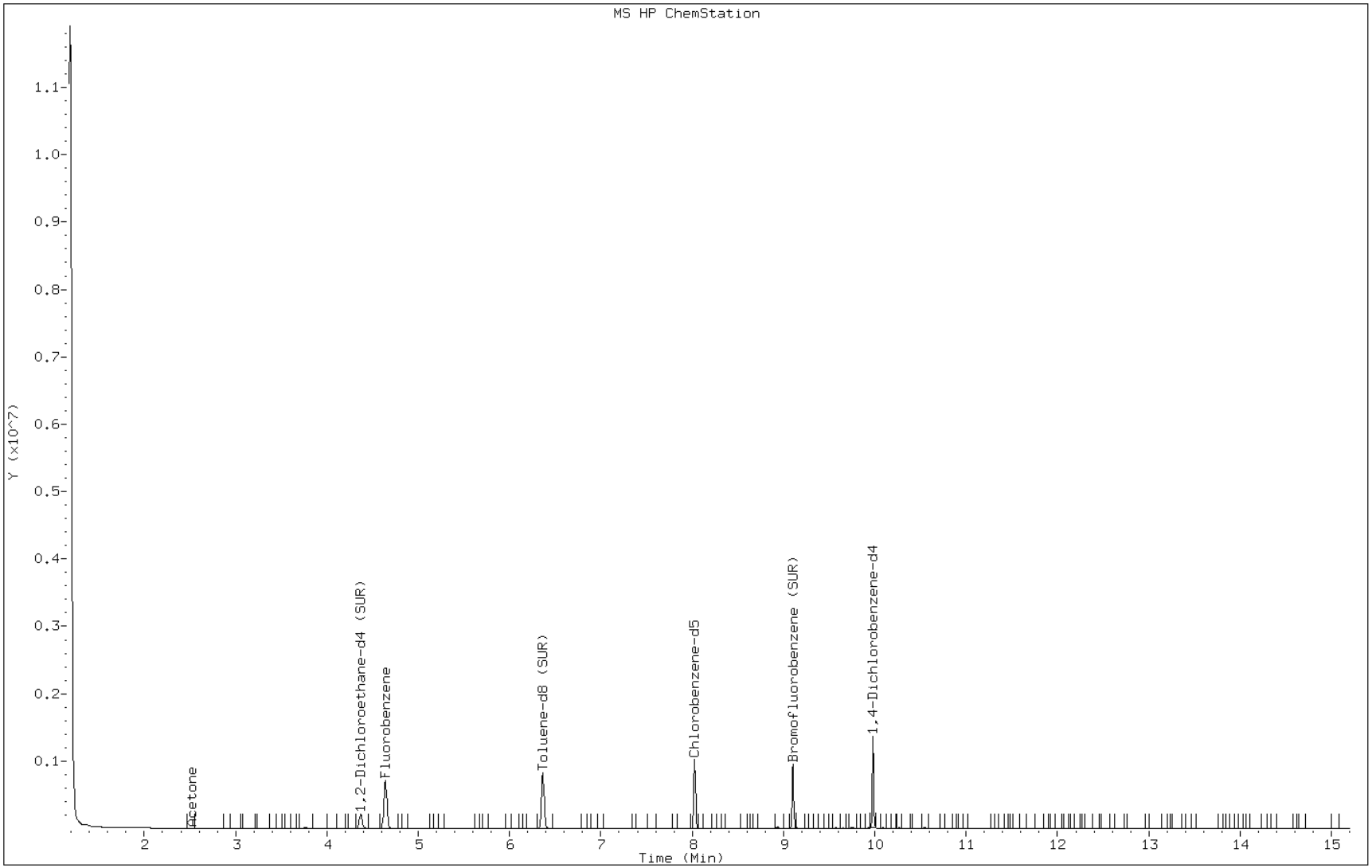
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21906.d

Date: 25-JUN-2012 12:24

Client ID: SF-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-7-A;;;4.98;5 Operator: VOAMS 9



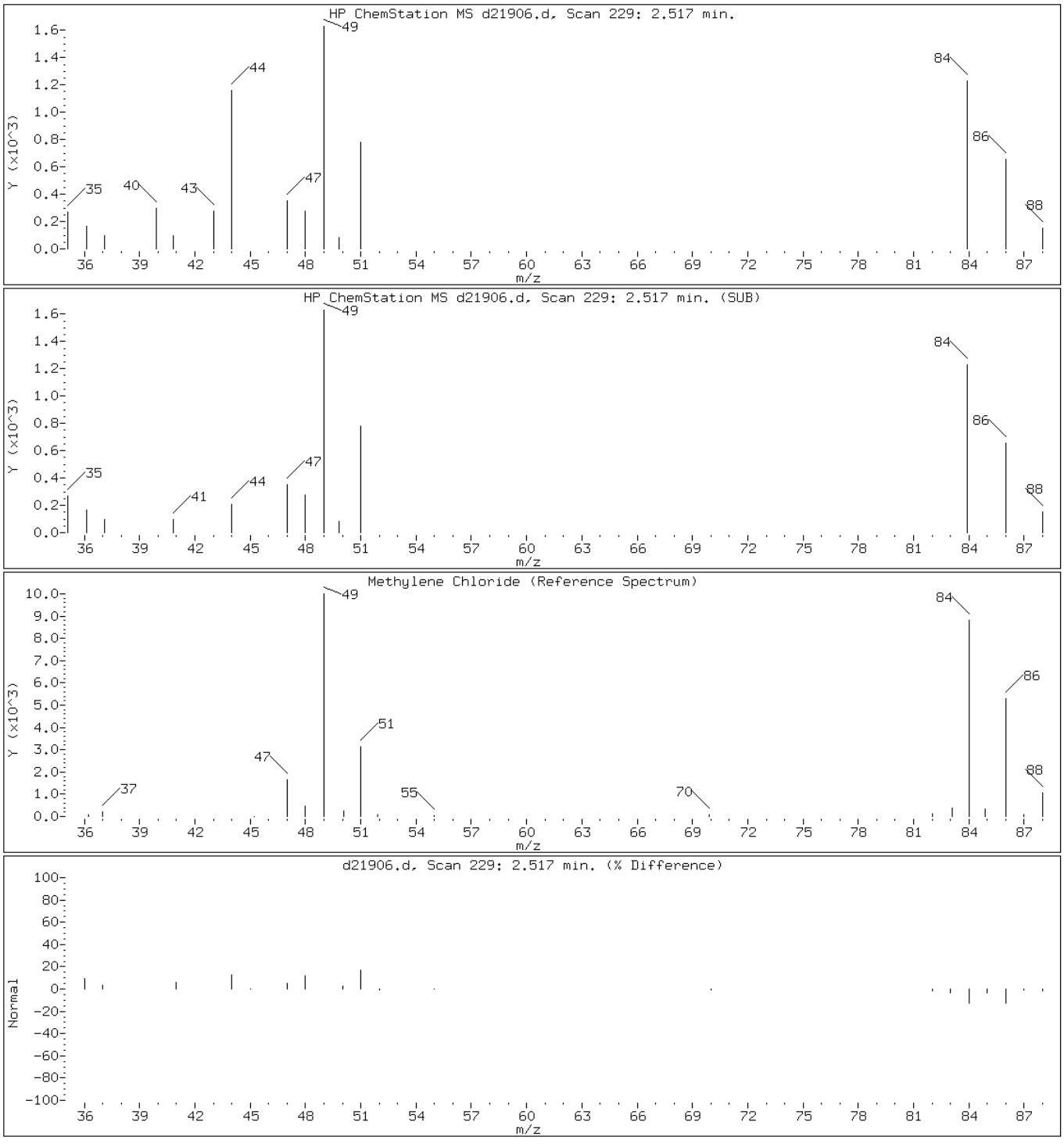
Data File: d21906.d

Date: 25-JUN-2012 12:24

Client ID: SF-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-7-A;;;4.98;5 Operator: VOAMS 9

6 Methylene Chloride



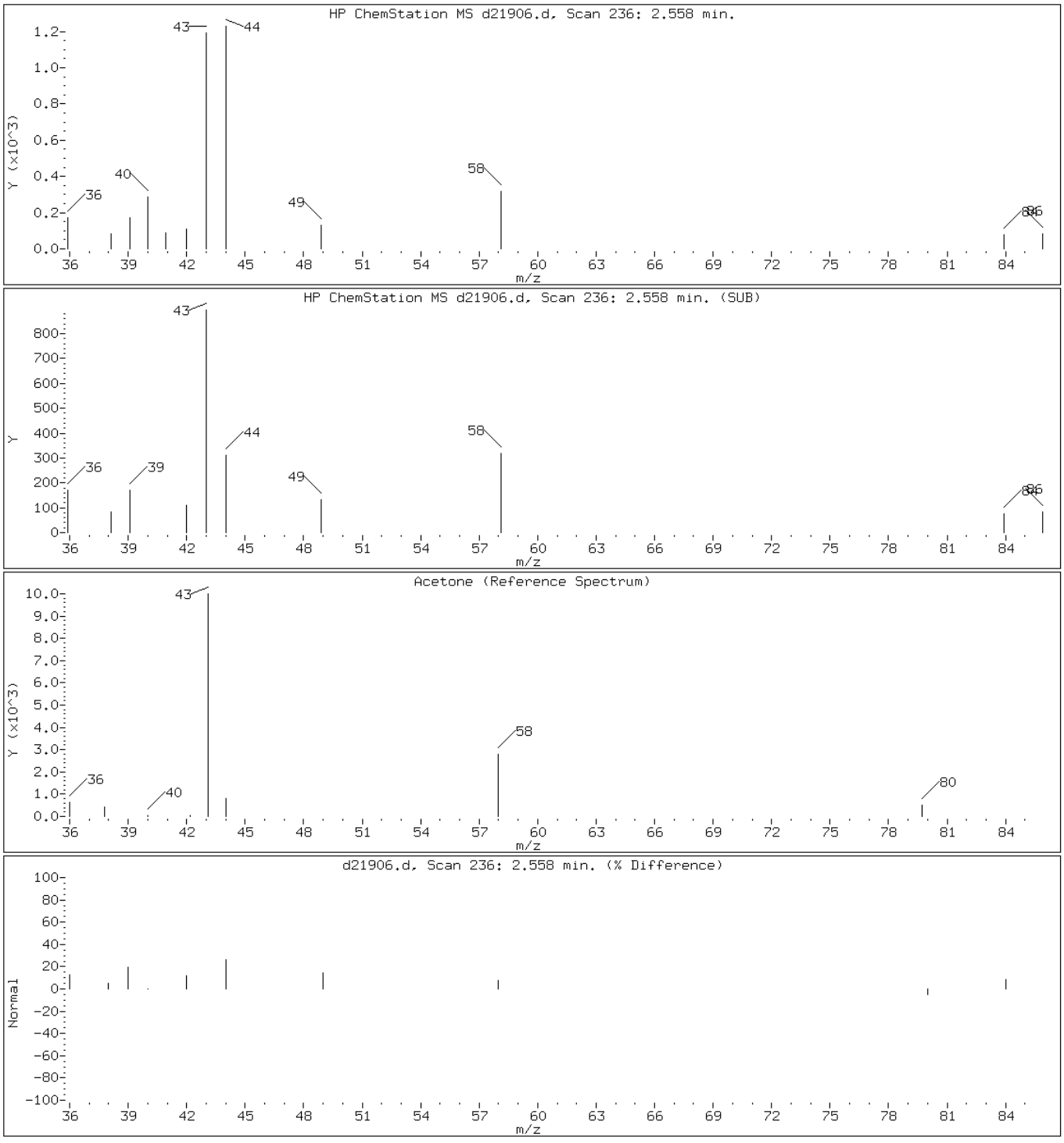
Data File: d21906.d

Date: 25-JUN-2012 12:24

Client ID: SF-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-7-A;;;4.98;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: d21899.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 5.39(g) | Date Analyzed: 06/25/2012 09:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
75-00-3	Chloroethane	0.36	U	1.1	0.36
75-09-2	Methylene Chloride	0.64	J B	1.1	0.16
67-64-1	Acetone	18	B	11	1.8
1330-20-7	Xylenes, Total	0.73	U	3.2	0.73
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	2.4	J	11	0.68
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
123-91-1	1,4-Dioxane	14	U	54	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: d21899.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 5.39(g) | Date Analyzed: 06/25/2012 09:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 Lab Sample ID: 460-41492-8

Matrix: Solid Lab File ID: d21899.d

Analysis Method: 8260B Date Collected: 06/19/2012 09:35

Sample wt/vol: 5.39(g) Date Analyzed: 06/25/2012 09:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21899.d
Report Date: 25-Jun-2012 17:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21899.d
Lab Smp Id: 460-41492-B-8-A Client Smp ID: SF-8
Inj Date : 25-JUN-2012 09:36
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-8-A;;;5.39;5
Misc Info : 460-41492-B-8-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.39000	Weight of sample extracted (g)
M	14.36364	% 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	2.564	2.552	(0.553)	14740	16.4097	18
	6 Methylene Chloride	84	2.505	2.505	(0.540)	2303	0.59445	0.64(a)
	18 2-Butanone	43	4.029	4.017	(0.868)	3237	2.17680	2.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	177667	46.0007	50
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	696376	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	600411	47.8381	52
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	430977	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	196462	48.5109	52
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	219580	50.0000	

QC Flag Legend

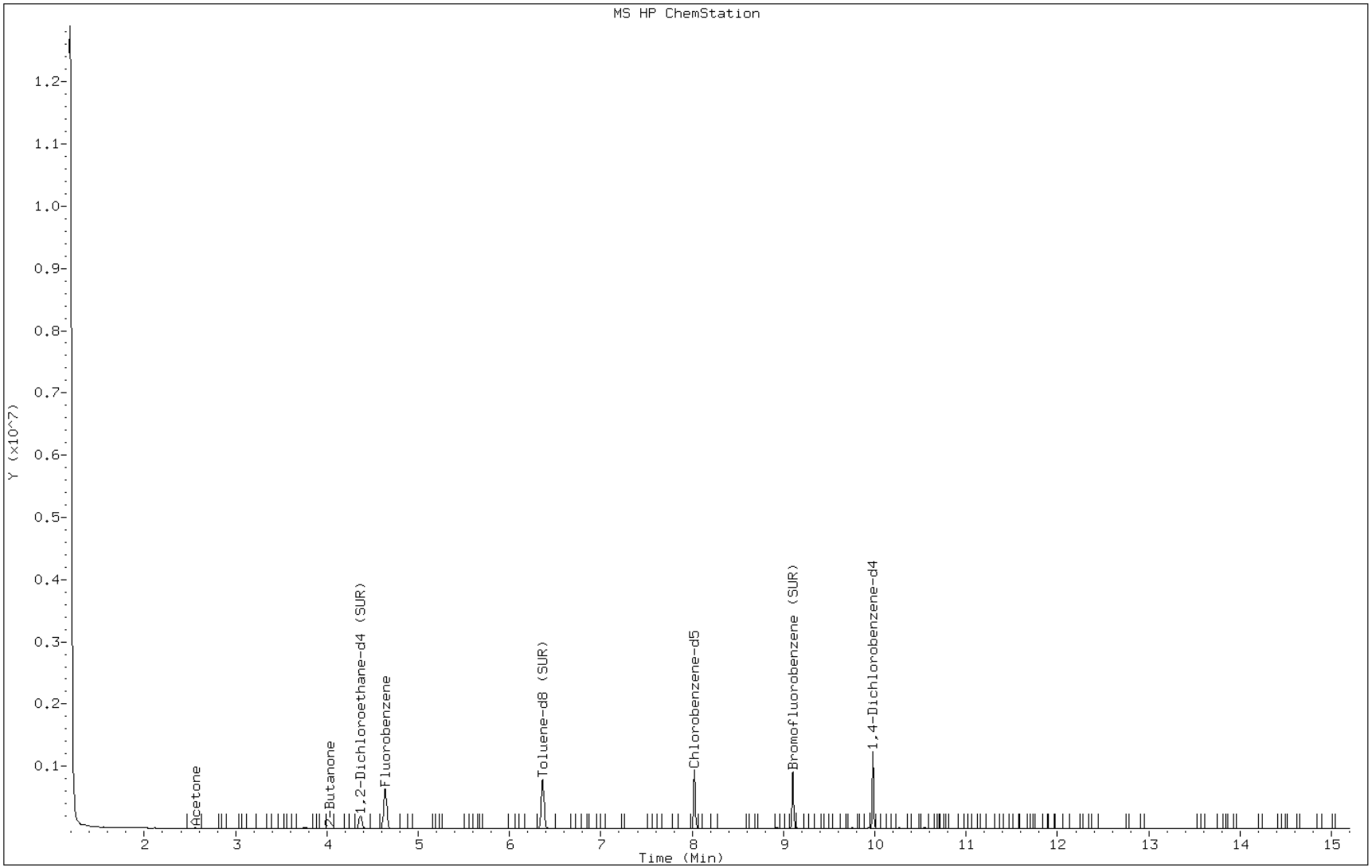
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21899.d

Date: 25-JUN-2012 09:36

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-A;;;5.39;5 Operator: VOAMS 9



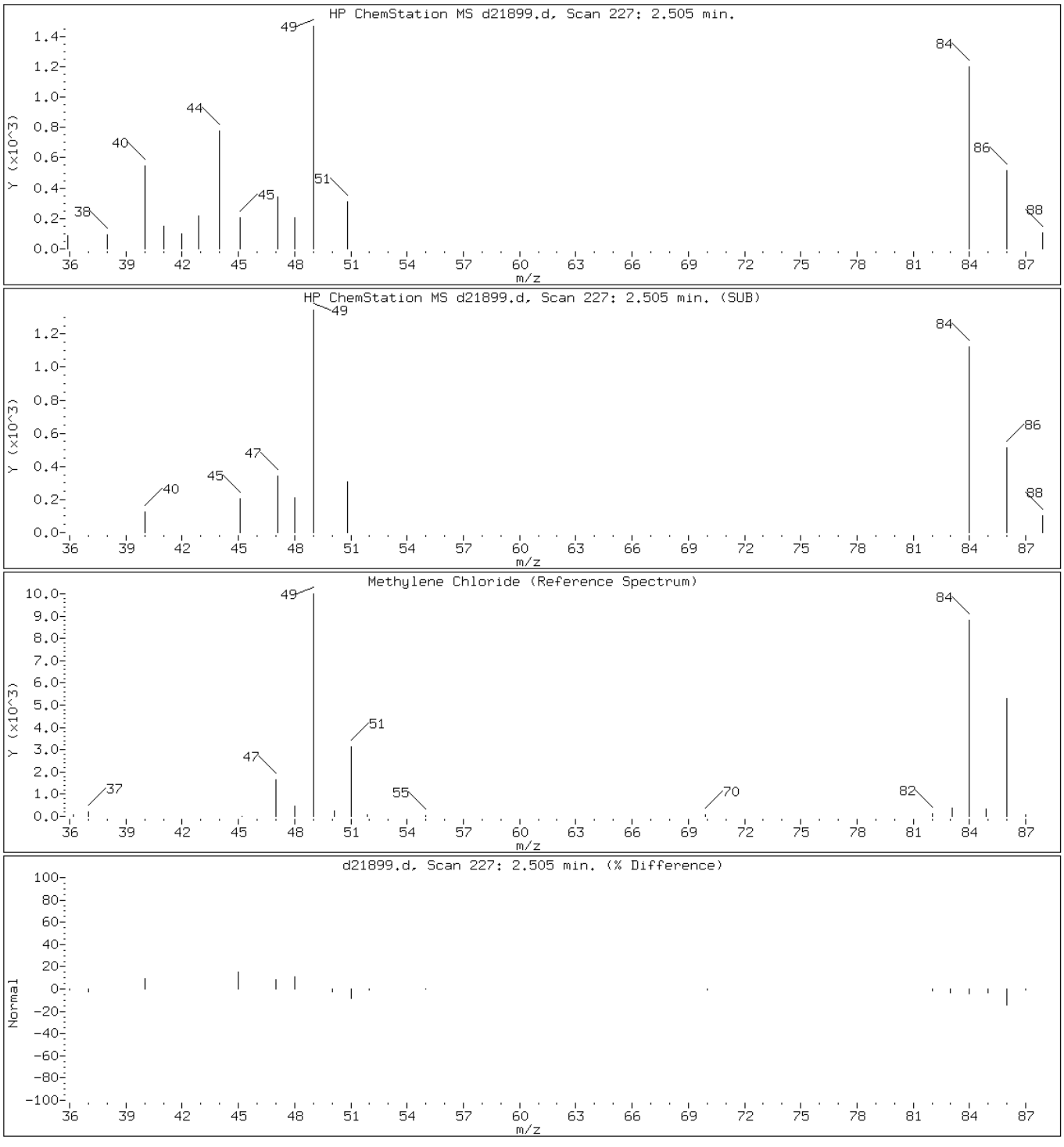
Data File: d21899.d

Date: 25-JUN-2012 09:36

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-A;;;5.39;5 Operator: VOAMS 9

6 Methylene Chloride



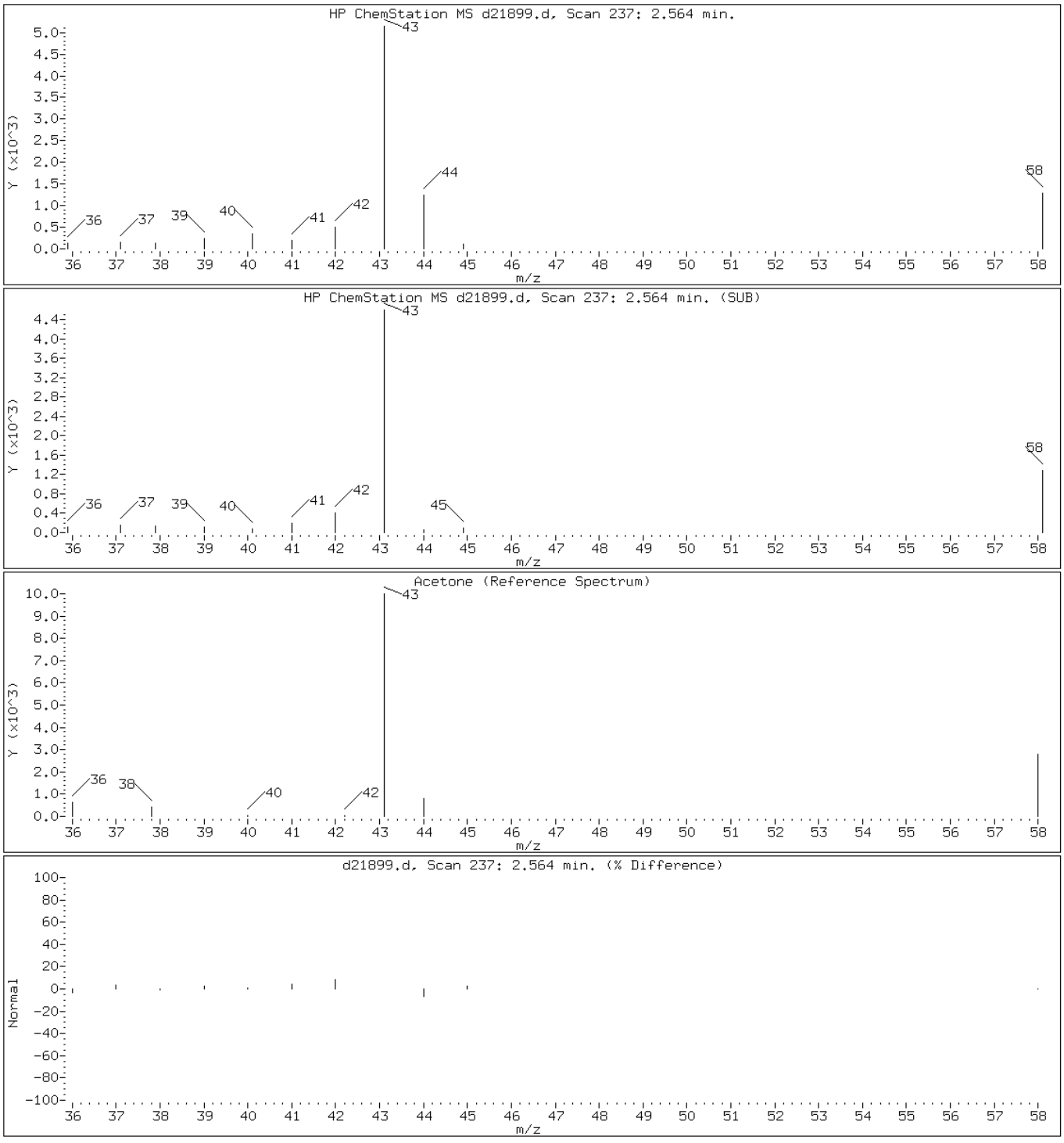
Data File: d21899.d

Date: 25-JUN-2012 09:36

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-A;;;5.39;5 Operator: VOAMS 9

7 Acetone



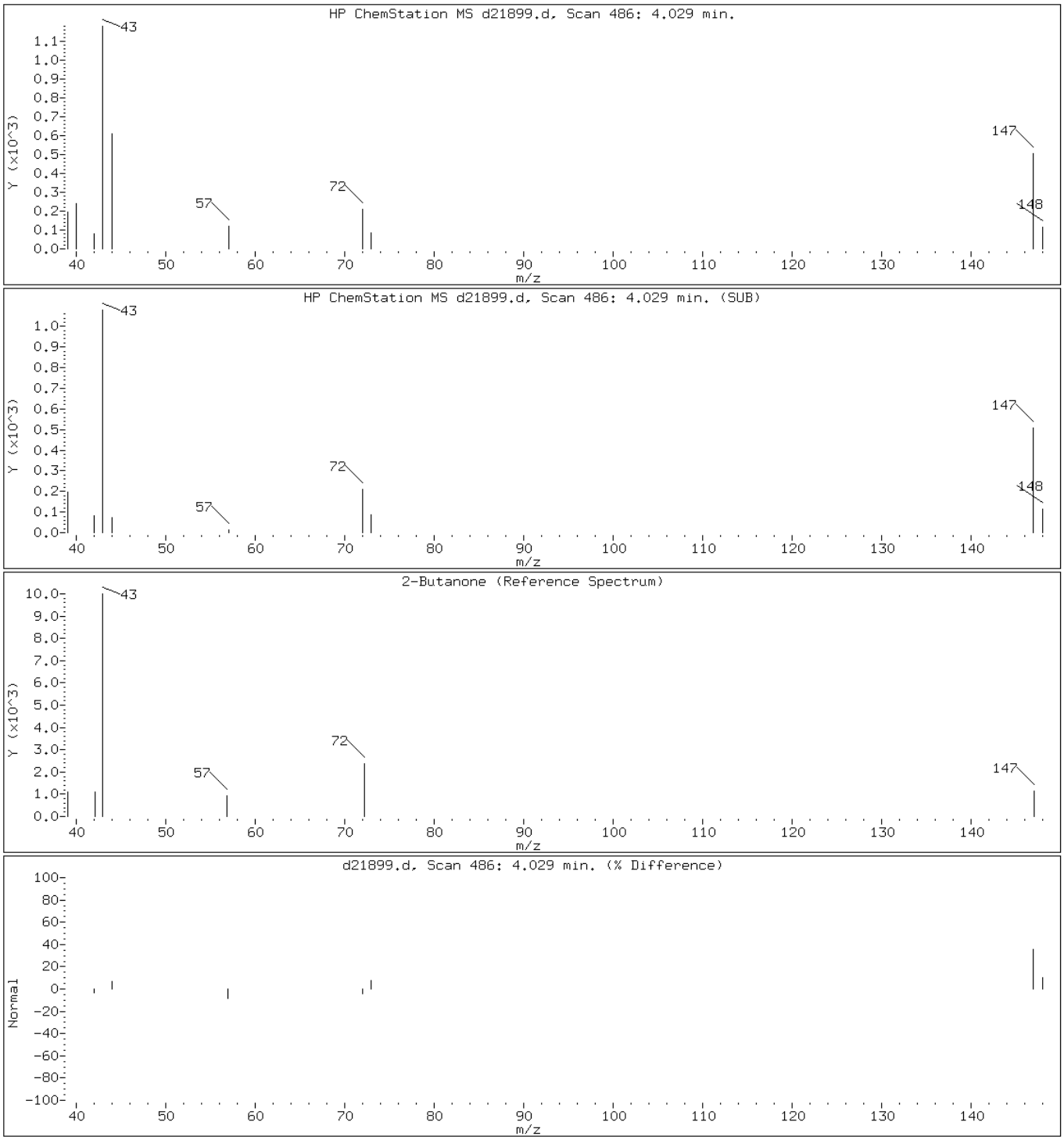
Data File: d21899.d

Date: 25-JUN-2012 09:36

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-A;;;5.39;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: d21907.d

Analysis Method: 8260B | Date Collected: 06/19/2012 10:45

Sample wt/vol: 5.69(g) | Date Analyzed: 06/25/2012 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.1 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.61	J B	1.1	0.17
67-64-1	Acetone	3.9	J B	11	1.9
1330-20-7	Xylenes, Total	0.75	U	3.3	0.75
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.27	U	1.1	0.27
78-93-3	2-Butanone	0.70	U	11	0.70
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
123-91-1	1,4-Dioxane	14	U	56	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	U	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.41	J	11	0.22
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: d21907.d

Analysis Method: 8260B | Date Collected: 06/19/2012 10:45

Sample wt/vol: 5.69(g) | Date Analyzed: 06/25/2012 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.1 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.1	0.49
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 Lab Sample ID: 460-41492-9

Matrix: Solid Lab File ID: d21907.d

Analysis Method: 8260B Date Collected: 06/19/2012 10:45

Sample wt/vol: 5.69(g) Date Analyzed: 06/25/2012 12:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.1 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21907.d
Report Date: 29-Jun-2012 14:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21907.d
Lab Smp Id: 460-41492-B-9-A Client Smp ID: SF-9
Inj Date : 25-JUN-2012 12:47
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-9-A;;;5.69;5
Misc Info : 460-41492-B-9-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 20
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	21.05263	% 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	2.558	2.552	(0.551)	3516	3.46889	3.9(a)
	6 Methylene Chloride	84	2.517	2.505	(0.542)	2378	0.54401	0.60(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	180692	41.4584	46
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	785828	50.0000	
	33 4-Methyl-2-Pentanone	43	6.935	6.923	(1.494)	1388	0.37076	0.41(a)
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	594827	42.3622	47
*	32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	482161	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	192477	42.7104	48
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	244343	50.0000	

QC Flag Legend

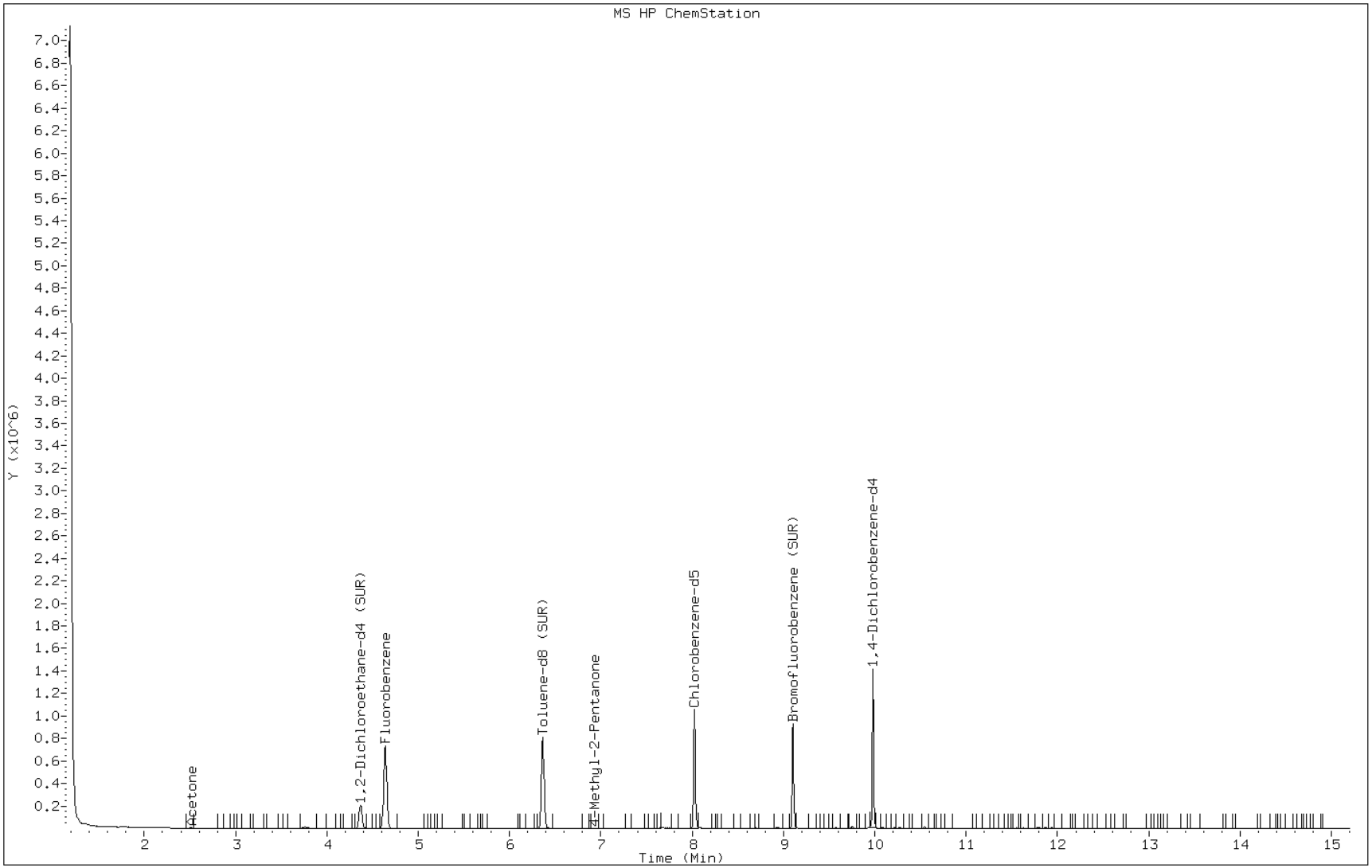
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21907.d

Date: 25-JUN-2012 12:47

Client ID: SF-9 Instrument: VOAMS4.i

Sample Info: 460-41492-B-9-A;;;5.69;5 Operator: VOAMS 9



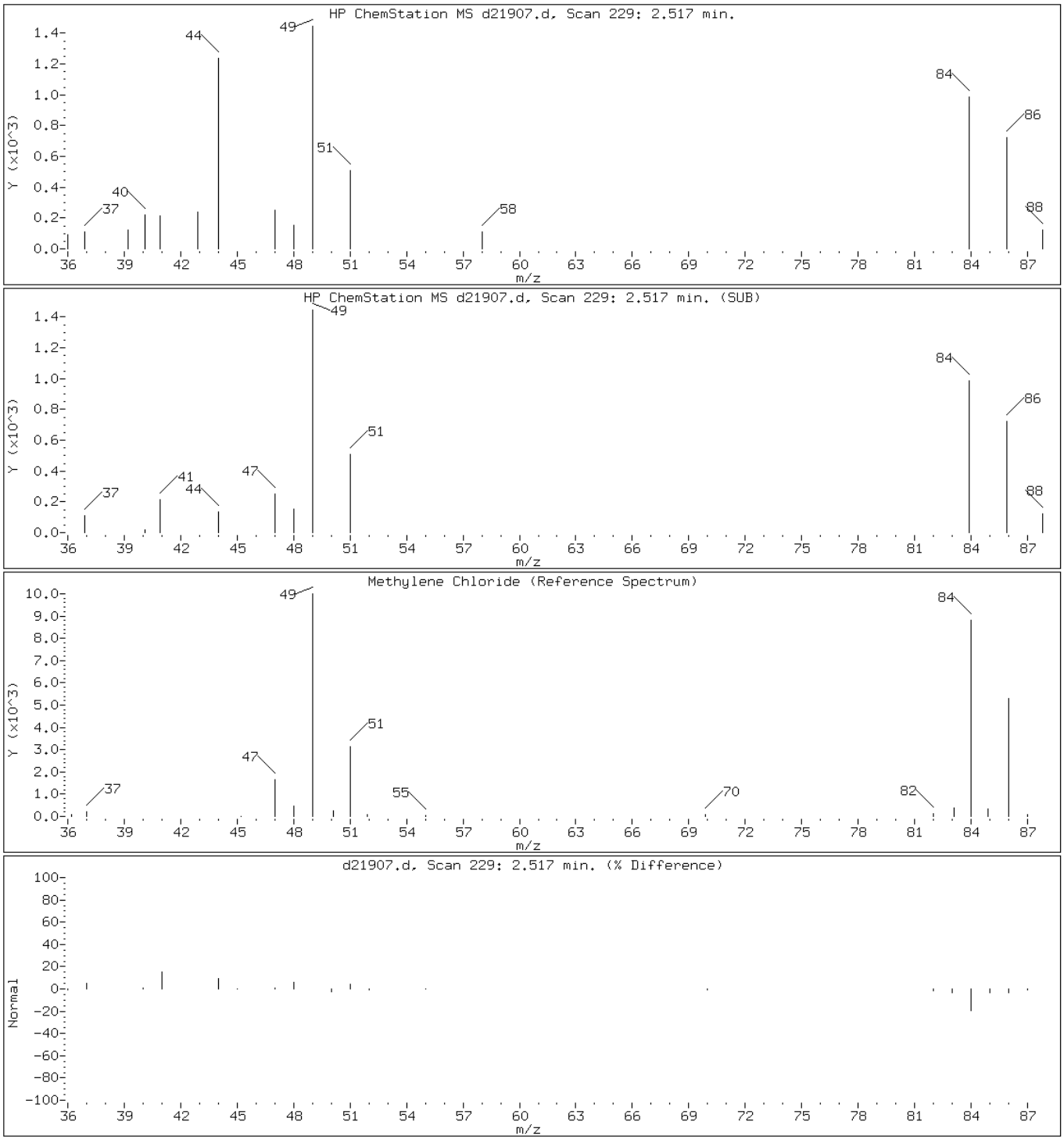
Data File: d21907.d

Date: 25-JUN-2012 12:47

Client ID: SF-9 Instrument: VOAMS4.i

Sample Info: 460-41492-B-9-A;;;5.69;5 Operator: VOAMS 9

6 Methylene Chloride



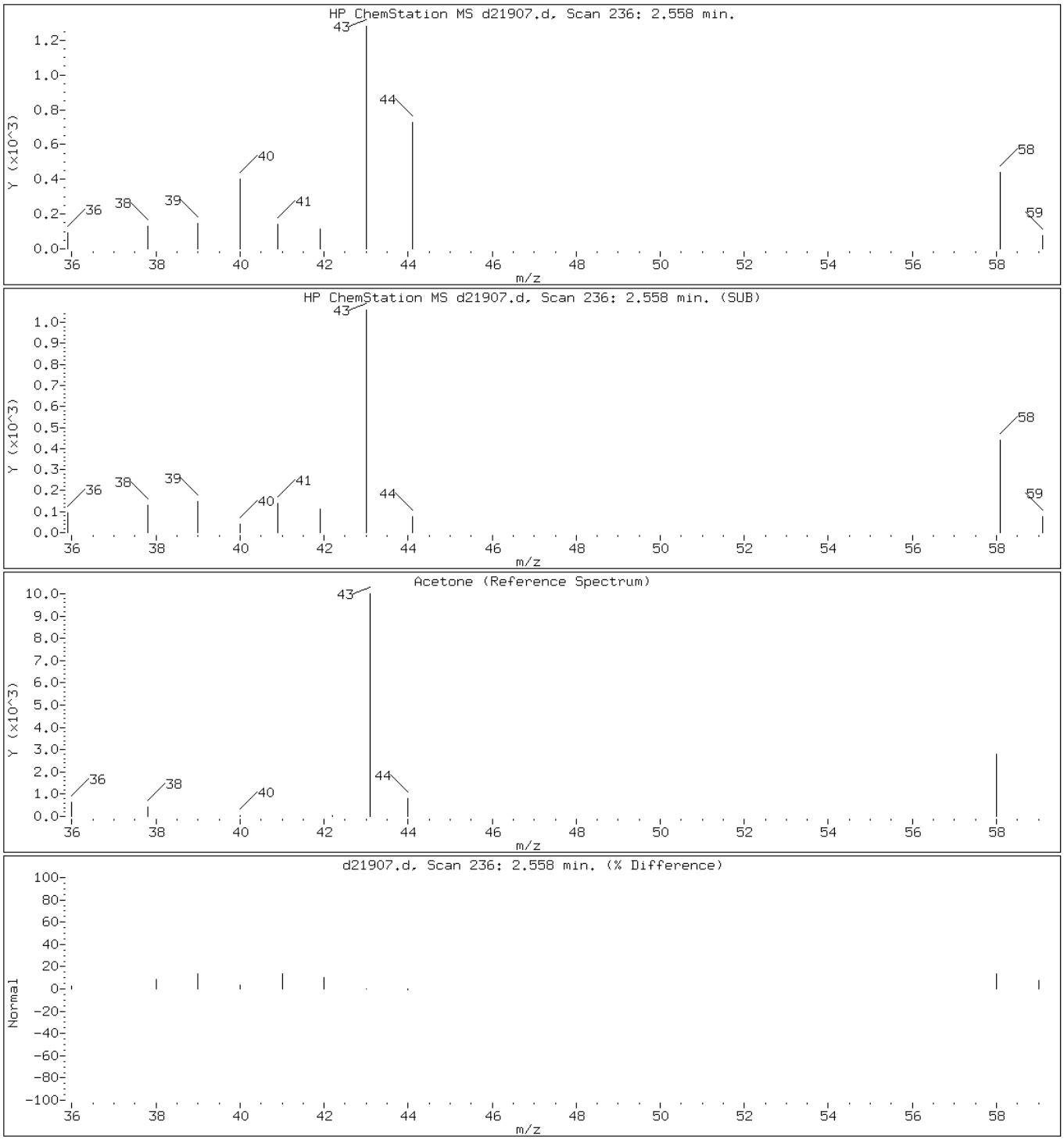
Data File: d21907.d

Date: 25-JUN-2012 12:47

Client ID: SF-9 Instrument: VOAMS4.i

Sample Info: 460-41492-B-9-A;;;5.69;5 Operator: VOAMS 9

7 Acetone



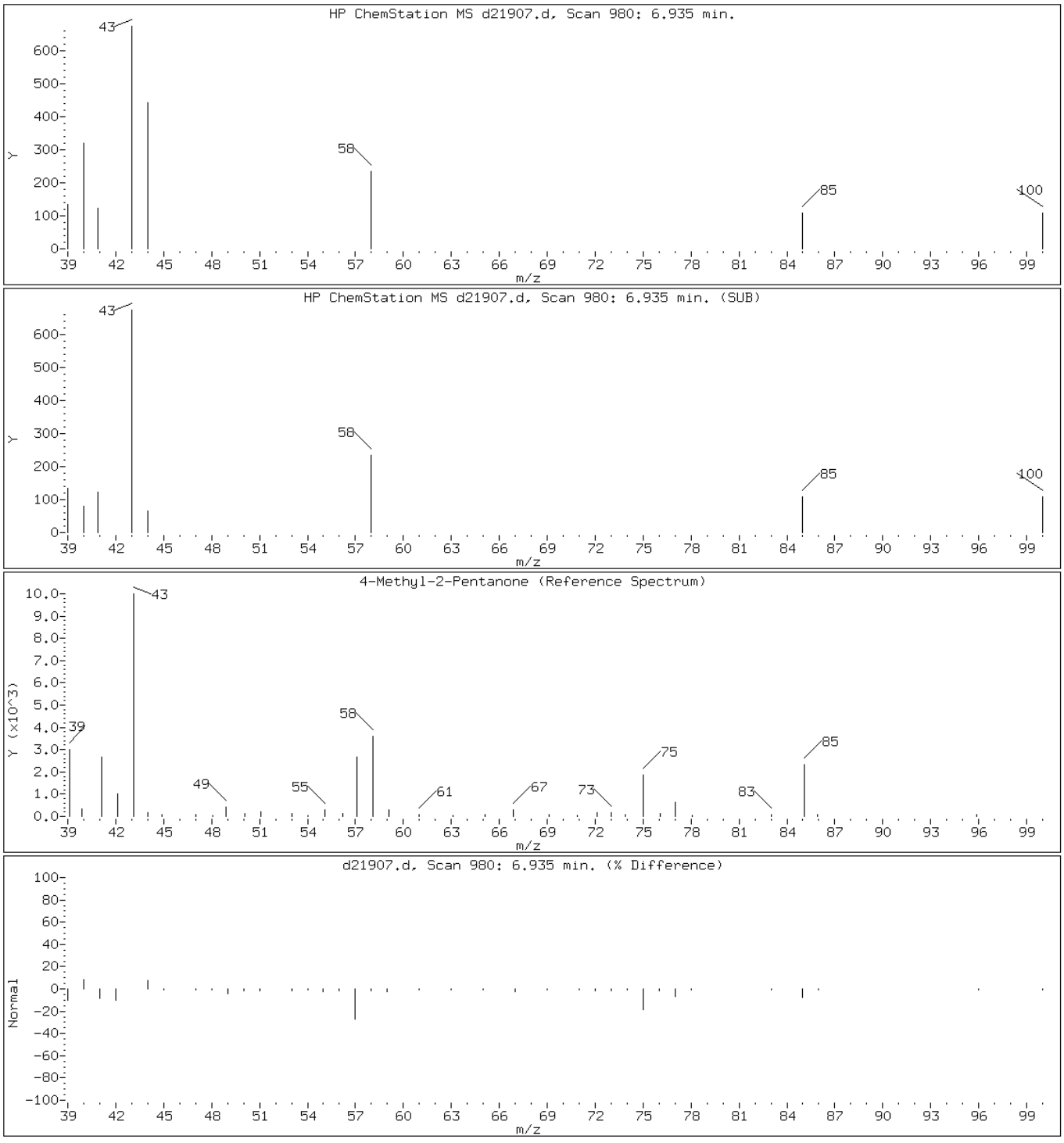
Data File: d21907.d

Date: 25-JUN-2012 12:47

Client ID: SF-9 Instrument: VOAMS4.i

Sample Info: 460-41492-B-9-A;;;5.69;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: d21908.d

Analysis Method: 8260B | Date Collected: 06/19/2012 11:58

Sample wt/vol: 4.84(g) | Date Analyzed: 06/25/2012 13:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.65	J B	1.2	0.18
67-64-1	Acetone	51	B	12	2.1
1330-20-7	Xylenes, Total	0.82	U	3.7	0.82
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	3.1	J	12	0.77
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	1.2	0.39
123-91-1	1,4-Dioxane	16	U	61	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: d21908.d

Analysis Method: 8260B | Date Collected: 06/19/2012 11:58

Sample wt/vol: 4.84(g) | Date Analyzed: 06/25/2012 13:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 Lab Sample ID: 460-41492-10

Matrix: Solid Lab File ID: d21908.d

Analysis Method: 8260B Date Collected: 06/19/2012 11:58

Sample wt/vol: 4.84(g) Date Analyzed: 06/25/2012 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.7 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21908.d
Report Date: 25-Jun-2012 17:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21908.d
Lab Smp Id: 460-41492-B-10-A Client Smp ID: SF-10
Inj Date : 25-JUN-2012 13:11
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-10-A;;;4.84;5
Misc Info : 460-41492-B-10-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 21
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	4.84000	Weight of sample extracted (g)
M	15.69343	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7	Acetone	43	2.558	2.552	(0.551)	35537	41.7849	51
	6	Methylene Chloride	84	2.517	2.505	(0.542)	1946	0.53053	0.65(a)
	18	2-Butanone	43	4.029	4.017	(0.868)	3615	2.56822	3.1(a)
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	176843	48.3596	59
*	69	Fluorobenzene	96	4.641	4.635	(1.000)	659335	50.0000	
$	37	Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	581718	51.1561	63
*	32	Chlorobenzene-d5	117	8.029	8.023	(1.000)	390476	50.0000	
$	41	Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	186944	50.6169	62
*	91	1,4-Dichlorobenzene-d4	152	9.982	9.981	(1.000)	200249	50.0000	

QC Flag Legend

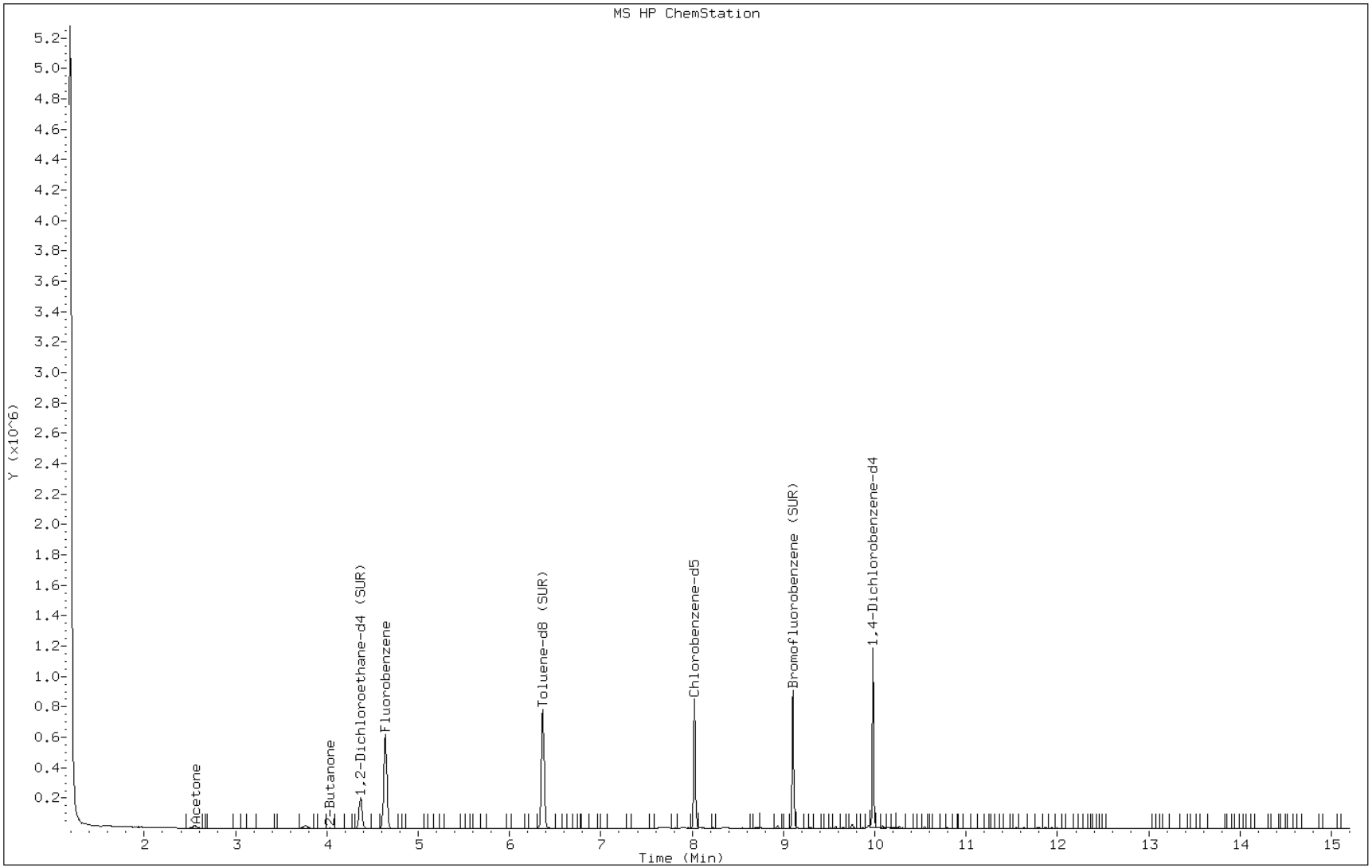
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21908.d

Date: 25-JUN-2012 13:11

Client ID: SF-10 Instrument: VOAMS4.i

Sample Info: 460-41492-B-10-A;;;4.84;5 Operator: VOAMS 9



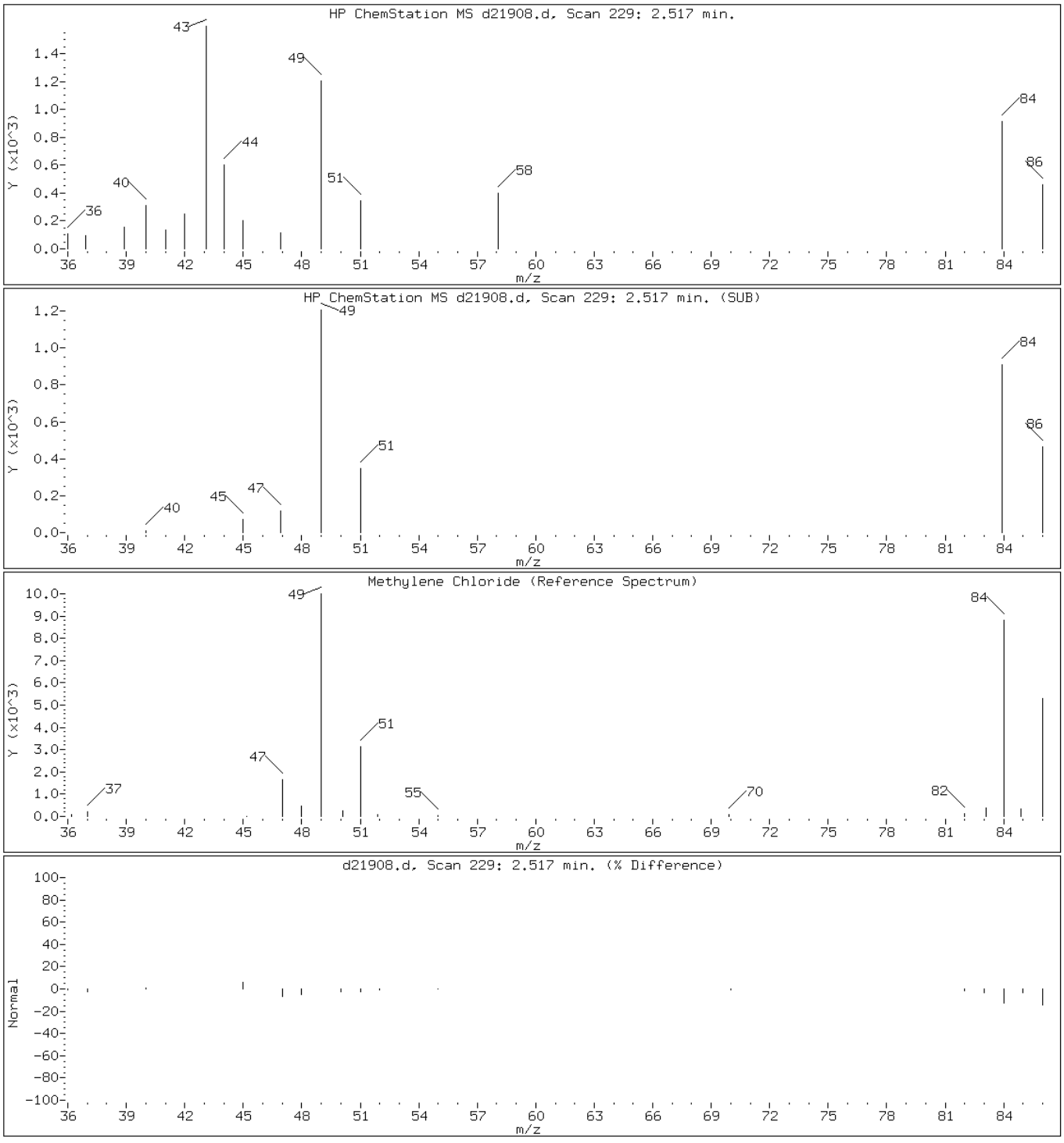
Data File: d21908.d

Date: 25-JUN-2012 13:11

Client ID: SF-10 Instrument: VOAMS4.i

Sample Info: 460-41492-B-10-A;;;4.84;5 Operator: VOAMS 9

6 Methylene Chloride



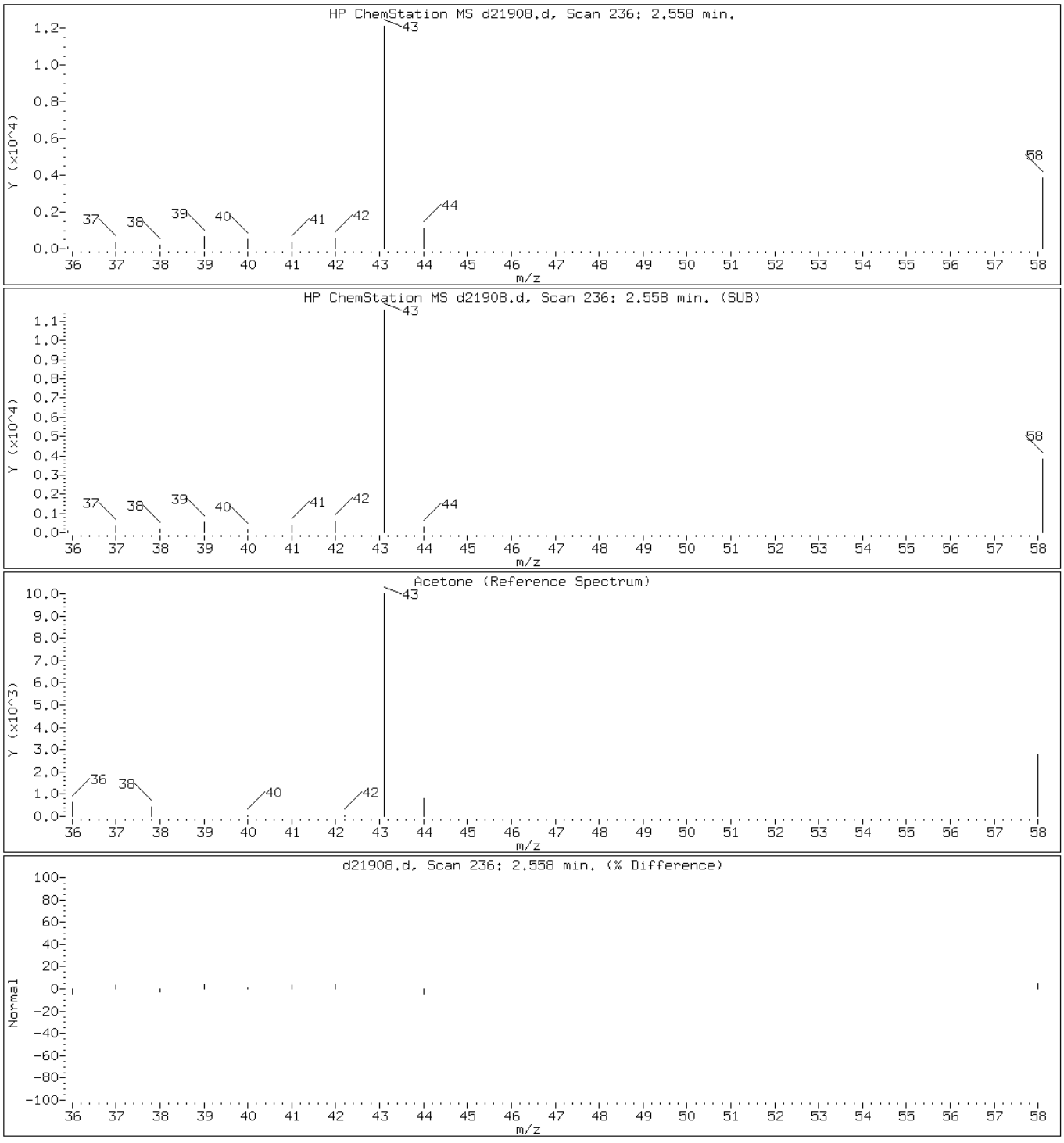
Data File: d21908.d

Date: 25-JUN-2012 13:11

Client ID: SF-10 Instrument: VOAMS4.i

Sample Info: 460-41492-B-10-A;;;4.84;5 Operator: VOAMS 9

7 Acetone



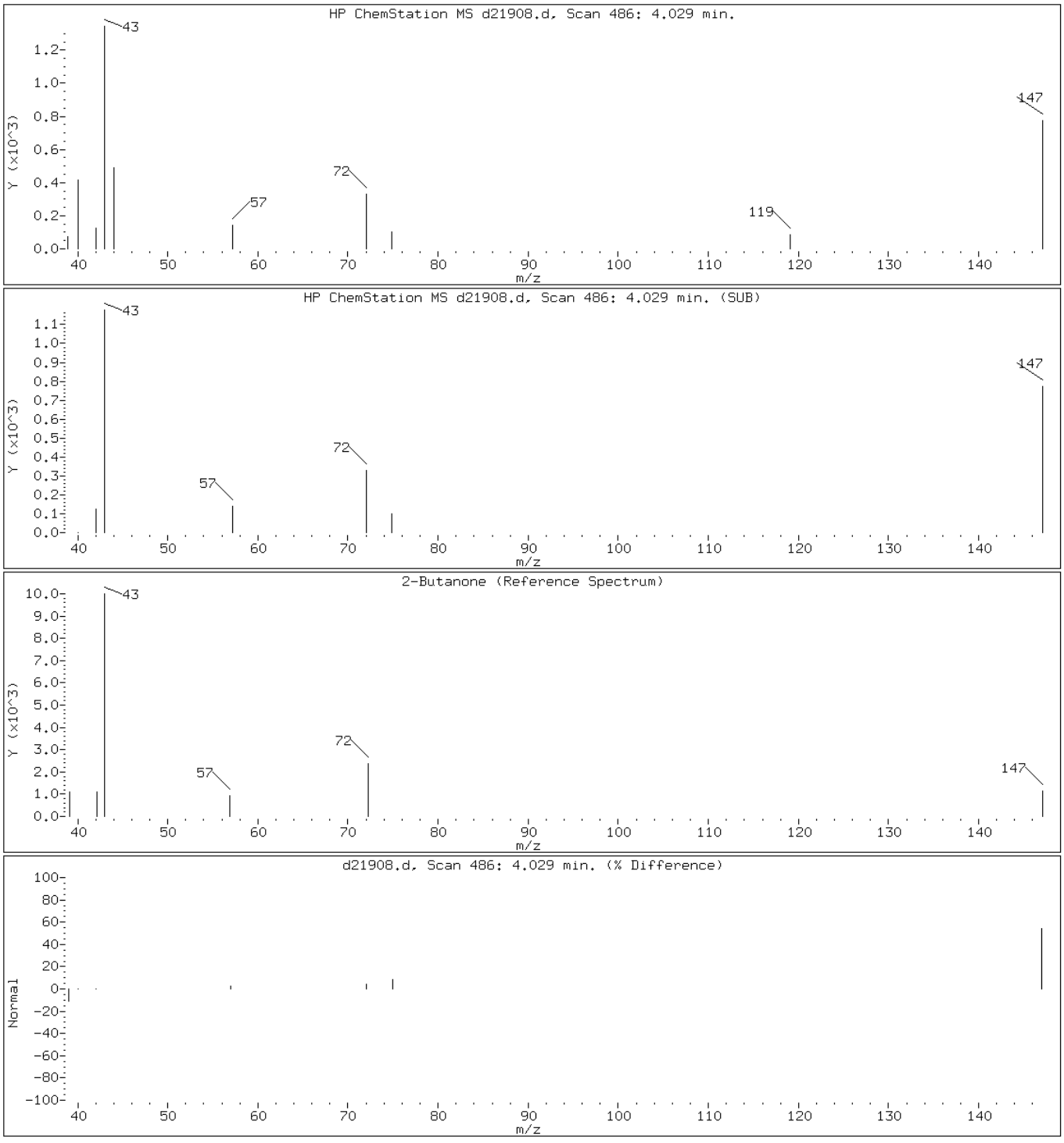
Data File: d21908.d

Date: 25-JUN-2012 13:11

Client ID: SF-10 Instrument: VOAMS4.i

Sample Info: 460-41492-B-10-A;;;4.84;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: d21909.d

Analysis Method: 8260B | Date Collected: 06/19/2012 12:45

Sample wt/vol: 5.33(g) | Date Analyzed: 06/25/2012 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.44	J B	1.0	0.15
67-64-1	Acetone	37	B	10	1.7
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.7	J	10	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: d21909.d

Analysis Method: 8260B | Date Collected: 06/19/2012 12:45

Sample wt/vol: 5.33(g) | Date Analyzed: 06/25/2012 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 Lab Sample ID: 460-41492-11

Matrix: Solid Lab File ID: d21909.d

Analysis Method: 8260B Date Collected: 06/19/2012 12:45

Sample wt/vol: 5.33(g) Date Analyzed: 06/25/2012 13:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.8 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21909.d
Report Date: 25-Jun-2012 17:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21909.d
Lab Smp Id: 460-41492-B-11-A Client Smp ID: SF-11
Inj Date : 25-JUN-2012 13:34
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-11-A;;;5.33;5
Misc Info : 460-41492-B-11-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 22
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	8.76289	% 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	2.558	2.552	(0.551)	30677	35.8906	37
	6 Methylene Chloride	84	2.505	2.505	(0.540)	1564	0.42425	0.44(a)
	18 2-Butanone	43	4.029	4.017	(0.868)	3758	2.65631	2.7(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	176047	47.9028	49
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	662627	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	577377	49.8782	51
*	32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	397492	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	186868	49.3823	51
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	205172	50.0000	

QC Flag Legend

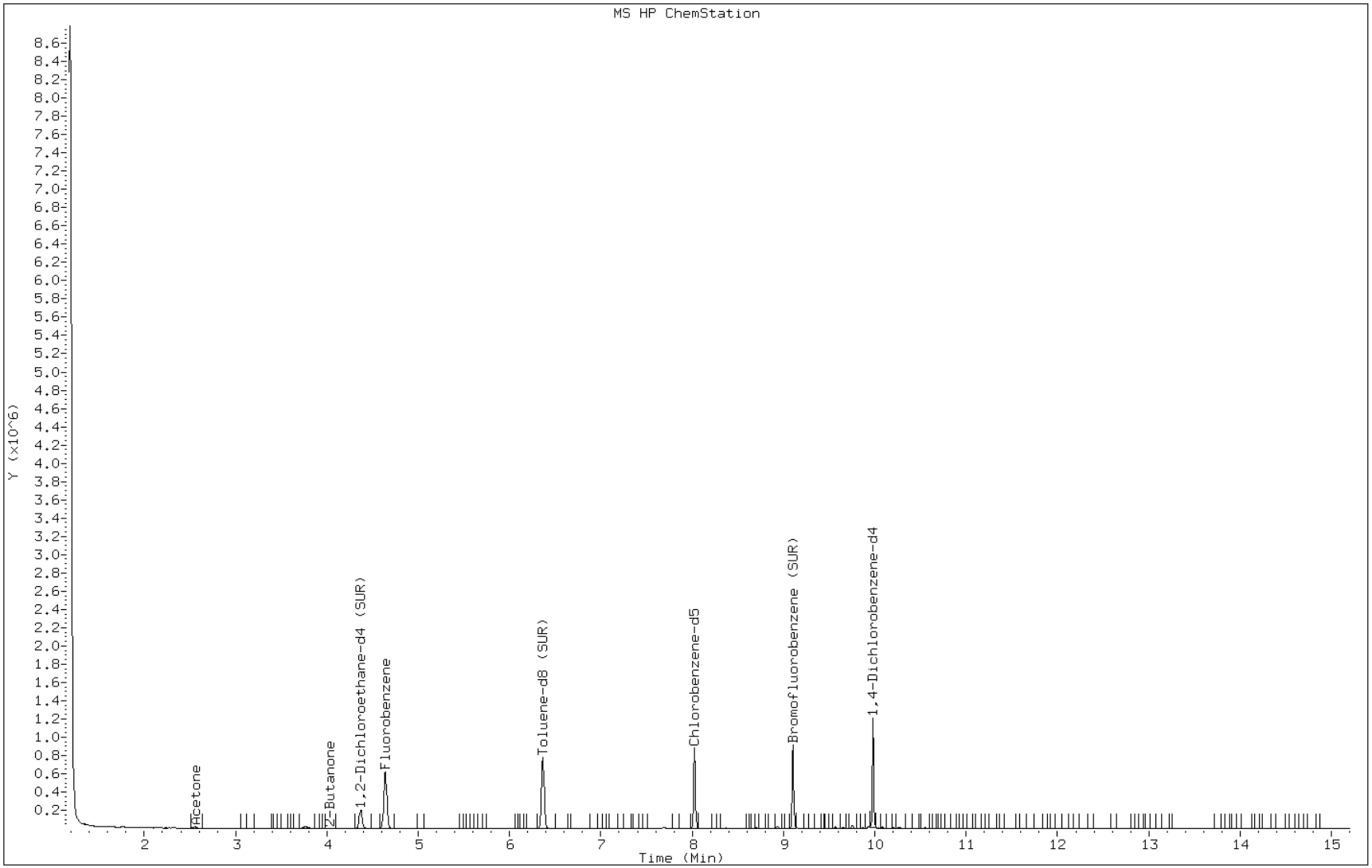
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21909.d

Date: 25-JUN-2012 13:34

Client ID: SF-11 Instrument: VOAMS4.i

Sample Info: 460-41492-B-11-A;;;5.33;5 Operator: VOAMS 9



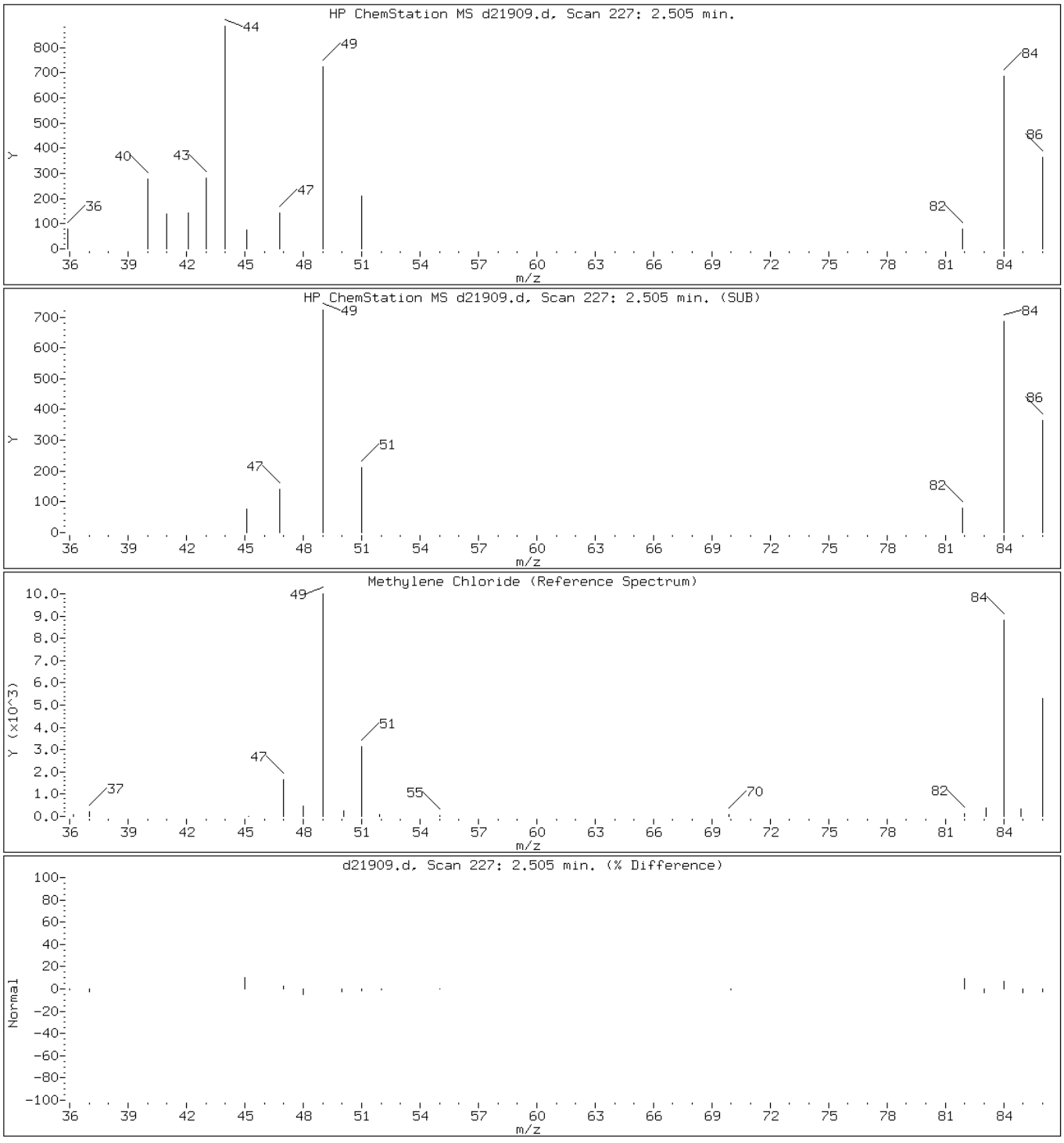
Data File: d21909.d

Date: 25-JUN-2012 13:34

Client ID: SF-11 Instrument: VOAMS4.i

Sample Info: 460-41492-B-11-A;;;5.33;5 Operator: VOAMS 9

6 Methylene Chloride



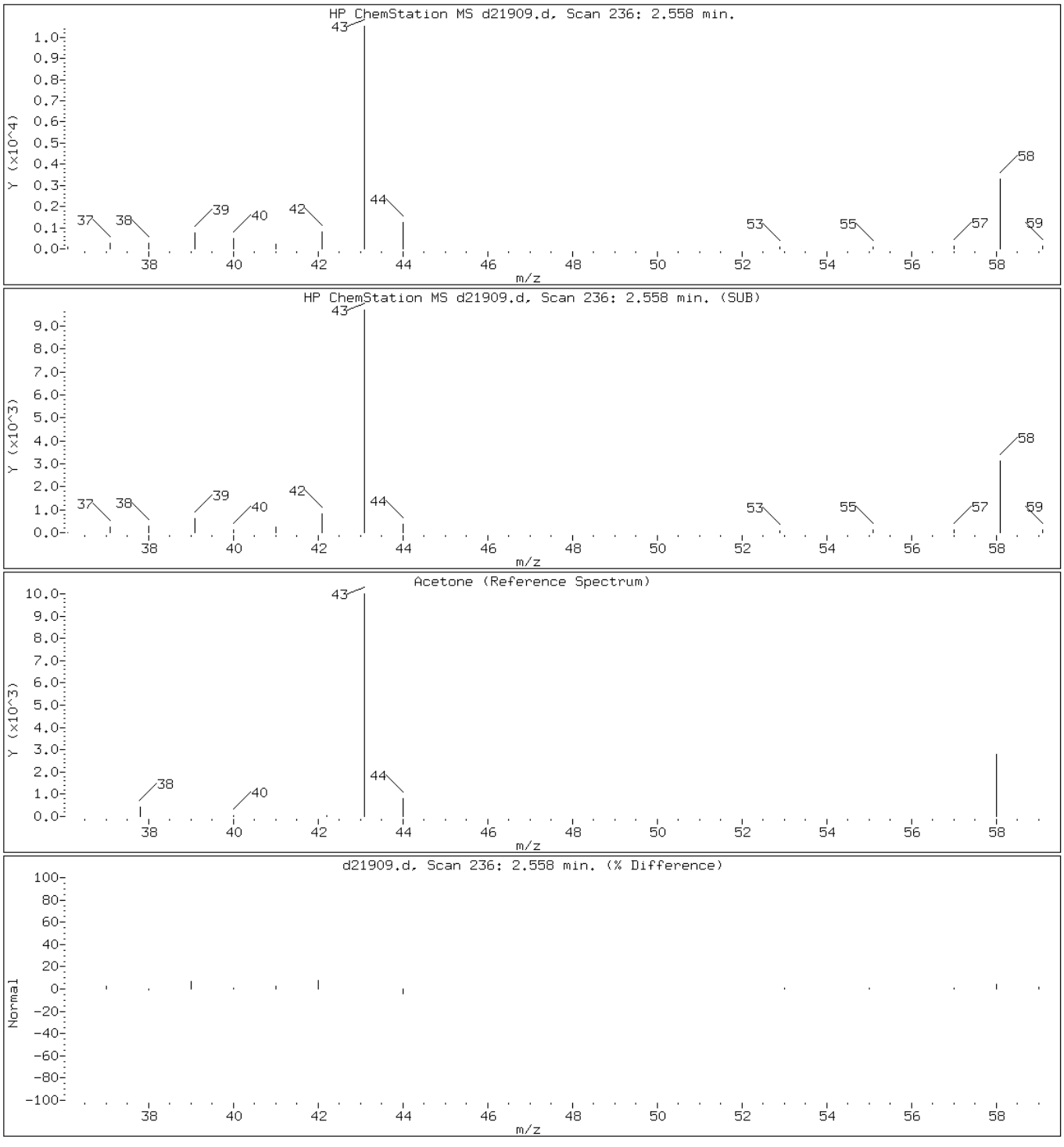
Data File: d21909.d

Date: 25-JUN-2012 13:34

Client ID: SF-11 Instrument: VOAMS4.i

Sample Info: 460-41492-B-11-A;;;5.33;5 Operator: VOAMS 9

7 Acetone



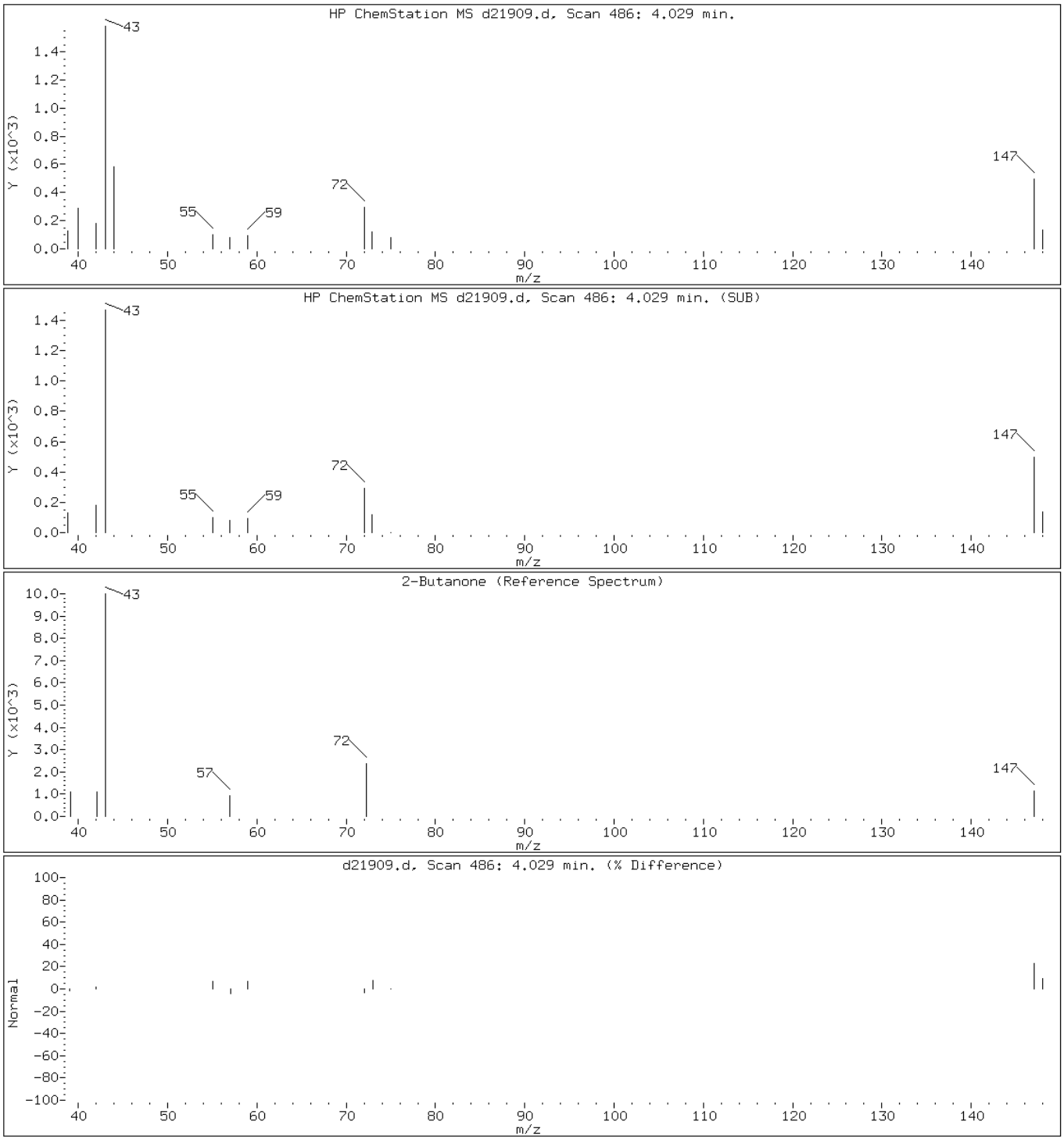
Data File: d21909.d

Date: 25-JUN-2012 13:34

Client ID: SF-11 Instrument: VOAMS4.i

Sample Info: 460-41492-B-11-A;;;5.33;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: d21910.d

Analysis Method: 8260B | Date Collected: 06/19/2012 13:40

Sample wt/vol: 4.74(g) | Date Analyzed: 06/25/2012 13:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.64	J B	1.2	0.18
67-64-1	Acetone	8.1	J B	12	2.1
1330-20-7	Xylenes, Total	0.82	U	3.7	0.82
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	1.6	J	12	0.77
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	12	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	1.2	0.39
123-91-1	1,4-Dioxane	16	U	61	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	12	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: d21910.d

Analysis Method: 8260B | Date Collected: 06/19/2012 13:40

Sample wt/vol: 4.74(g) | Date Analyzed: 06/25/2012 13:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: d21910.d

Analysis Method: 8260B | Date Collected: 06/19/2012 13:40

Sample wt/vol: 4.74(g) | Date Analyzed: 06/25/2012 13:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 117294 | 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21910.d
Report Date: 29-Jun-2012 15:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21910.d
Lab Smp Id: 460-41492-B-12-A Client Smp ID: SF-12
Inj Date : 25-JUN-2012 13:57
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-12-A;;;4.74;5
Misc Info : 460-41492-B-12-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 23
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	4.74000	Weight of sample extracted (g)
M	13.93298	% 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	2.558	2.552	(0.551)	6065	6.62787	8.1(a)
	6 Methylene Chloride	84	2.517	2.505	(0.542)	2053	0.52021	0.64(a)
	18 2-Butanone	43	4.029	4.017	(0.868)	1996	1.31815	1.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	166604	42.3410	52
*	69 Fluorobenzene	96	4.640	4.635	(1.000)	709457	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	553078	44.0504	54
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	431138	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	177412	43.2091	53
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	222619	50.0000	

QC Flag Legend

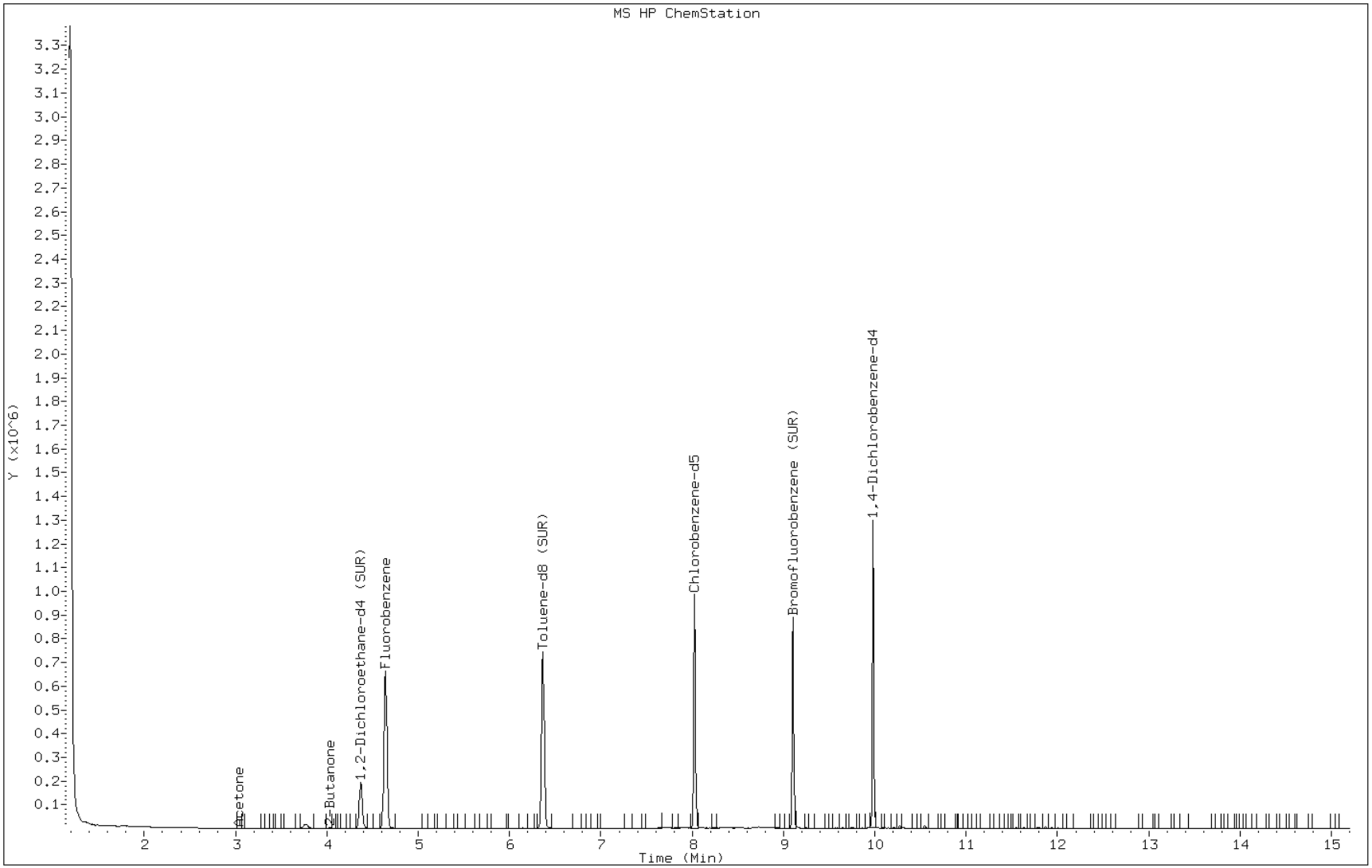
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21910.d

Date: 25-JUN-2012 13:57

Client ID: SF-12 Instrument: VOAMS4.i

Sample Info: 460-41492-B-12-A;;;4.74;5 Operator: VOAMS 9



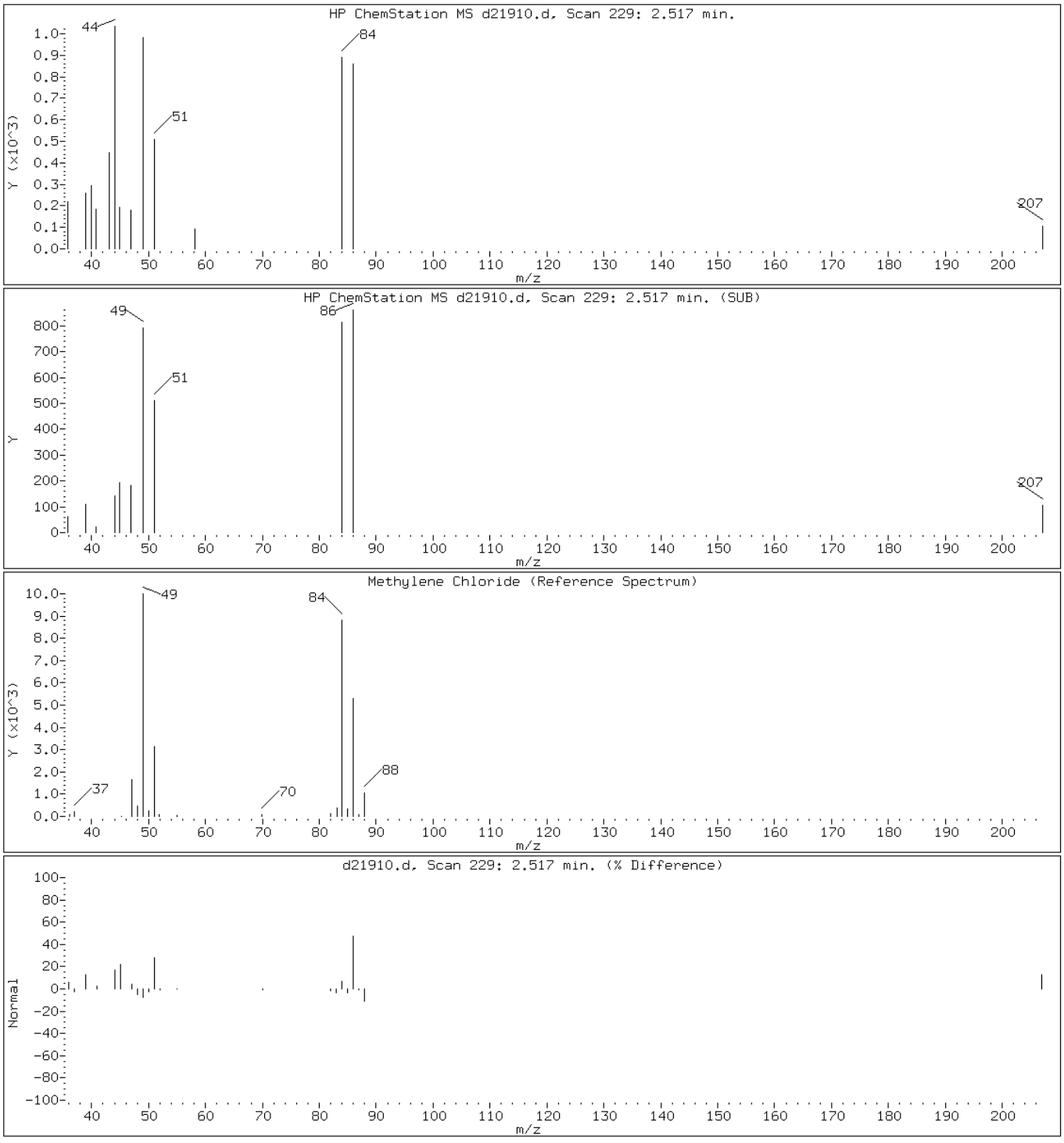
Data File: d21910.d

Date: 25-JUN-2012 13:57

Client ID: SF-12 Instrument: VOAMS4.i

Sample Info: 460-41492-B-12-A;;;4.74;5 Operator: VOAMS 9

6 Methylene Chloride



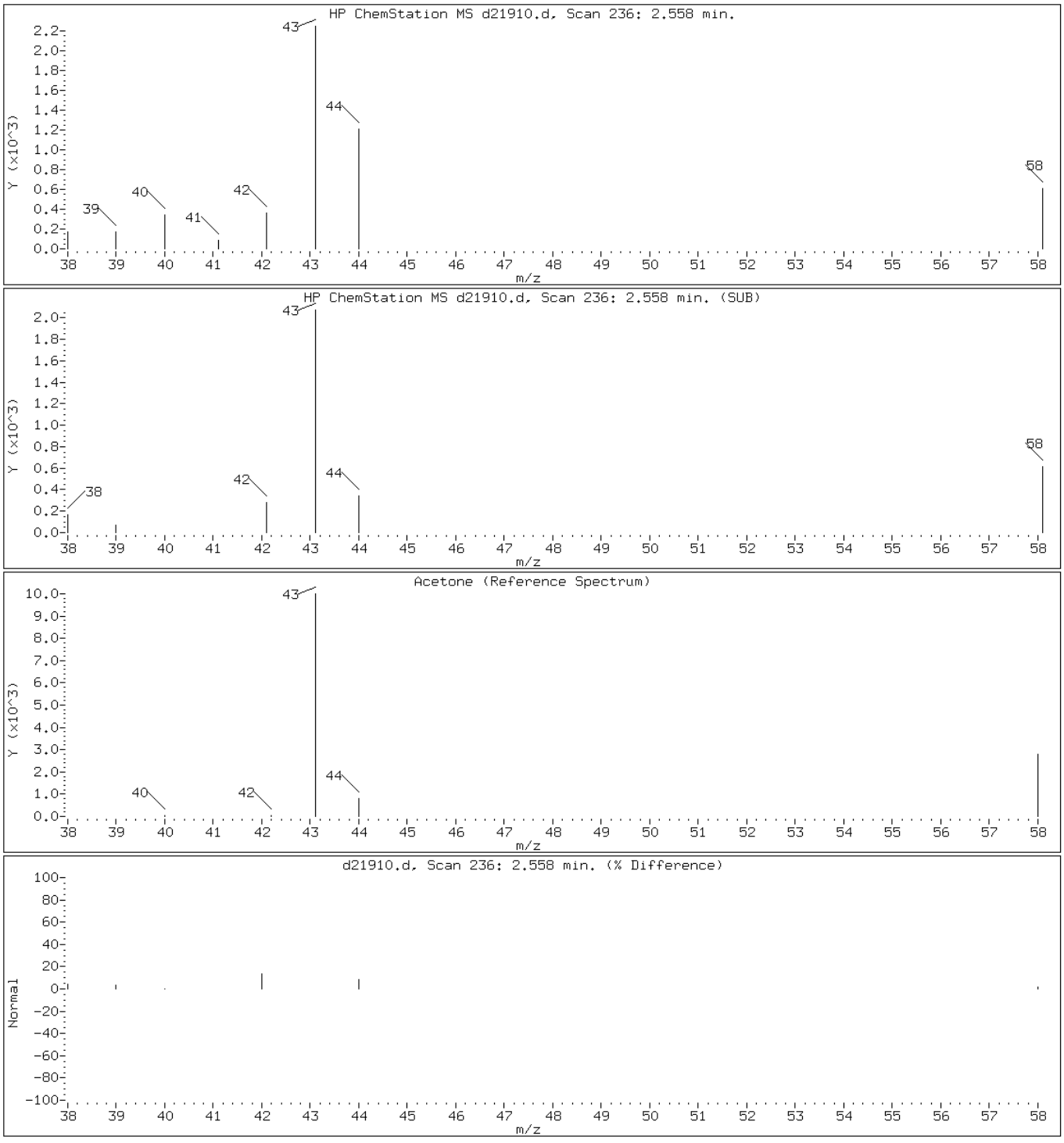
Data File: d21910.d

Date: 25-JUN-2012 13:57

Client ID: SF-12 Instrument: VOAMS4.i

Sample Info: 460-41492-B-12-A;;;4.74;5 Operator: VOAMS 9

7 Acetone



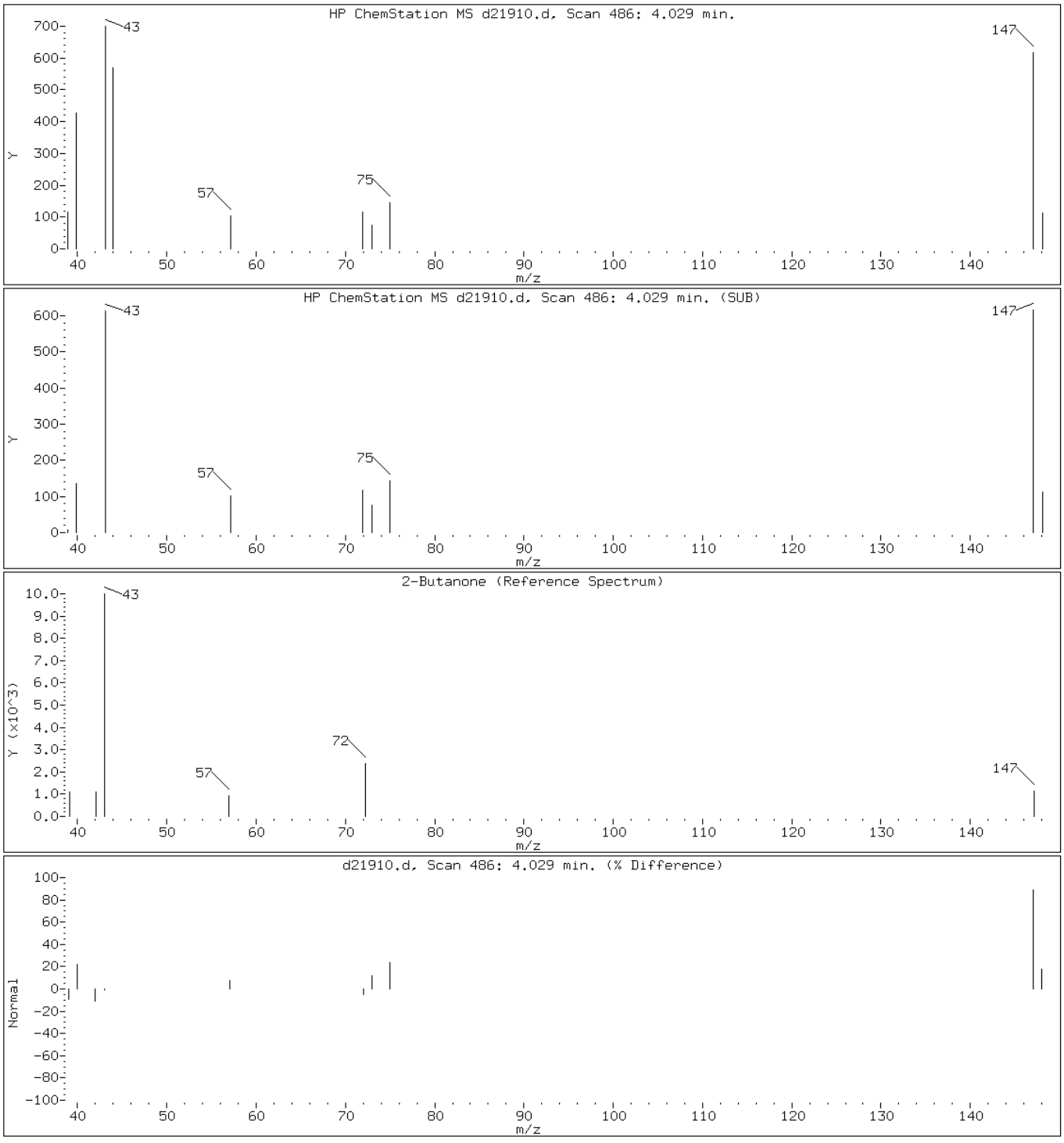
Data File: d21910.d

Date: 25-JUN-2012 13:57

Client ID: SF-12 Instrument: VOAMS4.i

Sample Info: 460-41492-B-12-A;;;4.74;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: d21911.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:40

Sample wt/vol: 5.61(g) | Date Analyzed: 06/25/2012 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.99	0.16
74-83-9	Bromomethane	0.42	U	0.99	0.42
75-01-4	Vinyl chloride	0.34	U	0.99	0.34
75-00-3	Chloroethane	0.33	U	0.99	0.33
75-09-2	Methylene Chloride	0.58	J B	0.99	0.15
67-64-1	Acetone	30	B	9.9	1.7
1330-20-7	Xylenes, Total	0.66	U	3.0	0.66
75-15-0	Carbon disulfide	0.29	J	0.99	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.99	0.16
75-35-4	1,1-Dichloroethene	0.19	U	0.99	0.19
75-34-3	1,1-Dichloroethane	0.11	U	0.99	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.99	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.99	0.11
67-66-3	Chloroform	0.24	U	0.99	0.24
78-93-3	2-Butanone	3.7	J	9.9	0.62
107-06-2	1,2-Dichloroethane	0.18	U	0.99	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.99	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.99	0.15
71-43-2	Benzene	0.15	U	0.99	0.15
75-25-2	Bromoform	0.17	U	0.99	0.17
100-42-5	Styrene	0.28	U	0.99	0.28
100-41-4	Ethylbenzene	0.17	U	0.99	0.17
108-90-7	Chlorobenzene	0.18	U	0.99	0.18
110-82-7	Cyclohexane	0.13	U	0.99	0.13
98-82-8	Isopropylbenzene	0.11	U	0.99	0.11
591-78-6	2-Hexanone	0.13	U	9.9	0.13
1634-04-4	MTBE	0.11	U	0.99	0.11
76-13-1	Freon TF	0.11	U	0.99	0.11
79-20-9	Methyl acetate	0.32	U	0.99	0.32
123-91-1	1,4-Dioxane	13	U	49	13
79-01-6	Trichloroethene	0.12	U	0.99	0.12
108-88-3	Toluene	0.14	U	0.99	0.14
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
108-10-1	4-Methyl-2-pentanone	0.20	U	9.9	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.99	0.14
95-50-1	1,2-Dichlorobenzene	0.099	U	0.99	0.099

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: d21911.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:40

Sample wt/vol: 5.61(g) | Date Analyzed: 06/25/2012 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.19	U	0.99	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.99	0.16
78-87-5	1,2-Dichloropropane	0.15	U	0.99	0.15
108-87-2	Methylcyclohexane	0.099	U	0.99	0.099
127-18-4	Tetrachloroethene	0.12	U	0.99	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.99	0.43
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
124-48-1	Dibromochloromethane	0.099	U	0.99	0.099
106-93-4	1,2-Dibromoethane	0.15	U	0.99	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	0.99	0.22
74-97-5	Bromochloromethane	0.11	U	0.99	0.11
75-27-4	Bromodichloromethane	0.32	U	0.99	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: d21911.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:40

Sample wt/vol: 5.61(g) | Date Analyzed: 06/25/2012 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 117294 | 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21911.d
Report Date: 25-Jun-2012 17:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21911.d
Lab Smp Id: 460-41492-B-13-A Client Smp ID: SF-13
Inj Date : 25-JUN-2012 14:21
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-13-A;;;5.61;5
Misc Info : 460-41492-B-13-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 24
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	5.61000	Weight of sample extracted (g)
M	9.68343	% 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	2.552	2.552	(0.550)	27421	30.8582	30
	8 Carbon Disulfide	76	2.123	2.111	(0.457)	4393	0.28900	0.28(a)
	6 Methylene Chloride	84	2.499	2.505	(0.539)	2241	0.58463	0.58(a)
	18 2-Butanone	43	4.017	4.017	(0.866)	5571	3.78705	3.7(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	171658	44.9282	44
*	69 Fluorobenzene	96	4.640	4.635	(1.000)	688882	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	563779	45.4893	45
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	425578	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	182903	45.6471	45
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	217251	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21911.d
Report Date: 25-Jun-2012 17:34

QC Flag Legend

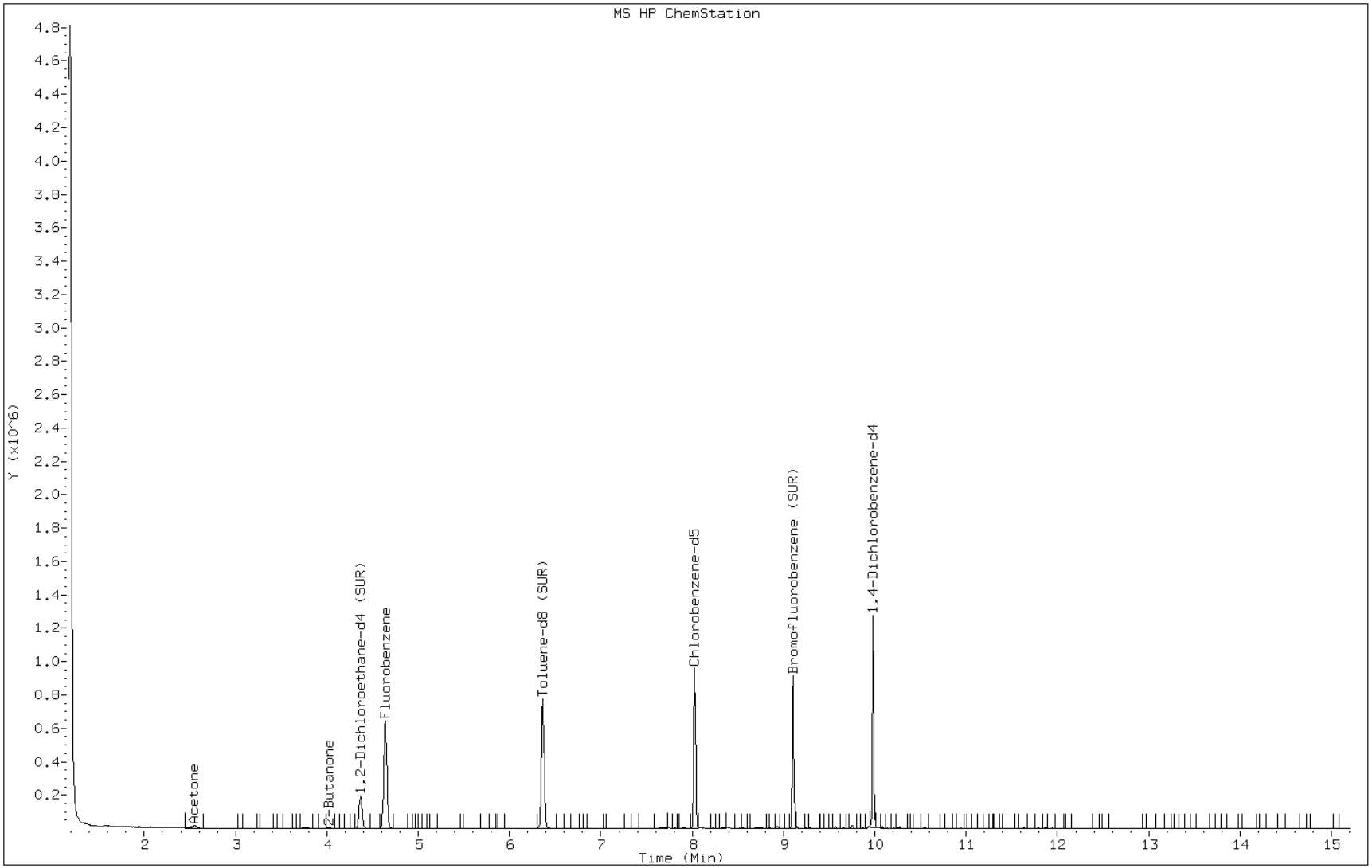
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21911.d

Date: 25-JUN-2012 14:21

Client ID: SF-13 Instrument: VOAMS4.i

Sample Info: 460-41492-B-13-A;;;5.61;5 Operator: VOAMS 9



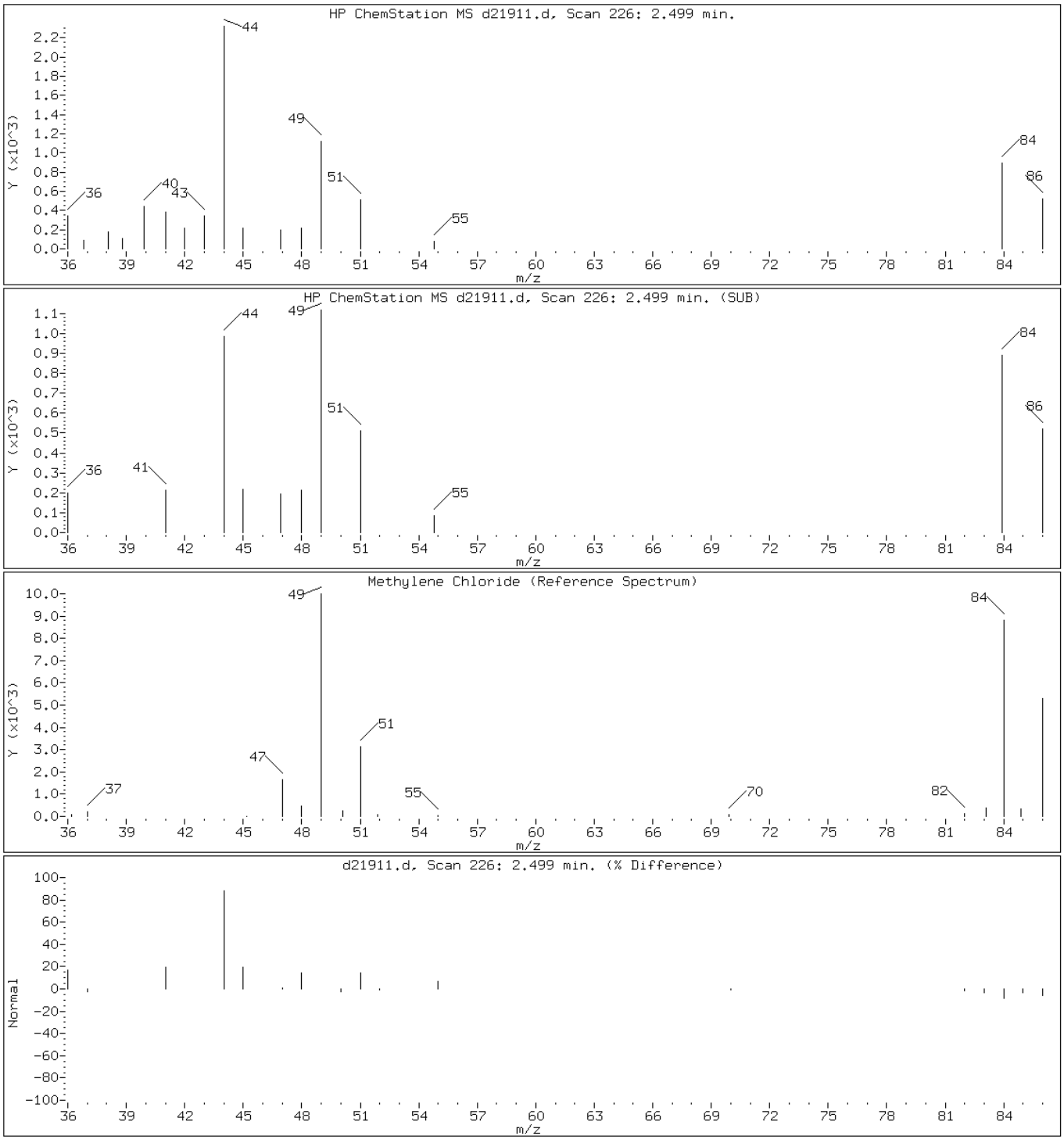
Data File: d21911.d

Date: 25-JUN-2012 14:21

Client ID: SF-13 Instrument: VOAMS4.i

Sample Info: 460-41492-B-13-A;;;5.61;5 Operator: VOAMS 9

6 Methylene Chloride



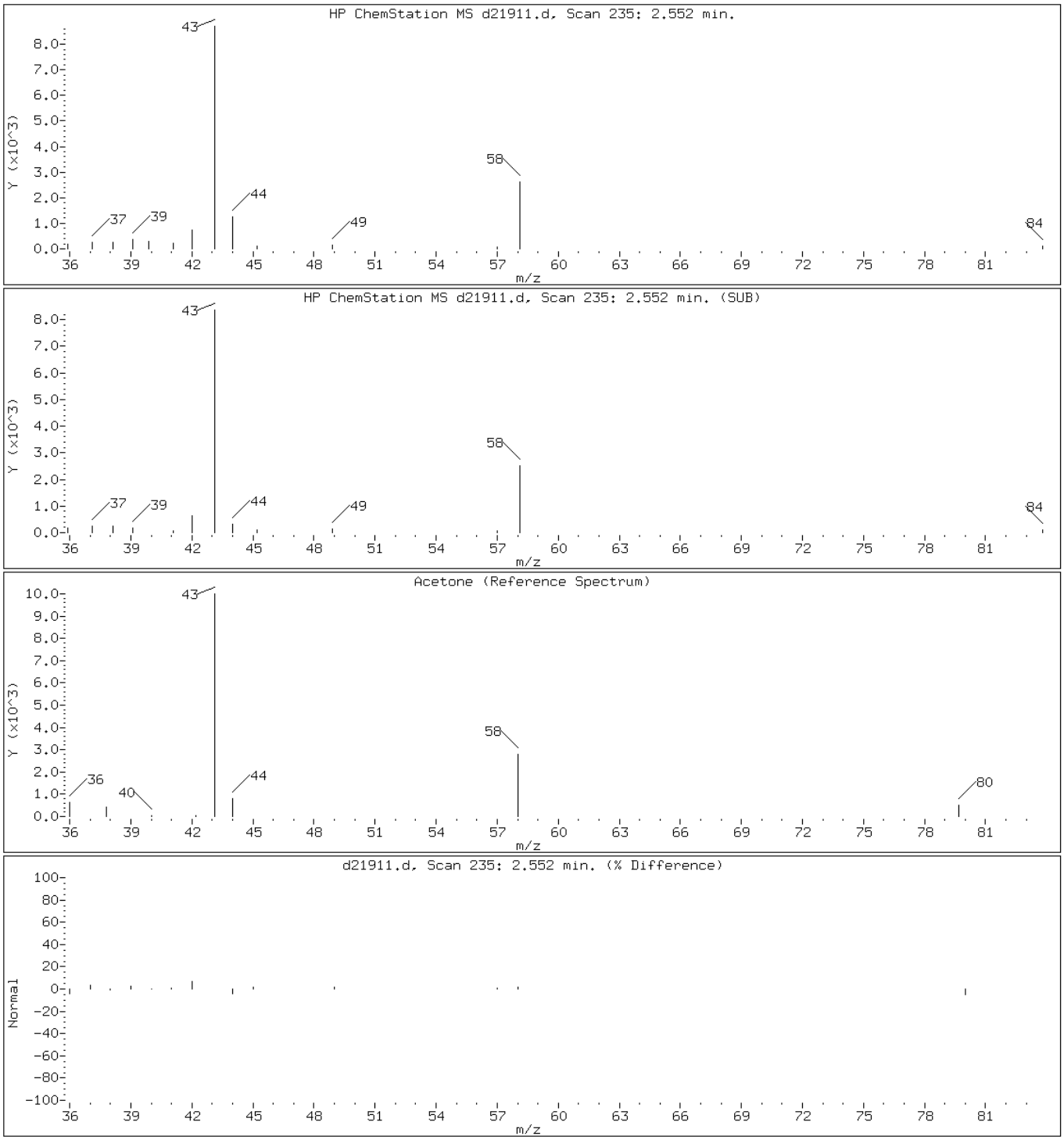
Data File: d21911.d

Date: 25-JUN-2012 14:21

Client ID: SF-13 Instrument: VOAMS4.i

Sample Info: 460-41492-B-13-A;;;5.61;5 Operator: VOAMS 9

7 Acetone



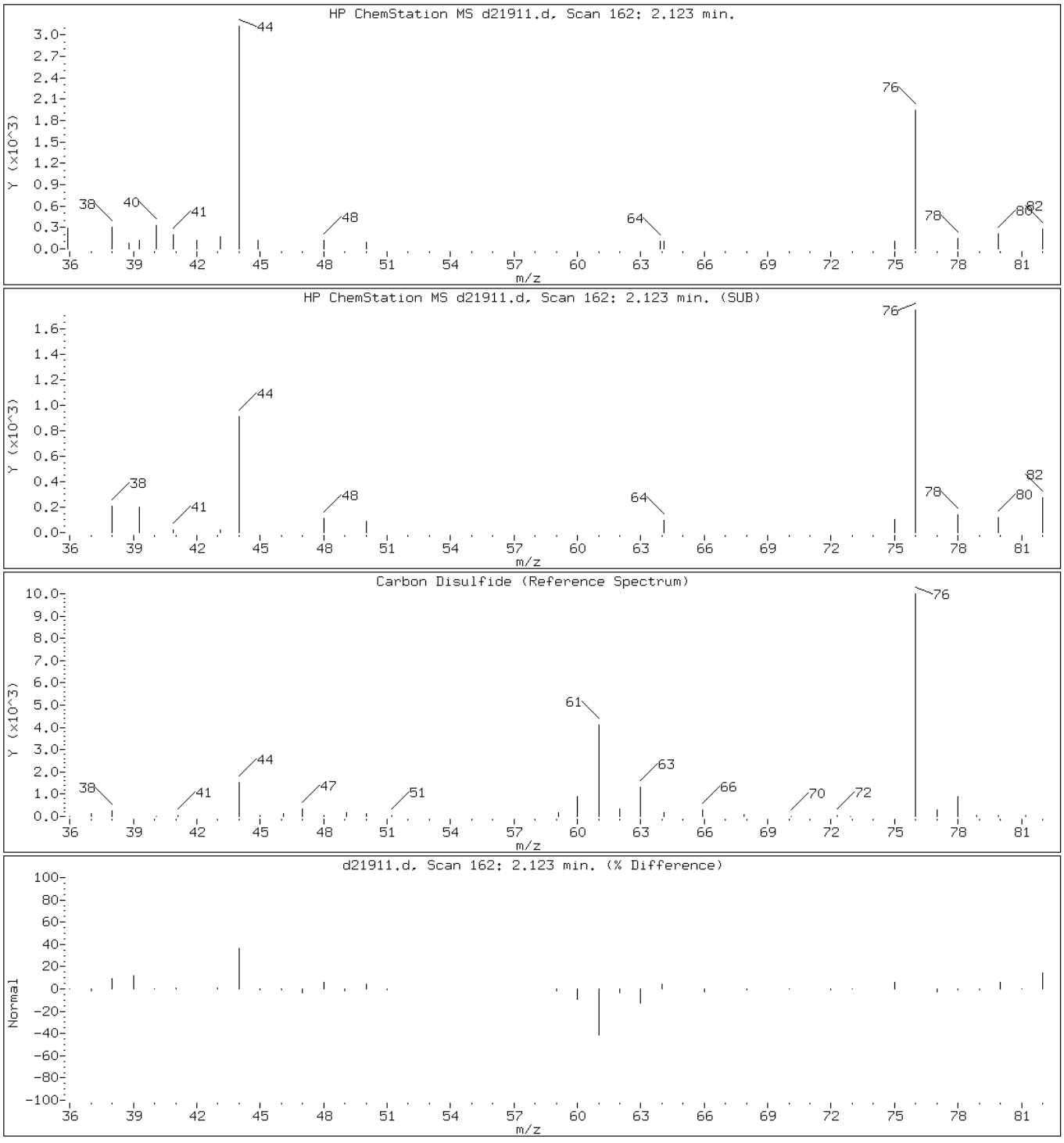
Data File: d21911.d

Date: 25-JUN-2012 14:21

Client ID: SF-13 Instrument: VOAMS4.i

Sample Info: 460-41492-B-13-A;;;5.61;5 Operator: VOAMS 9

8 Carbon Disulfide



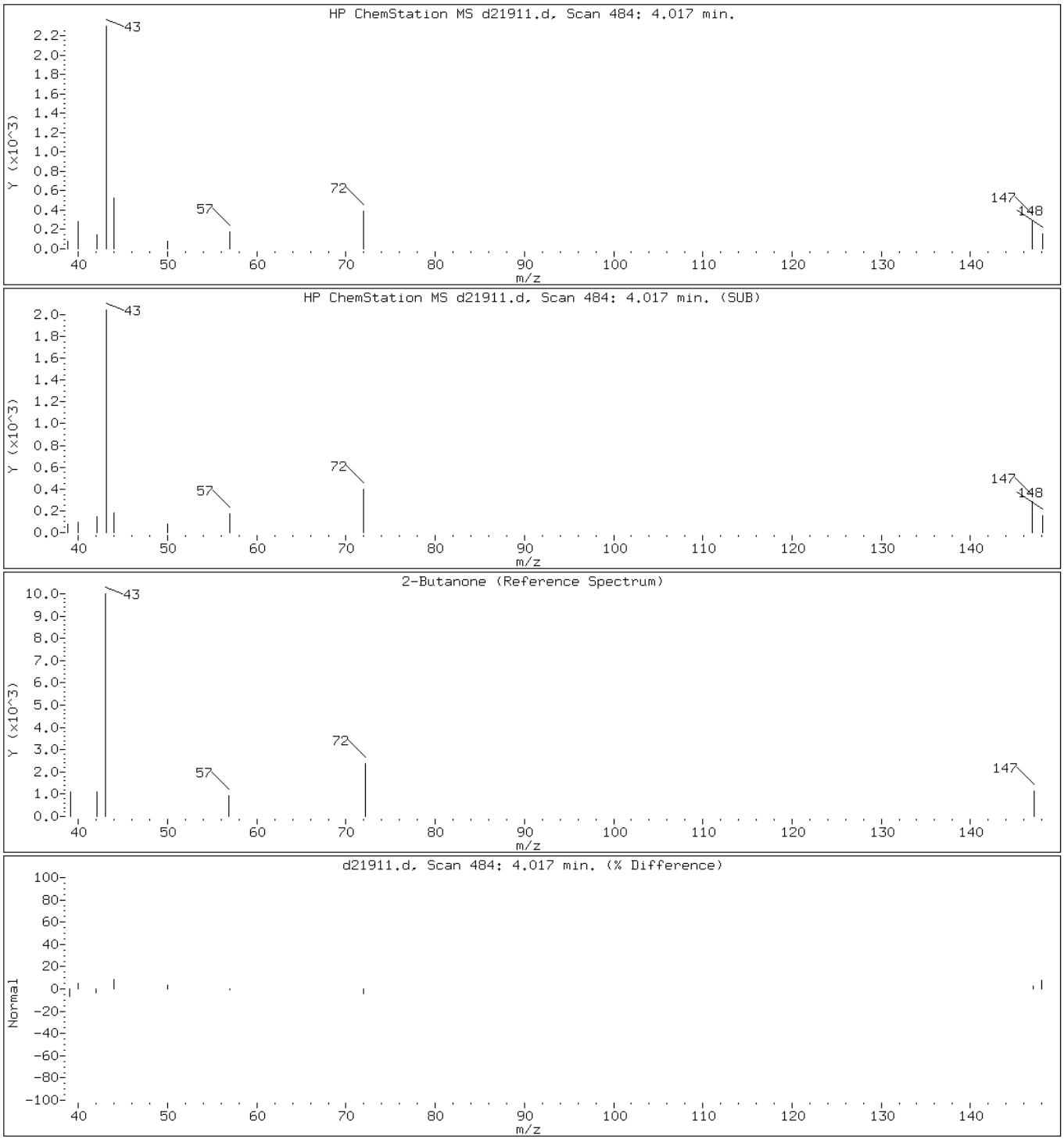
Data File: d21911.d

Date: 25-JUN-2012 14:21

Client ID: SF-13 Instrument: VOAMS4.i

Sample Info: 460-41492-B-13-A;;;5.61;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: d21912.d

Analysis Method: 8260B | Date Collected: 06/19/2012 15:37

Sample wt/vol: 5.47(g) | Date Analyzed: 06/25/2012 14:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.58	J B	1.0	0.16
67-64-1	Acetone	19	B	10	1.8
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.7	J	10	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
71-43-2	Benzene	0.16	U	1.0	0.16
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	52	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: d21912.d

Analysis Method: 8260B | Date Collected: 06/19/2012 15:37

Sample wt/vol: 5.47(g) | Date Analyzed: 06/25/2012 14:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 Lab Sample ID: 460-41492-14

Matrix: Solid Lab File ID: d21912.d

Analysis Method: 8260B Date Collected: 06/19/2012 15:37

Sample wt/vol: 5.47(g) Date Analyzed: 06/25/2012 14:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21912.d
Report Date: 25-Jun-2012 17:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21912.d
Lab Smp Id: 460-41492-B-14-A Client Smp ID: SF-14
Inj Date : 25-JUN-2012 14:44
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-14-A;;;5.47;5
Misc Info : 460-41492-B-14-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.47000	Weight of sample extracted (g)
M	11.77570	% 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	2.558	2.552	(0.551)	16815	18.1075	19
	6 Methylene Chloride	84	2.505	2.505	(0.540)	2236	0.55819	0.58(a)
	18 2-Butanone	43	4.029	4.017	(0.868)	4009	2.60781	2.7(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	170460	42.6924	44
*	69 Fluorobenzene	96	4.640	4.635	(1.000)	719899	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	571952	44.4271	46
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	442070	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	177259	42.7136	44
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	225007	50.0000	

QC Flag Legend

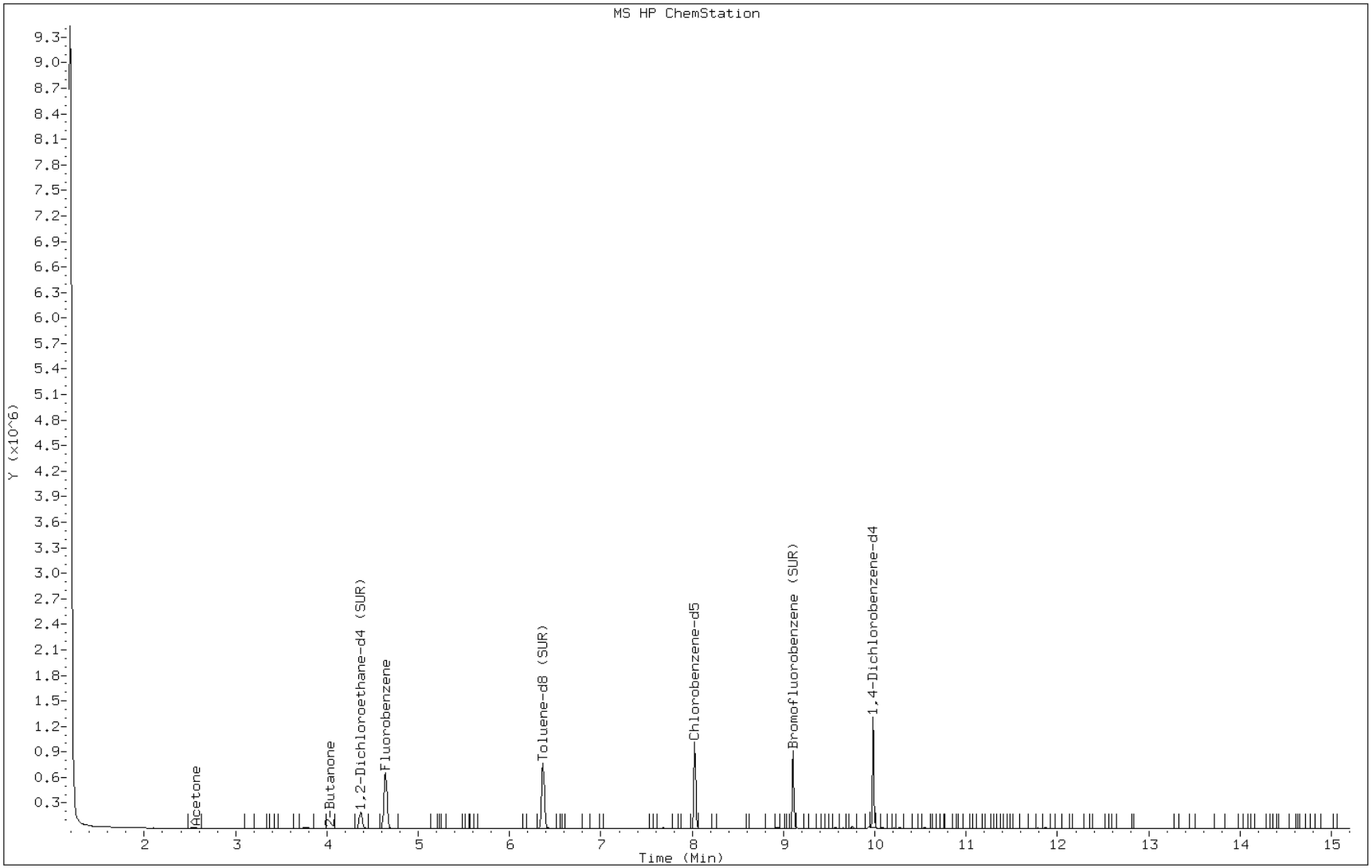
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21912.d

Date: 25-JUN-2012 14:44

Client ID: SF-14 Instrument: VOAMS4.i

Sample Info: 460-41492-B-14-A;;;5.47;5 Operator: VOAMS 9



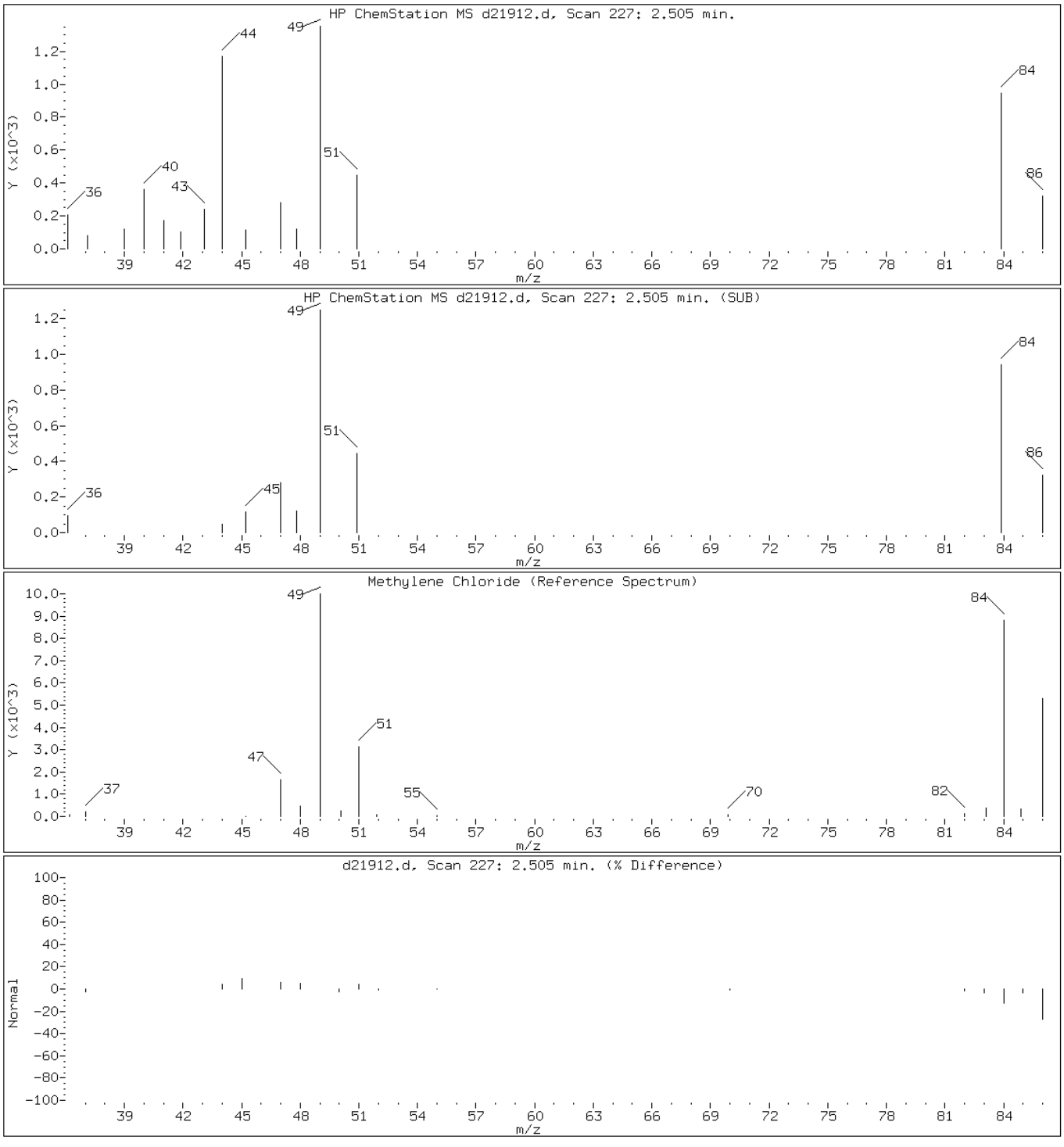
Data File: d21912.d

Date: 25-JUN-2012 14:44

Client ID: SF-14 Instrument: VOAMS4.i

Sample Info: 460-41492-B-14-A;;;5.47;5 Operator: VOAMS 9

6 Methylene Chloride



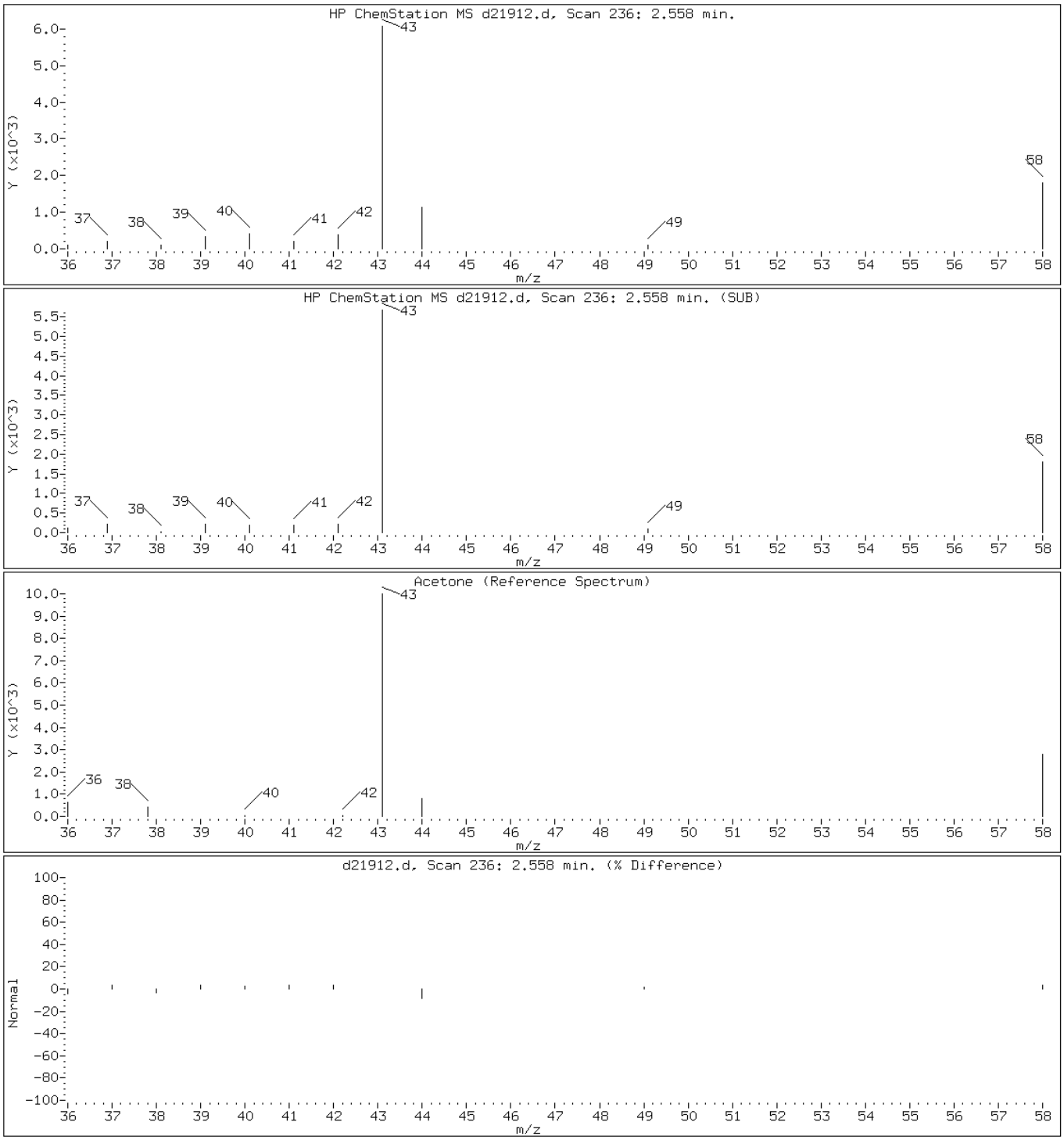
Data File: d21912.d

Date: 25-JUN-2012 14:44

Client ID: SF-14 Instrument: VOAMS4.i

Sample Info: 460-41492-B-14-A;;;5.47;5 Operator: VOAMS 9

7 Acetone



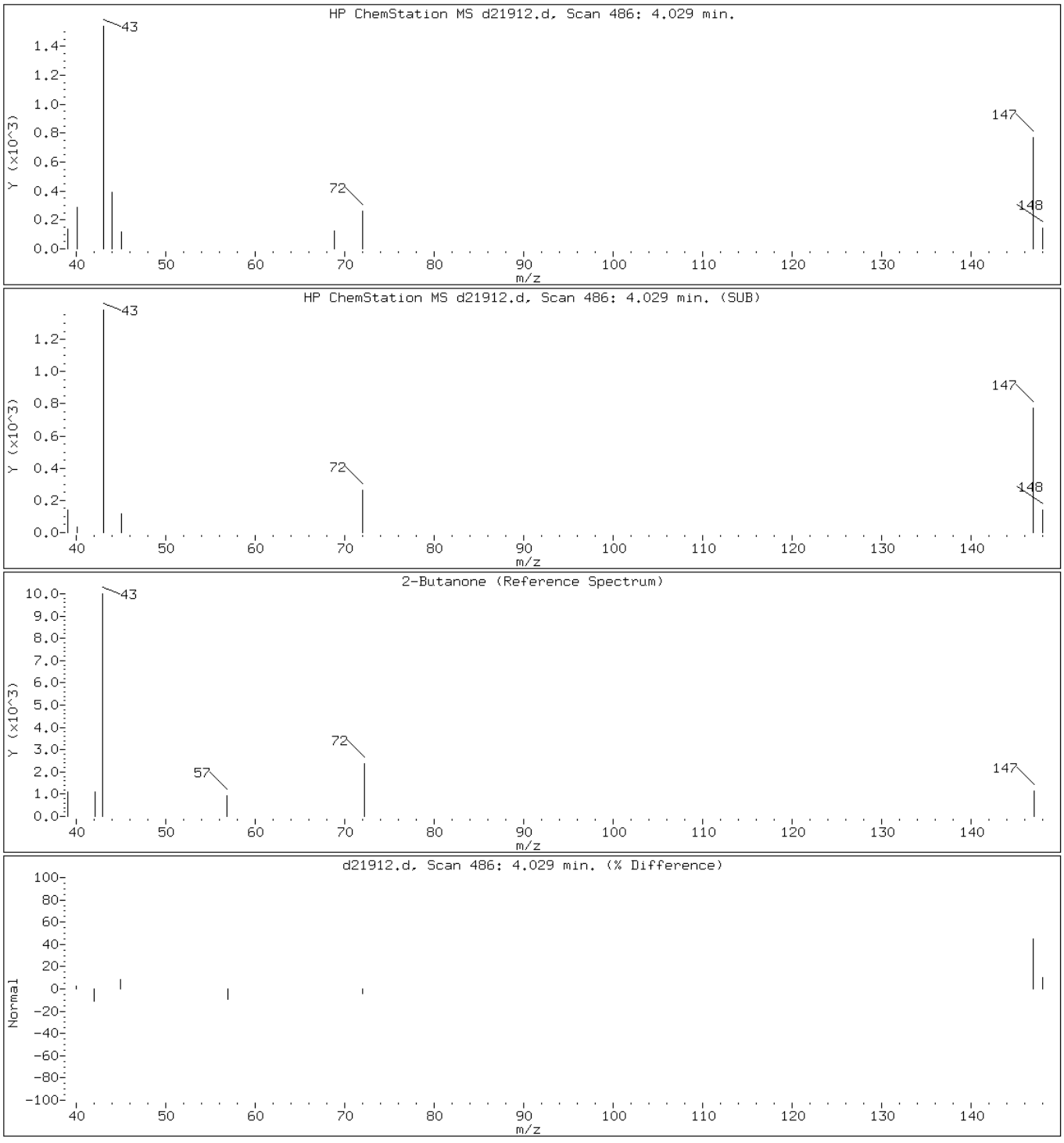
Data File: d21912.d

Date: 25-JUN-2012 14:44

Client ID: SF-14 Instrument: VOAMS4.i

Sample Info: 460-41492-B-14-A;;;5.47;5 Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: d21913.d

Analysis Method: 8260B | Date Collected: 06/18/2012 00:00

Sample wt/vol: 5.20(g) | Date Analyzed: 06/25/2012 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.5 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
75-00-3	Chloroethane	0.36	U	1.1	0.36
75-09-2	Methylene Chloride	0.49	J B	1.1	0.16
67-64-1	Acetone	30	B	11	1.8
1330-20-7	Xylenes, Total	0.73	U	3.3	0.73
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	5.3	J	11	0.68
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	1.1	0.35
123-91-1	1,4-Dioxane	14	U	54	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	1.0	J	11	0.22
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: d21913.d

Analysis Method: 8260B | Date Collected: 06/18/2012 00:00

Sample wt/vol: 5.20(g) | Date Analyzed: 06/25/2012 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.5 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C Lab Sample ID: 460-41492-15

Matrix: Solid Lab File ID: d21913.d

Analysis Method: 8260B Date Collected: 06/18/2012 00:00

Sample wt/vol: 5.20(g) Date Analyzed: 06/25/2012 15:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.5 Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21913.d
Report Date: 29-Jun-2012 14:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21913.d
Lab Smp Id: 460-41492-B-15-A Client Smp ID: FD-C
Inj Date : 25-JUN-2012 15:07
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-15-A;;;5.20;5
Misc Info : 460-41492-B-15-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.20000	Weight of sample extracted (g)
M	11.54562	% 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	2.558	2.552	(0.551)	23832	27.2405	30
	6 Methylene Chloride	84	2.517	2.505	(0.542)	1715	0.45443	0.49(a)
	18 2-Butanone	43	4.023	4.017	(0.867)	7047	4.86561	5.3(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	166914	44.3725	48
*	69 Fluorobenzene	96	4.640	4.635	(1.000)	678233	50.0000	
	33 4-Methyl-2-Pentanone	43	6.928	6.923	(1.493)	3116	0.96429	1.0(aH)
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	559844	46.2211	50
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	415917	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	182166	45.7888	50
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	215706	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21913.d
Report Date: 29-Jun-2012 14:31

QC Flag Legend

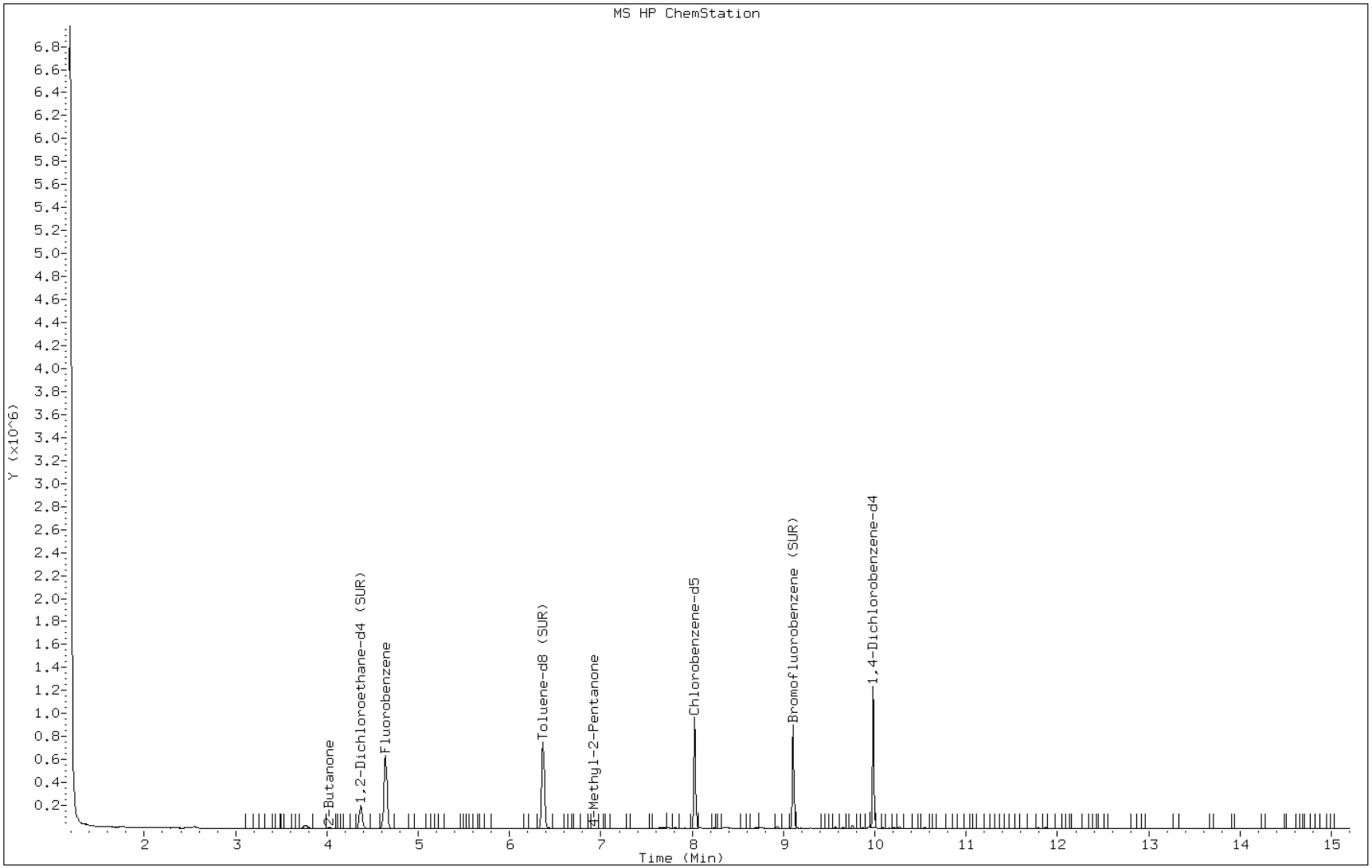
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21913.d

Date: 25-JUN-2012 15:07

Client ID: FD-C Instrument: VOAMS4.i

Sample Info: 460-41492-B-15-A;;;5.20;5 Operator: VOAMS 9



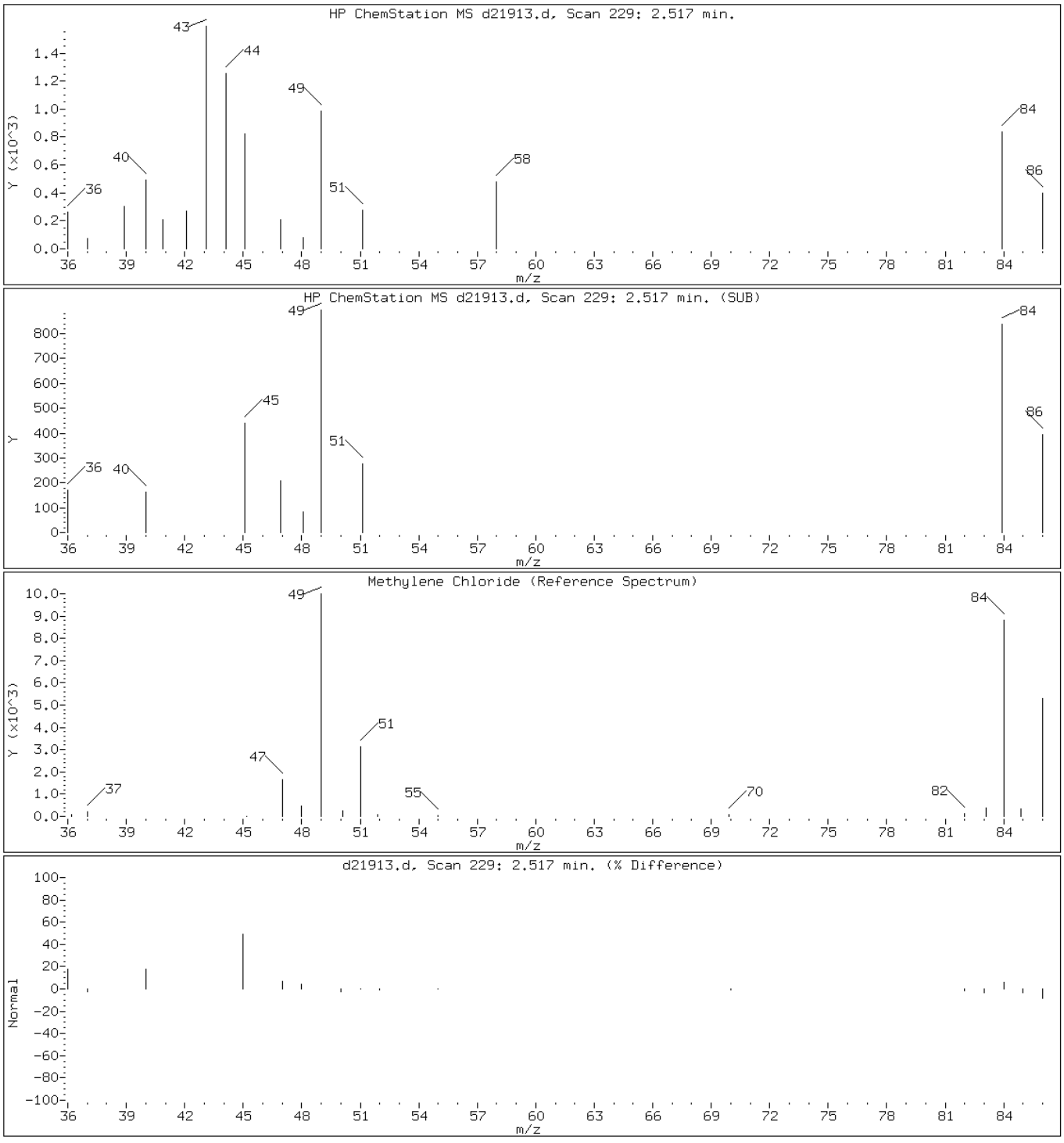
Data File: d21913.d

Date: 25-JUN-2012 15:07

Client ID: FD-C Instrument: VOAMS4.i

Sample Info: 460-41492-B-15-A;;;5.20;5 Operator: VOAMS 9

6 Methylene Chloride



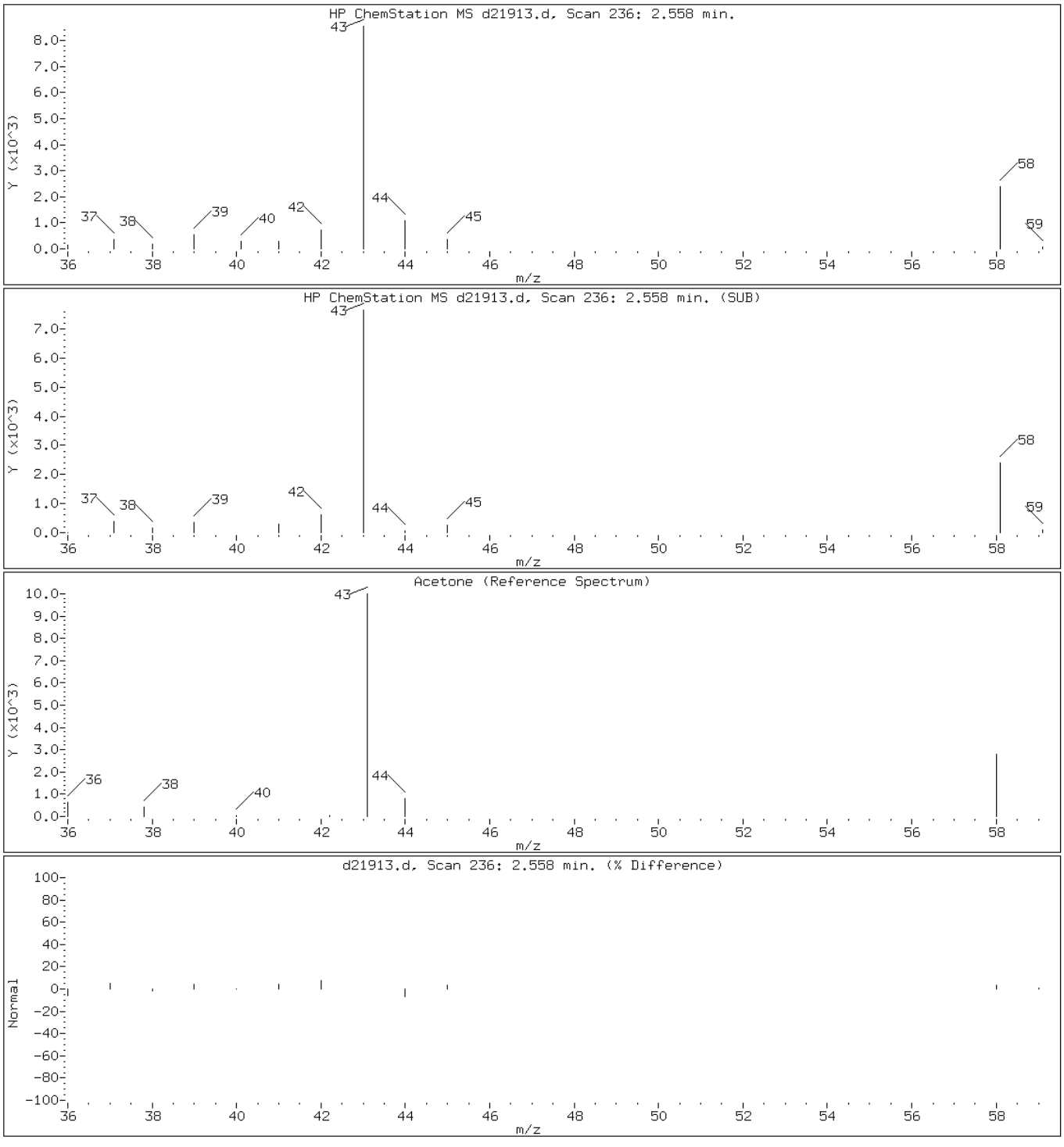
Data File: d21913.d

Date: 25-JUN-2012 15:07

Client ID: FD-C Instrument: VOAMS4.i

Sample Info: 460-41492-B-15-A;;;5.20;5 Operator: VOAMS 9

7 Acetone



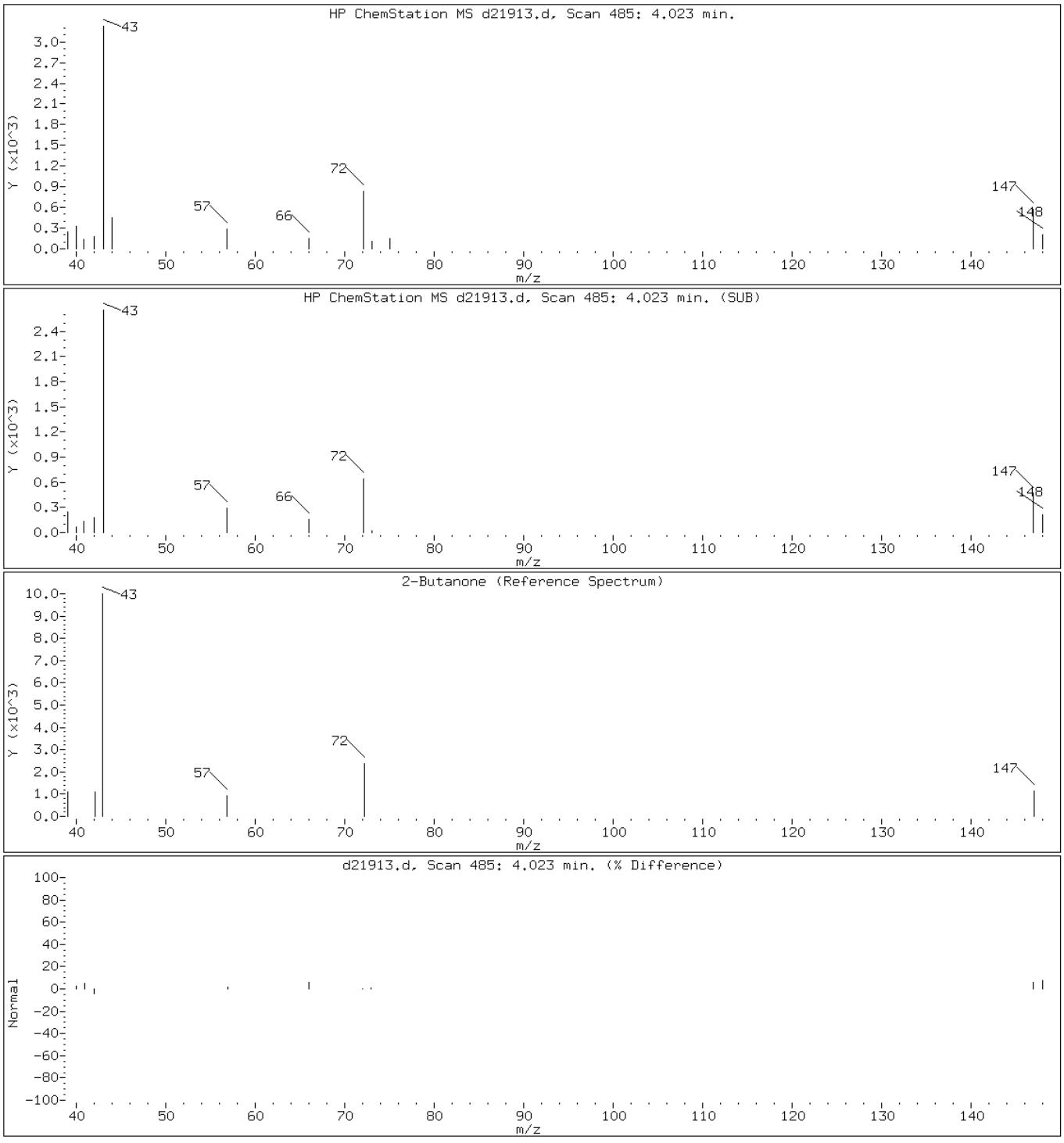
Data File: d21913.d

Date: 25-JUN-2012 15:07

Client ID: FD-C Instrument: VOAMS4.i

Sample Info: 460-41492-B-15-A;;;5.20;5 Operator: VOAMS 9

18 2-Butanone



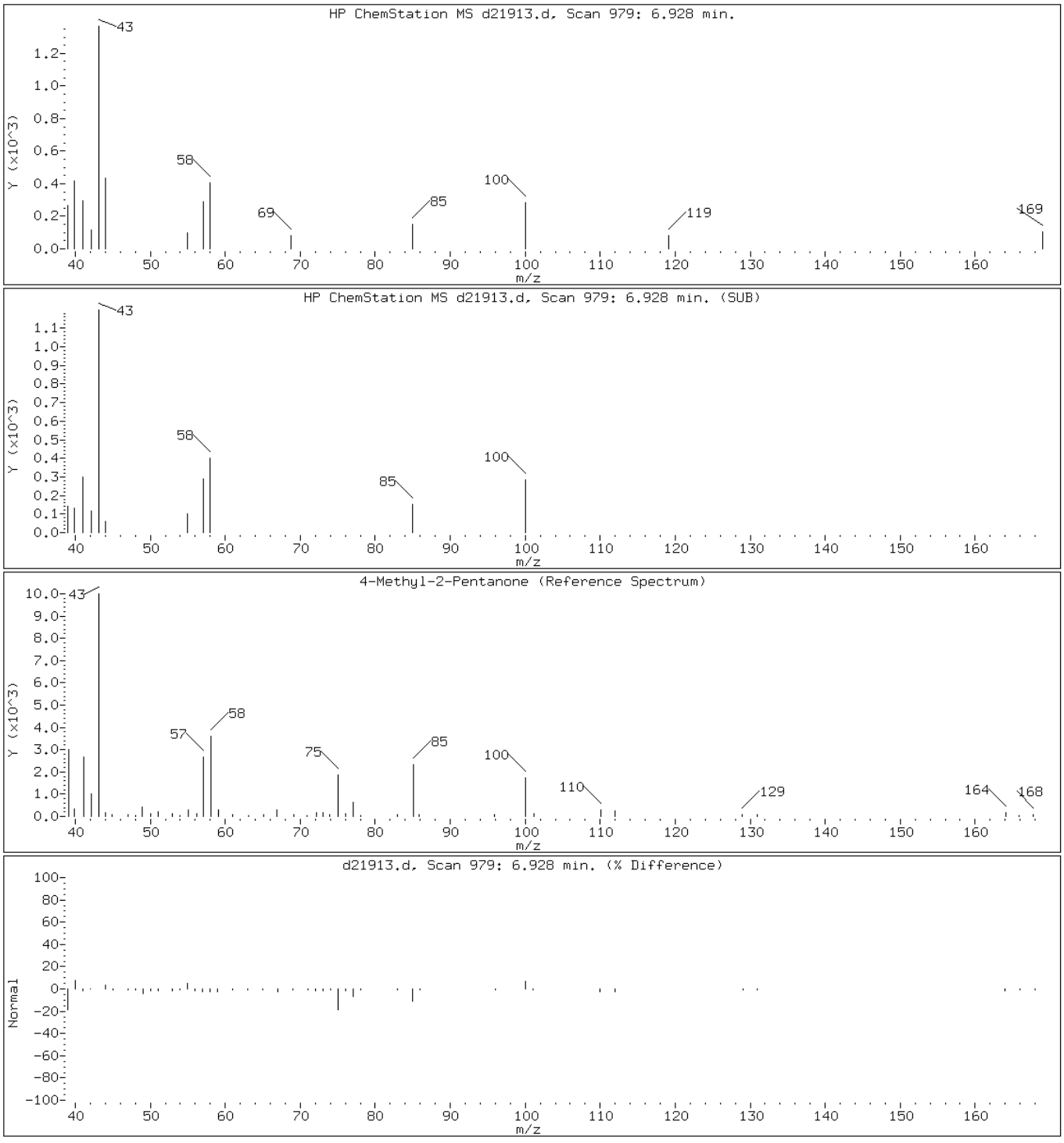
Data File: d21913.d

Date: 25-JUN-2012 15:07

Client ID: FD-C Instrument: VOAMS4.i

Sample Info: 460-41492-B-15-A;;;5.20;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: d21924.d

Analysis Method: 8260B | Date Collected: 06/18/2012 11:25

Sample wt/vol: 4.78(g) | Date Analyzed: 06/25/2012 19:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.53	J B	1.1	0.17
67-64-1	Acetone	3.5	J B	11	1.9
1330-20-7	Xylenes, Total	0.75	U	3.4	0.75
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.27	U	1.1	0.27
78-93-3	2-Butanone	0.71	U	11	0.71
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	11	0.15
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
123-91-1	1,4-Dioxane	14	U	56	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	U	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	11	0.22
10061-01-5	cis-1,3-Dichloropropene	0.16	U *	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: d21924.d

Analysis Method: 8260B | Date Collected: 06/18/2012 11:25

Sample wt/vol: 4.78(g) | Date Analyzed: 06/25/2012 19:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U *	1.1	0.49
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 Lab Sample ID: 460-41492-16

Matrix: Solid Lab File ID: d21924.d

Analysis Method: 8260B Date Collected: 06/18/2012 11:25

Sample wt/vol: 4.78(g) Date Analyzed: 06/25/2012 19:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 117463 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21924.d
Report Date: 26-Jun-2012 08:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21924.d
Lab Smp Id: 460-41492-B-16-A Client Smp ID: F-1
Inj Date : 25-JUN-2012 19:27
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-16-A;;;4.78;5
Misc Info : 460-41492-B-16-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.78000	Weight of sample extracted (g)
M	6.69078	% 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	2.564	2.552	(0.552)	2661	3.15247	3.5(a)
	6 Methylene Chloride	84	2.517	2.511	(0.542)	1723	0.47342	0.53(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.376	4.376	(0.942)	169055	46.5754	52
*	69 Fluorobenzene	96	4.646	4.641	(1.000)	654445	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	557351	49.0679	55
*	32 Chlorobenzene-d5	117	8.029	8.029	(1.000)	390042	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	174348	47.6462	53
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	198400	50.0000	

QC Flag Legend

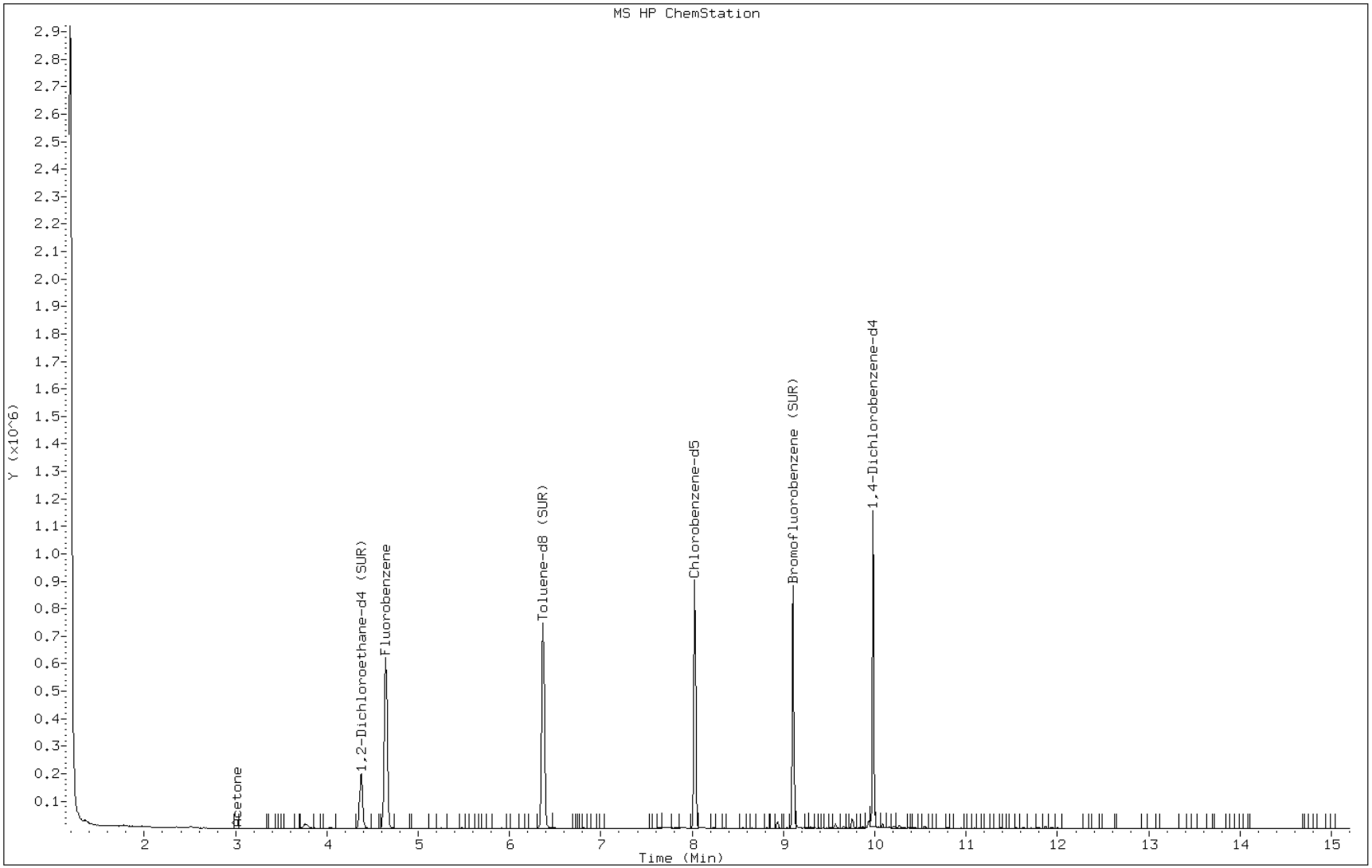
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21924.d

Date: 25-JUN-2012 19:27

Client ID: F-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-16-A;;;4.78;5 Operator: VOAMS 9



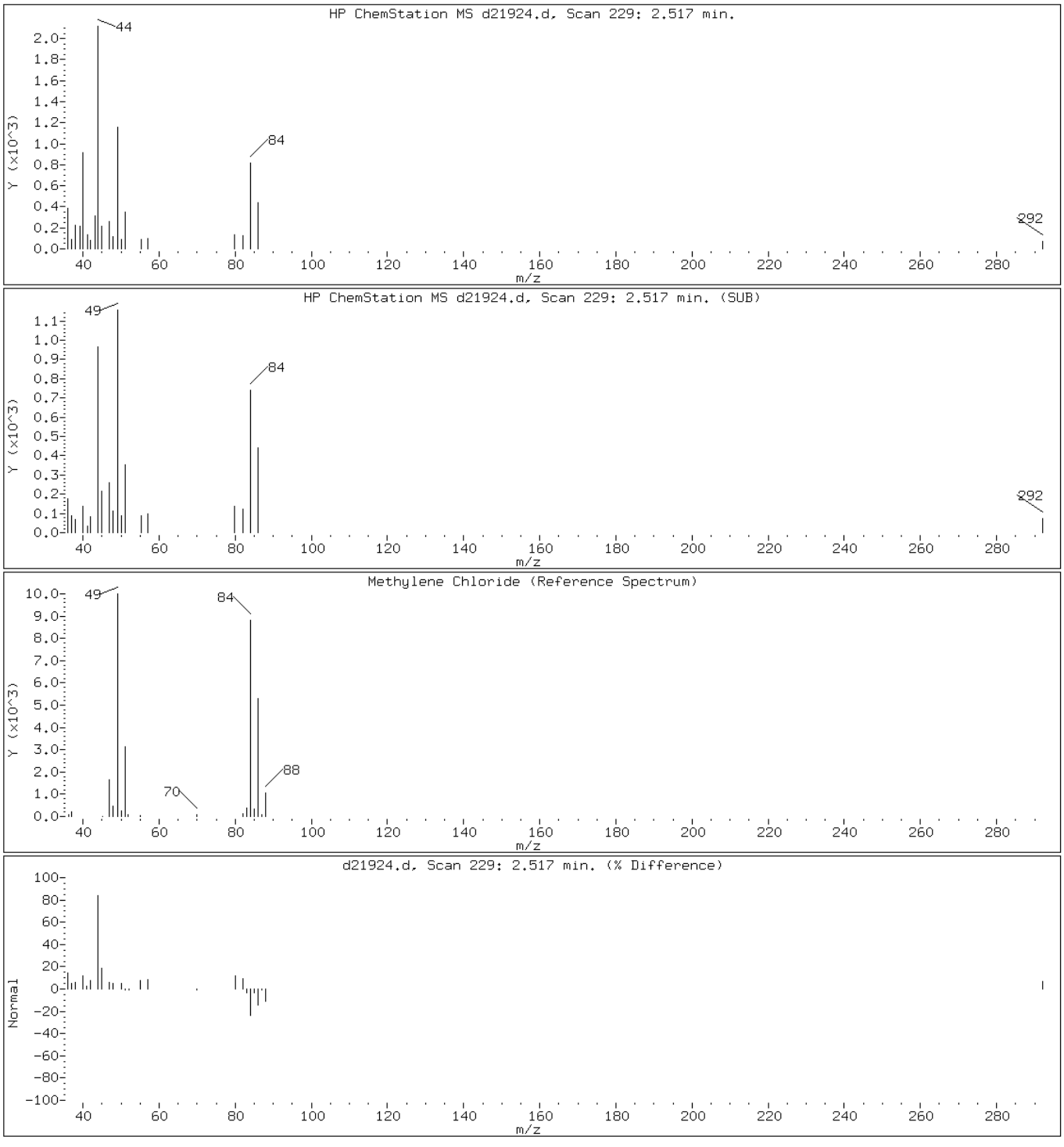
Data File: d21924.d

Date: 25-JUN-2012 19:27

Client ID: F-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-16-A;;;4.78;5 Operator: VOAMS 9

6 Methylene Chloride



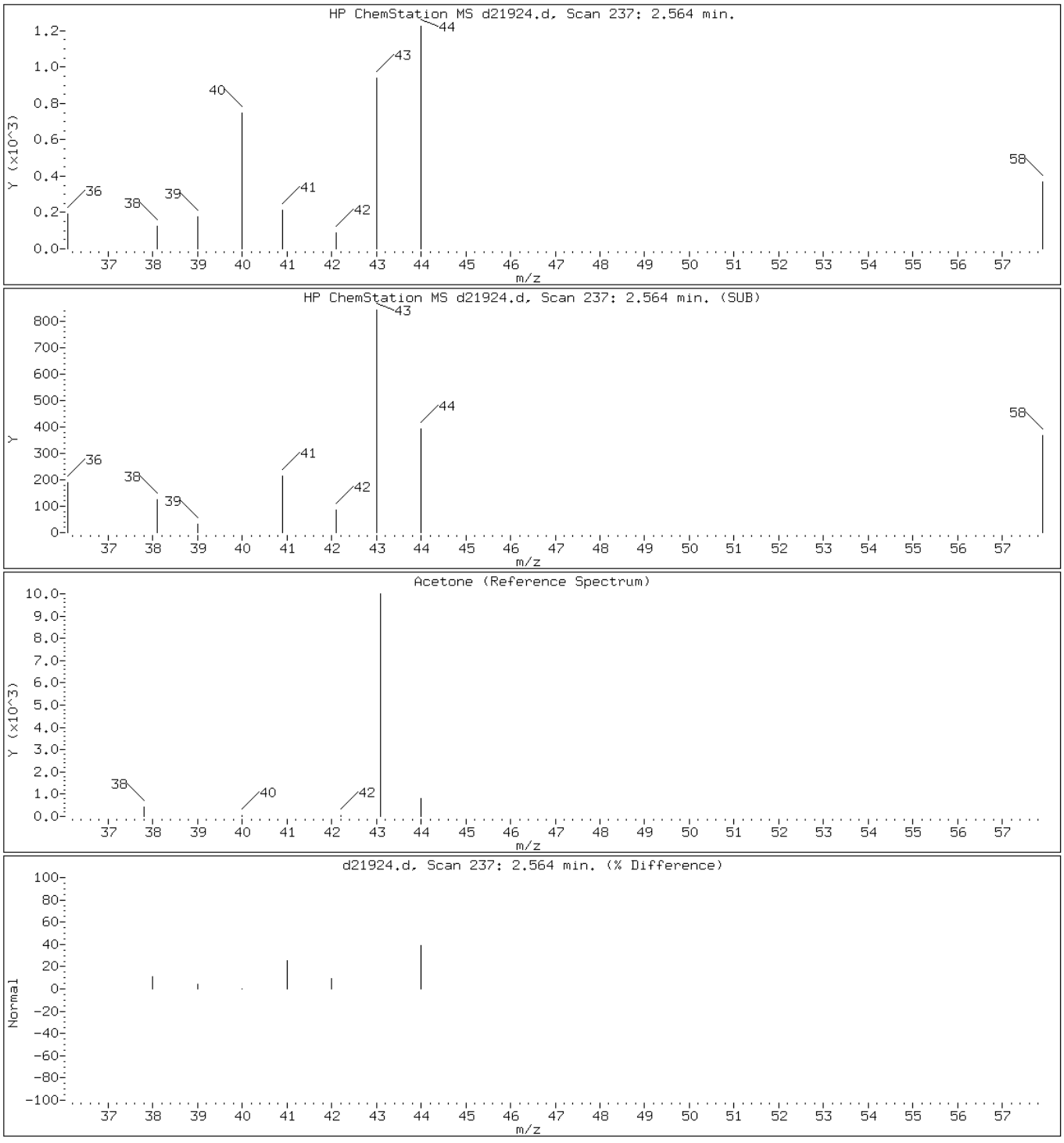
Data File: d21924.d

Date: 25-JUN-2012 19:27

Client ID: F-1 Instrument: VOAMS4.i

Sample Info: 460-41492-B-16-A;;;4.78;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: d21925.d

Analysis Method: 8260B | Date Collected: 06/18/2012 11:38

Sample wt/vol: 4.95(g) | Date Analyzed: 06/25/2012 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.49	U	1.1	0.49
75-01-4	Vinyl chloride	0.39	U	1.1	0.39
75-00-3	Chloroethane	0.38	U	1.1	0.38
75-09-2	Methylene Chloride	0.58	J B	1.1	0.17
67-64-1	Acetone	1.9	U	11	1.9
1330-20-7	Xylenes, Total	0.77	U	3.4	0.77
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.22	U	1.1	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.1	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.1	0.13
67-66-3	Chloroform	0.27	U	1.1	0.27
78-93-3	2-Butanone	0.72	U	11	0.72
107-06-2	1,2-Dichloroethane	0.21	U	1.1	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.32	U	1.1	0.32
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.21	U	1.1	0.21
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.13	U	1.1	0.13
591-78-6	2-Hexanone	0.15	U	11	0.15
1634-04-4	MTBE	0.13	U	1.1	0.13
76-13-1	Freon TF	0.13	U	1.1	0.13
79-20-9	Methyl acetate	0.37	U	1.1	0.37
123-91-1	1,4-Dioxane	15	U	57	15
79-01-6	Trichloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.16	U	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.23	U	11	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U *	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: d21925.d

Analysis Method: 8260B | Date Collected: 06/18/2012 11:38

Sample wt/vol: 4.95(g) | Date Analyzed: 06/25/2012 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.1	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U *	1.1	0.50
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
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.13	U	1.1	0.13
75-27-4	Bromodichloromethane	0.37	U	1.1	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: d21925.d

Analysis Method: 8260B | Date Collected: 06/18/2012 11:38

Sample wt/vol: 4.95(g) | Date Analyzed: 06/25/2012 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21925.d
Report Date: 26-Jun-2012 08:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21925.d
Lab Smp Id: 460-41492-B-17-A Client Smp ID: F-2
Inj Date : 25-JUN-2012 19:51
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-17-A;;;4.95;5
Misc Info : 460-41492-B-17-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.95000	Weight of sample extracted (g)
M	11.68582	% 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	2.517	2.511	(0.542)	1804	0.50861	0.58(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	156177	44.1754	50
* 69 Fluorobenzene	96	4.640	4.641	(1.000)	637436	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	528732	45.1045	52
* 32 Chlorobenzene-d5	117	8.028	8.029	(1.000)	402527	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	170684	43.7321	50
* 91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	211615	50.0000	

QC Flag Legend

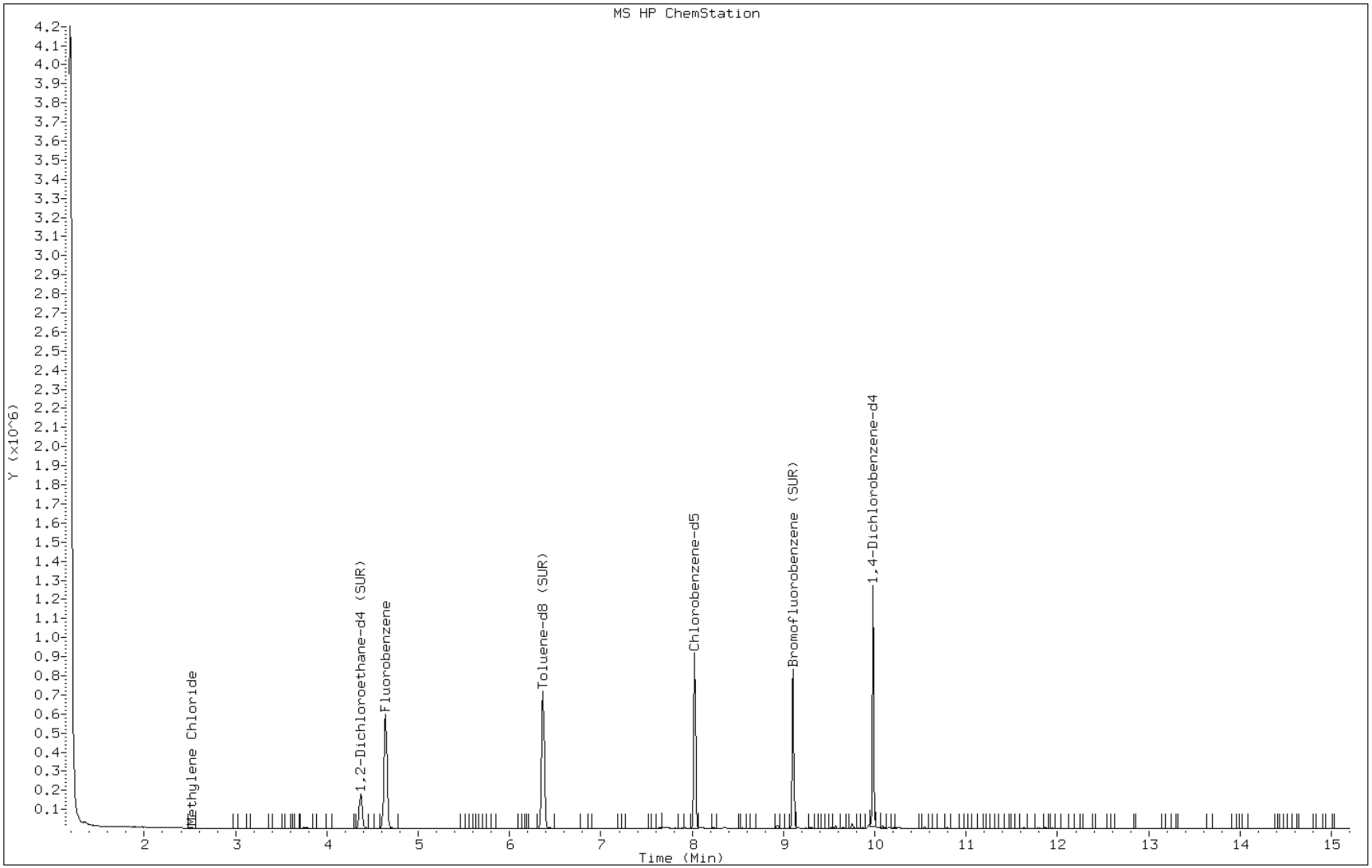
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21925.d

Date: 25-JUN-2012 19:51

Client ID: F-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-17-A;;;4.95;5 Operator: VOAMS 9



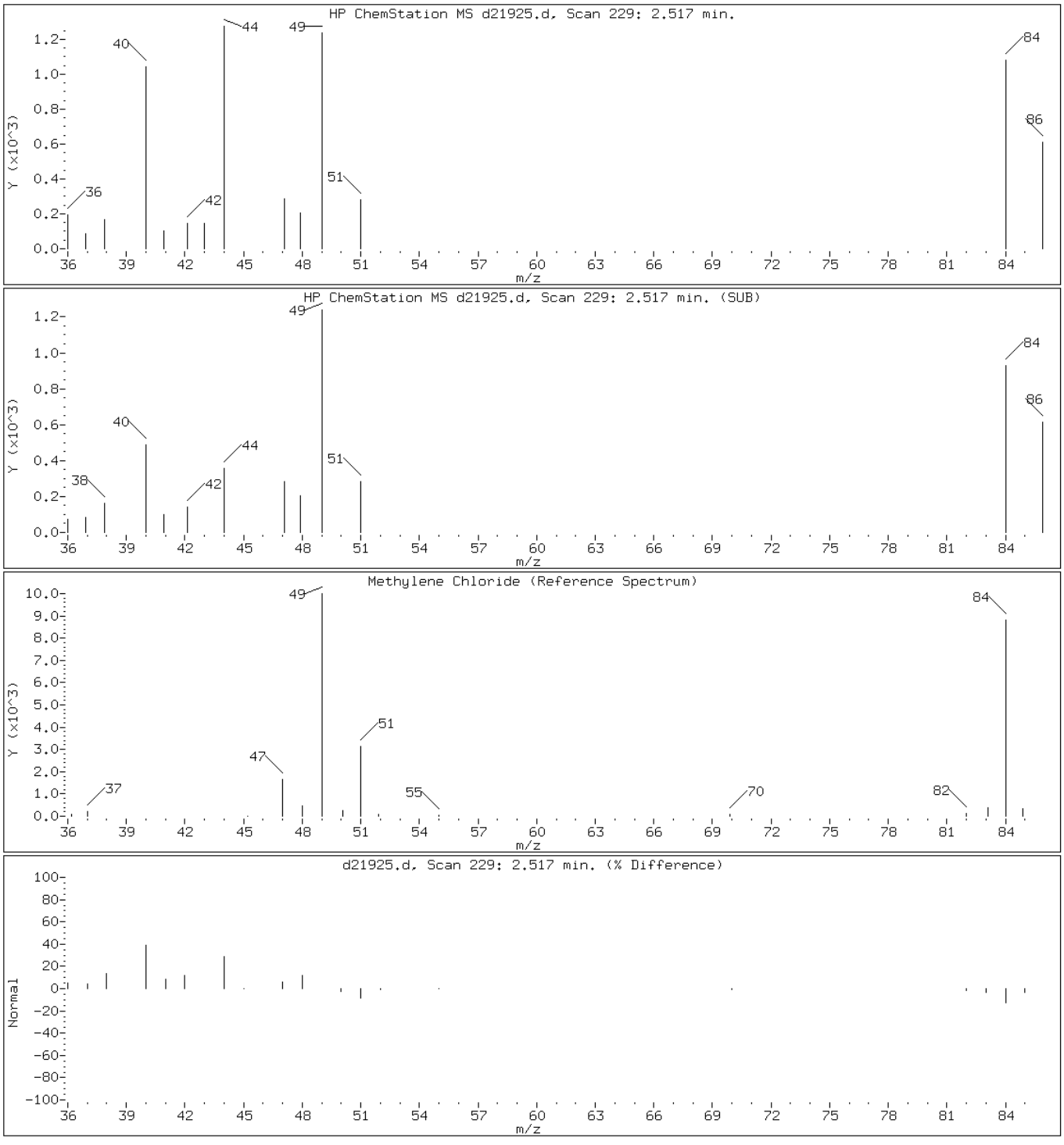
Data File: d21925.d

Date: 25-JUN-2012 19:51

Client ID: F-2 Instrument: VOAMS4.i

Sample Info: 460-41492-B-17-A;;;4.95;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: d21926.d

Analysis Method: 8260B | Date Collected: 06/18/2012 14:15

Sample wt/vol: 5.16(g) | Date Analyzed: 06/25/2012 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.2 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.3	0.20
74-83-9	Bromomethane	0.54	U	1.3	0.54
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
75-00-3	Chloroethane	0.42	U	1.3	0.42
75-09-2	Methylene Chloride	0.72	J B	1.3	0.19
67-64-1	Acetone	4.9	J B	13	2.1
1330-20-7	Xylenes, Total	0.85	U	3.8	0.85
75-15-0	Carbon disulfide	0.19	U	1.3	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.3	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.30	U	1.3	0.30
78-93-3	2-Butanone	0.79	U	13	0.79
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
71-55-6	1,1,1-Trichloroethane	0.16	U	1.3	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
71-43-2	Benzene	0.19	U	1.3	0.19
75-25-2	Bromoform	0.21	U	1.3	0.21
100-42-5	Styrene	0.35	U	1.3	0.35
100-41-4	Ethylbenzene	0.21	U	1.3	0.21
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
110-82-7	Cyclohexane	0.16	U	1.3	0.16
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
591-78-6	2-Hexanone	0.16	U	13	0.16
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.40	U	1.3	0.40
123-91-1	1,4-Dioxane	16	U	63	16
79-01-6	Trichloroethene	0.15	U	1.3	0.15
108-88-3	Toluene	0.18	U	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.25	U	13	0.25
10061-01-5	cis-1,3-Dichloropropene	0.18	U *	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: d21926.d

Analysis Method: 8260B | Date Collected: 06/18/2012 14:15

Sample wt/vol: 5.16(g) | Date Analyzed: 06/25/2012 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.2 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.3	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	0.28	J	1.3	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U *	1.3	0.55
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
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.40	U	1.3	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 Lab Sample ID: 460-41492-19

Matrix: Solid Lab File ID: d21926.d

Analysis Method: 8260B Date Collected: 06/18/2012 14:15

Sample wt/vol: 5.16(g) Date Analyzed: 06/25/2012 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.2 Level: (low/med) Low

Analysis Batch No.: 117463 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21926.d
Report Date: 26-Jun-2012 08:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21926.d
Lab Smp Id: 460-41492-B-19-A Client Smp ID: F-4
Inj Date : 25-JUN-2012 20:14
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-19-A;;;5.16;5
Misc Info : 460-41492-B-19-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.16000	Weight of sample extracted (g)
M	23.17291	% 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	2.558	2.552	(0.551)	3125	3.88292	4.9(a)
	6 Methylene Chloride	84	2.511	2.511	(0.541)	1994	0.57436	0.72(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	160628	46.4192	58
*	69 Fluorobenzene	96	4.641	4.641	(1.000)	623913	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	533190	46.4370	58
	35 Tetrachloroethene	166	6.888	6.876	(0.858)	875	0.22158	0.28(a)
*	32 Chlorobenzene-d5	117	8.023	8.029	(1.000)	394273	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	171033	45.4533	57
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	204018	50.0000	

QC Flag Legend

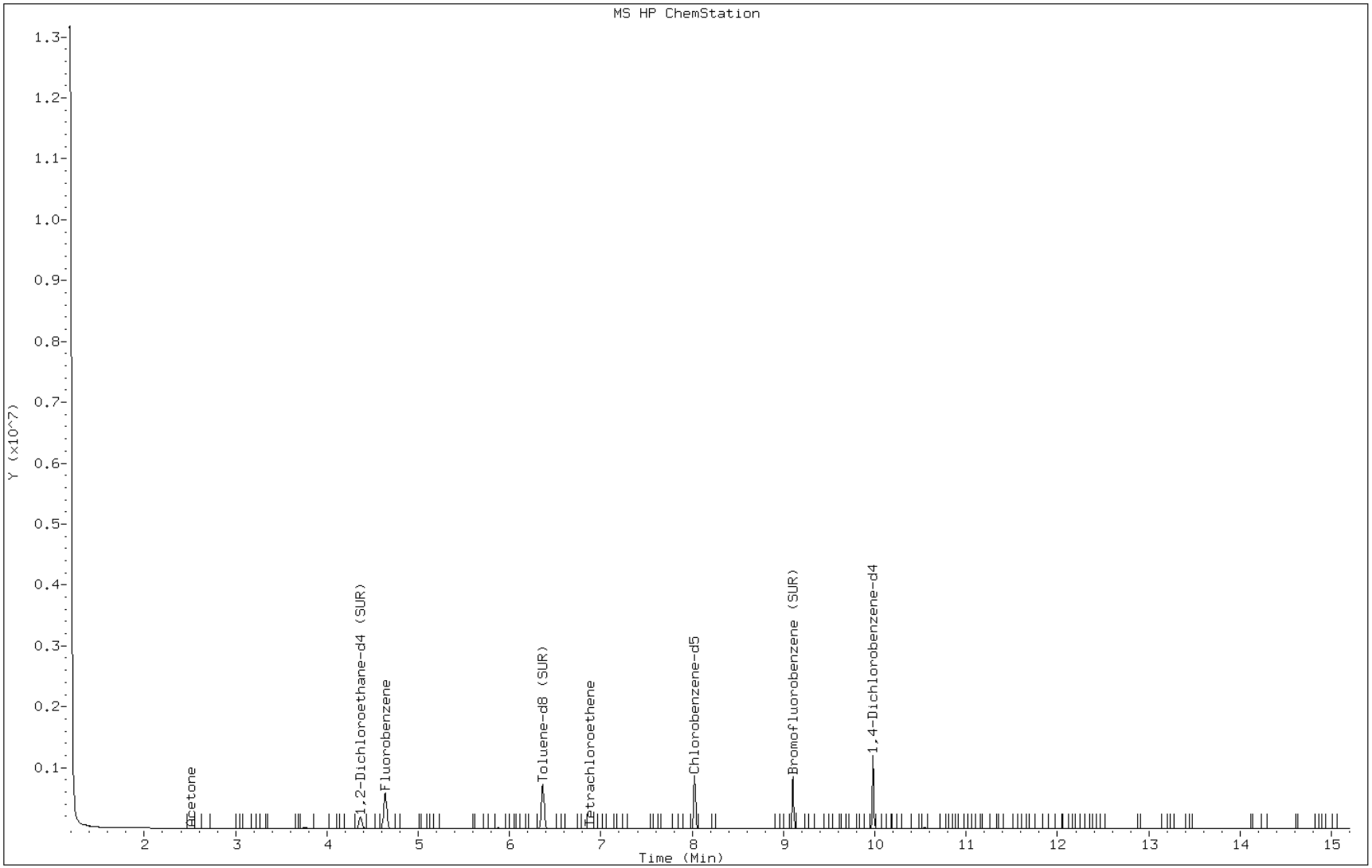
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21926.d

Date: 25-JUN-2012 20:14

Client ID: F-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-19-A;;;5.16;5 Operator: VOAMS 9



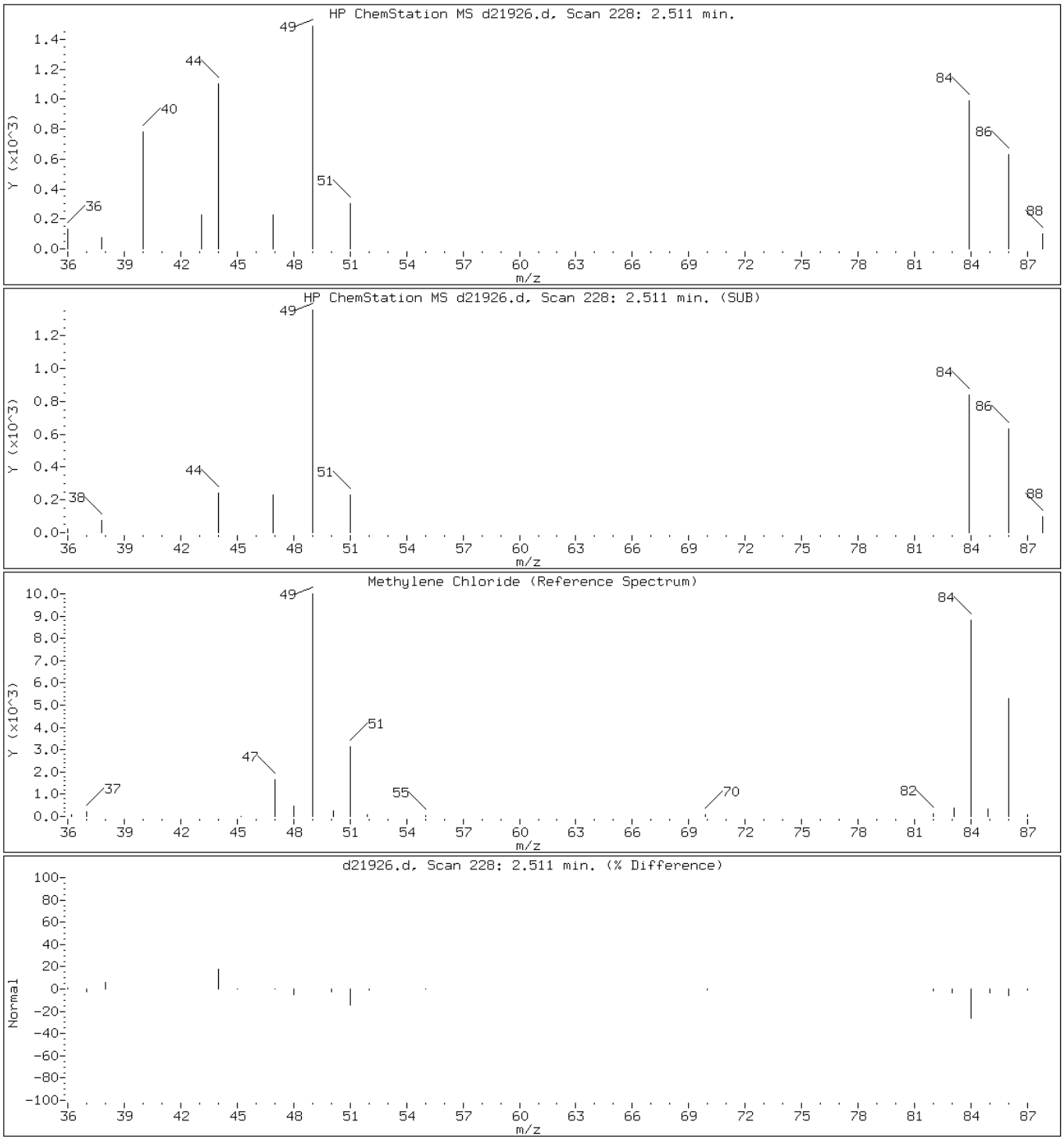
Data File: d21926.d

Date: 25-JUN-2012 20:14

Client ID: F-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-19-A;;;5.16;5 Operator: VOAMS 9

6 Methylene Chloride



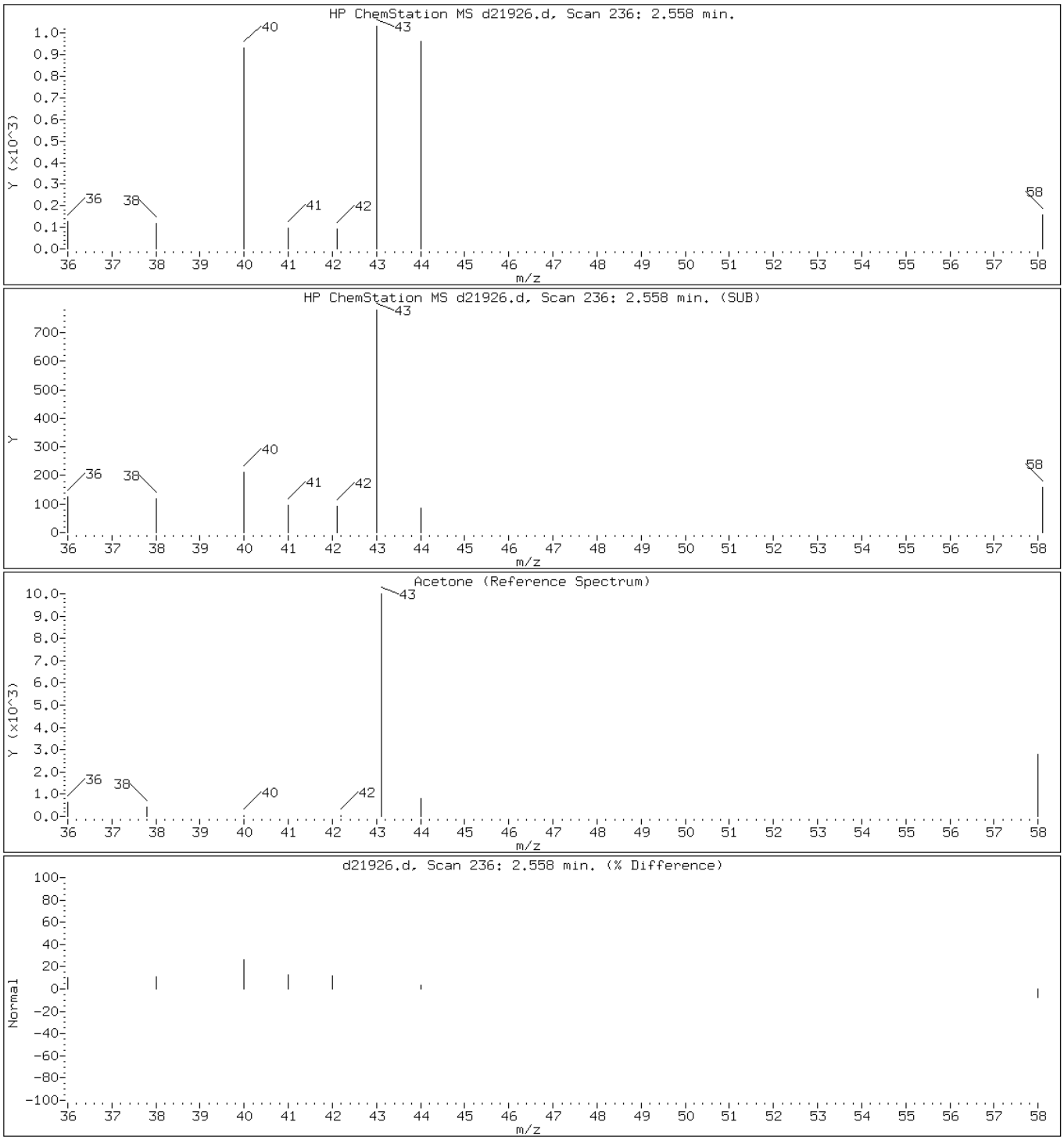
Data File: d21926.d

Date: 25-JUN-2012 20:14

Client ID: F-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-19-A;;;5.16;5 Operator: VOAMS 9

7 Acetone



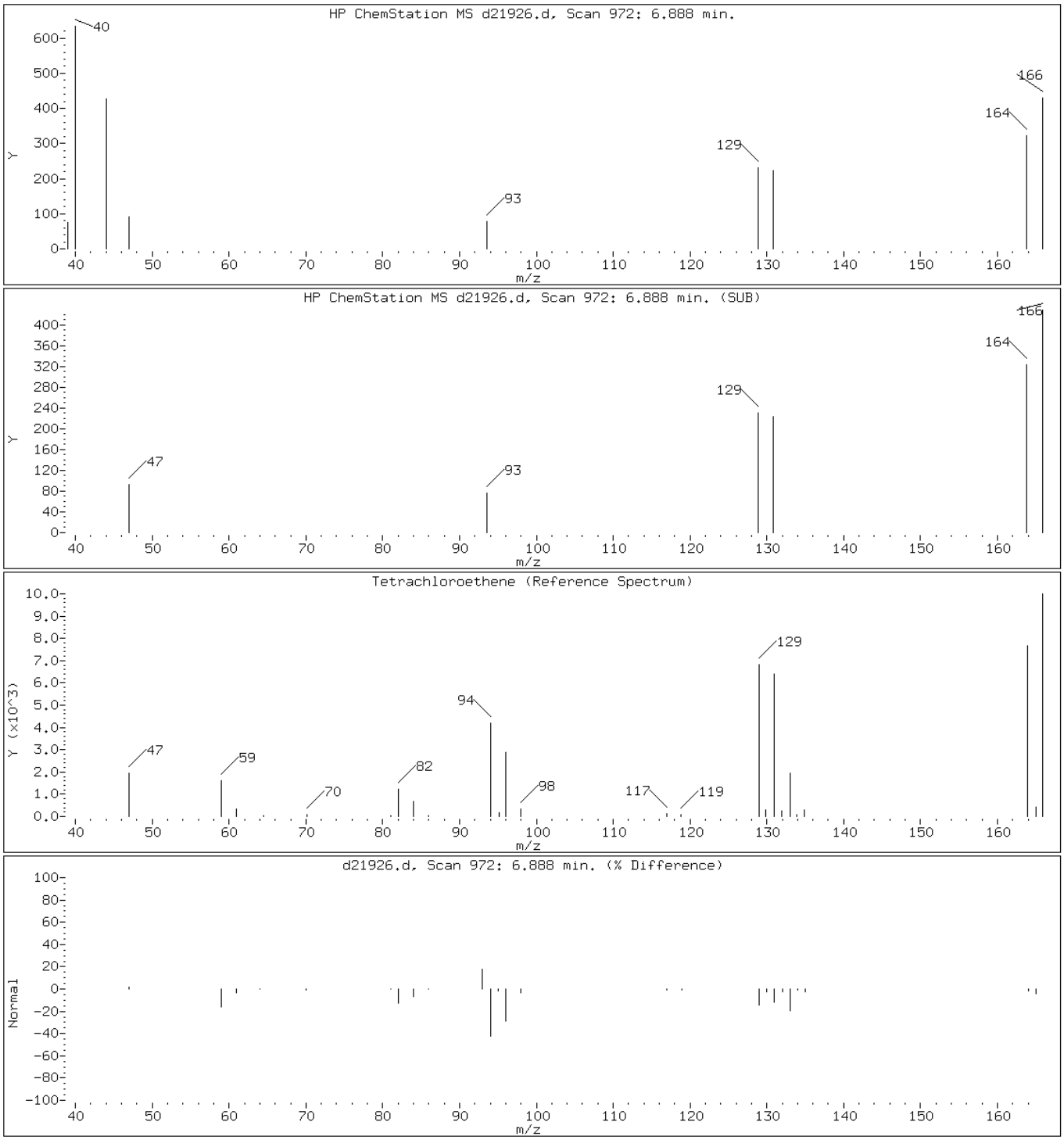
Data File: d21926.d

Date: 25-JUN-2012 20:14

Client ID: F-4 Instrument: VOAMS4.i

Sample Info: 460-41492-B-19-A;;;5.16;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: d21927.d

Analysis Method: 8260B | Date Collected: 06/19/2012 10:30

Sample wt/vol: 3.91(g) | Date Analyzed: 06/25/2012 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.62	U	1.4	0.62
75-01-4	Vinyl chloride	0.49	U	1.4	0.49
75-00-3	Chloroethane	0.48	U	1.4	0.48
75-09-2	Methylene Chloride	0.54	J B	1.4	0.22
67-64-1	Acetone	5.8	J B	14	2.4
1330-20-7	Xylenes, Total	0.97	U	4.3	0.97
75-15-0	Carbon disulfide	0.22	U	1.4	0.22
75-69-4	Trichlorofluoromethane	0.23	U	1.4	0.23
75-35-4	1,1-Dichloroethene	0.28	U	1.4	0.28
75-34-3	1,1-Dichloroethane	0.16	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	0.19	U	1.4	0.19
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.4	0.16
67-66-3	Chloroform	0.35	U	1.4	0.35
78-93-3	2-Butanone	0.91	U	14	0.91
107-06-2	1,2-Dichloroethane	0.26	U	1.4	0.26
71-55-6	1,1,1-Trichloroethane	0.19	U	1.4	0.19
56-23-5	Carbon tetrachloride	0.22	U	1.4	0.22
71-43-2	Benzene	0.22	U	1.4	0.22
75-25-2	Bromoform	0.25	U	1.4	0.25
100-42-5	Styrene	0.41	U	1.4	0.41
100-41-4	Ethylbenzene	0.25	U	1.4	0.25
108-90-7	Chlorobenzene	0.26	U	1.4	0.26
110-82-7	Cyclohexane	0.19	U	1.4	0.19
98-82-8	Isopropylbenzene	0.16	U	1.4	0.16
591-78-6	2-Hexanone	0.19	U	14	0.19
1634-04-4	MTBE	0.16	U	1.4	0.16
76-13-1	Freon TF	0.16	U	1.4	0.16
79-20-9	Methyl acetate	0.46	U	1.4	0.46
123-91-1	1,4-Dioxane	18	U	72	18
79-01-6	Trichloroethene	0.17	U	1.4	0.17
108-88-3	Toluene	0.20	U	1.4	0.20
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	0.29	U	14	0.29
10061-01-5	cis-1,3-Dichloropropene	0.20	U *	1.4	0.20
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: d21927.d

Analysis Method: 8260B | Date Collected: 06/19/2012 10:30

Sample wt/vol: 3.91(g) | Date Analyzed: 06/25/2012 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	0.23	U	1.4	0.23
106-46-7	1,4-Dichlorobenzene	0.16	U	1.4	0.16
120-82-1	1,2,4-Trichlorobenzene	0.28	U	1.4	0.28
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.4	0.23
78-87-5	1,2-Dichloropropane	0.22	U	1.4	0.22
108-87-2	Methylcyclohexane	0.14	U	1.4	0.14
127-18-4	Tetrachloroethene	0.17	U	1.4	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	0.64	U *	1.4	0.64
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.4	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.4	0.20
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
106-93-4	1,2-Dibromoethane	0.22	U	1.4	0.22
75-71-8	Dichlorodifluoromethane	0.32	U	1.4	0.32
74-97-5	Bromochloromethane	0.16	U	1.4	0.16
75-27-4	Bromodichloromethane	0.46	U	1.4	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 Lab Sample ID: 460-41492-20

Matrix: Solid Lab File ID: d21927.d

Analysis Method: 8260B Date Collected: 06/19/2012 10:30

Sample wt/vol: 3.91(g) Date Analyzed: 06/25/2012 20:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 117463 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21927.d
Report Date: 26-Jun-2012 08:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21927.d
Lab Smp Id: 460-41492-B-20-A Client Smp ID: F-5
Inj Date : 25-JUN-2012 20:38
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-20-A;;;3.91;5
Misc Info : 460-41492-B-20-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	3.91000	Weight of sample extracted (g)
M	11.71329	% 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	2.558	2.552	(0.551)	3309	3.99725	5.8(a)
6 Methylene Chloride	84	2.511	2.511	(0.540)	1330	0.37265	0.54(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.940)	160524	45.0965	65
* 69 Fluorobenzene	96	4.646	4.641	(1.000)	641797	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	543693	47.9782	69
* 32 Chlorobenzene-d5	117	8.029	8.029	(1.000)	389125	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	171812	46.4370	67
* 91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	200606	50.0000	

QC Flag Legend

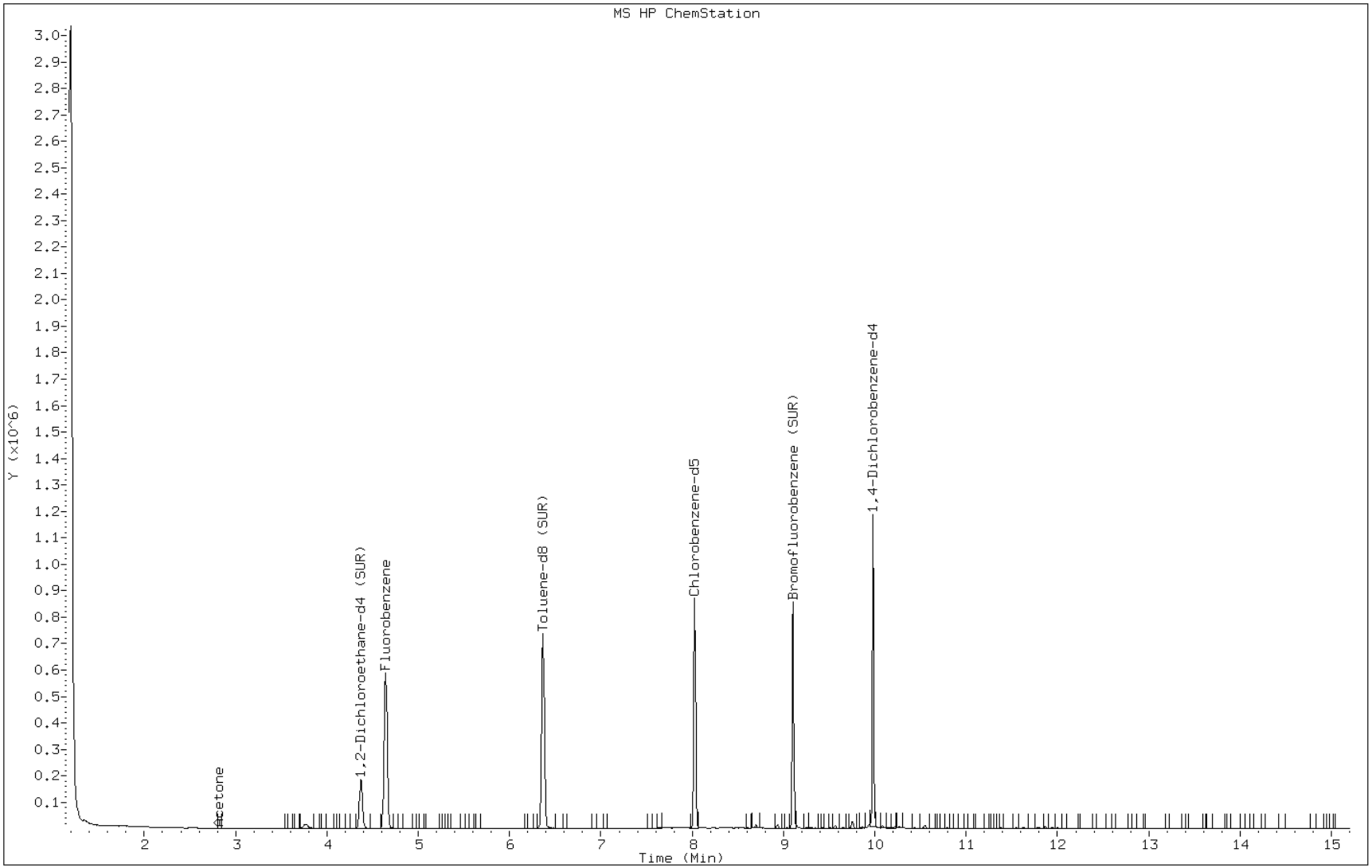
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21927.d

Date: 25-JUN-2012 20:38

Client ID: F-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-20-A;;;3.91;5 Operator: VOAMS 9



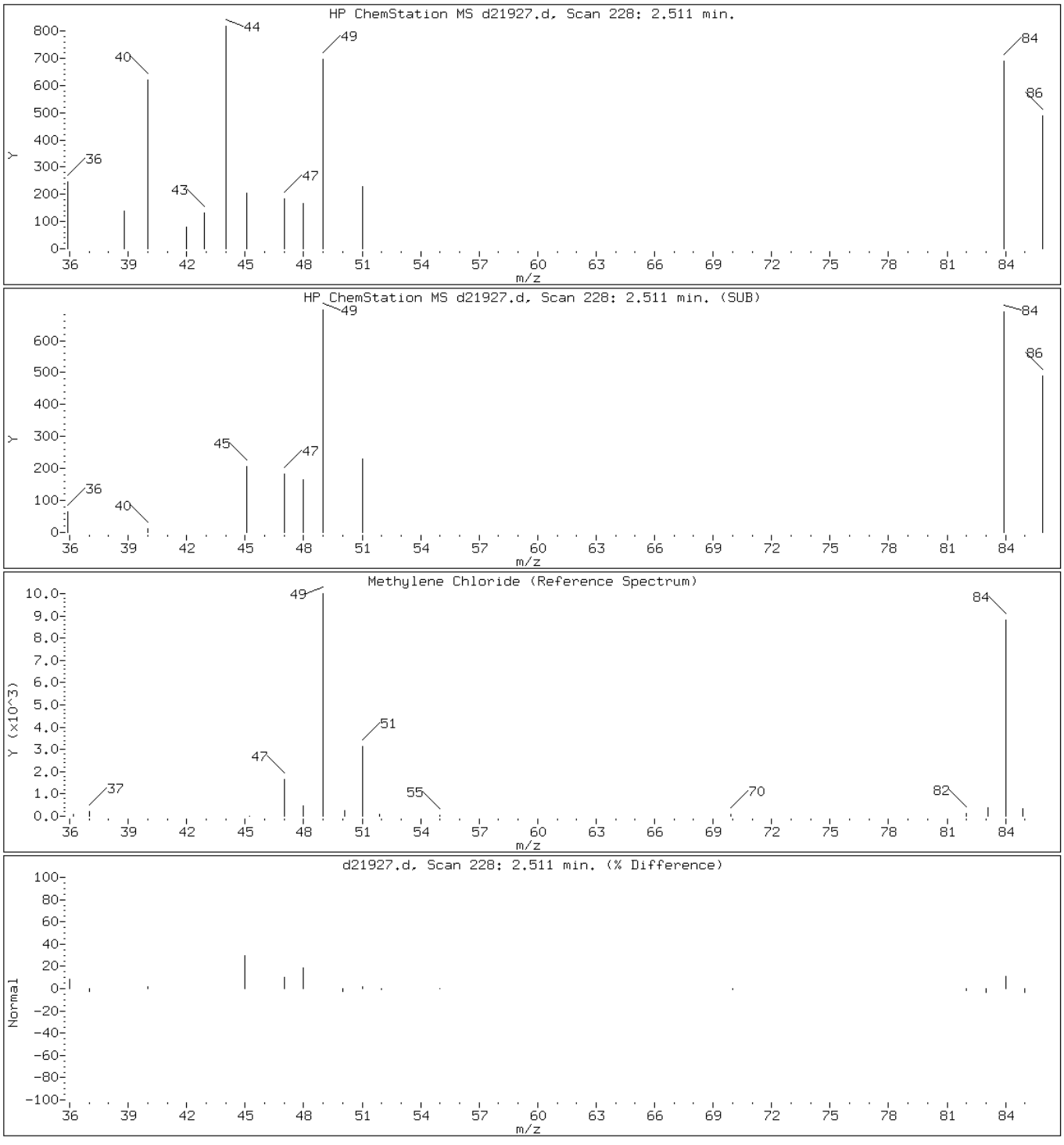
Data File: d21927.d

Date: 25-JUN-2012 20:38

Client ID: F-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-20-A;;;3.91;5 Operator: VOAMS 9

6 Methylene Chloride



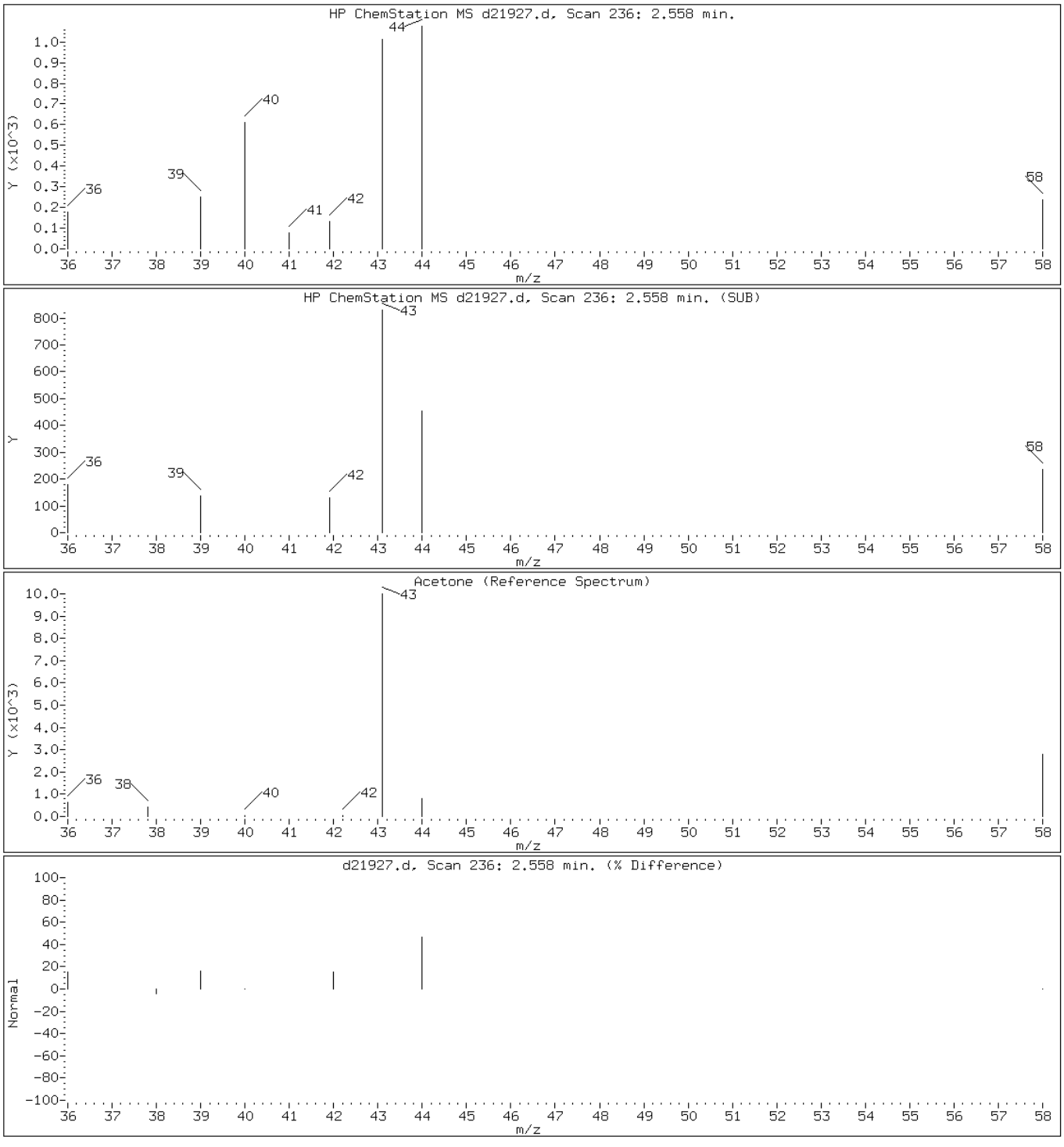
Data File: d21927.d

Date: 25-JUN-2012 20:38

Client ID: F-5 Instrument: VOAMS4.i

Sample Info: 460-41492-B-20-A;;;3.91;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: o61608.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 3.74(g) | Date Analyzed: 06/27/2012 20:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.25	U	1.5	0.25
74-83-9	Bromomethane	0.66	U	1.5	0.66
75-01-4	Vinyl chloride	0.52	U	1.5	0.52
75-00-3	Chloroethane	0.51	U	1.5	0.51
75-09-2	Methylene Chloride	0.92	J B	1.5	0.23
67-64-1	Acetone	2.6	U	15	2.6
1330-20-7	Xylenes, Total	1.0	U	4.6	1.0
75-15-0	Carbon disulfide	0.23	U	1.5	0.23
75-69-4	Trichlorofluoromethane	0.25	U	1.5	0.25
75-35-4	1,1-Dichloroethene	0.29	U	1.5	0.29
75-34-3	1,1-Dichloroethane	0.17	U	1.5	0.17
156-60-5	trans-1,2-Dichloroethene	0.20	U	1.5	0.20
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.5	0.17
67-66-3	Chloroform	0.37	U	1.5	0.37
78-93-3	2-Butanone	0.97	U	15	0.97
107-06-2	1,2-Dichloroethane	0.28	U	1.5	0.28
71-55-6	1,1,1-Trichloroethane	0.20	U	1.5	0.20
56-23-5	Carbon tetrachloride	0.23	U	1.5	0.23
71-43-2	Benzene	0.23	U	1.5	0.23
75-25-2	Bromoform	0.26	U	1.5	0.26
100-42-5	Styrene	0.43	U	1.5	0.43
100-41-4	Ethylbenzene	0.26	U	1.5	0.26
108-90-7	Chlorobenzene	0.28	U	1.5	0.28
110-82-7	Cyclohexane	0.20	U	1.5	0.20
98-82-8	Isopropylbenzene	0.17	U	1.5	0.17
591-78-6	2-Hexanone	0.20	U	15	0.20
1634-04-4	MTBE	0.17	U	1.5	0.17
76-13-1	Freon TF	0.17	U	1.5	0.17
79-20-9	Methyl acetate	0.49	U	1.5	0.49
123-91-1	1,4-Dioxane	20	U	77	20
79-01-6	Trichloroethene	0.18	U	1.5	0.18
108-88-3	Toluene	0.22	U	1.5	0.22
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
108-10-1	4-Methyl-2-pentanone	0.31	U	15	0.31
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.5	0.22
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: o61608.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 3.74(g) | Date Analyzed: 06/27/2012 20:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	0.25	U	1.5	0.25
106-46-7	1,4-Dichlorobenzene	0.17	U	1.5	0.17
120-82-1	1,2,4-Trichlorobenzene	0.29	U	1.5	0.29
87-61-6	1,2,3-Trichlorobenzene	0.25	U	1.5	0.25
78-87-5	1,2-Dichloropropane	0.23	U	1.5	0.23
108-87-2	Methylcyclohexane	0.15	U	1.5	0.15
127-18-4	Tetrachloroethene	0.18	U	1.5	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.68	U	1.5	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.5	0.14
79-00-5	1,1,2-Trichloroethane	0.22	U	1.5	0.22
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
106-93-4	1,2-Dibromoethane	0.23	U	1.5	0.23
75-71-8	Dichlorodifluoromethane	0.34	U	1.5	0.34
74-97-5	Bromochloromethane	0.17	U	1.5	0.17
75-27-4	Bromodichloromethane	0.49	U	1.5	0.49

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 Lab Sample ID: 460-41492-21

Matrix: Solid Lab File ID: o61608.d

Analysis Method: 8260B Date Collected: 06/19/2012 14:25

Sample wt/vol: 3.74(g) Date Analyzed: 06/27/2012 20:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 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/o61608.d
Report Date: 28-Jun-2012 08:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61608.d
Lab Smp Id: 460-41492-B-21-A Client Smp ID: F-6
Inj Date : 27-JUN-2012 20:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41492-B-21-A;;;3.74;5
Misc Info : 460-41492-B-21-A
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: 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	3.74000	Weight of sample extracted (g)
M	13.01115	% 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)	3085	0.59537	0.92(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	214238	52.7025	81
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	821824	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.740)	691276	49.1881	76
* 32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	638075	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	259152	50.2272	77
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	379498	50.0000	

QC Flag Legend

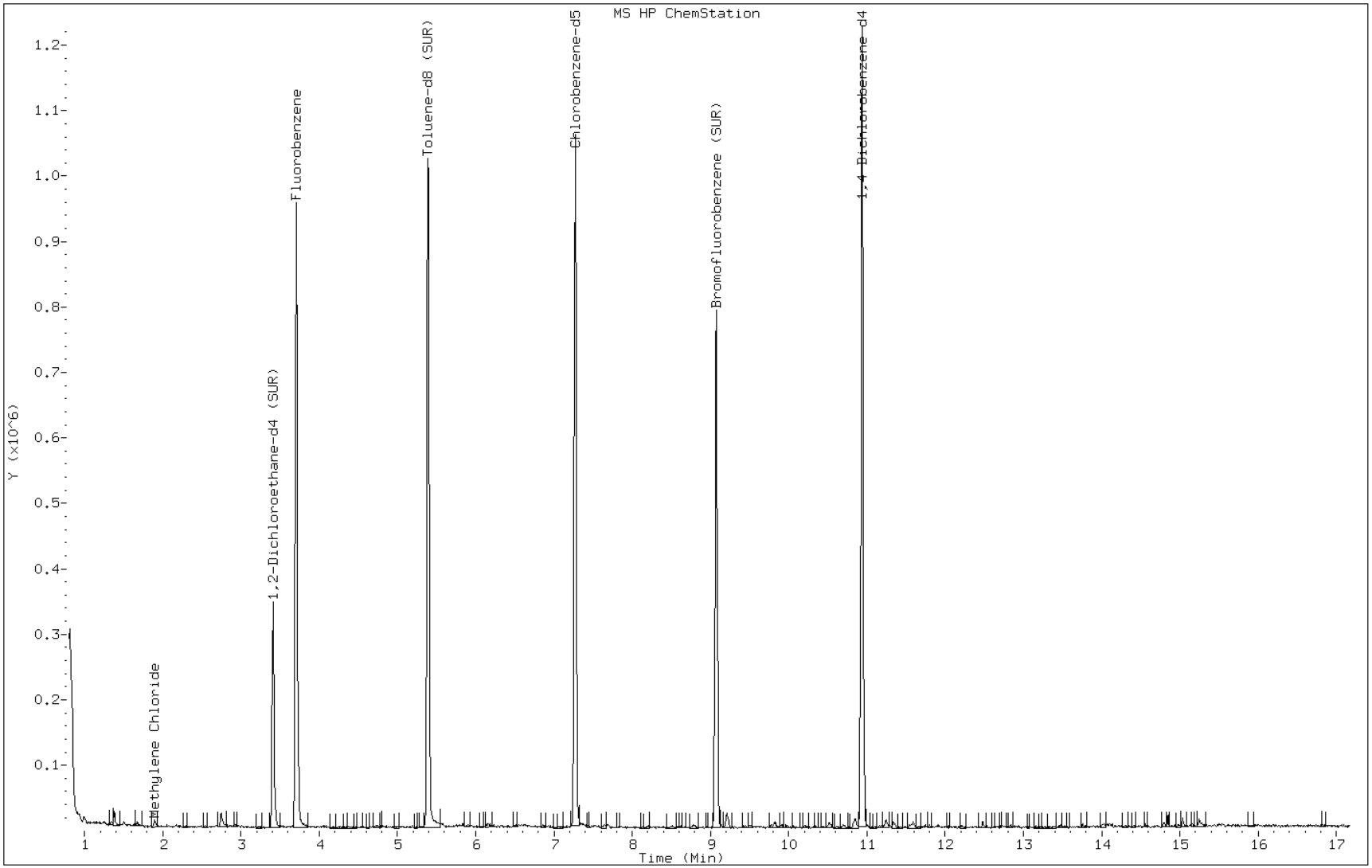
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o61608.d

Date: 27-JUN-2012 20:03

Client ID: F-6 Instrument: VOAMS12.i

Sample Info: 460-41492-B-21-A;;;3.74;5 Operator: VOAMS 9



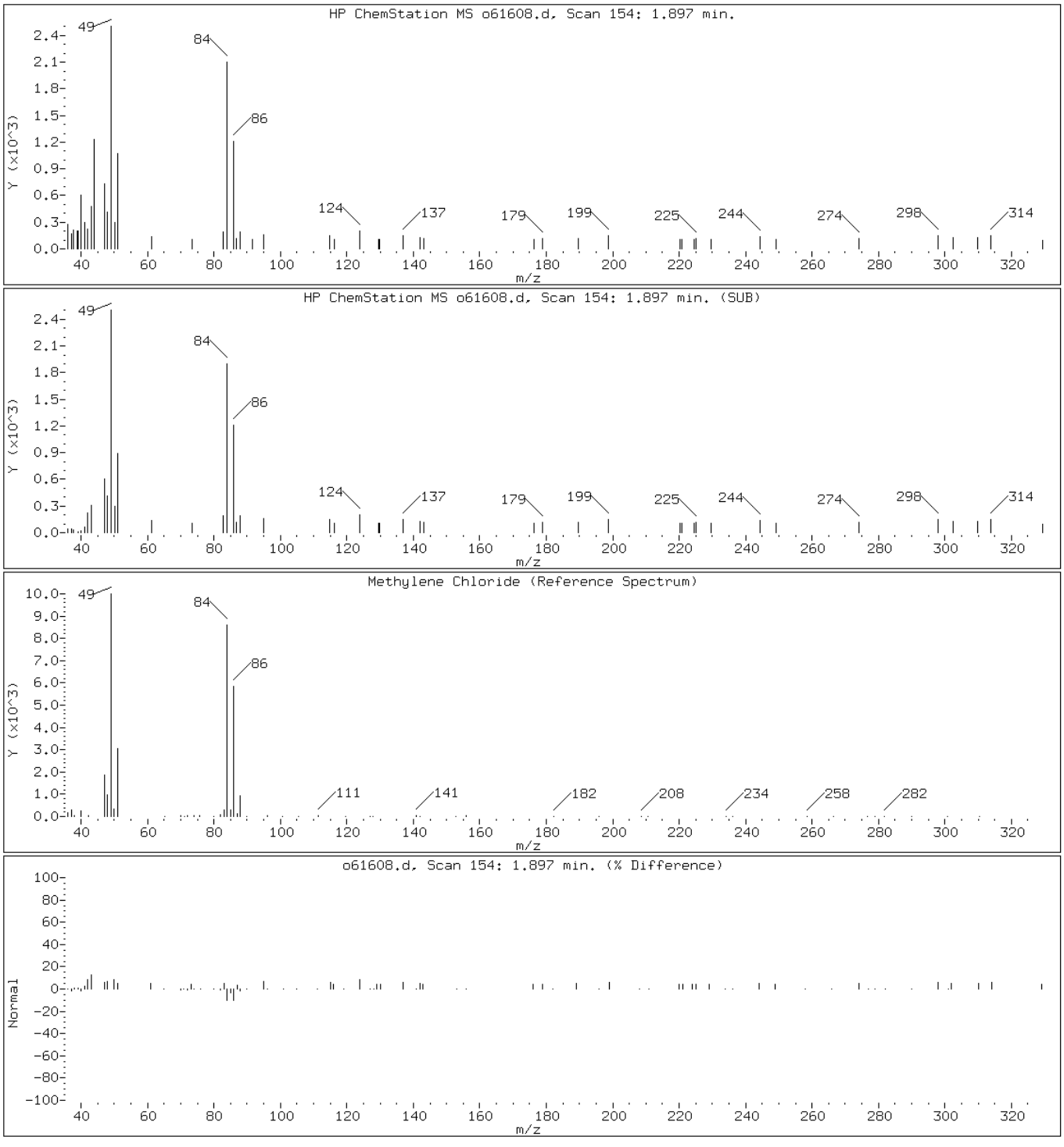
Data File: o61608.d

Date: 27-JUN-2012 20:03

Client ID: F-6 Instrument: VOAMS12.i

Sample Info: 460-41492-B-21-A;;;3.74;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: d21928.d

Analysis Method: 8260B | Date Collected: 06/19/2012 15:30

Sample wt/vol: 4.68(g) | Date Analyzed: 06/25/2012 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
75-00-3	Chloroethane	0.38	U	1.2	0.38
75-09-2	Methylene Chloride	0.74	J B	1.2	0.17
67-64-1	Acetone	4.3	J B	12	2.0
1330-20-7	Xylenes, Total	0.78	U	3.5	0.78
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.73	U	12	0.73
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
71-43-2	Benzene	0.17	U	1.2	0.17
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.33	U	1.2	0.33
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	12	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
123-91-1	1,4-Dioxane	15	U	58	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U *	1.2	0.16
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: d21928.d

Analysis Method: 8260B | Date Collected: 06/19/2012 15:30

Sample wt/vol: 4.68(g) | Date Analyzed: 06/25/2012 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U *	1.2	0.51
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
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	Bromofluorobenzene	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 Lab Sample ID: 460-41492-22

Matrix: Solid Lab File ID: d21928.d

Analysis Method: 8260B Date Collected: 06/19/2012 15:30

Sample wt/vol: 4.68(g) Date Analyzed: 06/25/2012 21:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 Level: (low/med) Low

Analysis Batch No.: 117463 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21928.d
Report Date: 26-Jun-2012 08:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21928.d
Lab Smp Id: 460-41492-B-22-A Client Smp ID: F-7
Inj Date : 25-JUN-2012 21:01
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-22-A;;;4.68;5
Misc Info : 460-41492-B-22-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.68000	Weight of sample extracted (g)
M	8.24742	% 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	2.558	2.552	(0.551)	3173	3.69319	4.3(a)
	6 Methylene Chloride	84	2.511	2.511	(0.541)	2347	0.63328	0.74(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	161976	43.8479	51
*	69 Fluorobenzene	96	4.641	4.641	(1.000)	666042	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	524763	42.1989	49
*	32 Chlorobenzene-d5	117	8.029	8.029	(1.000)	427013	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	172068	41.7472	49
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	223474	50.0000	

QC Flag Legend

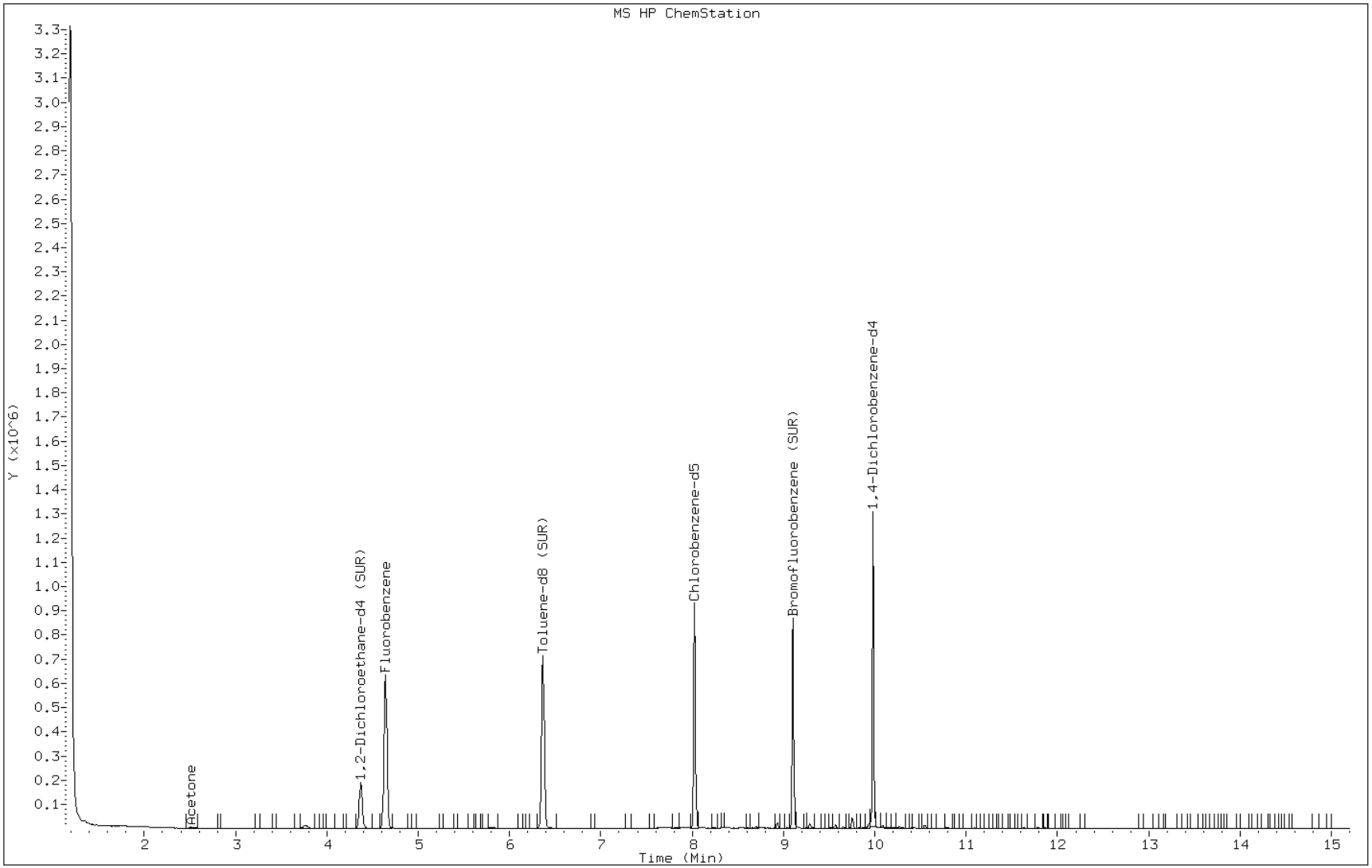
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21928.d

Date: 25-JUN-2012 21:01

Client ID: F-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-22-A;;;4.68;5 Operator: VOAMS 9



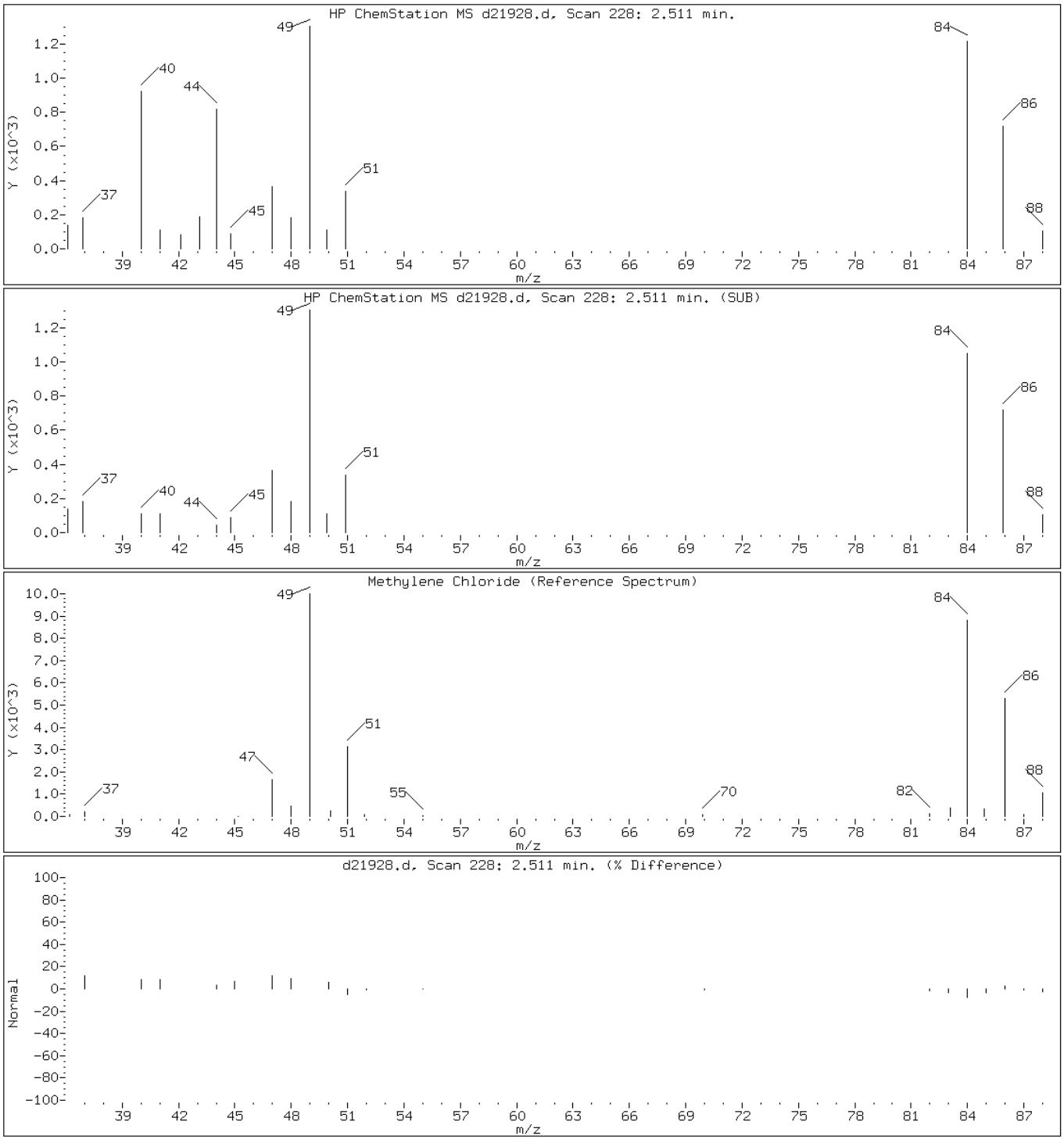
Data File: d21928.d

Date: 25-JUN-2012 21:01

Client ID: F-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-22-A;;;4.68;5 Operator: VOAMS 9

6 Methylene Chloride



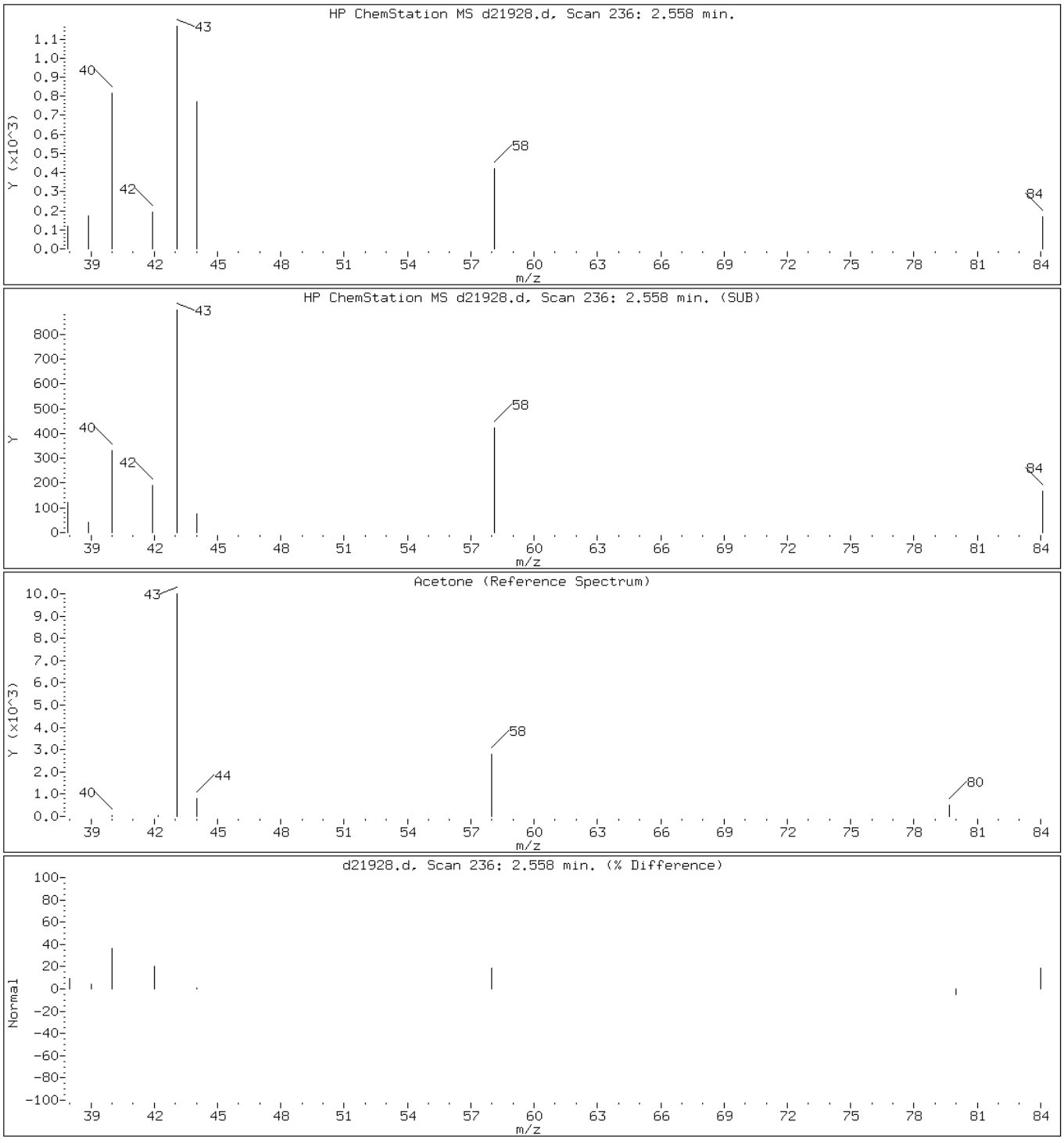
Data File: d21928.d

Date: 25-JUN-2012 21:01

Client ID: F-7 Instrument: VOAMS4.i

Sample Info: 460-41492-B-22-A;;;4.68;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: d21929.d

Analysis Method: 8260B | Date Collected: 06/19/2012 00:00

Sample wt/vol: 4.22(g) | Date Analyzed: 06/25/2012 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.57	U	1.3	0.57
75-01-4	Vinyl chloride	0.45	U	1.3	0.45
75-00-3	Chloroethane	0.44	U	1.3	0.44
75-09-2	Methylene Chloride	1.2	J B	1.3	0.20
67-64-1	Acetone	5.9	J B	13	2.2
1330-20-7	Xylenes, Total	0.89	U	4.0	0.89
75-15-0	Carbon disulfide	0.20	U	1.3	0.20
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
75-34-3	1,1-Dichloroethane	0.15	U	1.3	0.15
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.15	U	1.3	0.15
67-66-3	Chloroform	0.32	U	1.3	0.32
78-93-3	2-Butanone	0.83	U	13	0.83
107-06-2	1,2-Dichloroethane	0.24	U	1.3	0.24
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.20	U	1.3	0.20
71-43-2	Benzene	0.20	U	1.3	0.20
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.37	U	1.3	0.37
100-41-4	Ethylbenzene	0.22	U	1.3	0.22
108-90-7	Chlorobenzene	0.24	U	1.3	0.24
110-82-7	Cyclohexane	0.17	U	1.3	0.17
98-82-8	Isopropylbenzene	0.15	U	1.3	0.15
591-78-6	2-Hexanone	0.17	U	13	0.17
1634-04-4	MTBE	0.15	U	1.3	0.15
76-13-1	Freon TF	0.15	U	1.3	0.15
79-20-9	Methyl acetate	0.42	U	1.3	0.42
123-91-1	1,4-Dioxane	17	U	66	17
79-01-6	Trichloroethene	0.16	U	1.3	0.16
108-88-3	Toluene	0.19	U	1.3	0.19
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.26	U	13	0.26
10061-01-5	cis-1,3-Dichloropropene	0.19	U *	1.3	0.19
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: d21929.d

Analysis Method: 8260B | Date Collected: 06/19/2012 00:00

Sample wt/vol: 4.22(g) | Date Analyzed: 06/25/2012 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.25	U	1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
78-87-5	1,2-Dichloropropane	0.20	U	1.3	0.20
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	0.16	U	1.3	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U *	1.3	0.58
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
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.20	U	1.3	0.20
75-71-8	Dichlorodifluoromethane	0.29	U	1.3	0.29
74-97-5	Bromochloromethane	0.15	U	1.3	0.15
75-27-4	Bromodichloromethane	0.42	U	1.3	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: d21929.d

Analysis Method: 8260B | Date Collected: 06/19/2012 00:00

Sample wt/vol: 4.22(g) | Date Analyzed: 06/25/2012 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Low

Analysis Batch No.: 117463 | 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21929.d
Report Date: 26-Jun-2012 08:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21929.d
Lab Smp Id: 460-41492-B-23-A Client Smp ID: FD-D
Inj Date : 25-JUN-2012 21:25
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-23-A;;;4.22;5
Misc Info : 460-41492-B-23-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	4.22000	Weight of sample extracted (g)
M	10.38462	% 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	2.552	2.552	(0.550)	3517	4.45731	5.9(a)
6 Methylene Chloride	84	2.505	2.511	(0.540)	3101	0.91116	1.2(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	157456	46.4023	61
* 69 Fluorobenzene	96	4.640	4.641	(1.000)	611816	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	528236	46.6422	62
* 32 Chlorobenzene-d5	117	8.023	8.029	(1.000)	388891	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	170336	45.3060	60
* 91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	203847	50.0000	

QC Flag Legend

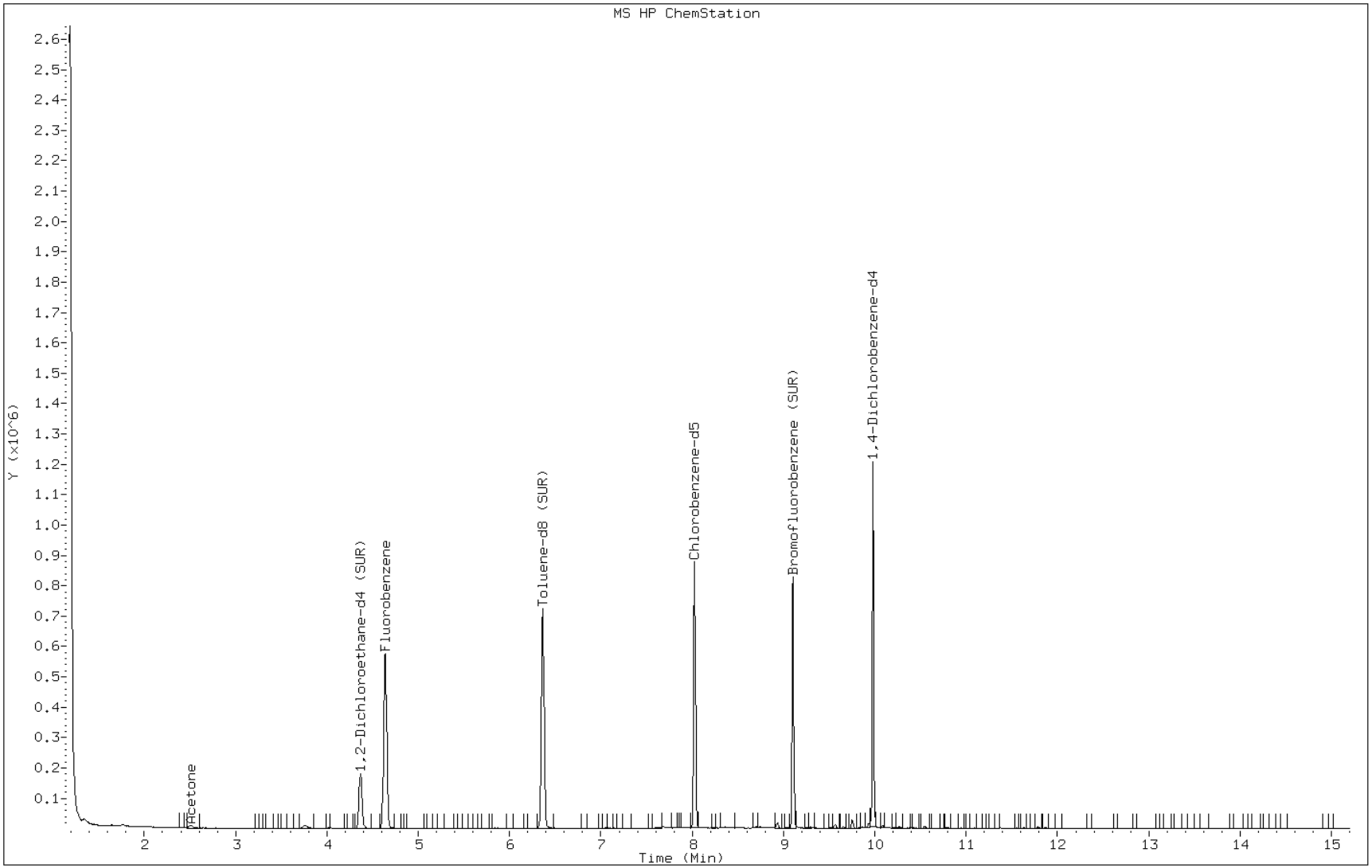
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21929.d

Date: 25-JUN-2012 21:25

Client ID: FD-D Instrument: VOAMS4.i

Sample Info: 460-41492-B-23-A;;;4.22;5 Operator: VOAMS 9



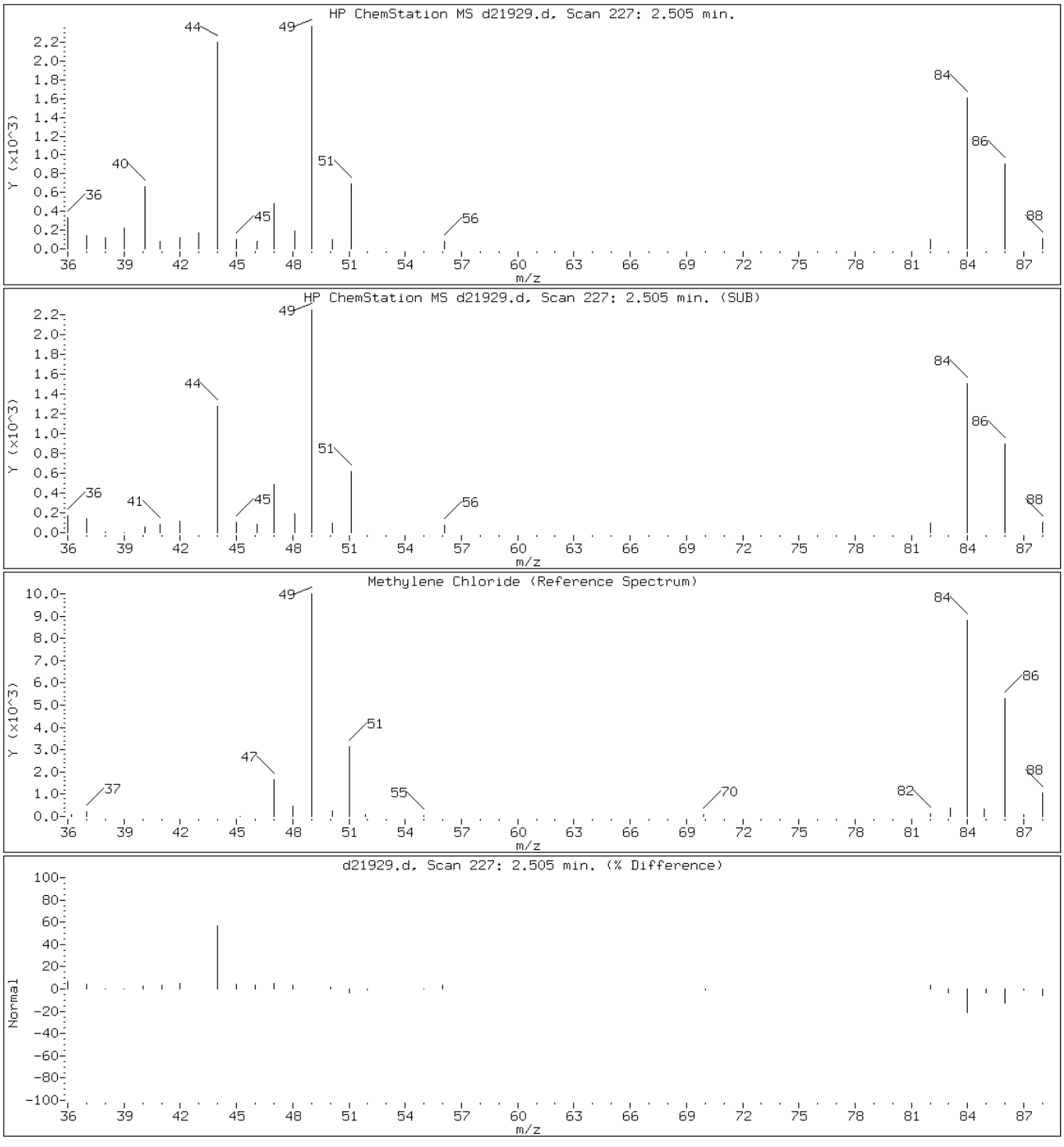
Data File: d21929.d

Date: 25-JUN-2012 21:25

Client ID: FD-D Instrument: VOAMS4.i

Sample Info: 460-41492-B-23-A;;;4.22;5 Operator: VOAMS 9

6 Methylene Chloride



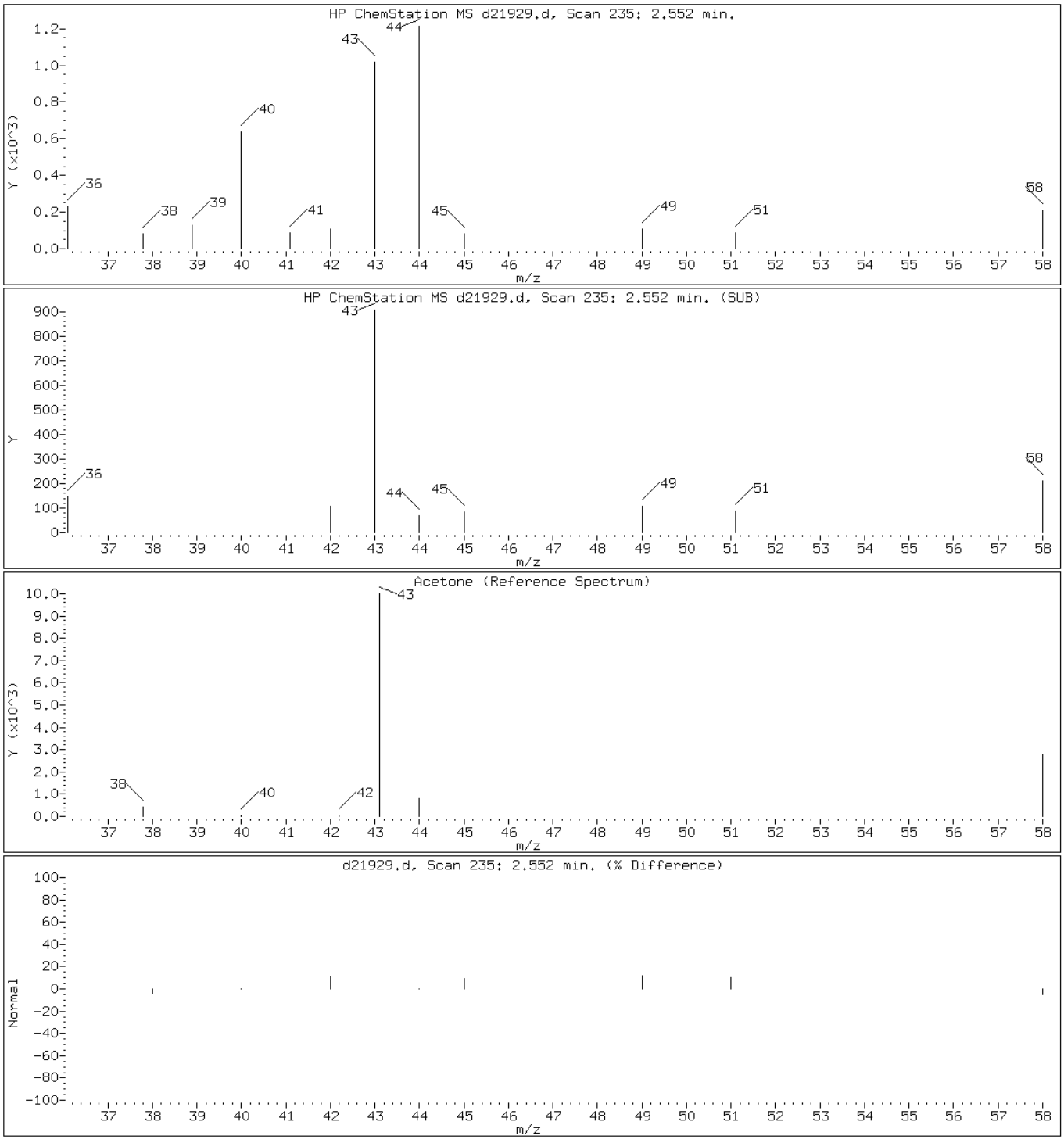
Data File: d21929.d

Date: 25-JUN-2012 21:25

Client ID: FD-D Instrument: VOAMS4.i

Sample Info: 460-41492-B-23-A;;;4.22;5 Operator: VOAMS 9

7 Acetone



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 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.: 460-41492-1 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	0.0644	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
Chloroform	0.7945 0.6057	0.7340	0.6249	0.6350	0.5951	Ave		0.6649				12.1		30.0			
1,1,1-Trichloroethane	0.5927 0.5664	0.5933	0.5667	0.5734	0.5513	Ave		0.5740				2.9		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.: 460-41492-1 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								
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	0.0052	0.0045	0.0049	0.0048	Ave		0.0051				9.6		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			
cis-1,3-Dichloropropene	0.4518 0.5415	0.4130	0.4663	0.5162	0.5281	Ave		0.4861				10.3		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.: 460-41492-1 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								
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	0.1532	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			
Isopropylbenzene	2.4618 2.4429	2.4781	2.4019	2.4227	2.3577	Ave		2.4275				1.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 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								
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	0.0924	0.0976	0.0993	Ave		0.0981				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			
p-Isopropyltoluene	4.0917 4.5728	4.2629	4.2701	4.2618	4.3791	Ave		4.3064				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	4.3847	4.5020	4.4646	4.5132	Ave		4.3781				3.8		15.0			
1,2-Dibromo-3-Chloropropane	0.2247 0.1888	0.1647	0.1551	0.1703	0.1802	Ave		0.1806				13.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 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								
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.: 460-41492-1 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.: 460-41492-1 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	5750	22320	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
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
Carbon tetrachloride	FB	Ave	6719 5622453	37179	177343	498385	2060658	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.: 460-41492-1 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
1,1-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	93426	142128	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	11585	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
trans-1,3-Dichloropropene	CBZ	QuaF	5329 5487440	29298	156172	462395	2057901	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.: 460-41492-1 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
1,1,2-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	10119	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
1,2,3-Trichloropropane	DCB	Ave	1860 1077261	8846	35715	93103	385893	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.: 460-41492-1 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-1,4-Dichloro-2-butene	FB	Ave	1508 1253376	8482	38784	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
p-Isopropyltoluene	DCB	Ave	29172 17813553	158271	653996	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	162795	689523	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
1,2,3-Trichlorobenzene	DCB	Ave	12685 5392287	50897	207448	520099	1980461	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.: 460-41492-1 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-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: 28-Jun-2012 14:18

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 : 28-Jun-2012 14:18 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: 28-Jun-2012 14:18

	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)	40063	5.00000	5.2
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)	5750	5.00000	6.2
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
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)	93426	1000.00	1000
96	Ethyl Acrylate	85	4.218	4.218	(1.137)	1353	5.00000	5.1(H)
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
38	Toluene	91	5.464	5.464	(0.752)	146149	5.00000	5.1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 28-Jun-2012 14:18

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	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)	10119	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)	158271	5.00000	4.9
	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)	162795	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
M	45 Xylene (Total)	100				179994	15.0000	15

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61389.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

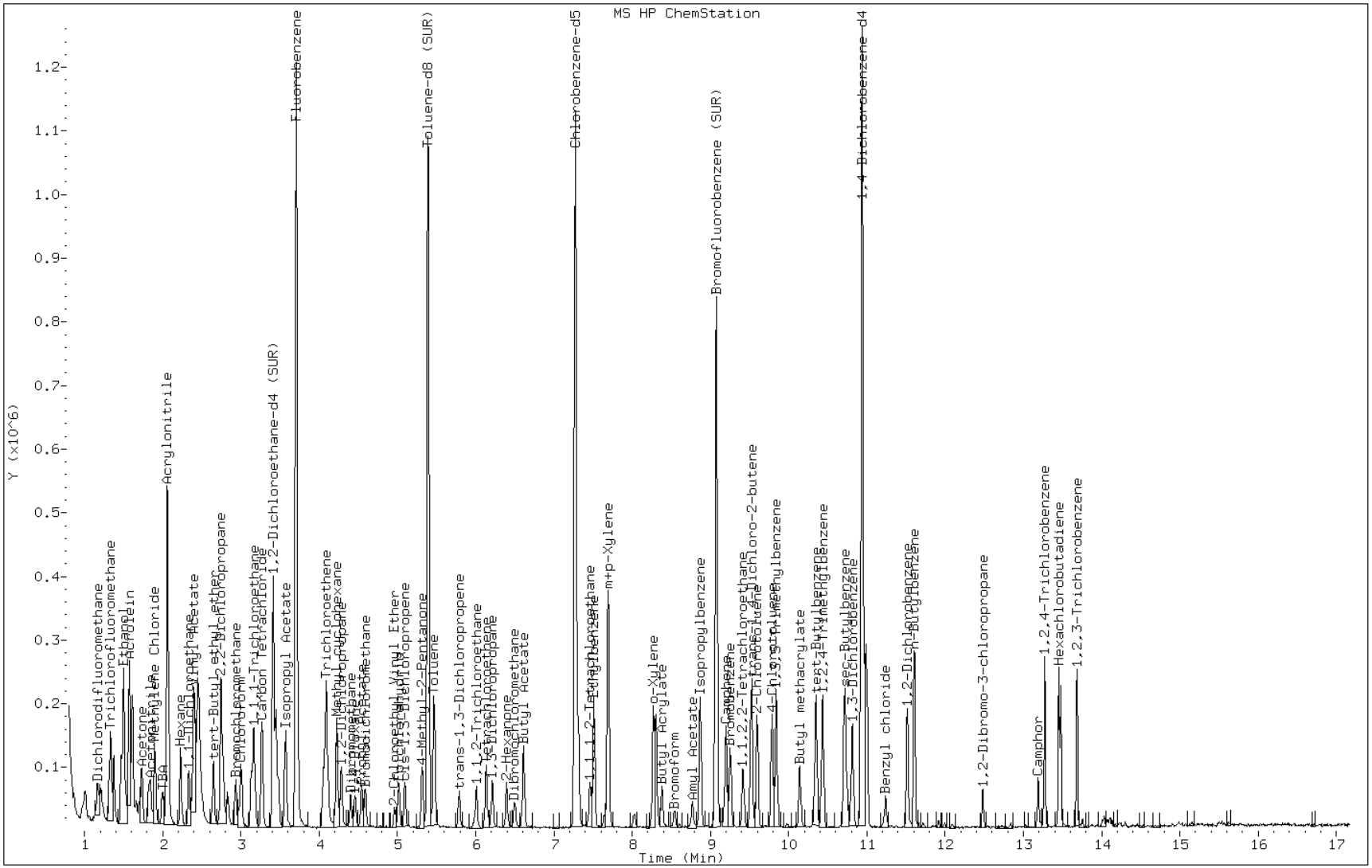
H - Operator selected an alternate compound hit.

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: 28-Jun-2012 14:18

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 : 28-Jun-2012 14:18 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: 28-Jun-2012 14:18

		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	(0.459)	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)	22320	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
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)	142128	1500.00	1300
96	Ethyl Acrylate	85	4.218	4.218	(1.137)	6166	20.0000	20(H)
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)	11585	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
38	Toluene	91	5.464	5.464	(0.752)	608225	20.0000	20

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
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	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)	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)	38784	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)	653996	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)	689523	20.0000	20
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
M 45	Xylene (Total)	100				741459	60.0000	58

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61390.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

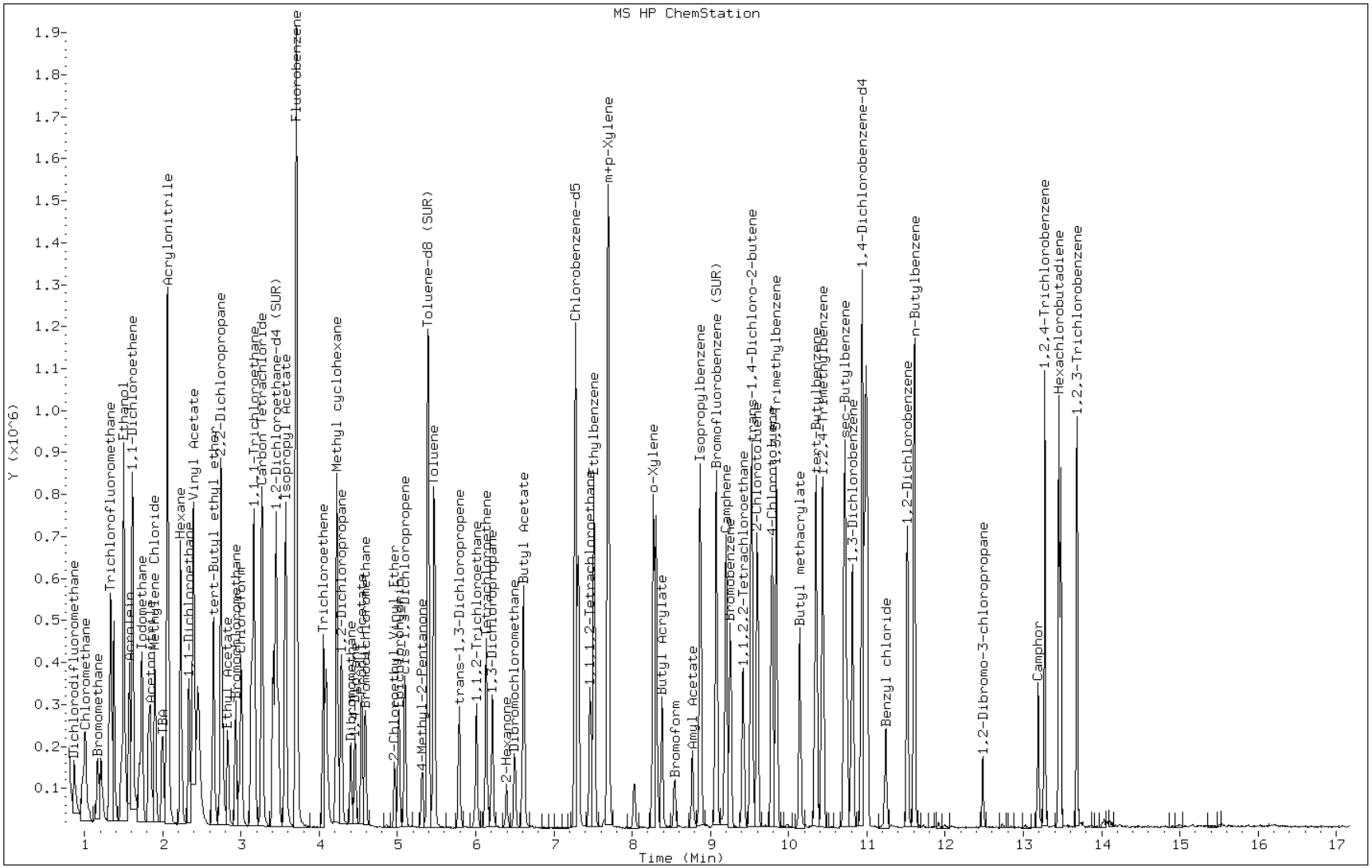
H - Operator selected an alternate compound hit.

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: 28-Jun-2012 14:18

TestAmerica

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 : 28-Jun-2012 14:18 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
Report Date: 28-Jun-2012 14:18

							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	53
	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
	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(H)
	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	190
	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
	38 Toluene	91	5.465	5.464	(0.751)	1517102	50.0000	48

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Report Date: 28-Jun-2012 14:18

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	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
M	45 Xylene (Total)	100				1881957	150.000	140

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61391.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

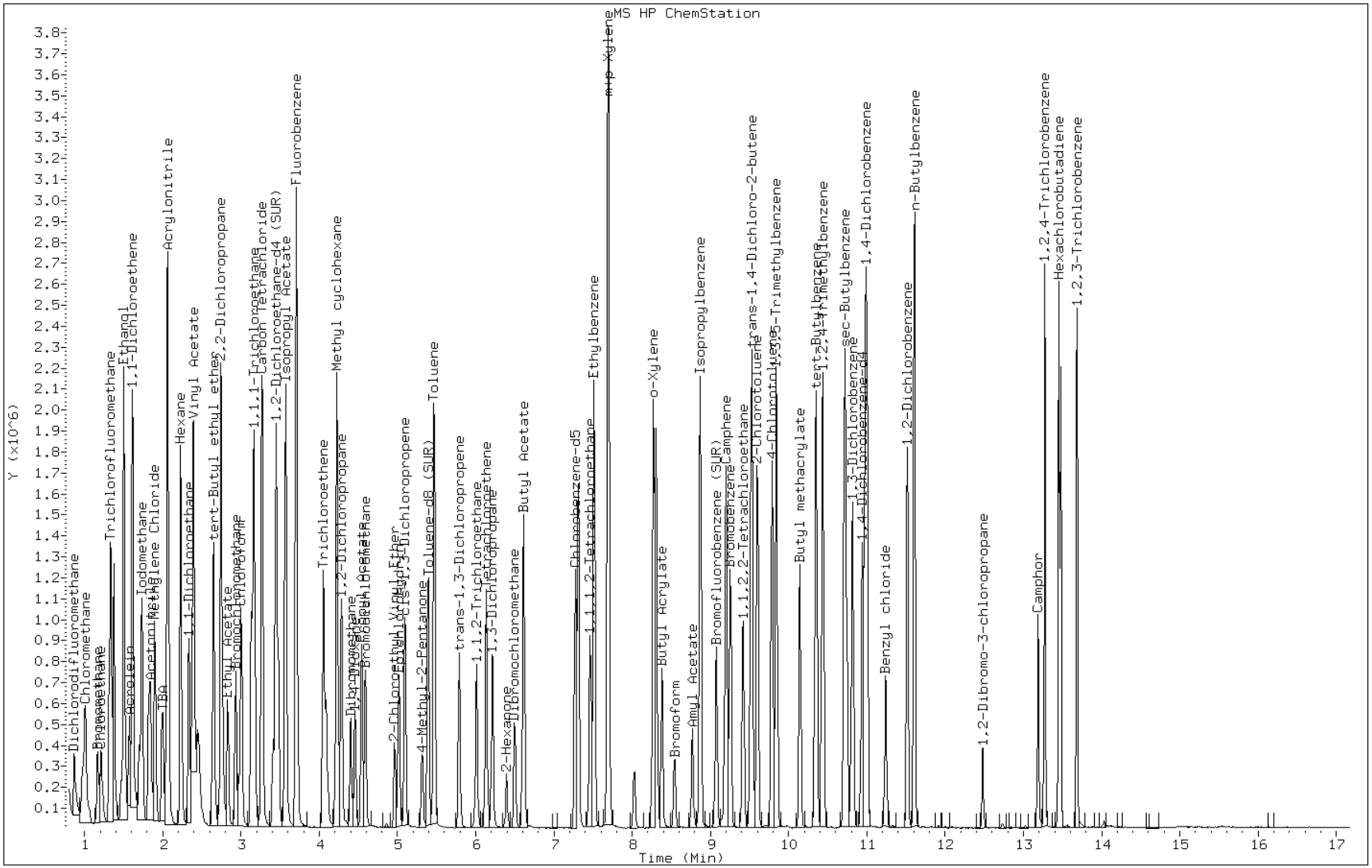
H - Operator selected an alternate compound hit.

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: 28-Jun-2012 14:18

TestAmerica

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 : 28-Jun-2012 14:18 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
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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)	1905963	200.000	190
	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
	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(H)
	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
	38 Toluene	91	5.471	5.464	(0.733)	6068123	200.000	190

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	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	5.794	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
M	45 Xylene (Total)	100				7455045	600.000	560

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61392.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

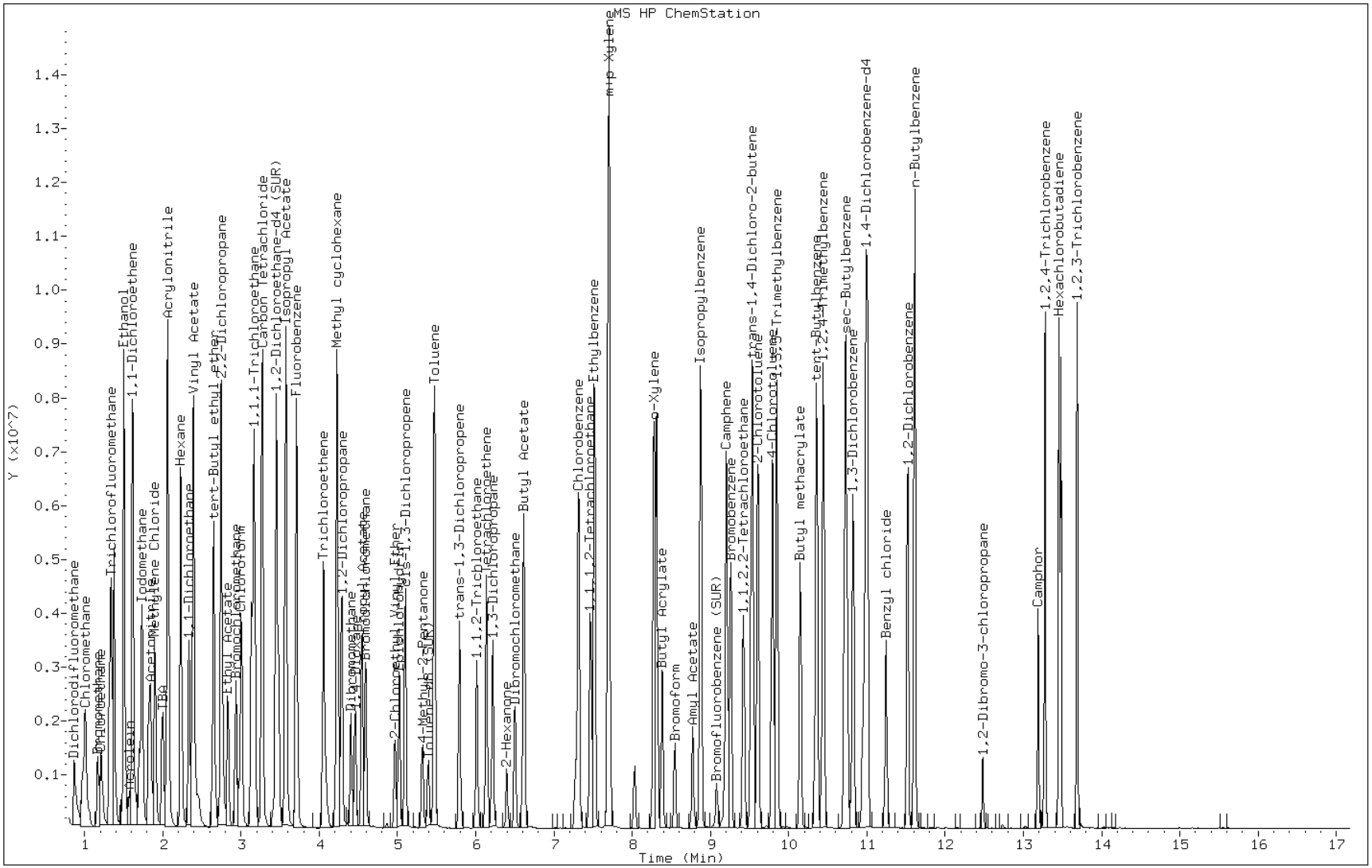
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

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: 28-Jun-2012 14:18

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 : 28-Jun-2012 14:18 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)	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
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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)	4678990	500.000	470
	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
	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(AH)
	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	1700(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
	38 Toluene	91	5.479	5.464	(0.733)	16075450	500.000	480

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 28-Jun-2012 14:18

	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	5.801	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	460
	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
M	45 Xylene (Total)	100				21408866	1500.00	1500(A)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61393.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

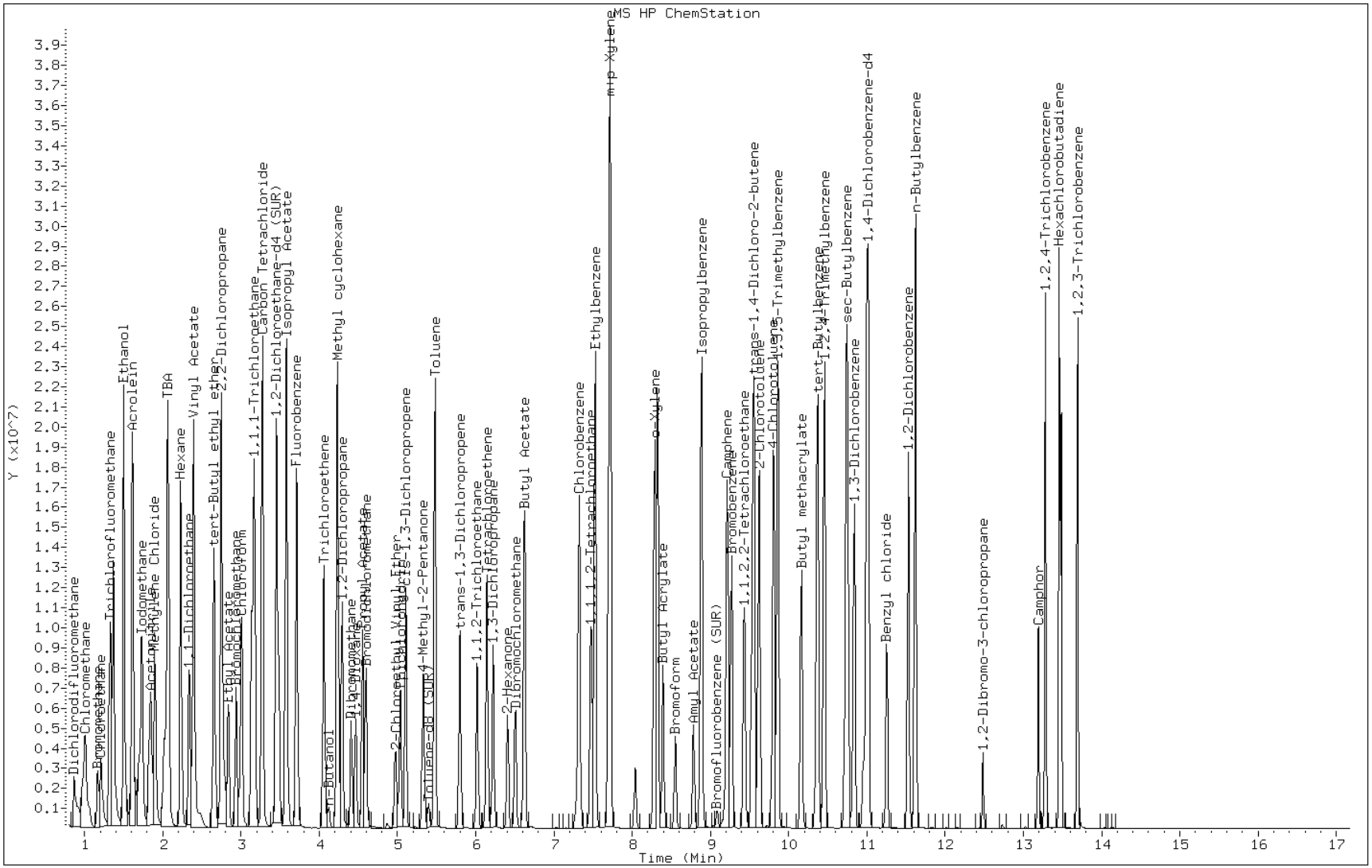
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

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: 28-Jun-2012 14:18

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 : 28-Jun-2012 14:18 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

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	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: 28-Jun-2012 14:18

							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
	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(aH)
	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
	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
	38 Toluene	91	5.464	5.464	(0.752)	29506	1.00000	1.1

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 28-Jun-2012 14:18

	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)	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
M	45 Xylene (Total)	100				35455	3.00000	3.3

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/21jun12a.b/o61398.d
Report Date: 28-Jun-2012 14:18

QC Flag Legend

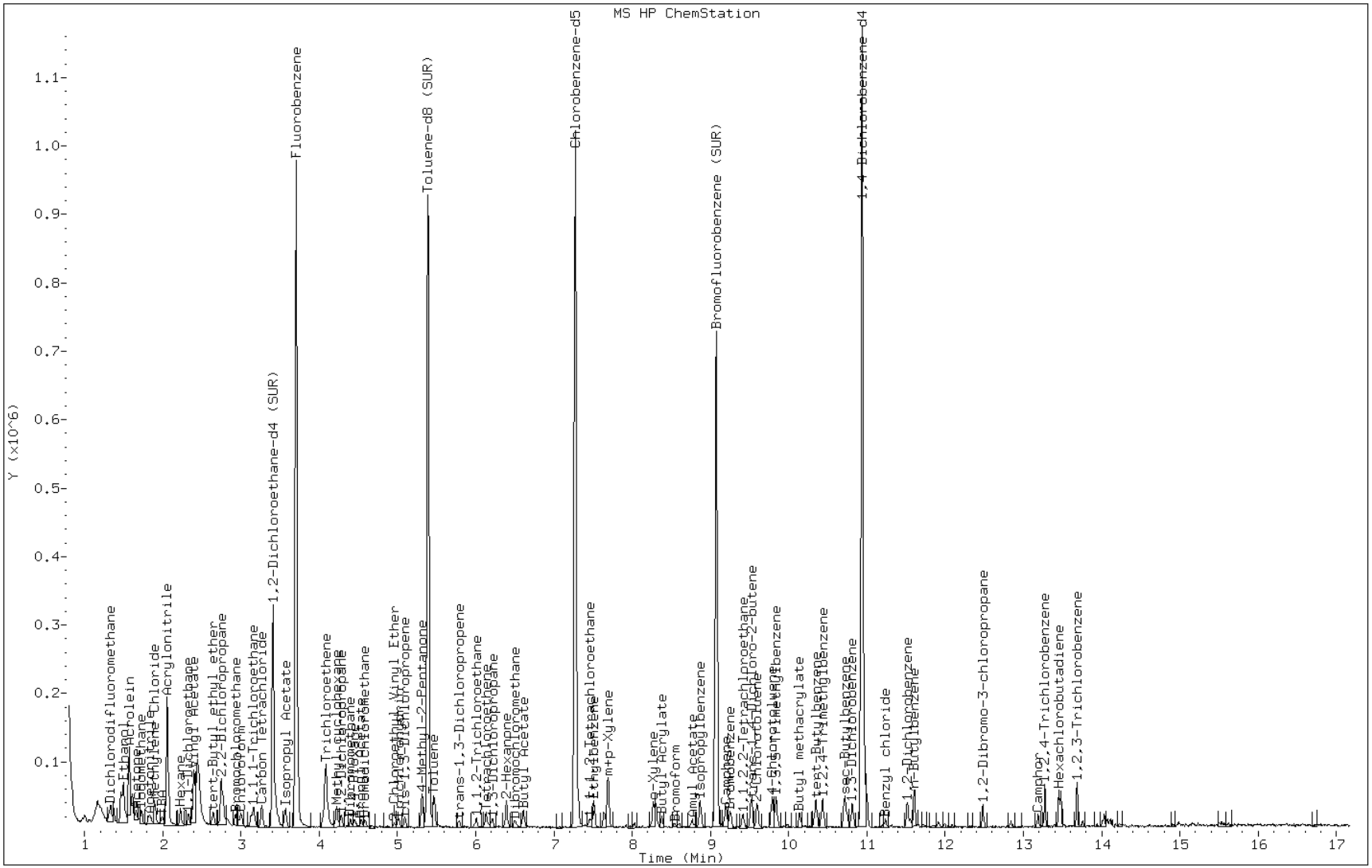
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o61398.d

Date: 21-JUN-2012 23:37

Client ID: Instrument: VOAMS12.i

Sample Info: IC-VMCAL1 Operator: VOAMS 9



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117083/4	d21850.d
Level 2	IC 460-117083/3	d21849.d
Level 3	ICIS 460-117083/2	d21846.d
Level 4	IC 460-117083/5	d21852.d
Level 5	IC 460-117083/6	d21853.d
Level 6	IC 460-117083/7	d21854.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	0.5352 0.4680	0.5085	0.4681	0.4978	0.5686	Ave		0.5077				7.7		15.0			
Chloromethane	0.7087 0.5713	0.5925	0.5663	0.5658	0.6748	Ave		0.6133			0.1000	10.2		15.0			
Vinyl chloride	0.5363 0.5538	0.6091	0.5612	0.5641	0.6757	Ave		0.5834				8.8		30.0			
Bromomethane	0.3365 0.2558	0.2886	0.2721	0.2721	0.3225	Ave		0.2913				10.9		15.0			
Chloroethane	0.3280 +++++	0.2682	0.2384	0.2449	0.2950	Ave		0.2749				13.5		15.0			
Trichlorofluoromethane	1.1174 +++++	0.7012	0.6078	0.6230	0.7371	LinF		0.7304							0.9975		0.9900
Dichlorofluoromethane	0.9588 0.7498	0.8890	0.7490	0.7532	0.9704	Ave		0.8450				12.7		15.0			
Isopropene	0.6175 0.4623	0.5256	0.4835	0.5001	0.5546	Ave		0.5239				10.7		15.0			
Ethyl ether	0.3148 +++++	0.2620	0.2237	0.2362	0.2575	Ave		0.2588				13.5		15.0			
1,1-Dichloroethene	0.2905 0.2102	0.2437	0.2379	0.2316	0.2471	Ave		0.2435				10.9		30.0			
Carbon disulfide	1.1207 1.0877	1.0356	1.0179	1.1021	1.2557	Ave		1.1033				7.7		15.0			
Freon TF	0.4088 0.3548	0.3959	0.3524	0.3719	0.4241	Ave		0.3847				7.7		15.0			
Iodomethane	0.6525 0.4612	0.5785	0.5027	0.5264	0.5500	Ave		0.5452				12.1		15.0			
Acrolein	0.0462 0.0333	0.0426	0.0337	0.0346	0.0407	Ave		0.0385				14.0		15.0			
Methylene Chloride	0.7113 0.2711	0.3984	0.3111	0.2898	0.3153	LinF		0.2782							0.9954		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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								
Acetone	0.1126 0.0636	0.0900	0.0696	0.0698	0.0816	LinF		0.0645							0.9959		0.9900
trans-1,2-Dichloroethene	0.3248 0.2523	0.2818	0.2723	0.2626	0.2917	Ave		0.2809				9.1		15.0			
Methyl acetate	0.0530 0.0409	0.0427	0.0342	0.0385	0.0485	LinF		0.0421							0.9941		0.9900
Hexane	0.3957 0.3222	0.3467	0.3344	0.3439	0.3755	Ave		0.3530				7.8		15.0			
MTBE	0.9293 0.7478	0.8186	0.7085	0.7559	0.8867	Ave		0.8078				10.7		15.0			
TBA	0.0333 0.0271	0.0279	0.0229	0.0249	0.0325	Ave		0.0281				14.6		15.0			
Acetonitrile	0.0454 0.0387	0.0403	0.0320	0.0400	0.0353	Ave		0.0386				11.9		15.0			
DIPE	1.3668 1.1853	1.1871	1.0635	1.1295	1.3539	Ave		1.2143				10.0		15.0			
1,1-Dichloroethane	0.5992 0.5607	0.5922	0.5552	0.5473	0.6361	Ave		0.5818			0.1000	5.8		15.0			
Acrylonitrile	0.0992 0.0826	0.0939	0.0740	0.0817	0.0975	Ave		0.0882				11.5		15.0			
Tert-butyl ethyl ether	1.0404 0.9830	0.9884	1.1408	1.0828	1.1595	Ave		1.0658				7.0		15.0			
Vinyl acetate	0.5692 0.4901	0.4896	0.4424	0.4780	0.5653	Ave		0.5058				10.0		15.0			
cis-1,2-Dichloroethene	0.3773 0.3097	0.3220	0.3127	0.3061	0.3471	Ave		0.3291				8.5		15.0			
2,2-Dichloropropane	0.5021 0.5361	0.5128	0.4907	0.4873	0.5945	Ave		0.5206				7.7		15.0			
Bromochloromethane	0.1716 0.1212	0.1394	0.1263	0.1231	0.1418	Ave		0.1372				13.8		15.0			
Cyclohexane	0.8342 0.7900	0.7353	0.7040	0.7403	0.8716	Ave		0.7792				8.3		15.0			
Chloroform	0.6587 0.5693	0.5863	0.5521	0.5463	0.6342	Ave		0.5912				7.7		30.0			
Carbon tetrachloride	0.4375 0.5263	0.4518	0.4827	0.4807	0.5864	Ave		0.4942				11.0		15.0			
Ethyl acetate	0.0177 0.0241	0.0240	0.0193	0.0228	0.0283	LinF		0.0248							0.9949		0.9900
1,1,1-Trichloroethane	0.5392 0.5638	0.5200	0.5330	0.5210	0.6432	Ave		0.5534				8.5		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.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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-Dichloropropene	0.4848 0.4353	0.4355	0.4316	0.4193	0.4931	Ave		0.4499				6.9		15.0			
2-Butanone	0.1062 0.1064	0.1028	0.0926	0.0989	0.1336	Ave		0.1068				13.2		15.0			
n-Heptane	0.6321 0.5544	0.5006	0.5170	0.5577	0.6317	Ave		0.5656				9.9		15.0			
Benzene	1.2517 1.1399	1.1541	1.1112	1.0891	1.2809	Ave		1.1711				6.6		15.0			
Tert-amyl methyl ether	0.8800 0.7840	0.7619	0.7016	0.7742	0.9067	Ave		0.8014				9.6		15.0			
1,2-Dichloroethane	0.4253 0.3265	0.3700	0.3223	0.3250	0.3775	Ave		0.3578				11.5		15.0			
Isopropyl acetate	0.4566 0.4798	0.4133	0.3934	0.4460	0.5558	Ave		0.4575				12.5		15.0			
Methylcyclohexane	0.7468 0.7302	0.7037	0.6673	0.7229	0.8513	Ave		0.7370				8.4		15.0			
Trichloroethene	0.3390 0.3017	0.3085	0.2946	0.2954	0.3409	Ave		0.3133				6.8		15.0			
Dibromomethane	0.1530 0.1391	0.1498	0.1314	0.1381	0.1616	Ave		0.1455				7.7		15.0			
n-Butanol	0.0039 0.0040	0.0040	0.0032	0.0036	0.0048	Ave		0.0039				13.2		15.0			
1,2-Dichloropropane	0.3354 0.2960	0.3043	0.2749	0.2814	0.3361	Ave		0.3047				8.6		30.0			
Ethyl acrylate	0.3052 0.2775	0.2463	0.2189	0.2449	0.3185	Ave		0.2685				14.4		15.0			
Bromodichloromethane	0.3269 0.3879	0.3183	0.3142	0.3304	0.4266	Ave		0.3507				13.1		15.0			
Methyl methacrylate	0.1274 0.1453	0.1324	0.1132	0.1319	0.1676	Ave		0.1363				13.6		15.0			
1,4-Dioxane	0.0026 0.0026	0.0029	0.0022	0.0026	0.0035	LinF		0.0026							0.9973		0.9900
Propyl acetate	0.3188 0.3284	0.2737	0.2554	0.2951	0.3821	Ave		0.3089				14.6		15.0			
2-Chloroethyl vinyl ether	0.1388 0.1361	0.1225	0.1070	0.1225	0.1542	Ave		0.1302				12.6		15.0			
cis-1,3-Dichloropropene	0.3156 0.4147	0.3085	0.3298	0.3511	0.4589	LinF		0.4207							0.9976		0.9900
Toluene	2.7566 1.9040	2.1591	1.9052	1.8509	2.1252	LinF		1.9368							0.9976		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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								
Epichlorohydrin	0.0188 0.0213	0.0176	0.0162	0.0192	0.0249	LinF		0.0218							0.9948		0.9900
Tetrachloroethene	0.5977 0.4552	0.5077	0.4705	0.4532	0.5204	Ave		0.5008				11.0		15.0			
4-Methyl-2-pentanone	0.2078 0.2361	0.2044	0.1889	0.2174	0.2839	LinF		0.2382							0.9979		0.9900
trans-1,3-Dichloropropene	0.4625 0.5551	0.4153	0.4352	0.4602	0.6132	LinF		0.5629							0.9975		0.9900
1,1,2-Trichloroethane	0.3318 0.2752	0.2939	0.2591	0.2634	0.3201	Ave		0.2906				10.4		15.0			
Dibromochloromethane	0.2782 0.3909	0.2934	0.3077	0.3211	0.4283	LinF		0.3958							0.9978		0.9900
1,3-Dichloropropane	0.6626 0.5461	0.5568	0.5028	0.5207	0.6232	Ave		0.5687				10.9		15.0			
1,2-Dibromoethane	0.2944 0.2911	0.2921	0.2717	0.2810	0.3375	Ave		0.2946				7.7		15.0			
Butyl acetate	0.5771 0.5947	0.4941	0.4556	0.5231	0.6785	Ave		0.5538				14.4		15.0			
2-Hexanone	0.2288 0.2512	0.2286	0.2267	0.2387	0.3061	Ave		0.2467				12.4		15.0			
Chlorobenzene	1.4353 1.1500	1.2392	1.1472	1.1242	1.3125	Ave		1.2347			0.3000	9.8		15.0			
Ethylbenzene	0.7799 0.6723	0.6839	0.6617	0.6638	0.7738	Ave		0.7059				7.9		30.0			
1,1,1,2-Tetrachloroethane	0.4391 0.4762	0.4145	0.4199	0.4356	0.5455	Ave		0.4551				10.8		15.0			
m&p-Xylene	0.9255 0.8037	0.8031	0.8094	0.8066	0.9398	Ave		0.8480				7.8		15.0			
o-Xylene	0.8958 0.8178	0.7903	0.7919	0.8080	0.9470	Ave		0.8418				7.7		15.0			
Styrene	1.1977 1.3023	1.1546	1.2101	1.2259	1.4696	Ave		1.2600				9.0		15.0			
Bromoform	0.1511 0.2322	0.1653	0.1730	0.1867	0.2618	LinF		0.2363			0.1000				0.9964		0.9900
Isopropylbenzene	2.4584 2.4635	2.4853	2.4702	2.5139	2.9731	Ave		2.5607				7.9		15.0			
Monobromobenzene	1.2338 0.9934	0.9973	0.9233	0.9340	1.1315	Ave		1.0355				11.8		15.0			
N-Propylbenzene	6.4926 5.6953	5.7928	5.7829	5.9442	7.3084	Ave		6.1694				10.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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								
1,1,2,2-Tetrachloroethane	0.9470 0.9118	0.8450	0.7861	0.8462	1.0654	Ave		0.9003			0.3000	11.0		15.0			
2-Chlorotoluene	3.6582 3.6110	3.2320	3.1658	3.2593	4.0222	Ave		3.4914				9.5		15.0			
1,2,3-Trichloropropane	0.2703 0.2408	0.2568	0.2214	0.2325	0.2826	Ave		0.2507				9.3		15.0			
1,3,5-Trimethylbenzene	3.8881 4.5381	3.7959	3.8937	4.0701	5.0876	Ave		4.2123				12.0		15.0			
trans-1,4-Dichloro-2-butene	0.0503 0.0650	0.0669	0.0505	0.0574	0.0739	LinF		0.0663							0.9964		0.9900
4-Chlorotoluene	3.4693 3.4568	3.0980	3.0771	3.1092	3.8638	Ave		3.3457				9.3		15.0			
tert-Butylbenzene	3.1762 4.0135	3.0224	3.2590	3.4503	4.4612	LinF		4.0756							0.9974		0.9900
Butyl Methacrylate	1.0201 1.5131	1.0448	1.1311	1.3299	1.6895	LinF		1.5379							0.9972		0.9900
1,2,4-Trimethylbenzene	4.0395 4.3392	3.8464	3.8878	3.9859	4.9591	Ave		4.1763				10.1		15.0			
sec-Butylbenzene	5.6501 5.6521	5.4055	5.5881	5.8515	7.3136	Ave		5.9102				11.9		15.0			
p-Isopropyltoluene	4.2856 4.7301	4.1489	4.3921	4.5680	5.7504	Ave		4.6459				12.5		15.0			
1,3-Dichlorobenzene	2.4557 1.9760	2.1137	1.8902	1.9212	2.3159	Ave		2.1121				10.9		15.0			
1,4-Dichlorobenzene	2.4301 1.9177	2.1273	1.8749	1.8702	2.2426	Ave		2.0771				11.1		15.0			
Benzyl chloride	0.1633 0.2728	0.1602	0.1615	0.2031	0.3033	LinF		0.2768							0.9965		0.9900
n-Butylbenzene	2.6899 2.8551	2.5869	2.6303	2.6559	3.2761	Ave		2.7823				9.3		15.0			
1,2-Dichlorobenzene	2.3339 1.8590	1.9658	1.7964	1.7945	2.1787	Ave		1.9880				11.2		15.0			
1,2-Dibromo-3-Chloropropane	0.1312 0.1639	0.1216	0.1176	0.1308	0.1879	LinF		0.1673							0.9955		0.9900
Hexachlorobutadiene	1.0269 1.0952	0.9918	0.9258	1.0002	1.2876	Ave		1.0546				12.0		15.0			
1,2,4-Trichlorobenzene	1.8294 1.4885	1.5179	1.4095	1.4180	1.8288	Ave		1.5820				12.4		15.0			
Naphthalene	3.8904 2.8824	2.7193	2.5732	2.7016	3.5273	LinF		2.9853							0.9915		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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								
1,2,3-Trichlorobenzene	1.8018 1.3436	1.4280	1.2903	1.3100	1.6803	Ave		1.4757				14.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2944 0.2647	0.2925	0.2502	0.2554	0.3067	Ave		0.2773				8.5		15.0			
Toluene-d8 (Surr)	1.5871 1.3447	1.5960	1.3498	1.3368	1.5221	Ave		1.4561				8.6		15.0			
Bromofluorobenzene	0.9841 0.8762	0.9755	0.8392	0.8516	1.0064	Ave		0.9222				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-117083/4	d21850.d
Level 2	IC 460-117083/3	d21849.d
Level 3	ICIS 460-117083/2	d21846.d
Level 4	IC 460-117083/5	d21852.d
Level 5	IC 460-117083/6	d21853.d
Level 6	IC 460-117083/7	d21854.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	6411 3586837	32553	152793	382115	1453709	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8489 4378543	37929	184838	434347	1725328	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6423 4243831	38991	183180	433030	1727657	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4030 1960021	18474	88816	208842	824585	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3929 +++++	17168	77825	187969	754353	1.00 +++++	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	LinF	13384 +++++	44884	198387	478198	1884552	1.00 +++++	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11484 5746013	56905	244467	578172	2480902	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	7396 3542998	33645	157800	383904	1418064	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3770 +++++	16772	73000	181293	658314	1.00 +++++	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3480 1610527	15599	77644	177765	631743	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13423 8335996	66292	332216	845960	3210525	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4897 2718715	25344	115027	285450	1084251	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	7815 3534116	37029	164073	404062	1406271	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	55331 305878	109016	165166	212574	260205	100 600	200	300	400	500
Methylene Chloride	FB	LinF	8520 2077772	25505	101532	222486	806018	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	13484 974573	17281	22723	53590	208669	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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-1,2-Dichloroethene	FB	Ave	3890 1933605	18039	88883	201609	745841	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	635 313668	2732	11173	29545	123875	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4739 2469066	22192	109140	263948	959940	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	11131 5730641	52400	231245	580200	2267103	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	7966 4152252	35673	149343	382605	1662815	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	10871 5931974	51550	208661	614235	1805576	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	16371 9083404	75988	347110	866999	3461445	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7177 4296748	37905	181205	420088	1626328	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	59396 379996	120231	181243	250828	311454	50.0 300	100	150	200	250
Tert-butyl ethyl ether	FB	Ave	12462 7533019	63271	372329	831170	2964596	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	6818 3755963	31341	144403	366942	1445233	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4519 2373129	20613	102048	234988	887417	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6014 4108354	32828	160166	374014	1519921	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2055 929057	8926	41219	94485	362654	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	9992 6054463	47069	229781	568284	2228336	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	7890 4362931	37530	180187	419349	1621441	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5240 4033531	28921	157551	368964	1499301	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	LinF	425 370052	3077	12625	35040	144518	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	6458 4321020	33288	173958	399925	1644512	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5807 3336083	27875	140874	321834	1260831	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	12724 1631304	19744	30225	75934	341643	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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-Heptane	CBZ	Ave	4371 2609715	18986	103036	260251	997677	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	14992 8735600	73878	362692	835962	3274852	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10540 6008131	48774	228981	594290	2318050	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5094 2502518	23685	105188	249452	965246	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10937 7354383	52917	256820	684657	2842059	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	8945 5595771	45044	217811	554864	2176414	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4060 2312384	19746	96142	226748	871608	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1833 1065642	9587	42873	105988	413040	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	23245 184747	50581	79051	109117	151978	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	4017 2268502	19477	89710	216032	859188	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3655 2127033	15768	71454	187966	814202	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3915 2972777	20373	102545	253610	1090811	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1526 1113579	8474	36938	101212	428568	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	LinF	1548 80543	3649	5367	7931	11270	50.0 2000	100	150	200	250
Propyl acetate	FB	Ave	7638 5034164	35036	166730	453059	1953686	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1662 1043128	7843	34916	94020	394151	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	FB	LinF	3780 3177753	19745	107643	269487	1173149	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	LinF	19061 8963369	81890	379655	863774	3356714	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	LinF	4492 3257398	22513	105469	294897	1270876	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	4133 2142896	19254	93767	211506	821930	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	LinF	24890 3618688	39252	61662	166902	725913	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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	LinF	3198 2612966	15750	86722	214764	968605	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2294 1295758	11147	51637	122945	505617	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	LinF	1924 1840069	11126	61309	149827	676511	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4582 2570790	21119	100196	242998	984286	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2036 1370509	11077	54138	131128	533025	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	7981 5599188	37482	181573	488261	2143217	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	15822 2364773	26008	45171	111418	483552	10.0 1000	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9925 5413606	47000	228612	524638	2073094	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5393 3164701	25939	131860	309778	1222139	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3036 2241689	15722	83672	203274	861553	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	12799 7566600	60919	322578	752849	2968636	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	6194 3850021	29972	157807	377075	1495738	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	8282 6130815	43791	241141	572081	2321172	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	LinF	1045 1092917	6271	34466	87122	413577	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16999 11597165	94259	492250	1173168	4695936	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4336 2160403	19687	93555	215415	846701	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22817 12386389	114351	585987	1370933	5468823	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3328 1983051	16680	79659	195164	797221	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	12856 7853258	63801	320794	751710	3009762	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	950 523684	5070	22437	53617	211467	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13664 9869499	74931	394553	938710	3807035	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.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

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-1,4-Dichloro-2-butene	FB	LinF	602 497879	4280	16491	44094	188967	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12192 7517888	61156	311810	717074	2891249	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	11162 8728663	59662	330240	795747	3338313	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	3585 3290770	20625	114614	306727	1264208	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14196 9437101	75929	393955	919273	3710850	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19856 12292407	106705	566251	1349551	5472722	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	15061 10287215	81901	445055	1053526	4302979	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8630 4297373	41725	191538	443088	1732952	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8540 4170745	41993	189987	431340	1678108	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	574 593261	3162	16360	46847	226987	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	9453 6209251	51065	266533	612528	2451448	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	8202 4042955	38806	182029	413873	1630289	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	461 356536	2401	11919	30178	140570	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3609 2381792	19579	93809	230686	963497	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	6429 3237214	29964	142830	327034	1368488	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	13672 6268834	53679	260744	623072	2639460	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6332 2922008	28189	130749	302122	1257371	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	176311 202879	187213	204160	196054	196011	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	548708 633054	605328	672485	623843	601040	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	172927 190565	192564	212580	196416	188278	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 117083

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/21/2012 19:52 Calibration End Date: 06/21/2012 23:28 Calibration ID: 16131

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21846.d
Report Date: 25-Jun-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21846.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 21-JUN-2012 19:52
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 19:52 Cal File: d21846.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: 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				190931	40.0000	40
90 Dichlorodifluoromethane	85	1.259	1.259	(0.272)	152793	20.0000	20
1 Chloromethane	50	1.359	1.359	(0.293)	184838	20.0000	20
4 Vinyl Chloride	62	1.423	1.423	(0.307)	183180	20.0000	20
3 Bromomethane	94	1.611	1.611	(0.348)	88816	20.0000	20
5 Chloroethane	64	1.670	1.670	(0.360)	77825	20.0000	20
9 Trichlorofluoromethane	101	1.788	1.788	(0.386)	198387	20.0000	20
161 Dichlorofluoromethane	67	1.835	1.835	(0.396)	244467	20.0000	20
46 Ethyl Ether	59	1.976	1.976	(0.426)	73000	20.0000	20
119 Isoprene	67	1.953	1.953	(0.421)	157800	20.0000	20
47 Acrolein	56	2.341	2.341	(0.505)	165166	300.000	300
10 1,1-Dichloroethene	96	2.100	2.100	(0.453)	77644	20.0000	20
48 Freon TF	101	2.158	2.158	(0.466)	115027	20.0000	20
7 Acetone	43	2.558	2.558	(0.552)	22723	20.0000	20

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21846.d
Report Date: 25-Jun-2012 12:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	==========	====	==	======	======	========	=======	=======
142	Iodomethane	142	2.194	2.194	(0.473)	164073	20.0000	20
8	Carbon Disulfide	76	2.111	2.111	(0.456)	332216	20.0000	20
50	Acetonitrile	41	2.900	2.900	(0.626)	208661	400.000	400
125	Methyl acetate	74	2.641	2.641	(0.570)	11173	20.0000	20
6	Methylene Chloride	84	2.511	2.511	(0.542)	101532	20.0000	20
51	TBA	59	2.835	2.835	(0.612)	149343	400.000	400
52	Acrylonitrile	53	3.129	3.129	(0.675)	181243	150.000	150
12	trans-1,2-Dichloroethene	96	2.617	2.617	(0.565)	88883	20.0000	20
53	MTBE	73	2.717	2.717	(0.586)	231245	20.0000	20
54	Hexane	56	2.670	2.670	(0.576)	109140	20.0000	20
11	1,1-Dichloroethane	63	3.076	3.076	(0.664)	181205	20.0000	20
57	Vinyl Acetate	43	3.288	3.288	(0.709)	144403	20.0000	20
55	DIPE	45	3.011	3.011	(0.650)	347110	20.0000	20
149	tert-Butyl ethyl ether	59	3.288	3.288	(0.709)	372329	20.0000	20
104	2,2-Dichloropropane	77	3.600	3.600	(0.777)	160166	20.0000	20
13	cis-1,2-Dichloroethene	96	3.505	3.505	(0.756)	102048	20.0000	20
18	2-Butanone	43	4.029	4.029	(0.869)	30225	20.0000	20
56	Ethyl Acetate	70	3.864	3.864	(0.834)	12625	40.0000	40
108	Bromochloromethane	128	3.670	3.670	(0.792)	41219	20.0000	20
15	Chloroform	83	3.741	3.741	(0.807)	180187	20.0000	20
20	1,1,1-Trichloroethane	97	3.911	3.911	(0.844)	173958	20.0000	20
59	Cyclohexane	56	3.670	3.670	(0.792)	229781	20.0000	20
21	Carbon Tetrachloride	117	3.847	3.847	(0.830)	157551	20.0000	20
92	1,1-Dichloropropene	75	4.011	4.011	(0.865)	140874	20.0000	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	204160	50.0000	50
28	Benzene	78	4.235	4.235	(0.914)	362692	20.0000	20
17	1,2-Dichloroethane	62	4.429	4.429	(0.956)	105188	20.0000	20
61	Isopropyl Acetate	43	4.729	4.729	(1.020)	256820	40.0000	40
140	tert-Amylmethyl Ether	73	4.382	4.382	(0.945)	228981	20.0000	20
* 69	Fluorobenzene	96	4.635	4.635	(1.000)	815957	50.0000	
62	n-Heptane	57	4.223	4.223	(0.526)	103036	20.0000	20
25	Trichloroethene	95	4.805	4.805	(1.037)	96142	20.0000	20
63	n-Butanol	43	5.241	5.241	(1.131)	79051	1500.00	1500
96	Ethyl Acrylate	55	5.423	5.423	(1.170)	71454	20.0000	20
126	Methyl cyclohexane	83	4.788	4.788	(1.033)	217811	20.0000	20
23	1,2-Dichloropropane	63	5.335	5.335	(1.151)	89710	20.0000	20
109	Dibromomethane	93	5.229	5.229	(1.128)	42873	20.0000	20
95	1,4-Dioxane	88	5.652	5.652	(1.220)	5367	150.000	150
146	Methyl methacrylate	69	5.646	5.646	(1.218)	36938	20.0000	20
64	Propyl Acetate	43	5.817	5.817	(1.255)	166730	40.0000	40
22	Bromodichloromethane	83	5.429	5.429	(1.171)	102545	20.0000	20
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.319)	34916	20.0000	20
118	Epichlorohydrin	57	6.458	6.458	(1.393)	105469	400.000	400
24	cis-1,3-Dichloropropene	75	6.146	6.146	(1.326)	107643	20.0000	20
33	4-Methyl-2-Pentanone	43	6.923	6.923	(1.494)	61662	20.0000	20
$ 37	Toluene-d8 (SUR)	98	6.358	6.358	(0.793)	672485	50.0000	50
38	Toluene	91	6.417	6.417	(0.800)	379655	20.0000	20

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21846.d
Report Date: 25-Jun-2012 12:04

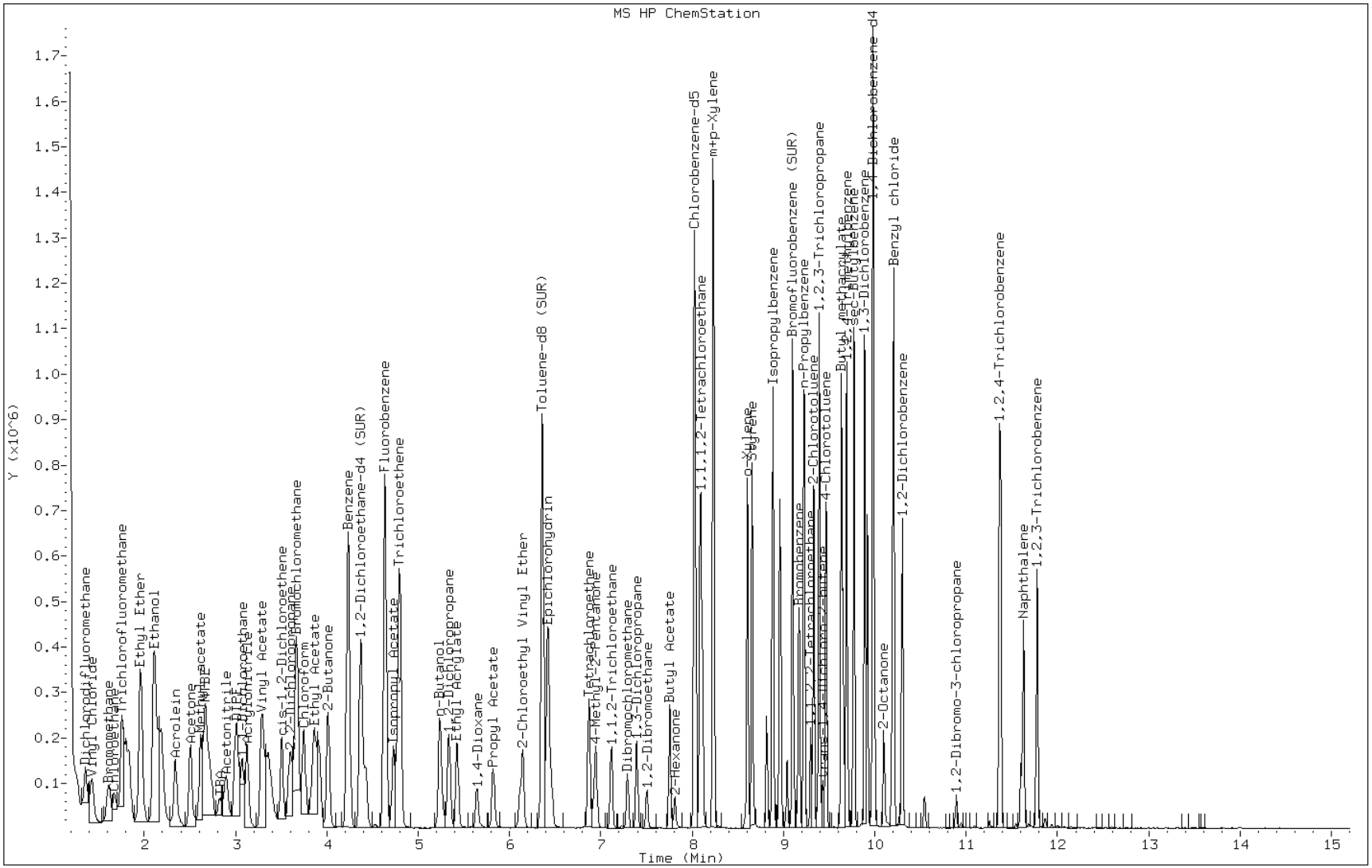
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	29	trans-1,3-Dichloropropene	75	6.946	6.946	(0.866)	86722	20.0000	20
	27	1,1,2-Trichloroethane	83	7.117	7.117	(0.887)	51637	20.0000	20
	35	Tetrachloroethene	166	6.870	6.870	(0.856)	93767	20.0000	20
	103	1,3-Dichloropropane	76	7.393	7.393	(0.922)	100196	20.0000	20
	34	2-Hexanone	43	7.811	7.811	(0.974)	45171	20.0000	20
	26	Dibromochloromethane	129	7.293	7.293	(0.909)	61309	20.0000	20
	65	Butyl Acetate	43	7.752	7.752	(0.966)	181573	40.0000	40
	66	1,2-Dibromoethane	107	7.505	7.505	(0.935)	54138	20.0000	20
*	32	Chlorobenzene-d5	117	8.023	8.023	(1.000)	498195	50.0000	
	39	Chlorobenzene	112	8.040	8.040	(1.002)	228612	20.0000	20
	97	1,1,1,2-Tetrachloroethane	131	8.111	8.111	(1.011)	83672	20.0000	20
	40	Ethylbenzene	106	8.093	8.093	(1.009)	131860	20.0000	20
	43	m+p-Xylene	106	8.229	8.229	(1.026)	322578	40.0000	40
	44	o-Xylene	106	8.605	8.605	(1.073)	157807	20.0000	20
	42	Styrene	104	8.652	8.652	(1.078)	241141	20.0000	20
	31	Bromoform	173	8.658	8.658	(1.079)	34466	20.0000	20
	110	Isopropylbenzene	105	8.882	8.882	(1.107)	492250	20.0000	20
$	41	Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	212580	50.0000	50
	107	Bromobenzene	156	9.170	9.170	(0.919)	93555	20.0000	20
	36	1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	79659	20.0000	20
	99	1,2,3-Trichloropropane	110	9.387	9.387	(0.941)	22437	20.0000	20
	143	trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.036)	16491	20.0000	20
	112	n-Propylbenzene	91	9.223	9.223	(0.925)	585987	20.0000	20
	105	2-Chlorotoluene	91	9.334	9.334	(0.936)	320794	20.0000	20
	106	4-Chlorotoluene	91	9.464	9.464	(0.949)	311810	20.0000	20
	102	1,3,5-Trimethylbenzene	105	9.393	9.393	(0.942)	394553	20.0000	20
	148	Butyl methacrylate	69	9.652	9.652	(0.968)	114614	20.0000	20
	115	tert-Butylbenzene	119	9.634	9.634	(0.966)	330240	20.0000	20
	100	1,2,4-Trimethylbenzene	105	9.693	9.693	(0.972)	393955	20.0000	20
	114	sec-Butylbenzene	105	9.770	9.770	(0.979)	566251	20.0000	20
	67	1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	191538	20.0000	20
*	91	1,4-Dichlorobenzene-d4	152	9.976	9.976	(1.000)	253327	50.0000	
	68	1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	189987	20.0000	20
	113	p-Isopropyltoluene	119	9.887	9.887	(0.991)	445055	20.0000	20
	69	1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	182029	20.0000	20
	117	Benzyl chloride	126	10.187	10.187	(1.021)	16360	20.0000	20
	111	n-Butylbenzene	92	10.205	10.205	(1.023)	266533	20.0000	20
	101	1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.092)	11919	20.0000	20
	93	1,2,4-Trichlorobenzene	180	11.381	11.381	(1.141)	142830	20.0000	20
	94	Hexachlorobutadiene	225	11.364	11.364	(1.139)	93809	20.0000	20
	70	Naphthalene	128	11.628	11.628	(1.166)	260744	20.0000	20
	98	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	130749	20.0000	20
M	45	Xylene (Total)	100				480385	60.0000	60

Data File: d21846.d

Date: 21-JUN-2012 19:52

Client ID: Instrument: VOAMS4.i

Sample Info: ICIS-VMCAL3 Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21849.d
Report Date: 25-Jun-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21849.d
Lab Smp Id: IC-VMCAL2
Inj Date : 21-JUN-2012 21:33
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 21:33 Cal File: d21849.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: 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				38652	10.0000	10
90	Dichlorodifluoromethane	85	1.264	1.259	(0.273)	32553	5.00000	5.2
1	Chloromethane	50	1.358	1.359	(0.293)	37929	5.00000	5.1
4	Vinyl Chloride	62	1.417	1.423	(0.306)	38991	5.00000	5.2
3	Bromomethane	94	1.617	1.611	(0.349)	18474	5.00000	5.1
5	Chloroethane	64	1.676	1.670	(0.362)	17168	5.00000	5.3
9	Trichlorofluoromethane	101	1.788	1.788	(0.386)	44884	5.00000	5.7
161	Dichlorofluoromethane	67	1.841	1.835	(0.397)	56905	5.00000	5.4
46	Ethyl Ether	59	1.976	1.976	(0.426)	16772	5.00000	5.4
119	Isoprene	67	1.958	1.953	(0.423)	33645	5.00000	5.2
47	Acrolein	56	2.341	2.341	(0.505)	109016	200.000	220
10	1,1-Dichloroethene	96	2.100	2.100	(0.453)	15599	5.00000	5.1
48	Freon TF	101	2.158	2.158	(0.466)	25344	5.00000	5.3
7	Acetone	43	2.553	2.558	(0.551)	17281	15.0000	17

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21849.d
Report Date: 25-Jun-2012 12:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	2.194	2.194	(0.473)	37029	5.00000	5.4
8	Carbon Disulfide	76	2.117	2.111	(0.457)	66292	5.00000	5.0
50	Acetonitrile	41	2.905	2.900	(0.627)	51550	100.000	110
125	Methyl acetate	74	2.652	2.641	(0.572)	2732	5.00000	6.1
6	Methylene Chloride	84	2.505	2.511	(0.541)	25505	5.00000	6.3
51	TBA	59	2.841	2.835	(0.613)	35673	100.000	110
52	Acrylonitrile	53	3.129	3.129	(0.675)	120231	100.000	110
12	trans-1,2-Dichloroethene	96	2.617	2.617	(0.565)	18039	5.00000	5.1
53	MTBE	73	2.723	2.717	(0.588)	52400	5.00000	5.4
54	Hexane	56	2.670	2.670	(0.576)	22192	5.00000	5.1
11	1,1-Dichloroethane	63	3.076	3.076	(0.664)	37905	5.00000	5.2
57	Vinyl Acetate	43	3.294	3.288	(0.711)	31341	5.00000	5.2
55	DIPE	45	3.005	3.011	(0.648)	75988	5.00000	5.3
149	tert-Butyl ethyl ether	59	3.288	3.288	(0.709)	63271	5.00000	4.6
104	2,2-Dichloropropane	77	3.594	3.600	(0.775)	32828	5.00000	5.1
13	cis-1,2-Dichloroethene	96	3.505	3.505	(0.756)	20613	5.00000	5.1
18	2-Butanone	43	4.029	4.029	(0.869)	19744	15.0000	16
56	Ethyl Acetate	70	3.858	3.864	(0.832)	3077	10.0000	12
108	Bromochloromethane	128	3.670	3.670	(0.792)	8926	5.00000	5.2
15	Chloroform	83	3.741	3.741	(0.807)	37530	5.00000	5.2
20	1,1,1-Trichloroethane	97	3.911	3.911	(0.844)	33288	5.00000	4.9
59	Cyclohexane	56	3.670	3.670	(0.792)	47069	5.00000	5.1
21	Carbon Tetrachloride	117	3.852	3.847	(0.831)	28921	5.00000	4.8
92	1,1-Dichloropropene	75	4.011	4.011	(0.865)	27875	5.00000	5.0
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	187213	50.0000	54
28	Benzene	78	4.241	4.235	(0.915)	73878	5.00000	5.1
17	1,2-Dichloroethane	62	4.429	4.429	(0.956)	23685	5.00000	5.3
61	Isopropyl Acetate	43	4.729	4.729	(1.020)	52917	10.0000	10
140	tert-Amylmethyl Ether	73	4.382	4.382	(0.945)	48774	5.00000	5.2
* 69	Fluorobenzene	96	4.635	4.635	(1.000)	640123	50.0000	
62	n-Heptane	57	4.235	4.223	(0.528)	18986	5.00000	4.9
25	Trichloroethene	95	4.799	4.805	(1.036)	19746	5.00000	5.1
63	n-Butanol	43	5.241	5.241	(1.131)	50581	1000.00	1100
96	Ethyl Acrylate	55	5.417	5.423	(1.169)	15768	5.00000	5.3
126	Methyl cyclohexane	83	4.782	4.788	(1.032)	45044	5.00000	5.1
23	1,2-Dichloropropane	63	5.335	5.335	(1.151)	19477	5.00000	5.2
109	Dibromomethane	93	5.229	5.229	(1.128)	9587	5.00000	5.3
95	1,4-Dioxane	88	5.658	5.652	(1.221)	3649	100.000	120
146	Methyl methacrylate	69	5.641	5.646	(1.217)	8474	5.00000	5.4
64	Propyl Acetate	43	5.823	5.817	(1.256)	35036	10.0000	10
22	Bromodichloromethane	83	5.429	5.429	(1.171)	20373	5.00000	5.0
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.319)	7843	5.00000	5.3
118	Epichlorohydrin	57	6.452	6.458	(1.392)	22513	100.000	110
24	cis-1,3-Dichloropropene	75	6.141	6.146	(1.325)	19745	5.00000	4.7
33	4-Methyl-2-Pentanone	43	6.929	6.923	(1.495)	39252	15.0000	16
$ 37	Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	605328	50.0000	54
38	Toluene	91	6.423	6.417	(0.801)	81890	5.00000	5.6

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21849.d
Report Date: 25-Jun-2012 12:04

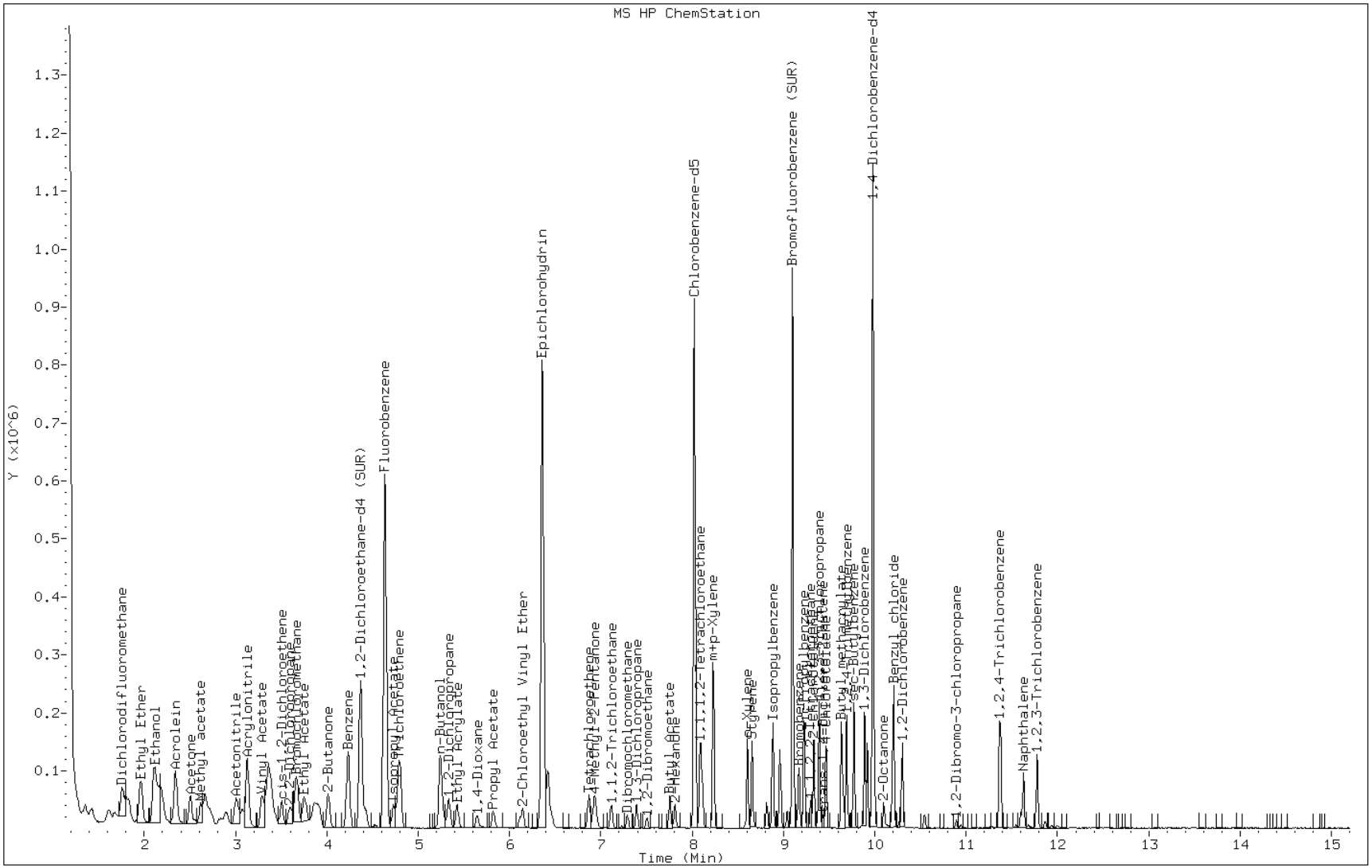
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	29 trans-1,3-Dichloropropene	75	6.946	6.946	(0.866)	15750	5.00000	4.8
	27 1,1,2-Trichloroethane	83	7.111	7.117	(0.886)	11147	5.00000	5.3
	35 Tetrachloroethene	166	6.870	6.870	(0.856)	19254	5.00000	5.2
	103 1,3-Dichloropropane	76	7.393	7.393	(0.922)	21119	5.00000	5.2
	34 2-Hexanone	43	7.811	7.811	(0.974)	26008	15.0000	15
	26 Dibromochloromethane	129	7.293	7.293	(0.909)	11126	5.00000	4.8
	65 Butyl Acetate	43	7.752	7.752	(0.966)	37482	10.0000	10
	66 1,2-Dibromoethane	107	7.505	7.505	(0.935)	11077	5.00000	5.2
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	379272	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.002)	47000	5.00000	5.2
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.012)	15722	5.00000	5.0
	40 Ethylbenzene	106	8.093	8.093	(1.009)	25939	5.00000	5.1
	43 m+p-Xylene	106	8.229	8.229	(1.026)	60919	10.0000	10
	44 o-Xylene	106	8.605	8.605	(1.073)	29972	5.00000	5.0
	42 Styrene	104	8.658	8.652	(1.079)	43791	5.00000	4.9
	31 Bromoform	173	8.658	8.658	(1.079)	6271	5.00000	4.8
	110 Isopropylbenzene	105	8.882	8.882	(1.107)	94259	5.00000	5.0
$	41 Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	192564	50.0000	54
	107 Bromobenzene	156	9.170	9.170	(0.919)	19687	5.00000	5.2
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	16680	5.00000	5.2
	99 1,2,3-Trichloropropane	110	9.381	9.387	(0.940)	5070	5.00000	5.4
	143 trans-1,4-Dichloro-2-butene	53	9.429	9.434	(2.034)	4280	5.00000	6.4
	112 n-Propylbenzene	91	9.223	9.223	(0.925)	114351	5.00000	5.0
	105 2-Chlorotoluene	91	9.329	9.334	(0.935)	63801	5.00000	5.0
	106 4-Chlorotoluene	91	9.464	9.464	(0.949)	61156	5.00000	5.0
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.942)	74931	5.00000	4.9
	148 Butyl methacrylate	69	9.652	9.652	(0.968)	20625	5.00000	4.6
	115 tert-Butylbenzene	119	9.634	9.634	(0.966)	59662	5.00000	4.6
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.972)	75929	5.00000	5.0
	114 sec-Butylbenzene	105	9.770	9.770	(0.979)	106705	5.00000	4.9
	67 1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	41725	5.00000	5.3
*	91 1,4-Dichlorobenzene-d4	152	9.976	9.976	(1.000)	197402	50.0000	
	68 1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	41993	5.00000	5.3
	113 p-Isopropyltoluene	119	9.887	9.887	(0.991)	81901	5.00000	4.8
	69 1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	38806	5.00000	5.2
	117 Benzyl chloride	126	10.187	10.187	(1.021)	3162	5.00000	5.0
	111 n-Butylbenzene	92	10.205	10.205	(1.023)	51065	5.00000	5.0
	101 1,2-Dibromo-3-chloropropane	75	10.887	10.893	(1.091)	2401	5.00000	5.2
	93 1,2,4-Trichlorobenzene	180	11.375	11.381	(1.140)	29964	5.00000	5.2
	94 Hexachlorobutadiene	225	11.364	11.364	(1.139)	19579	5.00000	5.2
	70 Naphthalene	128	11.628	11.628	(1.166)	53679	5.00000	5.3
	98 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	28189	5.00000	5.2
M	45 Xylene (Total)	100				90891	15.0000	15

Data File: d21849.d

Date: 21-JUN-2012 21:33

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VMCAL2 Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21850.d
Report Date: 25-Jun-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21850.d
Lab Smp Id: IC-VMCAL1
Inj Date : 21-JUN-2012 21:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 21:56 Cal File: d21850.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: 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				8409	2.00000	2.2
90	Dichlorodifluoromethane	85	1.258	1.259	(0.271)	6411	1.00000	1.1
1	Chloromethane	50	1.358	1.359	(0.293)	8489	1.00000	1.1
4	Vinyl Chloride	62	1.429	1.423	(0.308)	6423	1.00000	0.94(a)
3	Bromomethane	94	1.623	1.611	(0.350)	4030	1.00000	1.1
5	Chloroethane	64	1.676	1.670	(0.361)	3929	1.00000	1.2
9	Trichlorofluoromethane	101	1.776	1.788	(0.383)	13384	1.00000	1.8
161	Dichlorofluoromethane	67	1.835	1.835	(0.395)	11484	1.00000	1.1
46	Ethyl Ether	59	1.988	1.976	(0.428)	3770	1.00000	1.2
119	Isoprene	67	1.964	1.953	(0.423)	7396	1.00000	1.1
47	Acrolein	56	2.352	2.341	(0.507)	55331	100.000	110
10	1,1-Dichloroethene	96	2.111	2.100	(0.455)	3480	1.00000	1.1
48	Freon TF	101	2.152	2.158	(0.464)	4897	1.00000	1.0
7	Acetone	43	2.570	2.558	(0.554)	13484	10.0000	13

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21850.d
Report Date: 25-Jun-2012 12:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	2.200	2.194	(0.474)	7815	1.00000	1.1
8	Carbon Disulfide	76	2.117	2.111	(0.456)	13423	1.00000	1.0
50	Acetonitrile	41	2.917	2.900	(0.629)	10871	20.0000	23
125	Methyl acetate	74	2.658	2.641	(0.573)	635	1.00000	1.5
6	Methylene Chloride	84	2.511	2.511	(0.541)	8520	1.00000	2.2
51	TBA	59	2.852	2.835	(0.615)	7966	20.0000	24
52	Acrylonitrile	53	3.135	3.129	(0.676)	59396	50.0000	56
12	trans-1,2-Dichloroethene	96	2.623	2.617	(0.565)	3890	1.00000	1.1
53	MTBE	73	2.723	2.717	(0.587)	11131	1.00000	1.1
54	Hexane	56	2.670	2.670	(0.575)	4739	1.00000	1.1
11	1,1-Dichloroethane	63	3.088	3.076	(0.665)	7177	1.00000	1.0
57	Vinyl Acetate	43	3.299	3.288	(0.711)	6818	1.00000	1.1
55	DIPE	45	3.023	3.011	(0.651)	16371	1.00000	1.1
149	tert-Butyl ethyl ether	59	3.294	3.288	(0.710)	12462	1.00000	0.98(a)
104	2,2-Dichloropropane	77	3.599	3.600	(0.776)	6014	1.00000	1.0
13	cis-1,2-Dichloroethene	96	3.511	3.505	(0.757)	4519	1.00000	1.1
18	2-Butanone	43	4.035	4.029	(0.869)	12724	10.0000	10
56	Ethyl Acetate	70	3.864	3.864	(0.833)	425	2.00000	1.8(a)
108	Bromochloromethane	128	3.664	3.670	(0.790)	2055	1.00000	1.2
15	Chloroform	83	3.746	3.741	(0.807)	7890	1.00000	1.1
20	1,1,1-Trichloroethane	97	3.923	3.911	(0.845)	6458	1.00000	1.0
59	Cyclohexane	56	3.658	3.670	(0.788)	9992	1.00000	1.1
21	Carbon Tetrachloride	117	3.852	3.847	(0.830)	5240	1.00000	0.96(a)
92	1,1-Dichloropropene	75	4.017	4.011	(0.866)	5807	1.00000	1.1
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	176311	50.0000	53
28	Benzene	78	4.246	4.235	(0.915)	14992	1.00000	1.1
17	1,2-Dichloroethane	62	4.429	4.429	(0.954)	5094	1.00000	1.1
61	Isopropyl Acetate	43	4.735	4.729	(1.020)	10937	2.00000	2.2
140	tert-Amylmethyl Ether	73	4.388	4.382	(0.945)	10540	1.00000	1.1
* 69	Fluorobenzene	96	4.641	4.635	(1.000)	598880	50.0000	
62	n-Heptane	57	4.235	4.223	(0.528)	4371	1.00000	1.1
25	Trichloroethene	95	4.799	4.805	(1.034)	4060	1.00000	1.1
63	n-Butanol	43	5.252	5.241	(1.132)	23245	500.000	530
96	Ethyl Acrylate	55	5.429	5.423	(1.170)	3655	1.00000	1.2
126	Methyl cyclohexane	83	4.793	4.788	(1.033)	8945	1.00000	1.0
23	1,2-Dichloropropane	63	5.340	5.335	(1.151)	4017	1.00000	1.1
109	Dibromomethane	93	5.229	5.229	(1.127)	1833	1.00000	1.0
95	1,4-Dioxane	88	5.670	5.652	(1.222)	1548	50.0000	53
146	Methyl methacrylate	69	5.652	5.646	(1.218)	1526	1.00000	1.0
64	Propyl Acetate	43	5.823	5.817	(1.255)	7638	2.00000	2.2
22	Bromodichloromethane	83	5.435	5.429	(1.171)	3915	1.00000	1.0
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	1662	1.00000	1.1
118	Epichlorohydrin	57	6.458	6.458	(1.392)	4492	20.0000	23
24	cis-1,3-Dichloropropene	75	6.146	6.146	(1.324)	3780	1.00000	0.96(a)
33	4-Methyl-2-Pentanone	43	6.923	6.923	(1.492)	24890	10.0000	10
$ 37	Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	548708	50.0000	52
38	Toluene	91	6.423	6.417	(0.801)	19061	1.00000	1.4

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21850.d
Report Date: 25-Jun-2012 12:04

			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	6.946	6.946	(0.866)	3198	1.00000	1.1
	27	1,1,2-Trichloroethane	83	7.117	7.117	(0.887)	2294	1.00000	1.1
	35	Tetrachloroethene	166	6.870	6.870	(0.856)	4133	1.00000	1.1
	103	1,3-Dichloropropane	76	7.393	7.393	(0.922)	4582	1.00000	1.2
	34	2-Hexanone	43	7.811	7.811	(0.974)	15822	10.0000	10
	26	Dibromochloromethane	129	7.287	7.293	(0.908)	1924	1.00000	0.91(a)
	65	Butyl Acetate	43	7.758	7.752	(0.967)	7981	2.00000	2.3
	66	1,2-Dibromoethane	107	7.505	7.505	(0.935)	2036	1.00000	1.0
*	32	Chlorobenzene-d5	117	8.023	8.023	(1.000)	345740	50.0000	
	39	Chlorobenzene	112	8.034	8.040	(1.001)	9925	1.00000	1.1
	97	1,1,1,2-Tetrachloroethane	131	8.111	8.111	(1.011)	3036	1.00000	1.0
	40	Ethylbenzene	106	8.093	8.093	(1.009)	5393	1.00000	1.1
	43	m+p-Xylene	106	8.229	8.229	(1.026)	12799	2.00000	2.2
	44	o-Xylene	106	8.605	8.605	(1.073)	6194	1.00000	1.1
	42	Styrene	104	8.652	8.652	(1.078)	8282	1.00000	1.0
	31	Bromoform	173	8.652	8.658	(1.078)	1045	1.00000	0.88(a)
	110	Isopropylbenzene	105	8.881	8.882	(1.107)	16999	1.00000	0.99(a)
$	41	Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	172927	50.0000	53
	107	Bromobenzene	156	9.170	9.170	(0.919)	4336	1.00000	1.2
	36	1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	3328	1.00000	1.1
	99	1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	950	1.00000	1.1
	143	trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.033)	602	1.00000	0.97(a)
	112	n-Propylbenzene	91	9.223	9.223	(0.924)	22817	1.00000	1.1
	105	2-Chlorotoluene	91	9.334	9.334	(0.935)	12856	1.00000	1.1
	106	4-Chlorotoluene	91	9.470	9.464	(0.949)	12192	1.00000	1.1
	102	1,3,5-Trimethylbenzene	105	9.393	9.393	(0.941)	13664	1.00000	1.0
	148	Butyl methacrylate	69	9.652	9.652	(0.967)	3585	1.00000	0.90(a)
	115	tert-Butylbenzene	119	9.634	9.634	(0.965)	11162	1.00000	0.98(a)
	100	1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	14196	1.00000	1.0
	114	sec-Butylbenzene	105	9.770	9.770	(0.979)	19856	1.00000	1.0
	67	1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	8630	1.00000	1.1
*	91	1,4-Dichlorobenzene-d4	152	9.981	9.976	(1.000)	175715	50.0000	
	68	1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	8540	1.00000	1.1
	113	p-Isopropyltoluene	119	9.887	9.887	(0.991)	15061	1.00000	1.0
	69	1,2-Dichlorobenzene	146	10.305	10.299	(1.032)	8202	1.00000	1.1
	117	Benzyl chloride	126	10.187	10.187	(1.021)	574	1.00000	1.0
	111	n-Butylbenzene	92	10.205	10.205	(1.022)	9453	1.00000	1.0
	101	1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	461	1.00000	1.1
	93	1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	6429	1.00000	1.2
	94	Hexachlorobutadiene	225	11.364	11.364	(1.138)	3609	1.00000	1.0
	70	Naphthalene	128	11.628	11.628	(1.165)	13672	1.00000	1.5
	98	1,2,3-Trichlorobenzene	180	11.781	11.775	(1.180)	6332	1.00000	1.2
M	45	Xylene (Total)	100				18993	3.00000	3.3

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21850.d
Report Date: 25-Jun-2012 12:04

QC Flag Legend

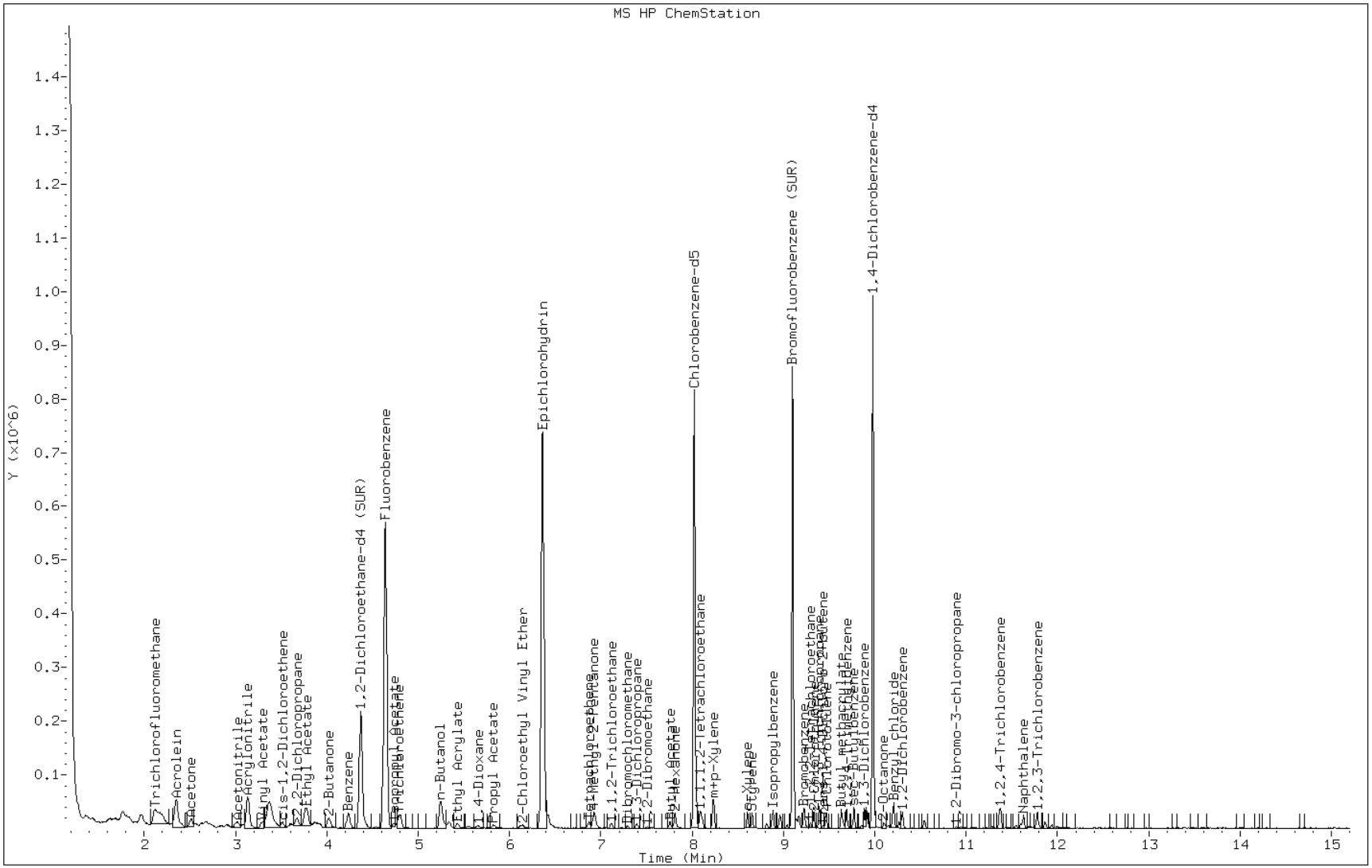
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d21850.d

Date: 21-JUN-2012 21:56

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VMCAL1 Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21852.d
Report Date: 25-Jun-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21852.d
Lab Smp Id: IC-VMCAL4
Inj Date : 21-JUN-2012 22:41
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 22:41 Cal File: d21852.d
Als bottle: 8 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				436597	100.000	92
90 Dichlorodifluoromethane	85	1.264	1.259	(0.272)	382115	50.0000	50
1 Chloromethane	50	1.364	1.359	(0.294)	434347	50.0000	46
4 Vinyl Chloride	62	1.435	1.423	(0.309)	433030	50.0000	50
3 Bromomethane	94	1.623	1.611	(0.350)	208842	50.0000	46
5 Chloroethane	64	1.682	1.670	(0.362)	187969	50.0000	45
9 Trichlorofluoromethane	101	1.788	1.788	(0.385)	478198	50.0000	50
161 Dichlorofluoromethane	67	1.841	1.835	(0.397)	578172	50.0000	45
46 Ethyl Ether	59	1.982	1.976	(0.427)	181293	50.0000	46
119 Isoprene	67	1.964	1.953	(0.423)	383904	50.0000	47
47 Acrolein	56	2.347	2.341	(0.506)	212574	400.000	350
10 1,1-Dichloroethene	96	2.105	2.100	(0.454)	177765	50.0000	46
48 Freon TF	101	2.164	2.158	(0.466)	285450	50.0000	49
7 Acetone	43	2.564	2.558	(0.553)	53590	50.0000	47

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21852.d
Report Date: 25-Jun-2012 12:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	142 Iodomethane	142	2.205	2.194	(0.475)	404062	50.0000	46
	8 Carbon Disulfide	76	2.123	2.111	(0.458)	845960	50.0000	52
	50 Acetonitrile	41	2.905	2.900	(0.626)	614235	1000.00	1000
	125 Methyl acetate	74	2.652	2.641	(0.572)	29545	50.0000	51
	6 Methylene Chloride	84	2.517	2.511	(0.542)	222486	50.0000	49
	51 TBA	59	2.835	2.835	(0.611)	382605	1000.00	920
	52 Acrylonitrile	53	3.135	3.129	(0.676)	250828	200.000	190
	12 trans-1,2-Dichloroethene	96	2.623	2.617	(0.565)	201609	50.0000	46
	53 MTBE	73	2.729	2.717	(0.588)	580200	50.0000	47
	54 Hexane	56	2.682	2.670	(0.578)	263948	50.0000	48
	11 1,1-Dichloroethane	63	3.082	3.076	(0.664)	420088	50.0000	48
	57 Vinyl Acetate	43	3.294	3.288	(0.710)	366942	50.0000	48
	55 DIPE	45	3.017	3.011	(0.650)	866999	50.0000	48
	149 tert-Butyl ethyl ether	59	3.300	3.288	(0.711)	831170	50.0000	51
	104 2,2-Dichloropropane	77	3.605	3.600	(0.777)	374014	50.0000	49
	13 cis-1,2-Dichloroethene	96	3.511	3.505	(0.757)	234988	50.0000	46
	18 2-Butanone	43	4.029	4.029	(0.868)	75934	50.0000	49
	56 Ethyl Acetate	70	3.876	3.864	(0.835)	35040	100.000	100
	108 Bromochloromethane	128	3.676	3.670	(0.792)	94485	50.0000	44
	15 Chloroform	83	3.747	3.741	(0.807)	419349	50.0000	47
	20 1,1,1-Trichloroethane	97	3.917	3.911	(0.844)	399925	50.0000	49
	59 Cyclohexane	56	3.676	3.670	(0.792)	568284	50.0000	49
	21 Carbon Tetrachloride	117	3.852	3.847	(0.830)	368964	50.0000	52
	92 1,1-Dichloropropene	75	4.017	4.011	(0.866)	321834	50.0000	47
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	196054	50.0000	47
	28 Benzene	78	4.241	4.235	(0.914)	835962	50.0000	47
	17 1,2-Dichloroethane	62	4.435	4.429	(0.956)	249452	50.0000	45
	61 Isopropyl Acetate	43	4.729	4.729	(1.019)	684657	100.000	100
	140 tert-Amylmethyl Ether	73	4.382	4.382	(0.944)	594290	50.0000	50
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	767601	50.0000	
	62 n-Heptane	57	4.235	4.223	(0.528)	260251	50.0000	50
	25 Trichloroethene	95	4.805	4.805	(1.035)	226748	50.0000	48
	63 n-Butanol	43	5.246	5.241	(1.131)	109117	2000.00	1900
	96 Ethyl Acrylate	55	5.423	5.423	(1.169)	187966	50.0000	48
	126 Methyl cyclohexane	83	4.794	4.788	(1.033)	554864	50.0000	51
	23 1,2-Dichloropropane	63	5.341	5.335	(1.151)	216032	50.0000	47
	109 Dibromomethane	93	5.229	5.229	(1.127)	105988	50.0000	48
	95 1,4-Dioxane	88	5.664	5.652	(1.221)	7931	200.000	200
	146 Methyl methacrylate	69	5.646	5.646	(1.217)	101212	50.0000	52
	64 Propyl Acetate	43	5.823	5.817	(1.255)	453059	100.000	100
	22 Bromodichloromethane	83	5.429	5.429	(1.170)	253610	50.0000	51
	30 2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	94020	50.0000	50
	118 Epichlorohydrin	57	6.458	6.458	(1.392)	294897	1000.00	1000
	24 cis-1,3-Dichloropropene	75	6.146	6.146	(1.324)	269487	50.0000	50
	33 4-Methyl-2-Pentanone	43	6.929	6.923	(1.493)	166902	50.0000	51
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	623843	50.0000	46
	38 Toluene	91	6.423	6.417	(0.801)	863774	50.0000	50

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21852.d
Report Date: 25-Jun-2012 12:04

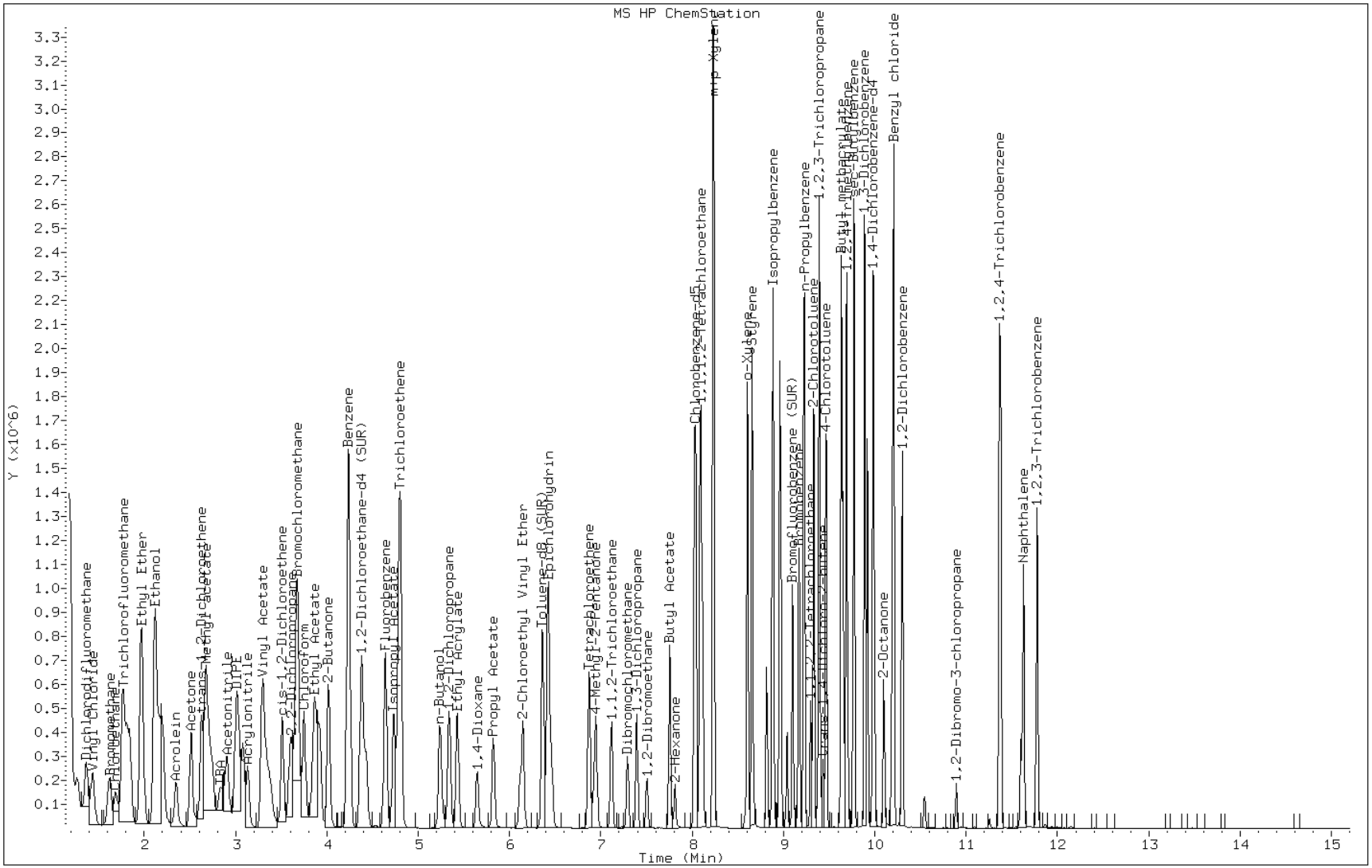
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	29 trans-1,3-Dichloropropene	75	6.946	6.946	(0.866)	214764	50.0000	50
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.887)	122945	50.0000	46
	35 Tetrachloroethene	166	6.870	6.870	(0.856)	211506	50.0000	45
	103 1,3-Dichloropropane	76	7.393	7.393	(0.922)	242998	50.0000	46
	34 2-Hexanone	43	7.811	7.811	(0.974)	111418	50.0000	52
	26 Dibromochloromethane	129	7.293	7.293	(0.909)	149827	50.0000	50
	65 Butyl Acetate	43	7.752	7.752	(0.966)	488261	100.000	100
	66 1,2-Dibromoethane	107	7.505	7.505	(0.935)	131128	50.0000	49
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	466673	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.002)	524638	50.0000	45
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.012)	203274	50.0000	51
	40 Ethylbenzene	106	8.093	8.093	(1.009)	309778	50.0000	48
	43 m+p-Xylene	106	8.229	8.229	(1.026)	752849	100.000	96
	44 o-Xylene	106	8.605	8.605	(1.073)	377075	50.0000	49
	42 Styrene	104	8.658	8.652	(1.079)	572081	50.0000	51
	31 Bromoform	173	8.658	8.658	(1.079)	87122	50.0000	50
	110 Isopropylbenzene	105	8.882	8.882	(1.107)	1173168	50.0000	51
$	41 Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	196416	50.0000	47
	107 Bromobenzene	156	9.170	9.170	(0.919)	215415	50.0000	46
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	195164	50.0000	49
	99 1,2,3-Trichloropropane	110	9.381	9.387	(0.940)	53617	50.0000	47
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.033)	44094	50.0000	51
	112 n-Propylbenzene	91	9.229	9.223	(0.925)	1370933	50.0000	50
	105 2-Chlorotoluene	91	9.329	9.334	(0.935)	751710	50.0000	49
	106 4-Chlorotoluene	91	9.464	9.464	(0.949)	717074	50.0000	49
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.942)	938710	50.0000	52
	148 Butyl methacrylate	69	9.652	9.652	(0.968)	306727	50.0000	51
	115 tert-Butylbenzene	119	9.634	9.634	(0.966)	795747	50.0000	50
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.972)	919273	50.0000	50
	114 sec-Butylbenzene	105	9.770	9.770	(0.979)	1349551	50.0000	52
	67 1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	443088	50.0000	46
*	91 1,4-Dichlorobenzene-d4	152	9.976	9.976	(1.000)	230633	50.0000	
	68 1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	431340	50.0000	45
	113 p-Isopropyltoluene	119	9.887	9.887	(0.991)	1053526	50.0000	52
	69 1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	413873	50.0000	45
	117 Benzyl chloride	126	10.187	10.187	(1.021)	46847	50.0000	51
	111 n-Butylbenzene	92	10.205	10.205	(1.023)	612528	50.0000	50
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.092)	30178	50.0000	51
	93 1,2,4-Trichlorobenzene	180	11.375	11.381	(1.140)	327034	50.0000	46
	94 Hexachlorobutadiene	225	11.364	11.364	(1.139)	230686	50.0000	51
	70 Naphthalene	128	11.628	11.628	(1.166)	623072	50.0000	50
	98 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	302122	50.0000	45
M	45 Xylene (Total)	100				1129924	150.000	140

Data File: d21852.d

Date: 21-JUN-2012 22:41

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VMCAL4 Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21853.d
Report Date: 25-Jun-2012 12:04

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21853.d
Lab Smp Id: IC-VMCAL5
Inj Date : 21-JUN-2012 23:05
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:05 Cal File: d21853.d
Als bottle: 9 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				1633258	400.000	410
90 Dichlorodifluoromethane	85	1.252	1.259	(0.270)	1453709	200.000	220
1 Chloromethane	50	1.358	1.359	(0.293)	1725328	200.000	220
4 Vinyl Chloride	62	1.423	1.423	(0.307)	1727657	200.000	230
3 Bromomethane	94	1.617	1.611	(0.349)	824585	200.000	220
5 Chloroethane	64	1.682	1.670	(0.363)	754353	200.000	210(A)
9 Trichlorofluoromethane	101	1.788	1.788	(0.386)	1884552	200.000	200(A)
161 Dichlorofluoromethane	67	1.835	1.835	(0.396)	2480902	200.000	220
46 Ethyl Ether	59	1.970	1.976	(0.425)	658314	200.000	200
119 Isoprene	67	1.952	1.953	(0.421)	1418064	200.000	210
47 Acrolein	56	2.335	2.341	(0.504)	260205	500.000	510
10 1,1-Dichloroethene	96	2.094	2.100	(0.452)	631743	200.000	200
48 Freon TF	101	2.152	2.158	(0.464)	1084251	200.000	220
7 Acetone	43	2.552	2.558	(0.551)	208669	200.000	200

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21853.d
Report Date: 25-Jun-2012 12:04

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	2.194	2.194	(0.473)	1406271	200.000	200
	8 Carbon Disulfide	76	2.111	2.111	(0.456)	3210525	200.000	230
	50 Acetonitrile	41	2.894	2.900	(0.624)	1805576	4000.00	3700
	125 Methyl acetate	74	2.641	2.641	(0.570)	123875	200.000	200
	6 Methylene Chloride	84	2.505	2.511	(0.541)	806018	200.000	200
	51 TBA	59	2.829	2.835	(0.610)	1662815	4000.00	4600
	52 Acrylonitrile	53	3.123	3.129	(0.674)	311454	250.000	270
	12 trans-1,2-Dichloroethene	96	2.611	2.617	(0.563)	745841	200.000	200
	53 MTBE	73	2.717	2.717	(0.586)	2267103	200.000	220
	54 Hexane	56	2.670	2.670	(0.576)	959940	200.000	210
	11 1,1-Dichloroethane	63	3.076	3.076	(0.664)	1626328	200.000	220
	57 Vinyl Acetate	43	3.288	3.288	(0.709)	1445233	200.000	220
	55 DIPE	45	3.005	3.011	(0.648)	3461445	200.000	220
	149 tert-Butyl ethyl ether	59	3.288	3.288	(0.709)	2964596	200.000	210
	104 2,2-Dichloropropane	77	3.599	3.600	(0.777)	1519921	200.000	230
	13 cis-1,2-Dichloroethene	96	3.505	3.505	(0.756)	887417	200.000	210
	18 2-Butanone	43	4.017	4.029	(0.867)	341643	200.000	250
	56 Ethyl Acetate	70	3.870	3.864	(0.835)	144518	400.000	400
	108 Bromochloromethane	128	3.670	3.670	(0.792)	362654	200.000	200
	15 Chloroform	83	3.741	3.741	(0.807)	1621441	200.000	210
	20 1,1,1-Trichloroethane	97	3.911	3.911	(0.844)	1644512	200.000	230
	59 Cyclohexane	56	3.670	3.670	(0.792)	2228336	200.000	220
	21 Carbon Tetrachloride	117	3.852	3.847	(0.831)	1499301	200.000	240
	92 1,1-Dichloropropene	75	4.011	4.011	(0.865)	1260831	200.000	220
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.943)	196011	50.0000	55
	28 Benzene	78	4.235	4.235	(0.914)	3274852	200.000	220
	17 1,2-Dichloroethane	62	4.429	4.429	(0.956)	965246	200.000	210
	61 Isopropyl Acetate	43	4.729	4.729	(1.020)	2842059	400.000	490
	140 tert-Amylmethyl Ether	73	4.382	4.382	(0.945)	2318050	200.000	220
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	639177	50.0000	
	62 n-Heptane	57	4.229	4.223	(0.521)	997677	200.000	220
	25 Trichloroethene	95	4.799	4.805	(1.036)	871608	200.000	220
	63 n-Butanol	43	5.240	5.241	(1.131)	151978	2500.00	3100(A)
	96 Ethyl Acrylate	55	5.417	5.423	(1.169)	814202	200.000	240
	126 Methyl cyclohexane	83	4.788	4.788	(1.033)	2176414	200.000	230
	23 1,2-Dichloropropane	63	5.335	5.335	(1.151)	859188	200.000	220
	109 Dibromomethane	93	5.229	5.229	(1.128)	413040	200.000	220
	95 1,4-Dioxane	88	5.658	5.652	(1.221)	11270	250.000	290
	146 Methyl methacrylate	69	5.640	5.646	(1.217)	428568	200.000	250
	64 Propyl Acetate	43	5.817	5.817	(1.255)	1953686	400.000	500(A)
	22 Bromodichloromethane	83	5.423	5.429	(1.170)	1090811	200.000	250
	30 2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.319)	394151	200.000	240
	118 Epichlorohydrin	57	6.458	6.458	(1.393)	1270876	4000.00	4000
	24 cis-1,3-Dichloropropene	75	6.146	6.146	(1.326)	1173149	200.000	200
	33 4-Methyl-2-Pentanone	43	6.923	6.923	(1.494)	725913	200.000	200
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.783)	601040	50.0000	51
	38 Toluene	91	6.417	6.417	(0.791)	3356714	200.000	200

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	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	6.946	6.946	(0.856)	968605	200.000	200	
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.877)	505617	200.000	220	
	35 Tetrachloroethene	166	6.870	6.870	(0.846)	821930	200.000	200	
	103 1,3-Dichloropropane	76	7.393	7.393	(0.911)	984286	200.000	220	
	34 2-Hexanone	43	7.811	7.811	(0.962)	483552	200.000	250	
	26 Dibromochloromethane	129	7.293	7.293	(0.899)	676511	200.000	200	
	65 Butyl Acetate	43	7.752	7.752	(0.955)	2143217	400.000	500	
	66 1,2-Dibromoethane	107	7.505	7.505	(0.925)	533025	200.000	230	
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	394868	50.0000	(H)	
	39 Chlorobenzene	112	8.040	8.040	(0.991)	2073094	200.000	210	
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.000)	861553	200.000	240	
	40 Ethylbenzene	106	8.093	8.093	(0.997)	1222139	200.000	220	
	43 m+p-Xylene	106	8.234	8.229	(1.014)	2968636	400.000	440	
	44 o-Xylene	106	8.605	8.605	(1.060)	1495738	200.000	220	
	42 Styrene	104	8.658	8.652	(1.067)	2321172	200.000	230	
	31 Bromoform	173	8.658	8.658	(1.067)	413577	200.000	200	
	110 Isopropylbenzene	105	8.887	8.882	(1.095)	4695936	200.000	230	
$	41 Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	188278	50.0000	54	
	107 Bromobenzene	156	9.170	9.170	(0.919)	846701	200.000	220	
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	797221	200.000	240	
	99 1,2,3-Trichloropropane	110	9.381	9.387	(0.940)	211467	200.000	220	
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.036)	188967	200.000	200	
	112 n-Propylbenzene	91	9.228	9.223	(0.925)	5468823	200.000	230	
	105 2-Chlorotoluene	91	9.334	9.334	(0.935)	3009762	200.000	230	
	106 4-Chlorotoluene	91	9.470	9.464	(0.949)	2891249	200.000	230	
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.941)	3807035	200.000	240	
	148 Butyl methacrylate	69	9.652	9.652	(0.967)	1264208	200.000	200	
	115 tert-Butylbenzene	119	9.634	9.634	(0.965)	3338313	200.000	200	
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	3710850	200.000	240	
	114 sec-Butylbenzene	105	9.775	9.770	(0.979)	5472722	200.000	240	
	67 1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	1732952	200.000	220	
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.976	(1.000)	187073	50.0000		
	68 1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	1678108	200.000	210	
	113 p-Isopropyltoluene	119	9.893	9.887	(0.991)	4302979	200.000	250	
	69 1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	1630289	200.000	220	
	117 Benzyl chloride	126	10.187	10.187	(1.021)	226987	200.000	200	
	111 n-Butylbenzene	92	10.205	10.205	(1.022)	2451448	200.000	240	
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	140570	200.000	200	
	93 1,2,4-Trichlorobenzene	180	11.375	11.381	(1.140)	1368488	200.000	230	
	94 Hexachlorobutadiene	225	11.364	11.364	(1.138)	963497	200.000	250	
	70 Naphthalene	128	11.628	11.628	(1.165)	2639460	200.000	200	
	98 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	1257371	200.000	220	
M	45 Xylene (Total)	100				4464374	600.000	660	

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21853.d
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QC Flag Legend

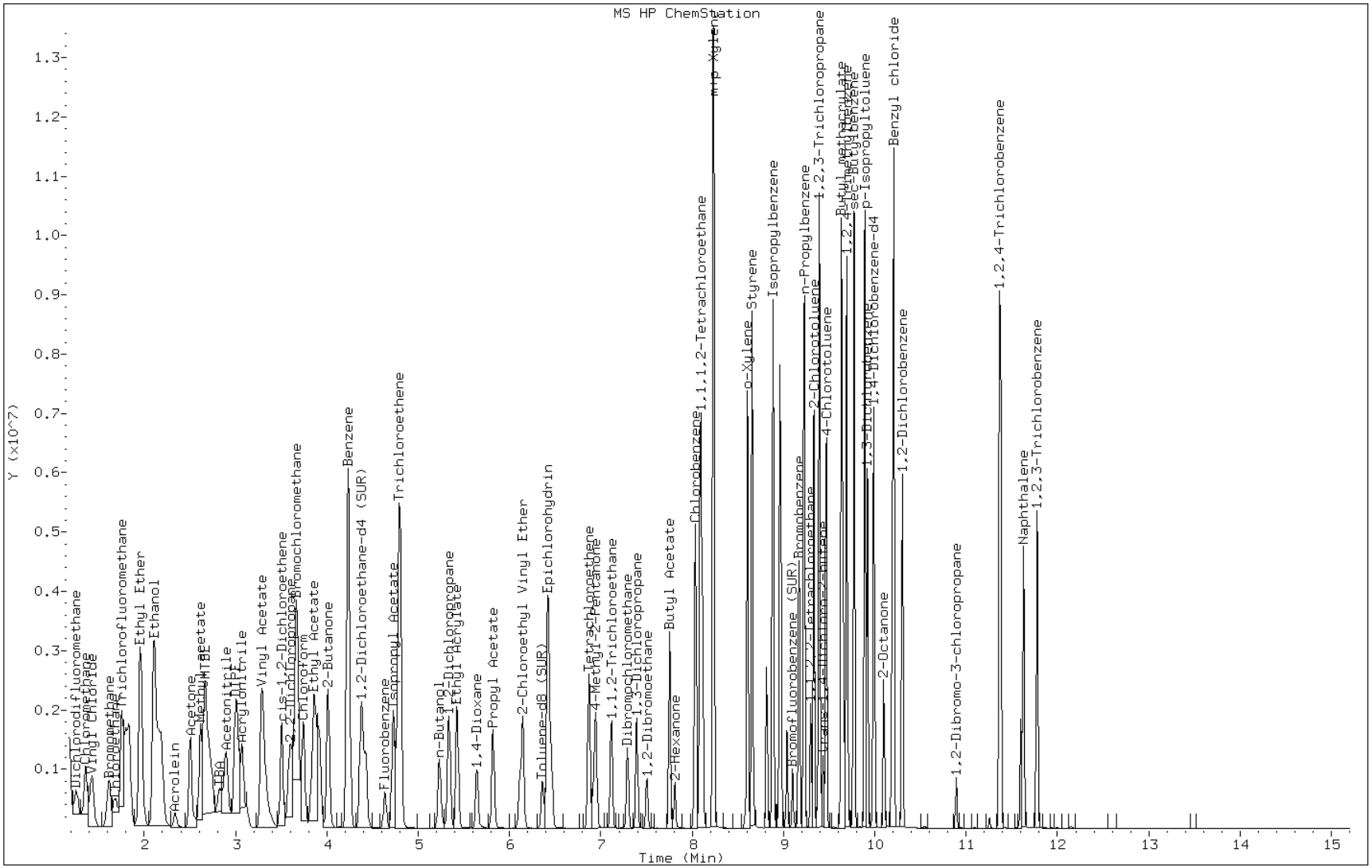
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: d21853.d

Date: 21-JUN-2012 23:05

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VMCAL5 Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21854.d
Report Date: 25-Jun-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21854.d
Lab Smp Id: IC-VMCAL6
Inj Date : 21-JUN-2012 23:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:04 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 10 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)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				4306734	1000.00	920
90 Dichlorodifluoromethane	85	1.258	1.259	(0.271)	3586837	500.000	460
1 Chloromethane	50	1.364	1.359	(0.294)	4378543	500.000	460
4 Vinyl Chloride	62	1.429	1.423	(0.308)	4243831	500.000	470
3 Bromomethane	94	1.617	1.611	(0.348)	1960021	500.000	440
5 Chloroethane	64	1.694	1.670	(0.365)	1663976	500.000	390(A)
9 Trichlorofluoromethane	101	1.794	1.788	(0.387)	4036363	500.000	360(A)
161 Dichlorofluoromethane	67	1.835	1.835	(0.395)	5746013	500.000	440
46 Ethyl Ether	59	1.976	1.976	(0.426)	1584322	500.000	400(A)
119 Isoprene	67	1.953	1.953	(0.421)	3542998	500.000	440
47 Acrolein	56	2.341	2.341	(0.504)	305878	600.000	520
10 1,1-Dichloroethene	96	2.100	2.100	(0.452)	1610527	500.000	430
48 Freon TF	101	2.158	2.158	(0.465)	2718715	500.000	460
7 Acetone	43	2.558	2.558	(0.551)	974573	1000.00	980

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Report Date: 25-Jun-2012 12:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
142	Iodomethane	142	2.194	2.194	(0.473)	3534116	500.000	420
8	Carbon Disulfide	76	2.111	2.111	(0.455)	8335996	500.000	490
50	Acetonitrile	41	2.900	2.900	(0.625)	5931974	10000.0	10000(A)
125	Methyl acetate	74	2.647	2.641	(0.570)	313668	500.000	490
6	Methylene Chloride	84	2.505	2.511	(0.540)	2077772	500.000	490
51	TBA	59	2.852	2.835	(0.615)	4152252	10000.0	9600
52	Acrylonitrile	53	3.129	3.129	(0.674)	379996	300.000	280
12	trans-1,2-Dichloroethene	96	2.617	2.617	(0.564)	1933605	500.000	450
53	MTBE	73	2.723	2.717	(0.587)	5730641	500.000	460
54	Hexane	56	2.670	2.670	(0.575)	2469066	500.000	460
11	1,1-Dichloroethane	63	3.076	3.076	(0.663)	4296748	500.000	480
57	Vinyl Acetate	43	3.294	3.288	(0.710)	3755963	500.000	480
55	DIPE	45	3.011	3.011	(0.649)	9083404	500.000	490
149	tert-Butyl ethyl ether	59	3.294	3.288	(0.710)	7533019	500.000	460
104	2,2-Dichloropropane	77	3.605	3.600	(0.777)	4108354	500.000	510(A)
13	cis-1,2-Dichloroethene	96	3.505	3.505	(0.755)	2373129	500.000	470
18	2-Butanone	43	4.023	4.029	(0.867)	1631304	1000.00	1000
56	Ethyl Acetate	70	3.870	3.864	(0.834)	370052	1000.00	970
108	Bromochloromethane	128	3.670	3.670	(0.791)	929057	500.000	440
15	Chloroform	83	3.747	3.741	(0.807)	4362931	500.000	480
20	1,1,1-Trichloroethane	97	3.917	3.911	(0.844)	4321020	500.000	510(A)
59	Cyclohexane	56	3.676	3.670	(0.792)	6054463	500.000	510(A)
21	Carbon Tetrachloride	117	3.852	3.847	(0.830)	4033531	500.000	530(A)
92	1,1-Dichloropropene	75	4.011	4.011	(0.864)	3336083	500.000	480
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	202879	50.0000	48
28	Benzene	78	4.241	4.235	(0.914)	8735600	500.000	490
17	1,2-Dichloroethane	62	4.435	4.429	(0.956)	2502518	500.000	460
61	Isopropyl Acetate	43	4.729	4.729	(1.019)	7354383	1000.00	1000(A)
140	tert-Amylmethyl Ether	73	4.382	4.382	(0.944)	6008131	500.000	490
* 69	Fluorobenzene	96	4.641	4.635	(1.000)	766364	50.0000	
62	n-Heptane	57	4.235	4.223	(0.522)	2609715	500.000	490
25	Trichloroethene	95	4.805	4.805	(1.035)	2312384	500.000	480
63	n-Butanol	43	5.241	5.241	(1.129)	184747	3000.00	3100(A)
96	Ethyl Acrylate	55	5.423	5.423	(1.169)	2127033	500.000	520(A)
126	Methyl cyclohexane	83	4.794	4.788	(1.033)	5595771	500.000	500
23	1,2-Dichloropropane	63	5.341	5.335	(1.151)	2268502	500.000	480
109	Dibromomethane	93	5.229	5.229	(1.127)	1065642	500.000	480
95	1,4-Dioxane	88	5.658	5.652	(1.219)	80543	2000.00	2000
146	Methyl methacrylate	69	5.646	5.646	(1.217)	1113579	500.000	530(A)
64	Propyl Acetate	43	5.817	5.817	(1.254)	5034164	1000.00	1100(A)
22	Bromodichloromethane	83	5.429	5.429	(1.170)	2972777	500.000	550(A)
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	1043128	500.000	520(A)
118	Epichlorohydrin	57	6.458	6.458	(1.392)	3257398	10000.0	9800
24	cis-1,3-Dichloropropene	75	6.146	6.146	(1.324)	3177753	500.000	490
33	4-Methyl-2-Pentanone	43	6.923	6.923	(1.492)	3618688	1000.00	990
$ 37	Toluene-d8 (SUR)	98	6.358	6.358	(0.783)	633054	50.0000	46
38	Toluene	91	6.423	6.417	(0.791)	8963369	500.000	490

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Report Date: 25-Jun-2012 12:04

			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	6.946	6.946	(0.856)	2612966	500.000	490
	27	1,1,2-Trichloroethane	83	7.117	7.117	(0.877)	1295758	500.000	470
	35	Tetrachloroethene	166	6.870	6.870	(0.846)	2142896	500.000	450
	103	1,3-Dichloropropane	76	7.393	7.393	(0.911)	2570790	500.000	480
	34	2-Hexanone	43	7.811	7.811	(0.962)	2364773	1000.00	1000(A)
	26	Dibromochloromethane	129	7.293	7.293	(0.899)	1840069	500.000	490
	65	Butyl Acetate	43	7.752	7.752	(0.955)	5599188	1000.00	1100(A)
	66	1,2-Dibromoethane	107	7.505	7.505	(0.925)	1370509	500.000	490
*	32	Chlorobenzene-d5	117	8.023	8.023	(1.000)	470761	50.0000	(H)
	39	Chlorobenzene	112	8.040	8.040	(0.991)	5413606	500.000	460
	97	1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.000)	2241689	500.000	520(A)
	40	Ethylbenzene	106	8.093	8.093	(0.997)	3164701	500.000	480
	43	m+p-Xylene	106	8.234	8.229	(1.014)	7566600	1000.00	950
	44	o-Xylene	106	8.611	8.605	(1.061)	3850021	500.000	480
	42	Styrene	104	8.658	8.652	(1.067)	6130815	500.000	520(A)
	31	Bromoform	173	8.658	8.658	(1.067)	1092917	500.000	490
	110	Isopropylbenzene	105	8.887	8.882	(1.095)	11597165	500.000	480
$	41	Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	190565	50.0000	48
	107	Bromobenzene	156	9.170	9.170	(0.919)	2160403	500.000	480
	36	1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	1983051	500.000	510(A)
	99	1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	523684	500.000	480
	143	trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.033)	497879	500.000	490
	112	n-Propylbenzene	91	9.223	9.223	(0.924)	12386389	500.000	460
	105	2-Chlorotoluene	91	9.334	9.334	(0.935)	7853258	500.000	520(A)
	106	4-Chlorotoluene	91	9.470	9.464	(0.949)	7517888	500.000	520(A)
	102	1,3,5-Trimethylbenzene	105	9.399	9.393	(0.942)	9869499	500.000	540(A)
	148	Butyl methacrylate	69	9.658	9.652	(0.968)	3290770	500.000	490
	115	tert-Butylbenzene	119	9.634	9.634	(0.965)	8728663	500.000	490
	100	1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	9437101	500.000	520(A)
	114	sec-Butylbenzene	105	9.770	9.770	(0.979)	12292407	500.000	480
	67	1,3-Dichlorobenzene	146	9.923	9.917	(0.994)	4297373	500.000	470
*	91	1,4-Dichlorobenzene-d4	152	9.981	9.976	(1.000)	217483	50.0000	
	68	1,4-Dichlorobenzene	146	9.993	9.987	(1.001)	4170745	500.000	460
	113	p-Isopropyltoluene	119	9.893	9.887	(0.991)	10287215	500.000	510(A)
	69	1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	4042955	500.000	470
	117	Benzyl chloride	126	10.187	10.187	(1.021)	593261	500.000	490
	111	n-Butylbenzene	92	10.205	10.205	(1.022)	6209251	500.000	510(A)
	101	1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	356536	500.000	490
	93	1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	3237214	500.000	470
	94	Hexachlorobutadiene	225	11.364	11.364	(1.138)	2381792	500.000	520(A)
	70	Naphthalene	128	11.628	11.628	(1.165)	6268834	500.000	480
	98	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	2922008	500.000	460
M	45	Xylene (Total)	100				11416621	1500.00	1400

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21854.d
Report Date: 25-Jun-2012 12:04

QC Flag Legend

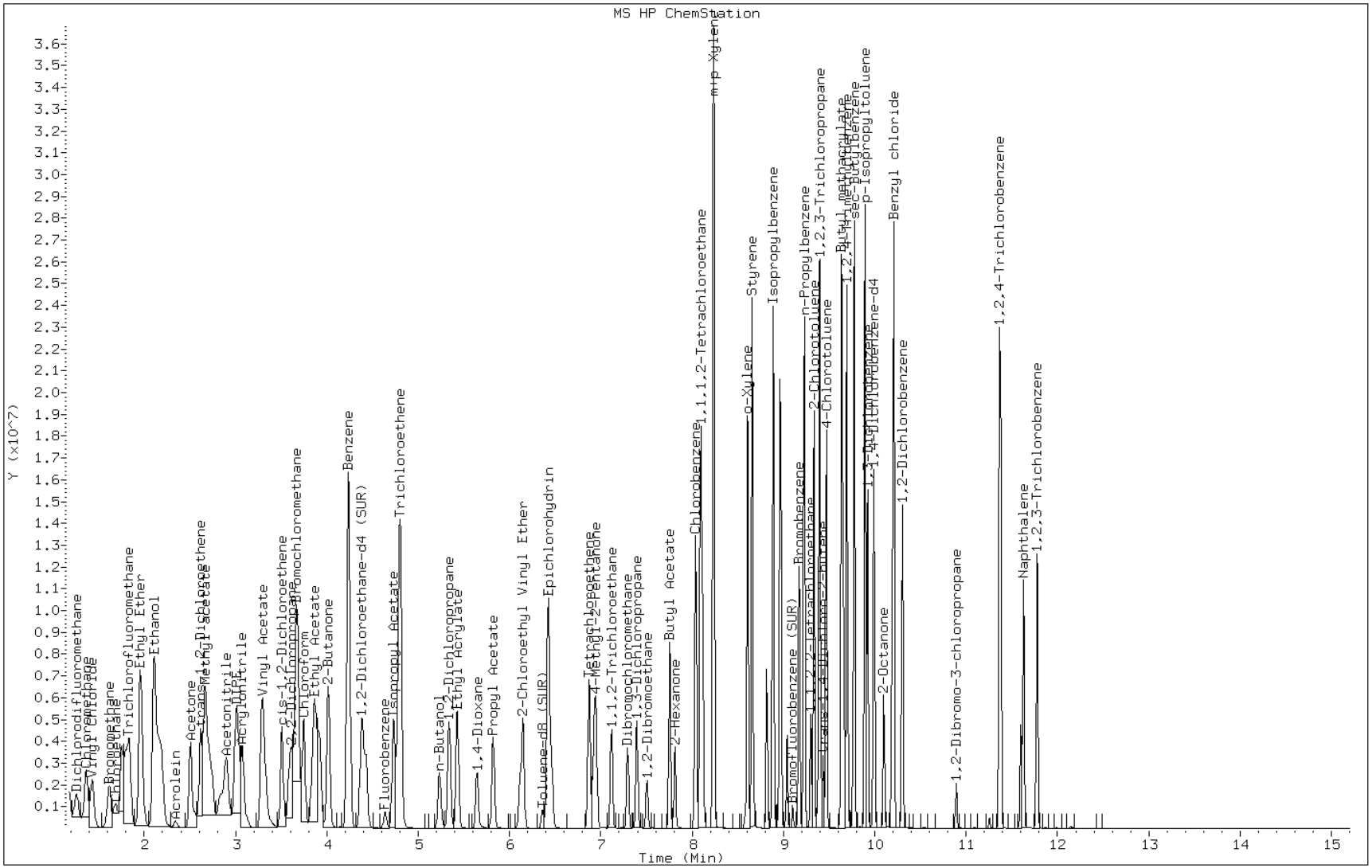
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: d21854.d

Date: 21-JUN-2012 23:28

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VMCAL6 Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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	0.0573	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
1,2-Dichloroethane-d4 (Surr)	Ave	0.2473	0.2548		51.5	50.0	3.0	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

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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
Tert-amyl methyl ether	Ave	0.7539	0.7113		18.9	20.0	-5.7	50.0
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-d8 (Surr)	Ave	1.101	1.065		48.3	50.0	-3.3	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
Bromofluorobenzene	Ave	0.6798	0.6803		50.0	50.0	0.0	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	0.0981	0.0992		20.2	20.0	1.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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
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
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
p-Isopropyltoluene	Ave	4.306	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	4.378	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

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

			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)	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

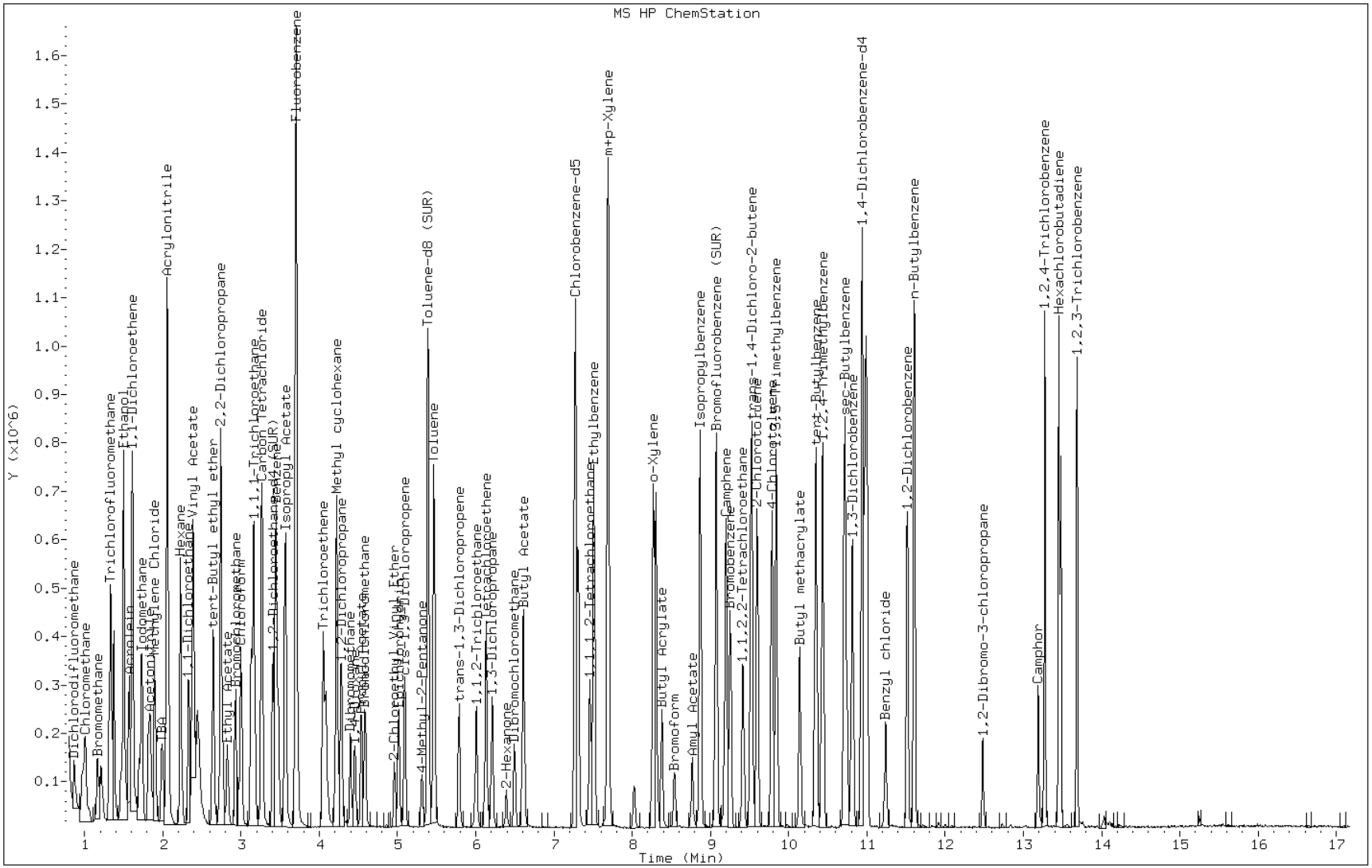
M - Compound response manually integrated.

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

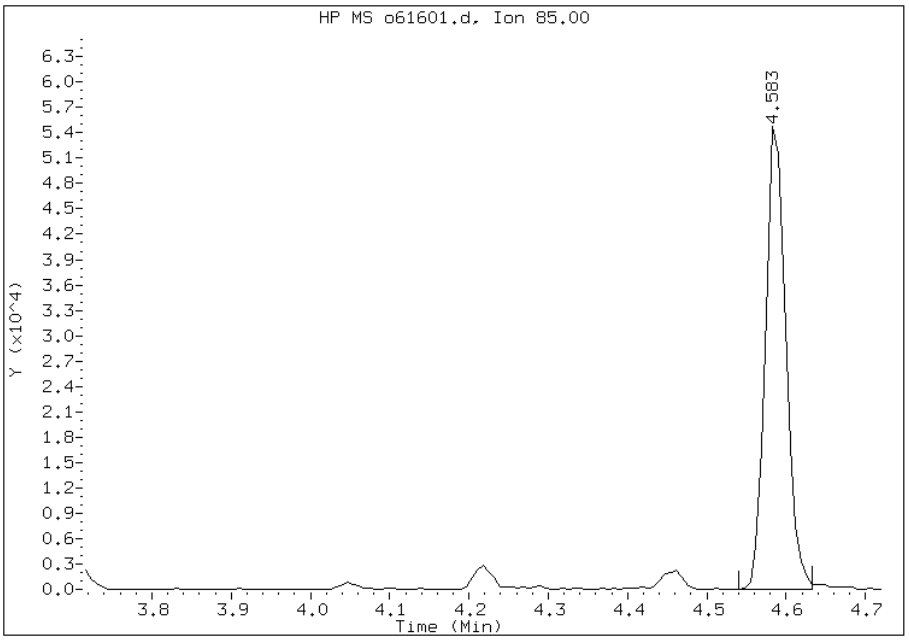
Processing Integration Results

RT: 4.58

Response: 98775

Amount: 381

Conc: 381



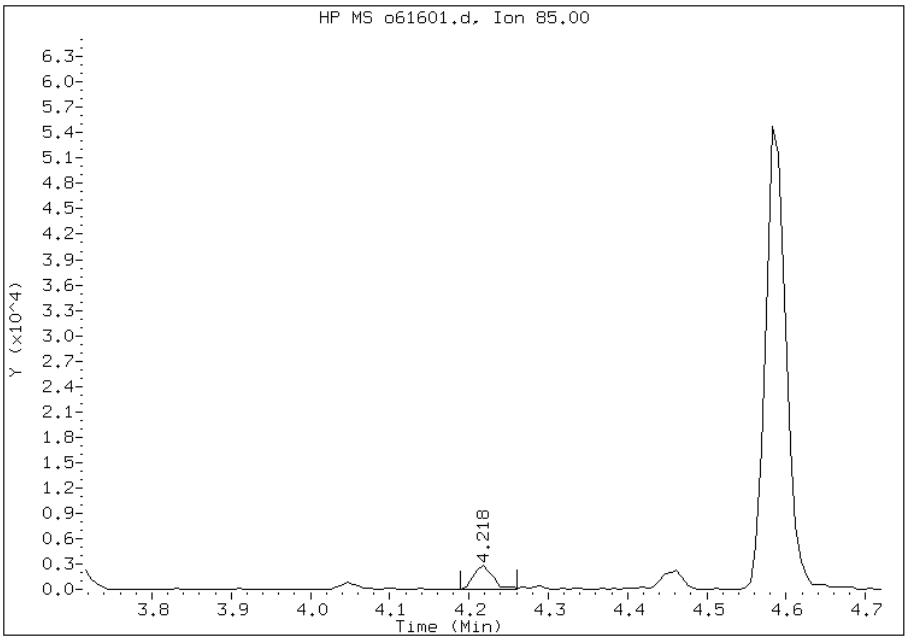
Manual Integration Results

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.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117294/2 Calibration Date: 06/25/2012 04:42

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21888.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	0.5077	0.5813		22.9	20.0	14.5	50.0
Chloromethane	Ave	0.6133	0.6013	0.1000	19.6	20.0	-2.0	50.0
Vinyl chloride	Ave	0.5834	0.6619		22.7	20.0	13.5	20.0
Bromomethane	Ave	0.2913	0.3410		23.4	20.0	17.1	50.0
Chloroethane	Ave	0.2749	0.3409		24.8	20.0	24.0	50.0
Trichlorofluoromethane	LinF	0.7573	0.7533		20.6	20.0	3.1	50.0
Isopropene	Ave	0.5239	0.5539		21.1	20.0	5.7	50.0
Ethyl ether	Ave	0.2588	0.2373		18.3	20.0	-8.3	50.0
1,1-Dichloroethene	Ave	0.2435	0.2544		20.9	20.0	4.5	20.0
Carbon disulfide	Ave	1.103	1.283		23.3	20.0	16.3	50.0
Freon TF	Ave	0.3847	0.4446		23.1	20.0	15.6	50.0
Iodomethane	Ave	0.5452	0.6375		23.4	20.0	16.9	50.0
Acrolein	Ave	0.0385	0.0349		272	300	-9.4	99.0
Methylene Chloride	LinF	0.3828	0.3055		22.0	20.0	9.8	50.0
Acetone	LinF	0.0812	0.0821		25.5	20.0	27.3	50.0
trans-1,2-Dichloroethene	Ave	0.2809	0.2712		19.3	20.0	-3.5	50.0
Methyl acetate	LinF	0.0430	0.0393		18.7	20.0	-6.5	50.0
Hexane	Ave	0.3530	0.3599		20.4	20.0	1.9	50.0
MTBE	Ave	0.8078	0.8094		20.0	20.0	0.2	50.0
TBA	Ave	0.0281	0.0250		356	400	-11.0	50.0
Acetonitrile	Ave	0.0386	0.0333		345	400	-13.8	50.0
DIPE	Ave	1.214	1.114		18.4	20.0	-8.2	50.0
1,1-Dichloroethane	Ave	0.5818	0.5506	0.1000	18.9	20.0	-5.4	50.0
Acrylonitrile	Ave	0.0882	0.0732		125	150	-16.9	50.0
Vinyl acetate	Ave	0.5058	0.5351		21.2	20.0	5.8	50.0
Tert-butyl ethyl ether	Ave	1.066	1.178	0.0100	22.1	20.0	10.5	50.0
cis-1,2-Dichloroethene	Ave	0.3291	0.3249		19.7	20.0	-1.3	50.0
2,2-Dichloropropane	Ave	0.5206	0.5556		21.3	20.0	6.7	50.0
Bromochloromethane	Ave	0.1372	0.1320		19.2	20.0	-3.8	50.0
Cyclohexane	Ave	0.7792	0.7914		20.3	20.0	1.6	50.0
Chloroform	Ave	0.5912	0.5691		19.3	20.0	-3.7	20.0
Carbon tetrachloride	Ave	0.4942	0.5303		21.5	20.0	7.3	50.0
Ethyl acetate	LinF	0.0227	0.0222		35.9	40.0	-10.3	50.0
1,1,1-Trichloroethane	Ave	0.5534	0.5744		20.8	20.0	3.8	50.0
1,1-Dichloropropene	Ave	0.4499	0.4113		18.3	20.0	-8.6	50.0
2-Butanone	Ave	0.1068	0.0856		16.0	20.0	-19.8	50.0
Benzene	Ave	1.171	1.089		18.6	20.0	-7.0	50.0
n-Heptane	Ave	0.5656	0.5492		19.4	20.0	-2.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2773	0.2551		46.0	50.0	-8.0	50.0
Tert-amyl methyl ether	Ave	0.8014	0.7616		19.0	20.0	-5.0	50.0
1,2-Dichloroethane	Ave	0.3578	0.3109		17.4	20.0	-13.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117294/2 Calibration Date: 06/25/2012 04:42

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21888.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
Isopropyl acetate	Ave	0.4575	0.3830		33.5	40.0	-16.3	50.0
Methylcyclohexane	Ave	0.7370	0.7680		20.8	20.0	4.2	50.0
Trichloroethene	Ave	0.3133	0.2888		18.4	20.0	-7.8	50.0
Dibromomethane	Ave	0.1455	0.1371		18.9	20.0	-5.7	50.0
n-Butanol	Ave	0.0039	0.0031		1180	1500	-21.2	50.0
1,2-Dichloropropane	Ave	0.3047	0.2790		18.3	20.0	-8.4	20.0
Ethyl acrylate	Ave	0.2685	0.2273		16.9	20.0	-15.4	50.0
Bromodichloromethane	Ave	0.3507	0.3391		19.3	20.0	-3.3	50.0
1,4-Dioxane	LinF	0.0027	0.0023		131	150	-12.8	50.0
Methyl methacrylate	Ave	0.1363	0.1260		18.5	20.0	-7.6	50.0
Propyl acetate	Ave	0.3089	0.2569		33.3	40.0	-16.8	50.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1132		17.4	20.0	-13.1	50.0
cis-1,3-Dichloropropene	LinF	0.3631	0.3421		16.3	20.0	-18.7	50.0
Toluene-d8 (Surr)	Ave	1.456	1.371		47.1	50.0	-5.9	50.0
Toluene	LinF	2.117	1.894		19.6	20.0	-2.2	20.0
Epichlorohydrin	LinF	0.0196	0.0173		317	400	-20.8	50.0
Tetrachloroethene	Ave	0.5008	0.4793		19.1	20.0	-4.3	50.0
4-Methyl-2-pentanone	LinF	0.2231	0.1944		16.3	20.0	-18.4	50.0
trans-1,3-Dichloropropene	LinF	0.4902	0.4314		15.3	20.0	-23.4	50.0
1,1,2-Trichloroethane	Ave	0.2906	0.2639		18.2	20.0	-9.2	50.0
Dibromochloromethane	LinF	0.3366	0.3252		16.4	20.0	-17.8	50.0
1,3-Dichloropropane	Ave	0.5687	0.4946		17.4	20.0	-13.0	50.0
1,2-Dibromoethane	Ave	0.2946	0.2782		18.9	20.0	-5.6	50.0
Butyl acetate	Ave	0.5538	0.4393		31.7	40.0	-20.7	50.0
2-Hexanone	Ave	0.2467	0.2086		16.9	20.0	-15.4	50.0
Chlorobenzene	Ave	1.235	1.147	0.3000	18.6	20.0	-7.1	50.0
Ethylbenzene	Ave	0.7059	0.6896		19.5	20.0	-2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4551	0.4474		19.7	20.0	-1.7	50.0
m&p-Xylene	Ave	0.8480	0.8223		38.8	40.0	-3.0	50.0
o-Xylene	Ave	0.8418	0.8126		19.3	20.0	-3.5	50.0
Bromoform	LinF	0.1950	0.1955	0.1000	16.5	20.0	-17.3	50.0
Styrene	Ave	1.260	1.212		19.2	20.0	-3.8	50.0
Isopropylbenzene	Ave	2.561	2.552		19.9	20.0	-0.3	50.0
Bromofluorobenzene	Ave	0.9222	0.8660		47.0	50.0	-6.1	50.0
Monobromobenzene	Ave	1.036	0.9608		18.6	20.0	-7.2	50.0
N-Propylbenzene	Ave	6.169	5.921		19.2	20.0	-4.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9003	0.8070	0.3000	17.9	20.0	-10.4	50.0
2-Chlorotoluene	Ave	3.491	3.234		18.5	20.0	-7.4	50.0
1,2,3-Trichloropropane	Ave	0.2507	0.2279		18.2	20.0	-9.1	50.0
1,3,5-Trimethylbenzene	Ave	4.212	3.919		18.6	20.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	LinF	0.0607	0.0589		17.8	20.0	-11.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117294/2 Calibration Date: 06/25/2012 04:42

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21888.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	3.346	3.113		18.6	20.0	-7.0	50.0
tert-Butylbenzene	LinF	3.564	3.251		16.0	20.0	-20.2	50.0
Butyl Methacrylate	LinF	1.288	1.110		14.4	20.0	-27.8	50.0
1,2,4-Trimethylbenzene	Ave	4.176	3.949		18.9	20.0	-5.4	50.0
sec-Butylbenzene	Ave	5.910	5.697		19.3	20.0	-3.6	50.0
p-Isopropyltoluene	Ave	4.646	4.449		19.2	20.0	-4.2	50.0
1,3-Dichlorobenzene	Ave	2.112	2.028		19.2	20.0	-4.0	50.0
1,4-Dichlorobenzene	Ave	2.077	1.929		18.6	20.0	-7.1	50.0
Benzyl chloride	LinF	0.2107	0.1889		13.6	20.0	-31.8	50.0
n-Butylbenzene	Ave	2.782	2.590		18.6	20.0	-6.9	50.0
1,2-Dichlorobenzene	Ave	1.988	1.889		19.0	20.0	-5.0	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1422	0.1185		14.2	20.0	-29.2	50.0
Hexachlorobutadiene	Ave	1.055	0.9325		17.7	20.0	-11.6	50.0
1,2,4-Trichlorobenzene	Ave	1.582	1.391		17.6	20.0	-12.1	50.0
Naphthalene	LinF	3.049	2.366		15.9	20.0	-20.7	50.0
1,2,3-Trichlorobenzene	Ave	1.476	1.229		16.7	20.0	-16.7	50.0

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21888.d
Report Date: 25-Jun-2012 12:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21888.d
Lab Smp Id: CCVIS
Inj Date : 25-JUN-2012 04:42
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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				176874	40.0000	39
90	Dichlorodifluoromethane	85	1.264	1.264	(0.273)	172475	20.0000	23
1	Chloromethane	50	1.347	1.347	(0.291)	178422	20.0000	20
4	Vinyl Chloride	62	1.411	1.411	(0.304)	196412	20.0000	23
3	Bromomethane	94	1.605	1.605	(0.346)	101186	20.0000	23
5	Chloroethane	64	1.676	1.676	(0.362)	101164	20.0000	25
9	Trichlorofluoromethane	101	1.776	1.776	(0.383)	223526	20.0000	21
161	Dichlorofluoromethane	67	1.811	1.811	(0.391)	253429	20.0000	20
46	Ethyl Ether	59	1.970	1.970	(0.425)	70421	20.0000	18
119	Isoprene	67	1.958	1.958	(0.423)	164354	20.0000	21
47	Acrolein	56	2.335	2.335	(0.504)	155269	300.000	270
10	1,1-Dichloroethene	96	2.099	2.099	(0.453)	75480	20.0000	21
48	Freon TF	101	2.141	2.141	(0.462)	131934	20.0000	23
7	Acetone	43	2.552	2.552	(0.551)	24370	20.0000	25

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21888.d
Report Date: 25-Jun-2012 12:09

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	142 Iodomethane	142	2.194	2.194	(0.473)	189173	20.0000	23
	8 Carbon Disulfide	76	2.111	2.111	(0.456)	380628	20.0000	23
	50 Acetonitrile	41	2.894	2.894	(0.624)	197432	400.000	340
	125 Methyl acetate	74	2.641	2.641	(0.570)	11674	20.0000	19
	6 Methylene Chloride	84	2.505	2.505	(0.541)	90635	20.0000	22
	51 TBA	59	2.811	2.811	(0.607)	148419	400.000	360
	52 Acrylonitrile	53	3.123	3.123	(0.674)	162984	150.000	120
	12 trans-1,2-Dichloroethene	96	2.611	2.611	(0.563)	80468	20.0000	19
	53 MTBE	73	2.711	2.711	(0.585)	240179	20.0000	20
	54 Hexane	56	2.676	2.676	(0.577)	106790	20.0000	20
	11 1,1-Dichloroethane	63	3.076	3.076	(0.664)	163370	20.0000	19
	57 Vinyl Acetate	43	3.282	3.282	(0.708)	158778	20.0000	21
	55 DIPE	45	3.005	3.005	(0.648)	330686	20.0000	18
	149 tert-Butyl ethyl ether	59	3.288	3.288	(0.709)	349485	20.0000	22
	104 2,2-Dichloropropane	77	3.599	3.599	(0.777)	164862	20.0000	21
	13 cis-1,2-Dichloroethene	96	3.499	3.499	(0.755)	96406	20.0000	20
	18 2-Butanone	43	4.017	4.017	(0.867)	25410	20.0000	16
	56 Ethyl Acetate	70	3.864	3.864	(0.834)	13181	40.0000	36
	108 Bromochloromethane	128	3.664	3.664	(0.791)	39158	20.0000	19
	15 Chloroform	83	3.740	3.740	(0.807)	168870	20.0000	19
	20 1,1,1-Trichloroethane	97	3.911	3.911	(0.844)	170452	20.0000	21
	59 Cyclohexane	56	3.664	3.664	(0.791)	234831	20.0000	20
	21 Carbon Tetrachloride	117	3.846	3.846	(0.830)	157338	20.0000	21
	92 1,1-Dichloropropene	75	4.011	4.011	(0.865)	122047	20.0000	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	189255	50.0000	46
	28 Benzene	78	4.235	4.235	(0.914)	323115	20.0000	18
	17 1,2-Dichloroethane	62	4.429	4.429	(0.956)	92251	20.0000	17
	61 Isopropyl Acetate	43	4.723	4.723	(1.019)	227272	40.0000	33
	140 tert-Amylmethyl Ether	73	4.376	4.376	(0.944)	225987	20.0000	19
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	741814	50.0000	
	62 n-Heptane	57	4.235	4.235	(0.528)	102451	20.0000	19
	25 Trichloroethene	95	4.799	4.799	(1.036)	85693	20.0000	18
	63 n-Butanol	43	5.235	5.235	(1.129)	68364	1500.00	1200
	96 Ethyl Acrylate	55	5.417	5.417	(1.169)	67449	20.0000	17
	126 Methyl cyclohexane	83	4.787	4.787	(1.033)	227873	20.0000	21
	23 1,2-Dichloropropane	63	5.335	5.335	(1.151)	82772	20.0000	18
	109 Dibromomethane	93	5.223	5.223	(1.127)	40685	20.0000	19
	95 1,4-Dioxane	88	5.646	5.646	(1.218)	5133	150.000	130
	146 Methyl methacrylate	69	5.646	5.646	(1.218)	37376	20.0000	18
	64 Propyl Acetate	43	5.817	5.817	(1.255)	152444	40.0000	33
	22 Bromodichloromethane	83	5.423	5.423	(1.170)	100605	20.0000	19
	30 2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.319)	33584	20.0000	17
	118 Epichlorohydrin	57	6.458	6.458	(1.393)	102500	400.000	320
	24 cis-1,3-Dichloropropene	75	6.146	6.146	(1.326)	101518	20.0000	16
	33 4-Methyl-2-Pentanone	43	6.923	6.923	(1.494)	57695	20.0000	16
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	639387	50.0000	47
	38 Toluene	91	6.417	6.417	(0.800)	353245	20.0000	20

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21888.d
Report Date: 25-Jun-2012 12:09

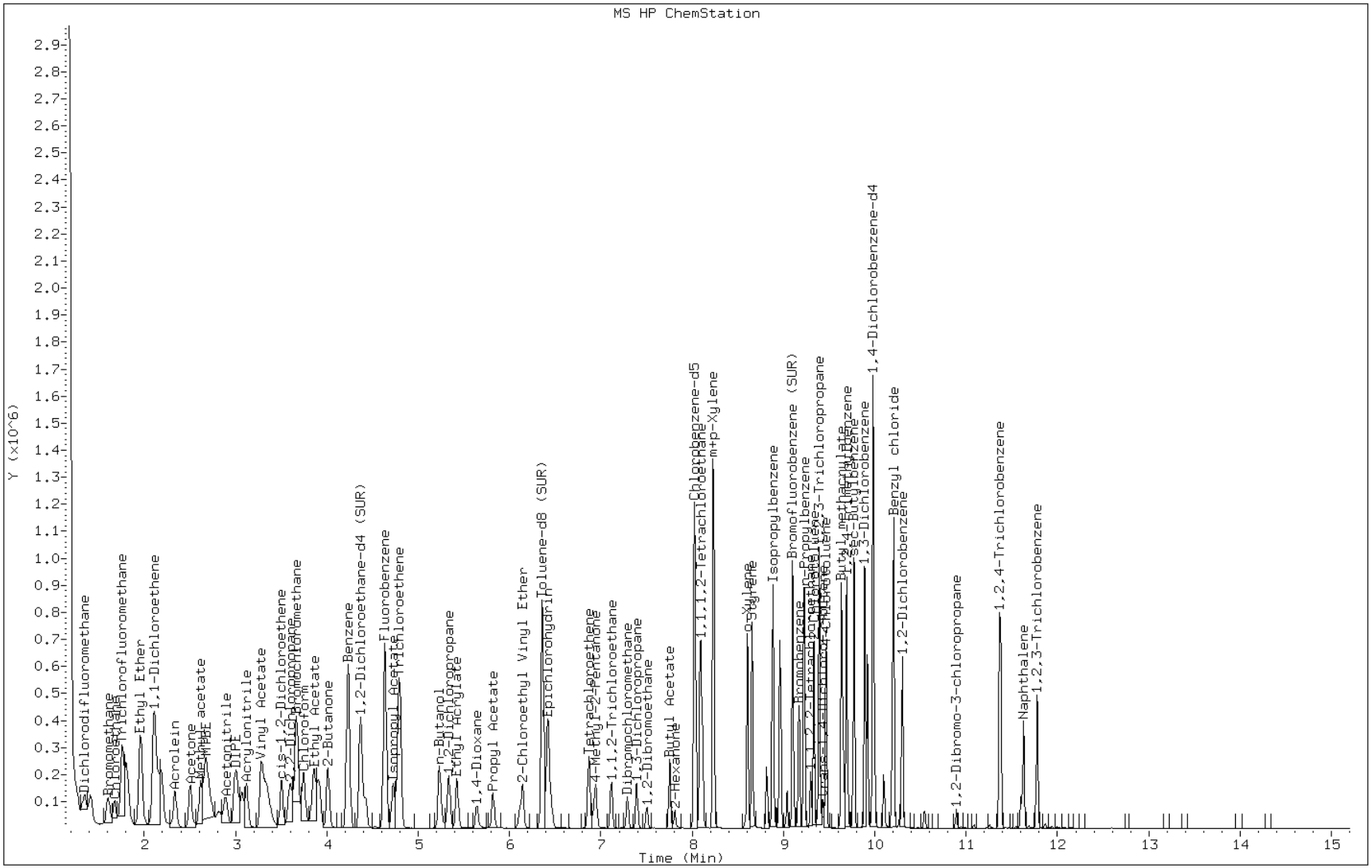
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	29 trans-1,3-Dichloropropene	75	6.946	6.946	(0.866)	80481	20.0000	15
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.887)	49236	20.0000	18
	35 Tetrachloroethene	166	6.870	6.870	(0.856)	89406	20.0000	19
	103 1,3-Dichloropropane	76	7.387	7.387	(0.921)	92274	20.0000	17
	34 2-Hexanone	43	7.811	7.811	(0.974)	38915	20.0000	17
	26 Dibromochloromethane	129	7.293	7.293	(0.909)	60672	20.0000	16
	65 Butyl Acetate	43	7.752	7.752	(0.966)	163914	40.0000	32
	66 1,2-Dibromoethane	107	7.505	7.505	(0.935)	51902	20.0000	19
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	466388	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.002)	214037	20.0000	18
	97 1,1,1,2-Tetrachloroethane	131	8.111	8.111	(1.011)	83468	20.0000	20
	40 Ethylbenzene	106	8.093	8.093	(1.009)	128656	20.0000	20
	43 m+p-Xylene	106	8.228	8.228	(1.026)	306813	40.0000	39
	44 o-Xylene	106	8.605	8.605	(1.073)	151594	20.0000	19
	42 Styrene	104	8.658	8.658	(1.079)	226128	20.0000	19
	31 Bromoform	173	8.652	8.652	(1.078)	36475	20.0000	16
	110 Isopropylbenzene	105	8.881	8.881	(1.107)	476048	20.0000	20
$	41 Bromofluorobenzene (SUR)	174	9.099	9.099	(0.912)	204168	50.0000	47
	107 Bromobenzene	156	9.170	9.170	(0.919)	90604	20.0000	18
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	76096	20.0000	18
	99 1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	21488	20.0000	18
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.036)	17490	20.0000	18
	112 n-Propylbenzene	91	9.228	9.228	(0.925)	558312	20.0000	19
	105 2-Chlorotoluene	91	9.328	9.328	(0.935)	304918	20.0000	18
	106 4-Chlorotoluene	91	9.464	9.464	(0.948)	293532	20.0000	19
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.941)	369521	20.0000	19
	148 Butyl methacrylate	69	9.652	9.652	(0.967)	104652	20.0000	14
	115 tert-Butylbenzene	119	9.634	9.634	(0.965)	306597	20.0000	16
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	372418	20.0000	19
	114 sec-Butylbenzene	105	9.770	9.770	(0.979)	537208	20.0000	19
	67 1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	191252	20.0000	19
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	235749	50.0000	
	68 1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	181919	20.0000	18
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	419548	20.0000	19
	69 1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	178154	20.0000	19
	117 Benzyl chloride	126	10.187	10.187	(1.021)	17809	20.0000	14
	111 n-Butylbenzene	92	10.205	10.205	(1.022)	244249	20.0000	19
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	11173	20.0000	14
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	131179	20.0000	18
	94 Hexachlorobutadiene	225	11.364	11.364	(1.138)	87937	20.0000	18
	70 Naphthalene	128	11.628	11.628	(1.165)	223140	20.0000	16
	98 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.180)	115854	20.0000	17
M	45 Xylene (Total)	100				458407	60.0000	58

Data File: d21888.d

Date: 25-JUN-2012 04:42

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117463/2 Calibration Date: 06/25/2012 16:35

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21917.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	0.5077	0.4033		15.9	20.0	-20.6	50.0
Chloromethane	Ave	0.6133	0.4936	0.1000	16.1	20.0	-19.5	50.0
Vinyl chloride	Ave	0.5834	0.4822		16.5	20.0	-17.3	20.0
Bromomethane	Ave	0.2913	0.2528		17.4	20.0	-13.2	50.0
Chloroethane	Ave	0.2749	0.2420		17.6	20.0	-12.0	50.0
Trichlorofluoromethane	LinF	0.7573	0.5658		15.5	20.0	-22.5	50.0
Dichlorofluoromethane	Ave	0.8450	1.285		30.4	20.0	52.1*	50.0
Isopropene	Ave	0.5239	0.4981		19.0	20.0	-4.9	50.0
Ethyl ether	Ave	0.2588	0.2193		16.9	20.0	-15.3	50.0
1,1-Dichloroethene	Ave	0.2435	0.2015		16.5	20.0	-17.3	20.0
Carbon disulfide	Ave	1.103	1.069		19.4	20.0	-3.1	50.0
Freon TF	Ave	0.3847	0.3769		19.6	20.0	-2.0	50.0
Iodomethane	Ave	0.5452	0.5329		19.5	20.0	-2.3	50.0
Acrolein	Ave	0.0385	0.0346		270	300	-10.1	99.0
Methylene Chloride	LinF	0.3828	0.2633		18.9	20.0	-5.3	50.0
Acetone	LinF	0.0812	0.0833		25.8	20.0	29.1	50.0
trans-1,2-Dichloroethene	Ave	0.2809	0.2264		16.1	20.0	-19.4	50.0
Methyl acetate	LinF	0.0430	0.0379		18.0	20.0	-9.9	50.0
Hexane	Ave	0.3530	0.3280		18.6	20.0	-7.1	50.0
MTBE	Ave	0.8078	0.6843		16.9	20.0	-15.3	50.0
TBA	Ave	0.0281	0.0222		315	400	-21.1	50.0
Acetonitrile	Ave	0.0386	0.0329		341	400	-14.7	50.0
DIPE	Ave	1.214	1.022		16.8	20.0	-15.8	50.0
1,1-Dichloroethane	Ave	0.5818	0.4811	0.1000	16.5	20.0	-17.3	50.0
Acrylonitrile	Ave	0.0882	0.0774		132	150	-12.2	50.0
Vinyl acetate	Ave	0.5058	0.5129		20.3	20.0	1.4	50.0
Tert-butyl ethyl ether	Ave	1.066	1.071	0.0100	20.1	20.0	0.5	50.0
cis-1,2-Dichloroethene	Ave	0.3291	0.2730		16.6	20.0	-17.0	50.0
2,2-Dichloropropane	Ave	0.5206	0.4440		17.1	20.0	-14.7	50.0
Bromochloromethane	Ave	0.1372	0.1092		15.9	20.0	-20.4	50.0
Cyclohexane	Ave	0.7792	0.6967		17.9	20.0	-10.6	50.0
Chloroform	Ave	0.5912	0.4901		16.6	20.0	-17.1	20.0
Carbon tetrachloride	Ave	0.4942	0.4237		17.1	20.0	-14.3	50.0
Ethyl acetate	LinF	0.0227	0.0196		31.7	40.0	-20.8	50.0
1,1,1-Trichloroethane	Ave	0.5534	0.4659		16.8	20.0	-15.8	50.0
1,1-Dichloropropene	Ave	0.4499	0.3538		15.7	20.0	-21.4	50.0
2-Butanone	Ave	0.1068	0.0937		17.5	20.0	-12.3	50.0
n-Heptane	Ave	0.5656	0.5469		19.3	20.0	-3.3	50.0
Benzene	Ave	1.171	0.9655		16.5	20.0	-17.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2773	0.2497		45.0	50.0	-9.9	50.0
Tert-amyl methyl ether	Ave	0.8014	0.6790		16.9	20.0	-15.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117463/2 Calibration Date: 06/25/2012 16:35

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21917.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
1,2-Dichloroethane	Ave	0.3578	0.2822		15.8	20.0	-21.1	50.0
Isopropyl acetate	Ave	0.4575	0.3650		31.9	40.0	-20.2	50.0
Methylcyclohexane	Ave	0.7370	0.6760		18.3	20.0	-8.3	50.0
Trichloroethene	Ave	0.3133	0.2578		16.5	20.0	-17.7	50.0
Dibromomethane	Ave	0.1455	0.1139		15.7	20.0	-21.7	50.0
n-Butanol	Ave	0.0039	0.0031		1190	1500	-20.7	50.0
1,2-Dichloropropane	Ave	0.3047	0.2439		16.0	20.0	-20.0	20.0
Ethyl acrylate	Ave	0.2685	0.2005		14.9	20.0	-25.3	50.0
Bromodichloromethane	Ave	0.3507	0.2889		16.5	20.0	-17.6	50.0
Methyl methacrylate	Ave	0.1363	0.1126		16.5	20.0	-17.4	50.0
1,4-Dioxane	LinF	0.0027	0.0023		130	150	-13.2	50.0
Propyl acetate	Ave	0.3089	0.2435		31.5	40.0	-21.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1003		15.4	20.0	-23.0	50.0
cis-1,3-Dichloropropene	LinF	0.3631	0.2774		13.2	20.0	-34.1	50.0
Toluene-d8 (Surr)	Ave	1.456	1.358		46.6	50.0	-6.7	50.0
Toluene	LinF	2.117	1.676		17.3	20.0	-13.4	20.0
Epichlorohydrin	LinF	0.0196	0.0160		293	400	-26.8	50.0
Tetrachloroethene	Ave	0.5008	0.3942		15.7	20.0	-21.3	50.0
4-Methyl-2-pentanone	LinF	0.2231	0.1870		15.7	20.0	-21.5	50.0
trans-1,3-Dichloropropene	LinF	0.4902	0.3720		13.2	20.0	-33.9	50.0
1,1,2-Trichloroethane	Ave	0.2906	0.2308		15.9	20.0	-20.6	50.0
Dibromochloromethane	LinF	0.3366	0.2717		13.7	20.0	-31.3	50.0
1,3-Dichloropropane	Ave	0.5687	0.4511		15.9	20.0	-20.7	50.0
1,2-Dibromoethane	Ave	0.2946	0.2407		16.3	20.0	-18.3	50.0
Butyl acetate	Ave	0.5538	0.4226		30.5	40.0	-23.7	50.0
2-Hexanone	Ave	0.2467	0.2282		18.5	20.0	-7.5	50.0
Chlorobenzene	Ave	1.235	1.001	0.3000	16.2	20.0	-18.9	50.0
Ethylbenzene	Ave	0.7059	0.5904		16.7	20.0	-16.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4551	0.3736		16.4	20.0	-17.9	50.0
m&p-Xylene	Ave	0.8480	0.7095		33.5	40.0	-16.3	50.0
o-Xylene	Ave	0.8418	0.6947		16.5	20.0	-17.5	50.0
Bromoform	LinF	0.1950	0.1545	0.1000	13.1	20.0	-34.6	50.0
Styrene	Ave	1.260	1.018		16.2	20.0	-19.2	50.0
Isopropylbenzene	Ave	2.561	2.165		16.9	20.0	-15.5	50.0
Bromofluorobenzene	Ave	0.9222	0.8590		46.6	50.0	-6.9	50.0
Monobromobenzene	Ave	1.036	0.8174		15.8	20.0	-21.1	50.0
N-Propylbenzene	Ave	6.169	5.138		16.7	20.0	-16.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9003	0.7205	0.3000	16.0	20.0	-20.0	50.0
2-Chlorotoluene	Ave	3.491	2.835		16.2	20.0	-18.8	50.0
1,2,3-Trichloropropane	Ave	0.2507	0.2004		16.0	20.0	-20.1	50.0
1,3,5-Trimethylbenzene	Ave	4.212	3.429		16.3	20.0	-18.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117463/2 Calibration Date: 06/25/2012 16:35

Instrument ID: VOAMS4 Calib Start Date: 06/21/2012 19:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/21/2012 23:28

Lab File ID: d21917.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
trans-1,4-Dichloro-2-butene	LinF	0.0607	0.0466		14.1	20.0	-29.7	50.0
4-Chlorotoluene	Ave	3.346	2.724		16.3	20.0	-18.6	50.0
tert-Butylbenzene	LinF	3.564	2.802		13.8	20.0	-31.2	50.0
Butyl Methacrylate	LinF	1.288	1.059		13.8	20.0	-31.2	50.0
1,2,4-Trimethylbenzene	Ave	4.176	3.438		16.5	20.0	-17.7	50.0
sec-Butylbenzene	Ave	5.910	4.959		16.8	20.0	-16.1	50.0
p-Isopropyltoluene	Ave	4.646	3.865		16.6	20.0	-16.8	50.0
1,3-Dichlorobenzene	Ave	2.112	1.731		16.4	20.0	-18.0	50.0
1,4-Dichlorobenzene	Ave	2.077	1.664		16.0	20.0	-19.9	50.0
Benzyl chloride	LinF	0.2107	0.1538		11.1	20.0	-44.4	50.0
n-Butylbenzene	Ave	2.782	2.309		16.6	20.0	-17.0	50.0
1,2-Dichlorobenzene	Ave	1.988	1.565		15.7	20.0	-21.3	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1422	0.0984		11.8	20.0	-41.2	50.0
Hexachlorobutadiene	Ave	1.055	0.8073		15.3	20.0	-23.5	50.0
1,2,4-Trichlorobenzene	Ave	1.582	1.208		15.3	20.0	-23.7	50.0
Naphthalene	LinF	3.049	2.073		13.9	20.0	-30.6	50.0
1,2,3-Trichlorobenzene	Ave	1.476	1.108		15.0	20.0	-24.9	50.0

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21917.d
Report Date: 25-Jun-2012 16:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21917.d
Lab Smp Id: CCVIS
Inj Date : 25-JUN-2012 16:35
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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				144171	40.0000	33
90 Dichlorodifluoromethane	85	1.258	1.258	(0.271)	116441	20.0000	16
1 Chloromethane	50	1.352	1.352	(0.291)	142503	20.0000	16
4 Vinyl Chloride	62	1.429	1.429	(0.308)	139202	20.0000	16
3 Bromomethane	94	1.617	1.617	(0.348)	72971	20.0000	17
5 Chloroethane	64	1.676	1.676	(0.361)	69856	20.0000	18
9 Trichlorofluoromethane	101	1.782	1.782	(0.384)	163347	20.0000	15
161 Dichlorofluoromethane	67	1.835	1.835	(0.395)	370972	20.0000	30
46 Ethyl Ether	59	1.976	1.976	(0.426)	63308	20.0000	17
119 Isoprene	67	1.964	1.964	(0.423)	143802	20.0000	19
47 Acrolein	56	2.347	2.347	(0.506)	149971	300.000	270
10 1,1-Dichloroethene	96	2.111	2.111	(0.455)	58156	20.0000	16
48 Freon TF	101	2.170	2.170	(0.468)	108811	20.0000	20
7 Acetone	43	2.552	2.552	(0.550)	24034	20.0000	26

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21917.d
Report Date: 25-Jun-2012 16:34

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	142 Iodomethane	142	2.200	2.200	(0.474)	153851	20.0000	20
	8 Carbon Disulfide	76	2.123	2.123	(0.457)	308726	20.0000	19
	50 Acetonitrile	41	2.899	2.899	(0.625)	190143	400.000	340
	125 Methyl acetate	74	2.652	2.652	(0.572)	10951	20.0000	18
	6 Methylene Chloride	84	2.511	2.511	(0.541)	76024	20.0000	19
	51 TBA	59	2.835	2.835	(0.611)	127876	400.000	320
	52 Acrylonitrile	53	3.129	3.129	(0.674)	167579	150.000	130
	12 trans-1,2-Dichloroethene	96	2.623	2.623	(0.565)	65350	20.0000	16
	53 MTBE	73	2.723	2.723	(0.587)	197541	20.0000	17
	54 Hexane	56	2.676	2.676	(0.577)	94689	20.0000	18
	11 1,1-Dichloroethane	63	3.082	3.082	(0.664)	138898	20.0000	16
	57 Vinyl Acetate	43	3.294	3.294	(0.710)	148063	20.0000	20
	55 DIPE	45	3.005	3.005	(0.648)	295180	20.0000	17
	149 tert-Butyl ethyl ether	59	3.299	3.299	(0.711)	309210	20.0000	20
	104 2,2-Dichloropropane	77	3.605	3.605	(0.777)	128171	20.0000	17
	13 cis-1,2-Dichloroethene	96	3.511	3.511	(0.757)	78821	20.0000	16
	18 2-Butanone	43	4.023	4.023	(0.867)	27044	20.0000	18
	56 Ethyl Acetate	70	3.864	3.864	(0.833)	11333	40.0000	32
	108 Bromochloromethane	128	3.670	3.670	(0.791)	31535	20.0000	16
	15 Chloroform	83	3.746	3.746	(0.807)	141489	20.0000	16
	20 1,1,1-Trichloroethane	97	3.917	3.917	(0.844)	134494	20.0000	17
	59 Cyclohexane	56	3.670	3.670	(0.791)	201119	20.0000	18
	21 Carbon Tetrachloride	117	3.852	3.852	(0.830)	122303	20.0000	17
	92 1,1-Dichloropropene	75	4.017	4.017	(0.866)	102131	20.0000	16
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.376	4.376	(0.943)	180260	50.0000	45
	28 Benzene	78	4.241	4.241	(0.914)	278736	20.0000	16
	17 1,2-Dichloroethane	62	4.435	4.435	(0.956)	81463	20.0000	16
	61 Isopropyl Acetate	43	4.735	4.735	(1.020)	210761	40.0000	32
	140 tert-Amylmethyl Ether	73	4.382	4.382	(0.944)	196024	20.0000	17
*	69 Fluorobenzene	96	4.641	4.641	(1.000)	721727	50.0000	
	62 n-Heptane	57	4.235	4.235	(0.527)	94086	20.0000	19
	25 Trichloroethene	95	4.811	4.811	(1.037)	74426	20.0000	16
	63 n-Butanol	43	5.240	5.240	(1.129)	66889	1500.00	1200
	96 Ethyl Acrylate	55	5.423	5.423	(1.169)	57877	20.0000	15
	126 Methyl cyclohexane	83	4.793	4.793	(1.033)	195153	20.0000	18
	23 1,2-Dichloropropane	63	5.340	5.340	(1.151)	70406	20.0000	16
	109 Dibromomethane	93	5.235	5.235	(1.128)	32878	20.0000	16
	95 1,4-Dioxane	88	5.664	5.664	(1.221)	4969	150.000	130
	146 Methyl methacrylate	69	5.646	5.646	(1.217)	32504	20.0000	16
	64 Propyl Acetate	43	5.823	5.823	(1.255)	140598	40.0000	32
	22 Bromodichloromethane	83	5.435	5.435	(1.171)	83391	20.0000	16
	30 2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	28942	20.0000	15
	118 Epichlorohydrin	57	6.458	6.458	(1.392)	92158	400.000	290
	24 cis-1,3-Dichloropropene	75	6.152	6.152	(1.326)	80083	20.0000	13
	33 4-Methyl-2-Pentanone	43	6.929	6.929	(1.493)	53996	20.0000	16
$	37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	584096	50.0000	47
	38 Toluene	91	6.423	6.423	(0.800)	288398	20.0000	17

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21917.d
Report Date: 25-Jun-2012 16:34

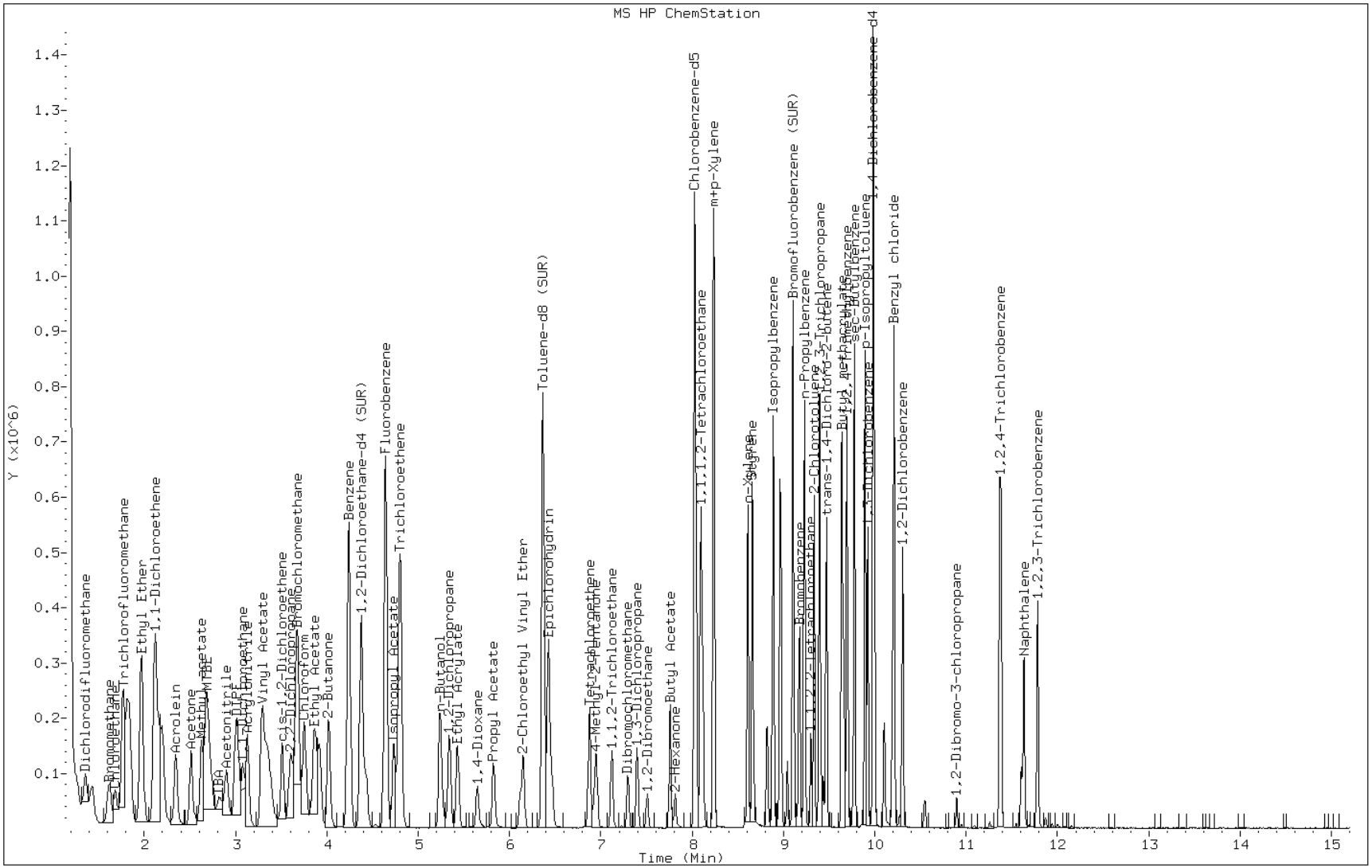
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	29 trans-1,3-Dichloropropene	75	6.952	6.952	(0.866)	63994	20.0000	13
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.886)	39711	20.0000	16
	35 Tetrachloroethene	166	6.876	6.876	(0.856)	67817	20.0000	16
	103 1,3-Dichloropropane	76	7.399	7.399	(0.922)	77608	20.0000	16
	34 2-Hexanone	43	7.817	7.817	(0.974)	39249	20.0000	18
	26 Dibromochloromethane	129	7.293	7.293	(0.908)	46749	20.0000	14
	65 Butyl Acetate	43	7.758	7.758	(0.966)	145409	40.0000	30
	66 1,2-Dibromoethane	107	7.511	7.511	(0.936)	41414	20.0000	16
*	32 Chlorobenzene-d5	117	8.029	8.029	(1.000)	430086	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.001)	172183	20.0000	16
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.117	(1.011)	64263	20.0000	16
	40 Ethylbenzene	106	8.093	8.093	(1.008)	101564	20.0000	17
	43 m+p-Xylene	106	8.234	8.234	(1.026)	244118	40.0000	33
	44 o-Xylene	106	8.611	8.611	(1.073)	119515	20.0000	16
	42 Styrene	104	8.658	8.658	(1.078)	175211	20.0000	16
	31 Bromoform	173	8.658	8.658	(1.078)	26578	20.0000	13
	110 Isopropylbenzene	105	8.887	8.887	(1.107)	372416	20.0000	17
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	186311	50.0000	46
	107 Bromobenzene	156	9.176	9.176	(0.919)	70912	20.0000	16
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	62509	20.0000	16
	99 1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	17388	20.0000	16
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.033)	13447	20.0000	14
	112 n-Propylbenzene	91	9.228	9.228	(0.925)	445705	20.0000	17
	105 2-Chlorotoluene	91	9.334	9.334	(0.935)	245974	20.0000	16
	106 4-Chlorotoluene	91	9.470	9.470	(0.949)	236278	20.0000	16
	102 1,3,5-Trimethylbenzene	105	9.399	9.399	(0.942)	297485	20.0000	16
	148 Butyl methacrylate	69	9.658	9.658	(0.968)	91852	20.0000	14
	115 tert-Butylbenzene	119	9.640	9.640	(0.966)	243097	20.0000	14
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	298219	20.0000	16
	114 sec-Butylbenzene	105	9.775	9.775	(0.979)	430235	20.0000	17
	67 1,3-Dichlorobenzene	146	9.923	9.923	(0.994)	150198	20.0000	16
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	216881	50.0000	
	68 1,4-Dichlorobenzene	146	9.993	9.993	(1.001)	144383	20.0000	16
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	335264	20.0000	17
	69 1,2-Dichlorobenzene	146	10.305	10.305	(1.032)	135804	20.0000	16
	117 Benzyl chloride	126	10.193	10.193	(1.021)	13343	20.0000	11
	111 n-Butylbenzene	92	10.211	10.211	(1.023)	200326	20.0000	16
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	8535	20.0000	12
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	104775	20.0000	15
	94 Hexachlorobutadiene	225	11.369	11.369	(1.139)	70034	20.0000	15
	70 Naphthalene	128	11.634	11.634	(1.166)	179829	20.0000	14
	98 1,2,3-Trichlorobenzene	180	11.781	11.781	(1.180)	96115	20.0000	15
M	45 Xylene (Total)	100				363633	60.0000	50

Data File: d21917.d

Date: 25-JUN-2012 16:35

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator: VOAMS 9



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

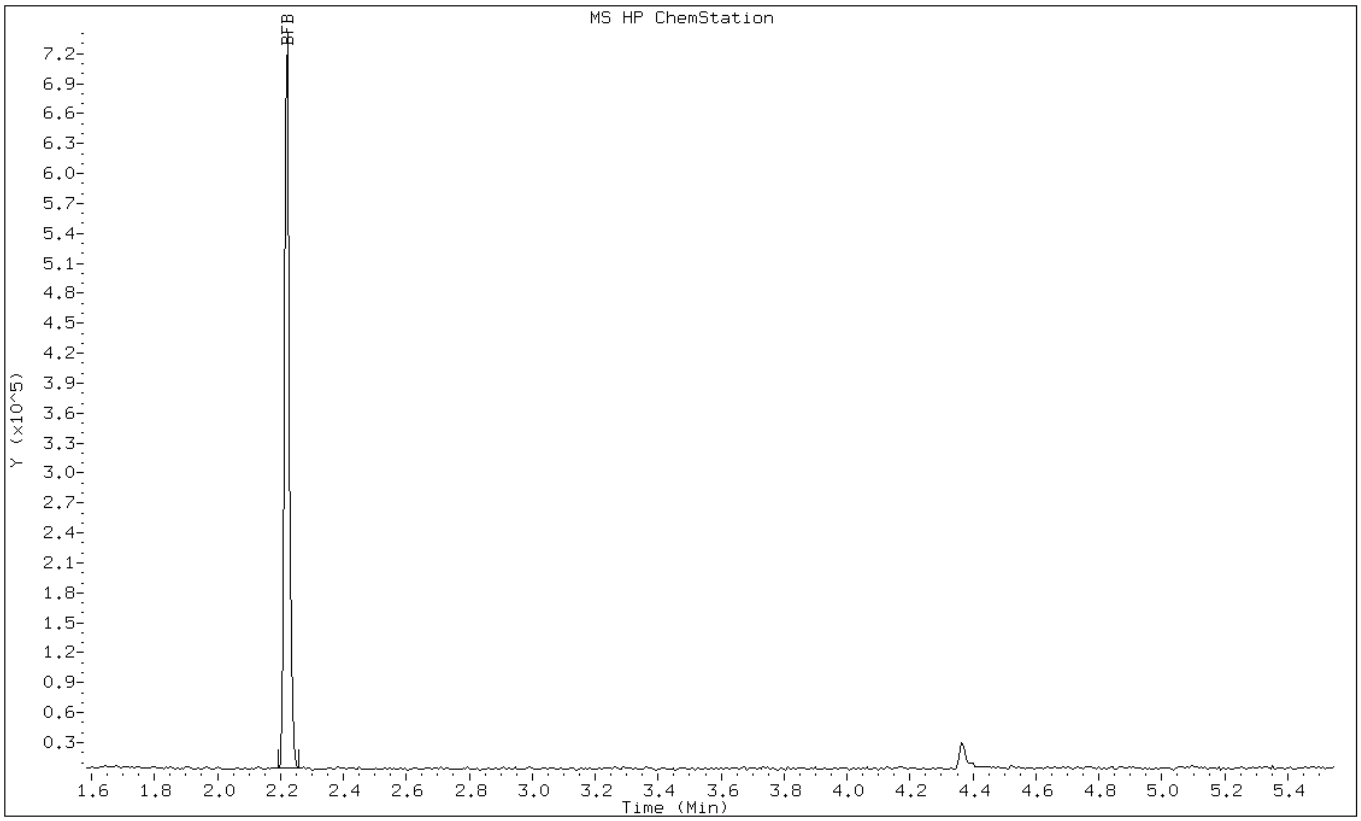
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.222	2.100 (0.000)	95	119773			0.00- 100.00	100.00
2.222	2.100 (0.000)	50	25156			15.00- 40.00	21.00
2.222	2.100 (0.000)	75	60712			30.00- 60.00	50.69
2.222	2.100 (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



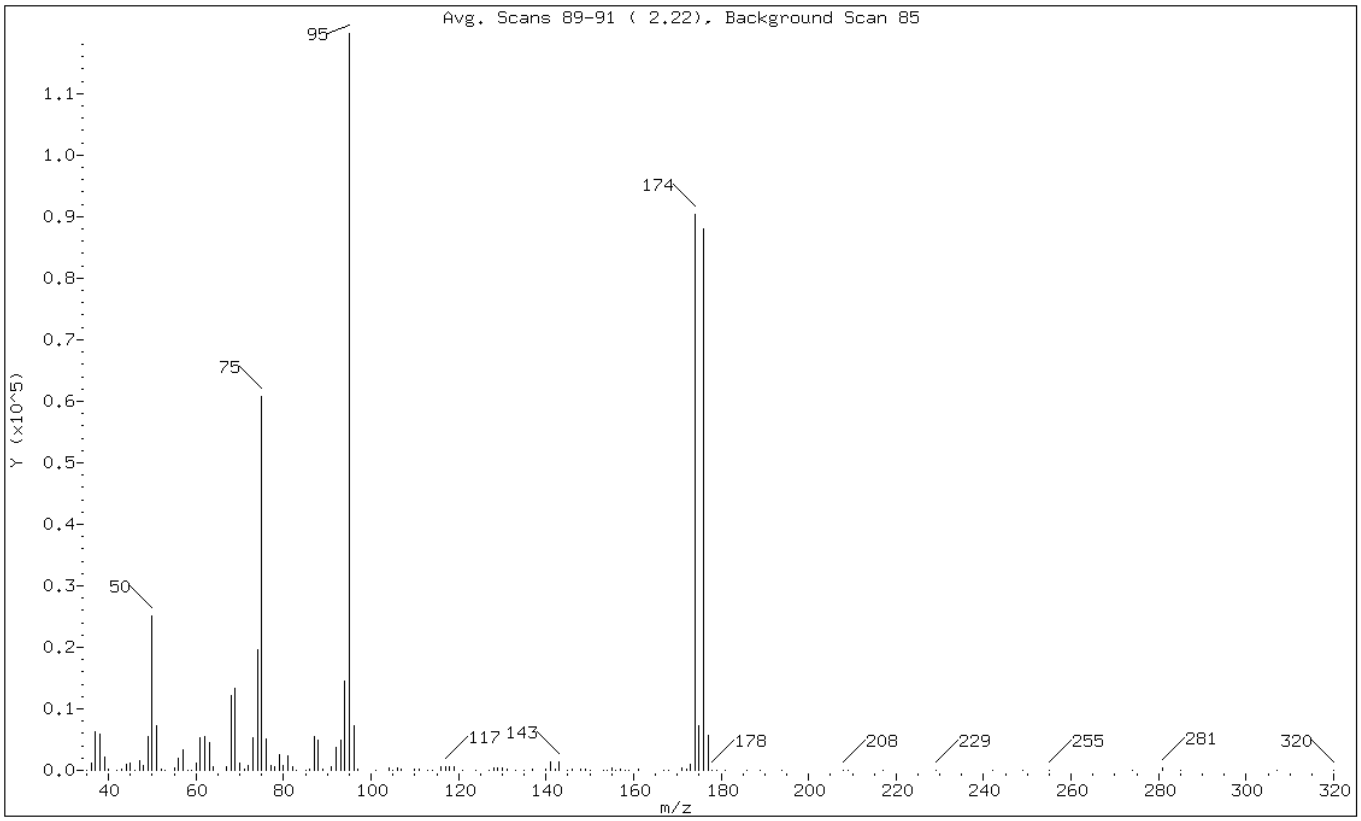
Data File: o61386.d

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

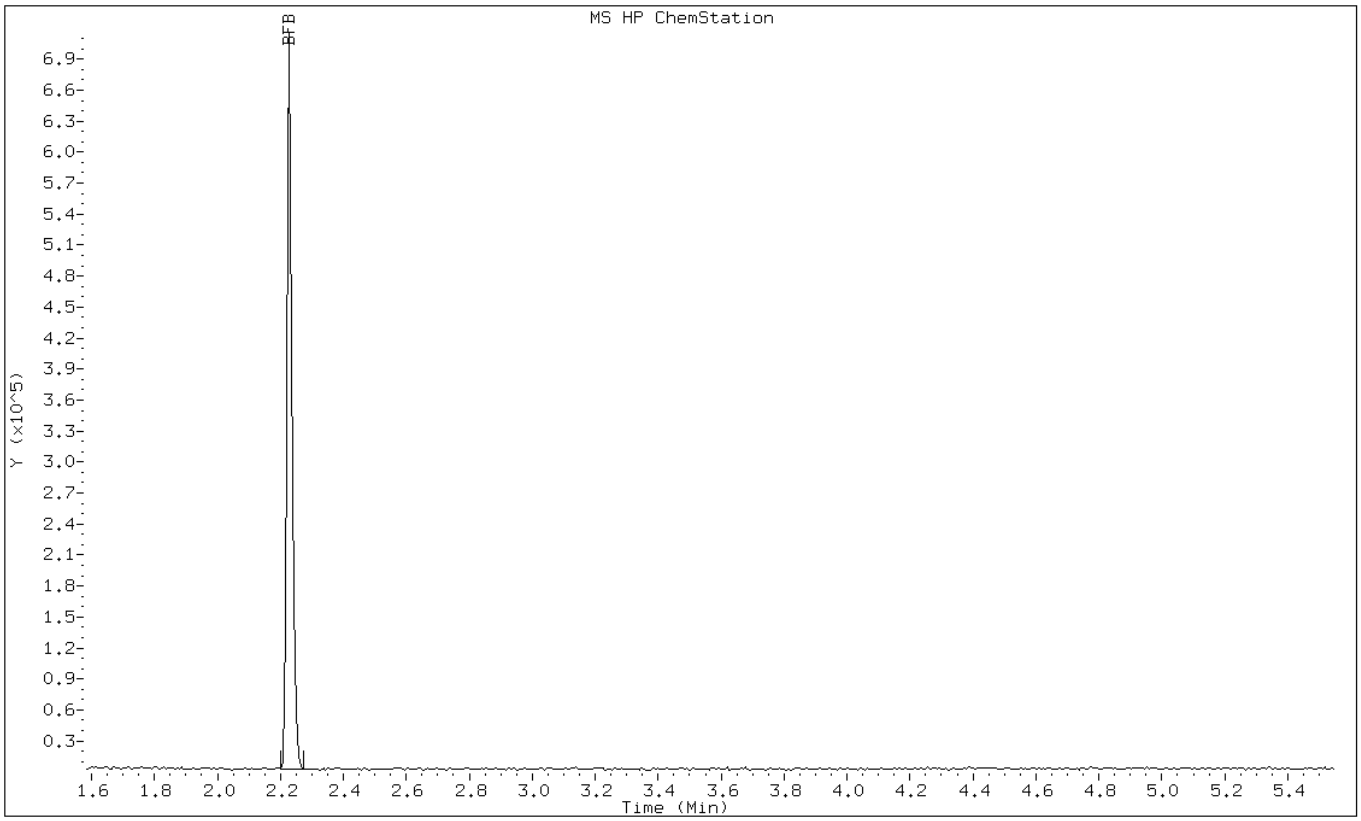
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.229	2.100 (0.000)	95	111688			0.00- 100.00	100.00
2.229	2.100 (0.000)	50	22450			15.00- 40.00	20.10
2.229	2.100 (0.000)	75	58272			30.00- 60.00	52.17
2.229	2.100 (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



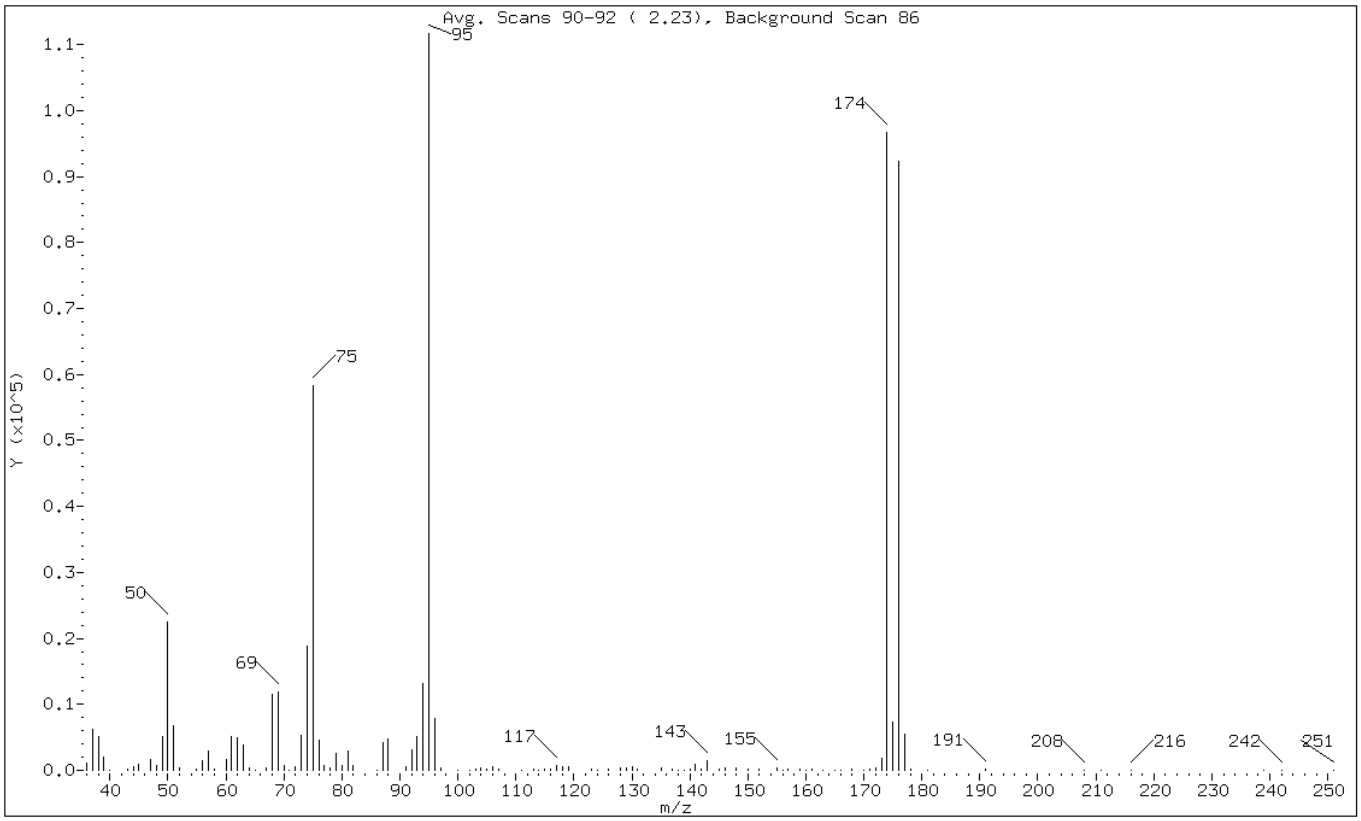
Data File: o61600.d

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/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21844.d
Report Date: 22-Jun-2012 00:05

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21844.d
Lab Smp Id: BFB
Inj Date : 21-JUN-2012 19:02
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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

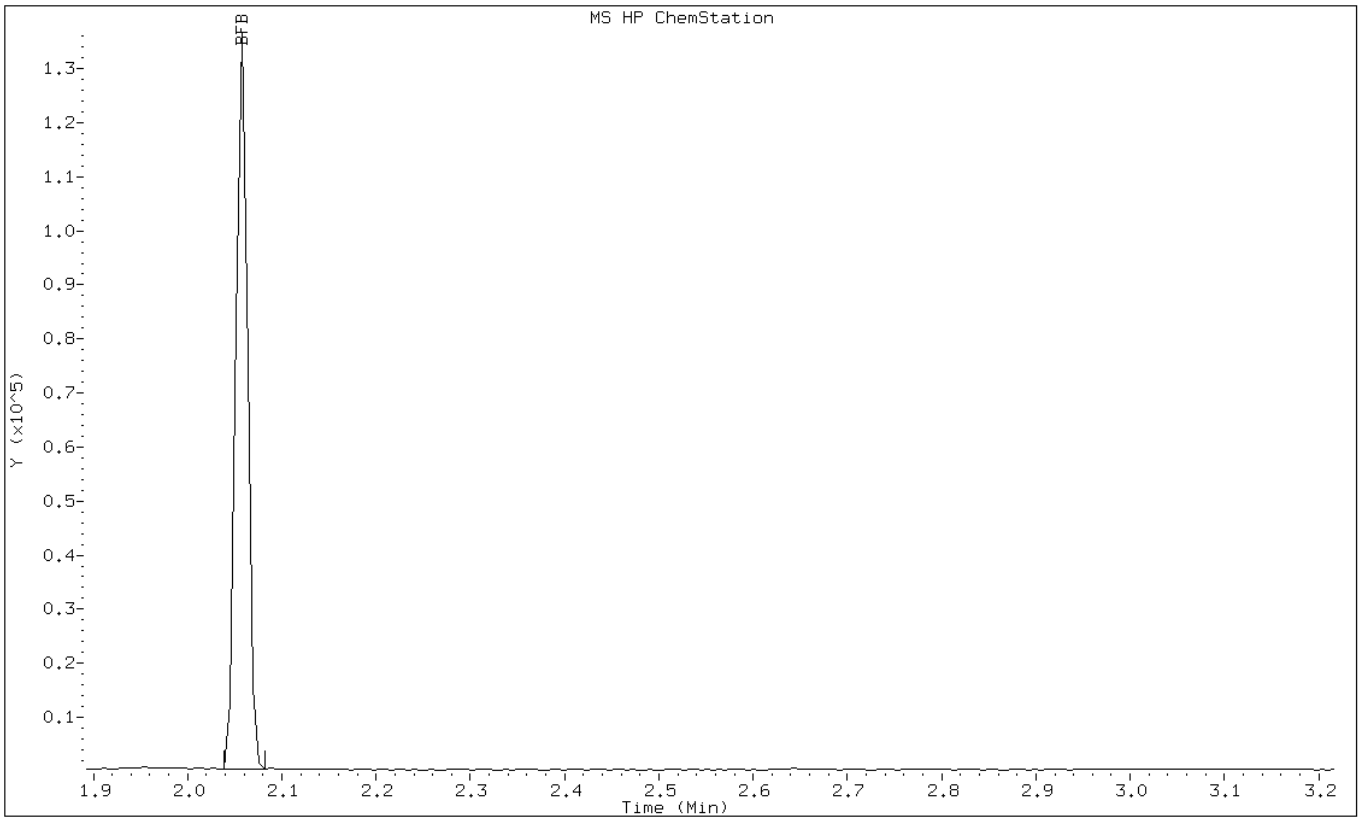
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.058	2.100 (0.000)	95	19744			0.00- 100.00	100.00
2.058	2.100 (0.000)	50	4273			15.00- 40.00	21.64
2.058	2.100 (0.000)	75	10136			30.00- 60.00	51.34
2.058	2.100 (0.000)	96	1377			5.00- 9.00	6.97
2.058	2.100 (0.000)	173	219			0.00- 2.00	1.34
2.058	2.100 (0.000)	174	16343			50.00- 100.00	82.77
2.058	2.100 (0.000)	175	1134			5.00- 9.00	6.94
2.058	2.100 (0.000)	176	16014			95.00- 101.00	97.99
2.058	2.100 (0.000)	177	966			5.00- 9.00	6.03

Data File: d21844.d

Date: 21-JUN-2012 19:02

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



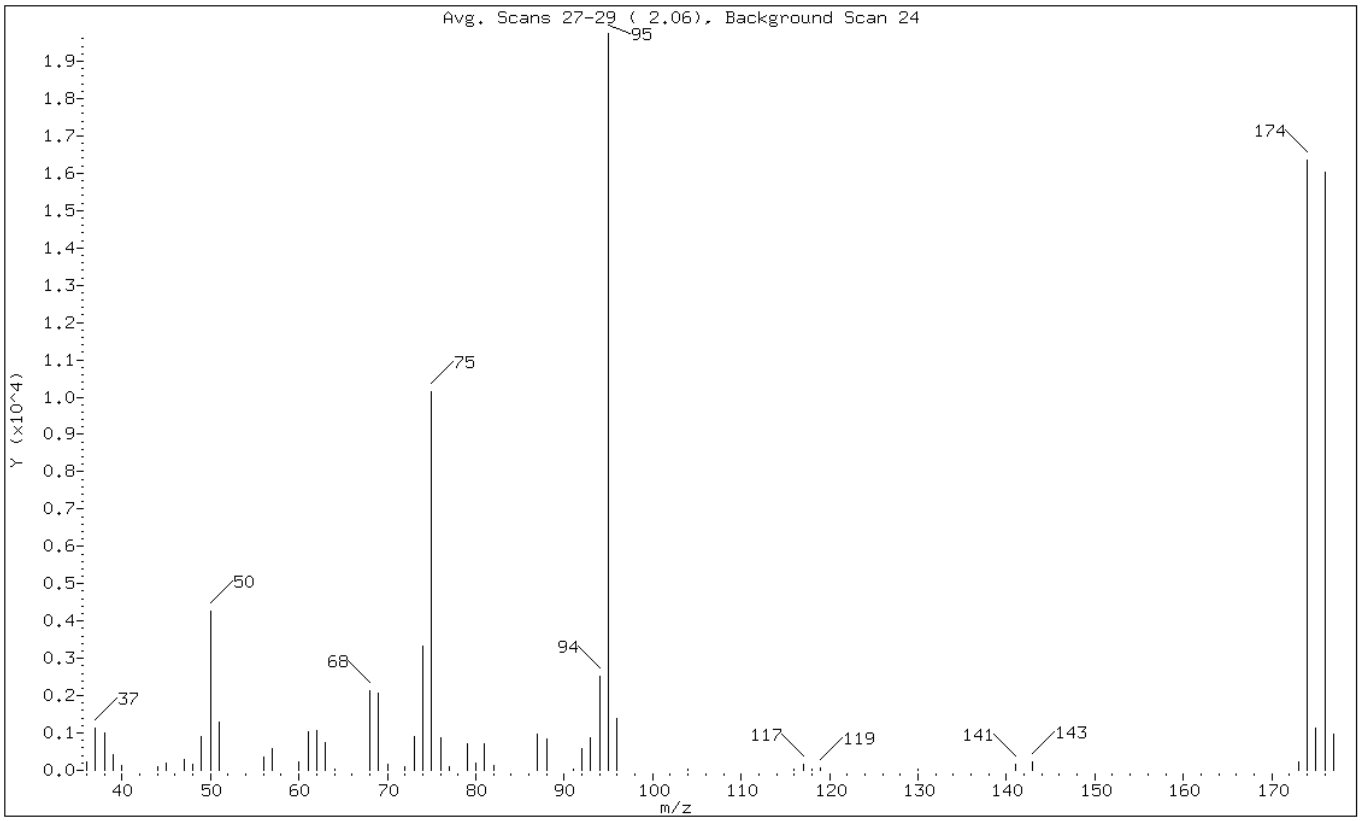
Data File: d21844.d

Date: 21-JUN-2012 19:02

Client ID: Instrument: VOAMS4.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	21.64
75	30.00 - 60.00% of mass 95	51.34
96	5.00 - 9.00% of mass 95	6.97
173	Less than 2.00% of mass 174	1.11 (1.34)
174	50.00 - 100.00% of mass 95	82.77
175	5.00 - 9.00% of mass 174	5.74 (6.94)
176	95.00 - 101.00% of mass 174	81.11 (97.99)
177	5.00 - 9.00% of mass 176	4.89 (6.03)

Data File: d21844.d

Date: 21-JUN-2012 19:02

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.b/d21844.d
Spectrum: Avg. Scans 27-29 (2.06), Background Scan 24
Location of Maximum: 95.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	224	60.00	229	79.00	714	117.00	153
37.00	1116	61.00	1024	80.00	187	118.00	36
38.00	1017	62.00	1057	81.00	708	119.00	63
39.00	406	63.00	746	82.00	126	130.00	33
40.00	117	64.00	33	87.00	974	141.00	159
44.00	107	68.00	2125	88.00	834	143.00	235
45.00	187	69.00	2065	91.00	34	173.00	219
47.00	294	70.00	172	92.00	575	174.00	16343
48.00	163	72.00	106	93.00	870	175.00	1134
49.00	904	73.00	890	94.00	2507	176.00	16014
50.00	4273	74.00	3335	95.00	19744	177.00	966
51.00	1286	75.00	10136	96.00	1377		
56.00	347	76.00	867	104.00	44		
57.00	582	77.00	99	116.00	34		

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21887.d
Report Date: 25-Jun-2012 04:05

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21887.d
Lab Smp Id: BFB
Inj Date : 25-JUN-2012 04:17
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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

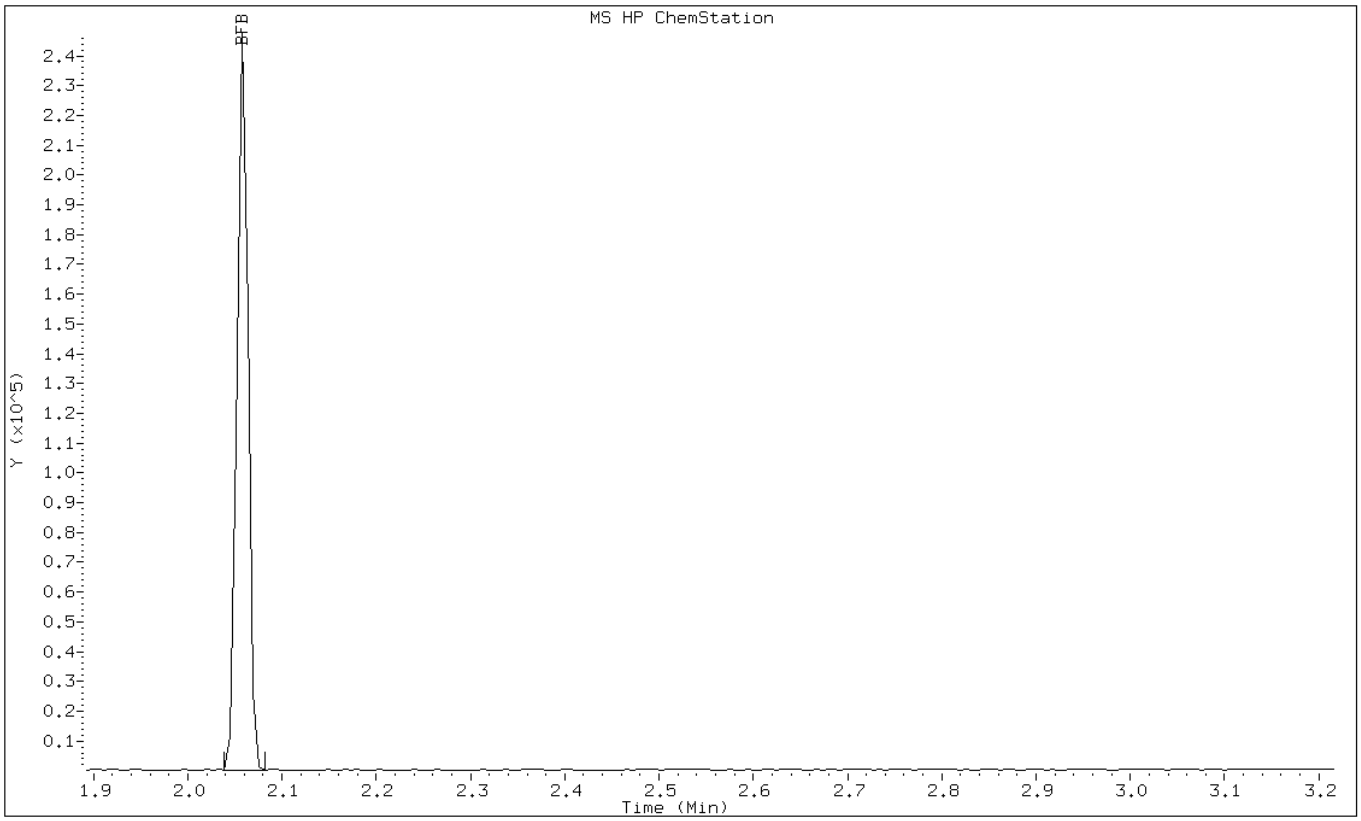
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.057	2.100 (0.000)	95	34776			0.00- 100.00	100.00
2.057	2.100 (0.000)	50	7167			15.00- 40.00	20.61
2.057	2.100 (0.000)	75	17728			30.00- 60.00	50.98
2.057	2.100 (0.000)	96	2447			5.00- 9.00	7.04
2.057	2.100 (0.000)	173	311			0.00- 2.00	1.08
2.057	2.100 (0.000)	174	28768			50.00- 100.00	82.72
2.057	2.100 (0.000)	175	2130			5.00- 9.00	7.40
2.057	2.100 (0.000)	176	27416			95.00- 101.00	95.30
2.057	2.100 (0.000)	177	1814			5.00- 9.00	6.62

Data File: d21887.d

Date: 25-JUN-2012 04:17

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



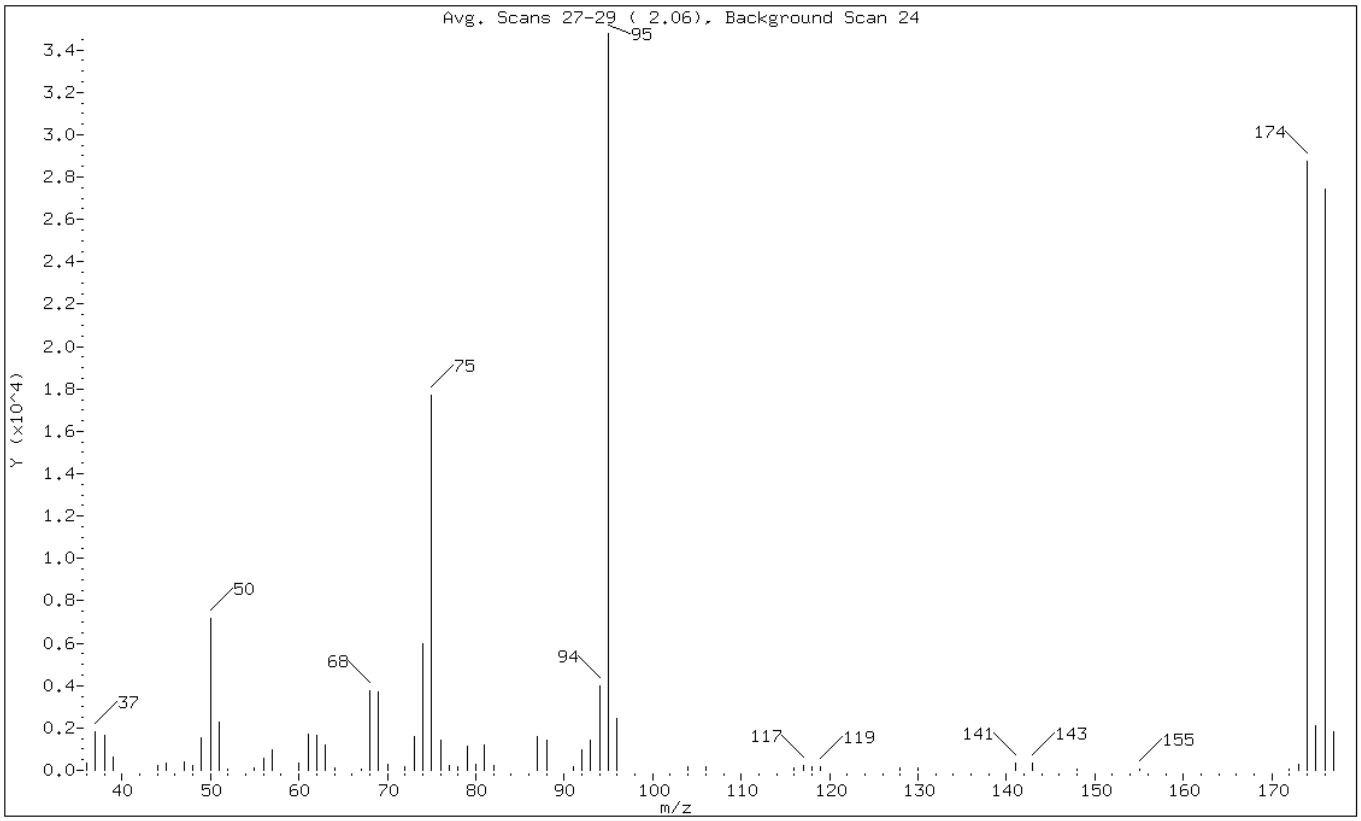
Data File: d21887.d

Date: 25-JUN-2012 04:17

Client ID: Instrument: VOAMS4.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	20.61
75	30.00 - 60.00% of mass 95	50.98
96	5.00 - 9.00% of mass 95	7.04
173	Less than 2.00% of mass 174	0.89 (1.08)
174	50.00 - 100.00% of mass 95	82.72
175	5.00 - 9.00% of mass 174	6.12 (7.40)
176	95.00 - 101.00% of mass 174	78.84 (95.30)
177	5.00 - 9.00% of mass 176	5.22 (6.62)

Data File: d21887.d

Date: 25-JUN-2012 04:17

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21887.d
Spectrum: Avg. Scans 27-29 (2.06), Background Scan 24
Location of Maximum: 95.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	346	61.00	1693	80.00	298	119.00	185
37.00	1837	62.00	1665	81.00	1215	128.00	111
38.00	1647	63.00	1210	82.00	233	130.00	98
39.00	651	64.00	94	87.00	1610	141.00	315
44.00	225	67.00	53	88.00	1429	143.00	317
45.00	349	68.00	3729	91.00	156	148.00	40
47.00	410	69.00	3715	92.00	961	155.00	38
48.00	227	70.00	303	93.00	1432	172.00	37
49.00	1540	72.00	151	94.00	3979	173.00	311
50.00	7167	73.00	1575	95.00	34776	174.00	28768
51.00	2266	74.00	5995	96.00	2447	175.00	2130
52.00	52	75.00	17728	104.00	179	176.00	27416
55.00	93	76.00	1421	106.00	161	177.00	1814
56.00	581	77.00	235	116.00	99		
57.00	995	78.00	154	117.00	246		
60.00	350	79.00	1133	118.00	152		

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21915.d
Report Date: 25-Jun-2012 15:38

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21915.d
Lab Smp Id: BFB
Inj Date : 25-JUN-2012 15:49
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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

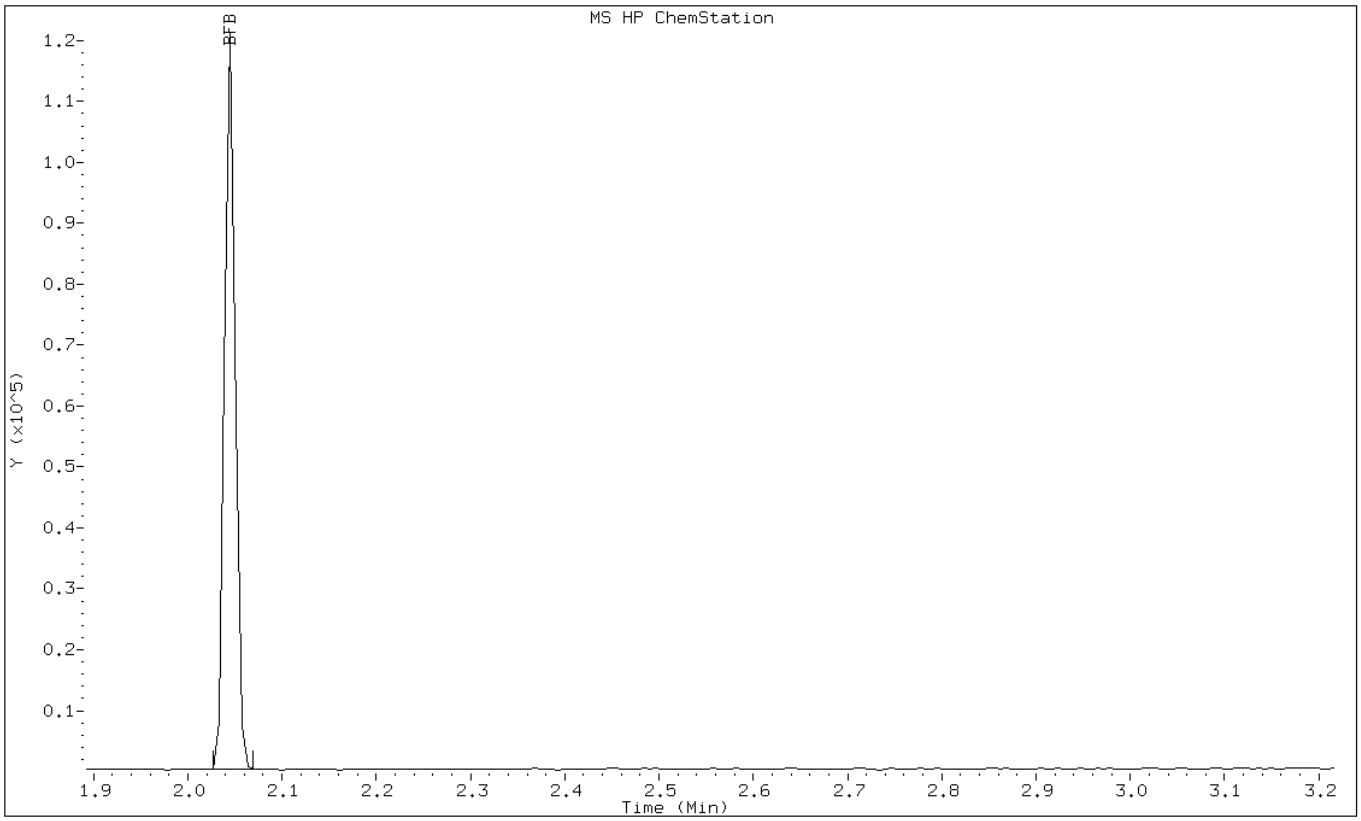
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.045	2.100 (0.000)	95	16468			0.00- 100.00	100.00
2.045	2.100 (0.000)	50	3505			15.00- 40.00	21.28
2.045	2.100 (0.000)	75	8368			30.00- 60.00	50.81
2.045	2.100 (0.000)	96	1309			5.00- 9.00	7.95
2.045	2.100 (0.000)	173	125			0.00- 2.00	0.93
2.045	2.100 (0.000)	174	13405			50.00- 100.00	81.40
2.045	2.100 (0.000)	175	1042			5.00- 9.00	7.77
2.045	2.100 (0.000)	176	13104			95.00- 101.00	97.75
2.045	2.100 (0.000)	177	890			5.00- 9.00	6.79

Data File: d21915.d

Date: 25-JUN-2012 15:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



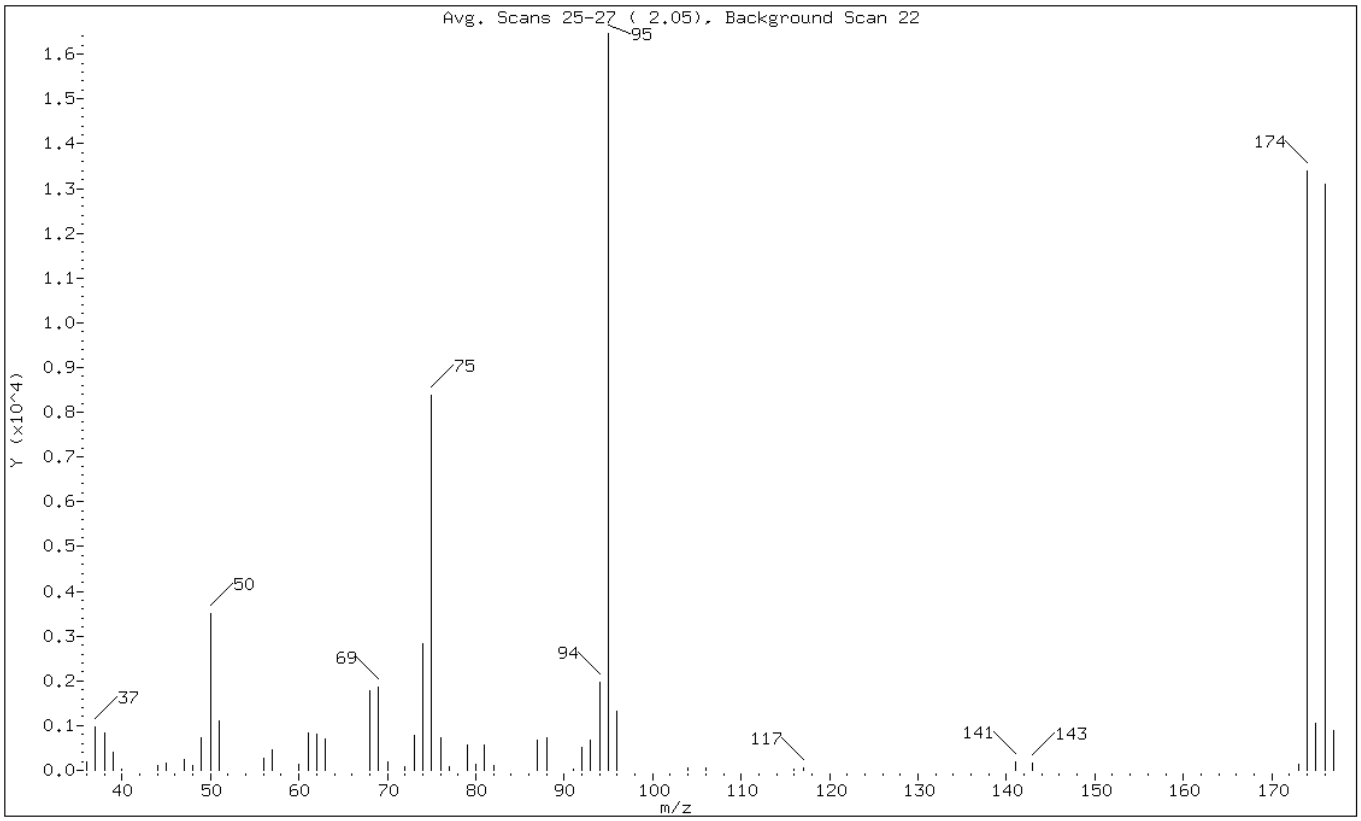
Data File: d21915.d

Date: 25-JUN-2012 15:49

Client ID: Instrument: VOAMS4.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	21.28
75	30.00 - 60.00% of mass 95	50.81
96	5.00 - 9.00% of mass 95	7.95
173	Less than 2.00% of mass 174	0.76 (0.93)
174	50.00 - 100.00% of mass 95	81.40
175	5.00 - 9.00% of mass 174	6.33 (7.77)
176	95.00 - 101.00% of mass 174	79.57 (97.75)
177	5.00 - 9.00% of mass 176	5.40 (6.79)

Data File: d21915.d

Date: 25-JUN-2012 15:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21915.d
Spectrum: Avg. Scans 25-27 (2.05), Background Scan 22
Location of Maximum: 95.00
Number of points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	202	57.00	464	77.00	87	104.00	48
37.00	968	60.00	145	79.00	569	106.00	46
38.00	845	61.00	827	80.00	136	116.00	37
39.00	401	62.00	814	81.00	564	117.00	50
40.00	20	63.00	708	82.00	113	141.00	178
44.00	112	68.00	1781	87.00	685	143.00	172
45.00	170	69.00	1852	88.00	732	173.00	125
47.00	235	70.00	188	91.00	36	174.00	13405
48.00	96	72.00	84	92.00	510	175.00	1042
49.00	740	73.00	792	93.00	684	176.00	13104
50.00	3505	74.00	2822	94.00	1975	177.00	890
51.00	1093	75.00	8368	95.00	16464		
56.00	267	76.00	737	96.00	1309		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-117294/5

Matrix: Solid | Lab File ID: d21894.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 07:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	3.35	J	10	1.7
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-117294/5

Matrix: Solid | Lab File ID: d21894.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 07:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
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
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-117294/5

Matrix: Solid Lab File ID: d21894.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2012 07:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21894.d
Report Date: 29-Jun-2012 14:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21894.d
Lab Smp Id: MB
Inj Date : 25-JUN-2012 07:39
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 7 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)	FINAL (ug/Kg)
	7 Acetone	43	2.564	2.552	(0.553)	3325	3.35486	3.4(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	190731	44.7581	45
*	69 Fluorobenzene	96	4.641	4.635	(1.000)	768333	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	599118	44.6115	45
*	32 Chlorobenzene-d5	117	8.029	8.023	(1.000)	461153	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	190851	44.4950	44
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	232561	50.0000	

QC Flag Legend

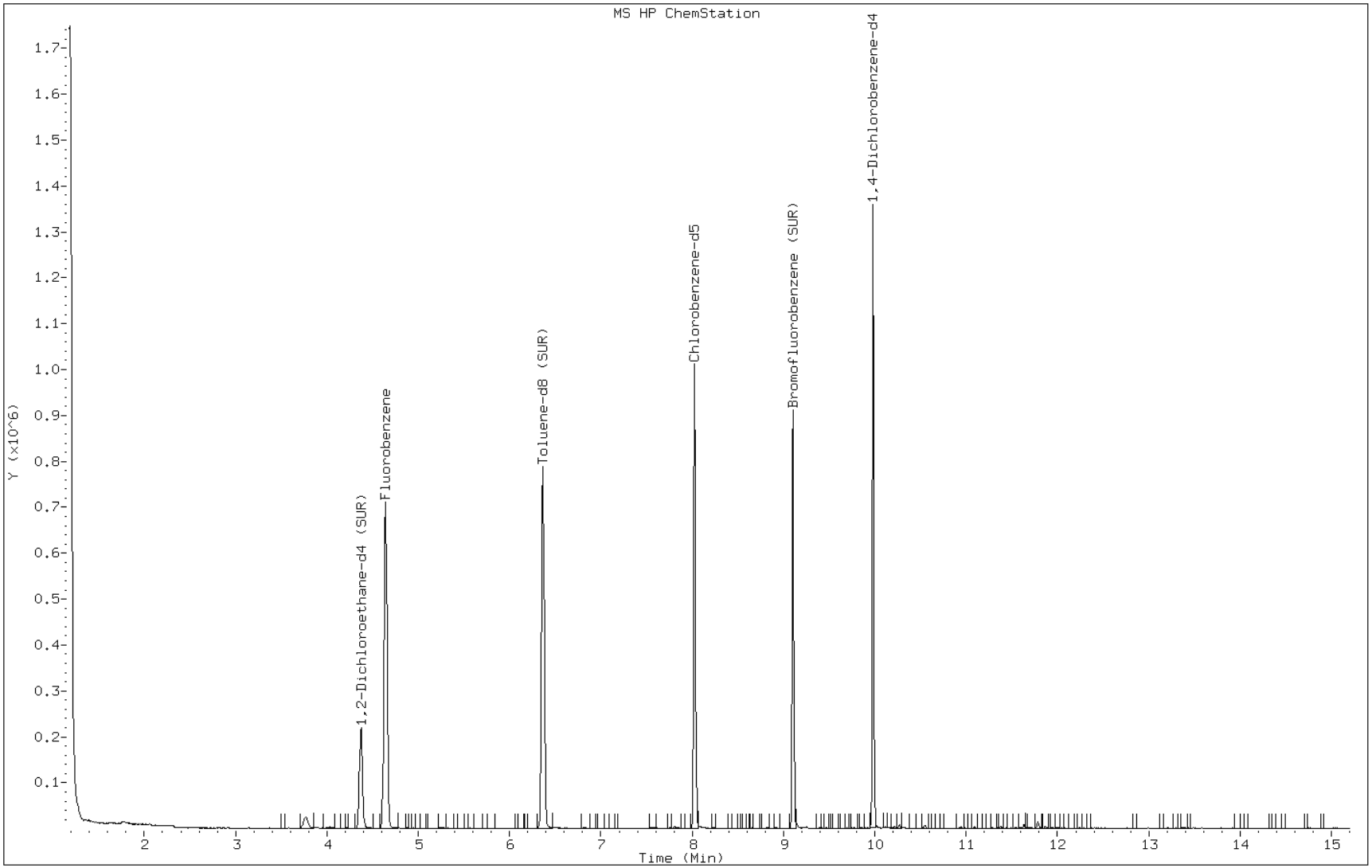
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d21894.d

Date: 25-JUN-2012 07:39

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



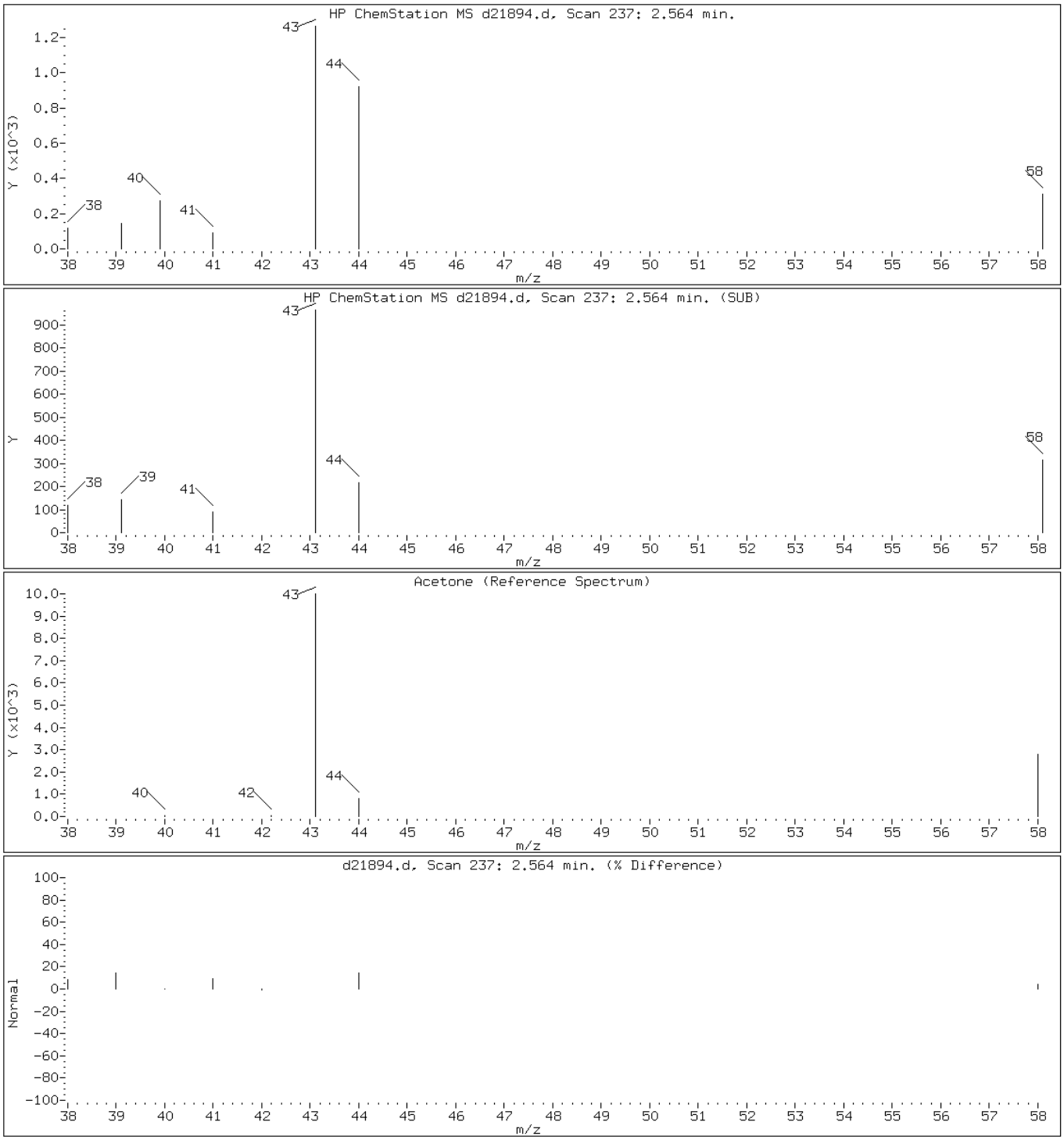
Data File: d21894.d

Date: 25-JUN-2012 07:39

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-117463/5

Matrix: Solid Lab File ID: d21923.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2012 19:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117463 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.179	J	1.0	0.15
67-64-1	Acetone	5.25	J	10	1.7
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-117463/5

Matrix: Solid | Lab File ID: d21923.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 19:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
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
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-117463/5

Matrix: Solid Lab File ID: d21923.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2012 19:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117463 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/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21923.d
Report Date: 26-Jun-2012 08:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21923.d
Lab Smp Id: MB
Inj Date : 25-JUN-2012 19:04
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 7 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	2.553	2.552	(0.550)	4027	5.24661	5.2(a)
	6 Methylene Chloride	84	2.517	2.511	(0.542)	593	0.17910	0.18(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	154201	46.7253	47
*	69 Fluorobenzene	96	4.641	4.641	(1.000)	595025	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	482744	45.4430	45
*	32 Chlorobenzene-d5	117	8.029	8.029	(1.000)	364779	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	151090	45.1141	45
*	91 1,4-Dichlorobenzene-d4	152	9.982	9.981	(1.000)	181584	50.0000	

QC Flag Legend

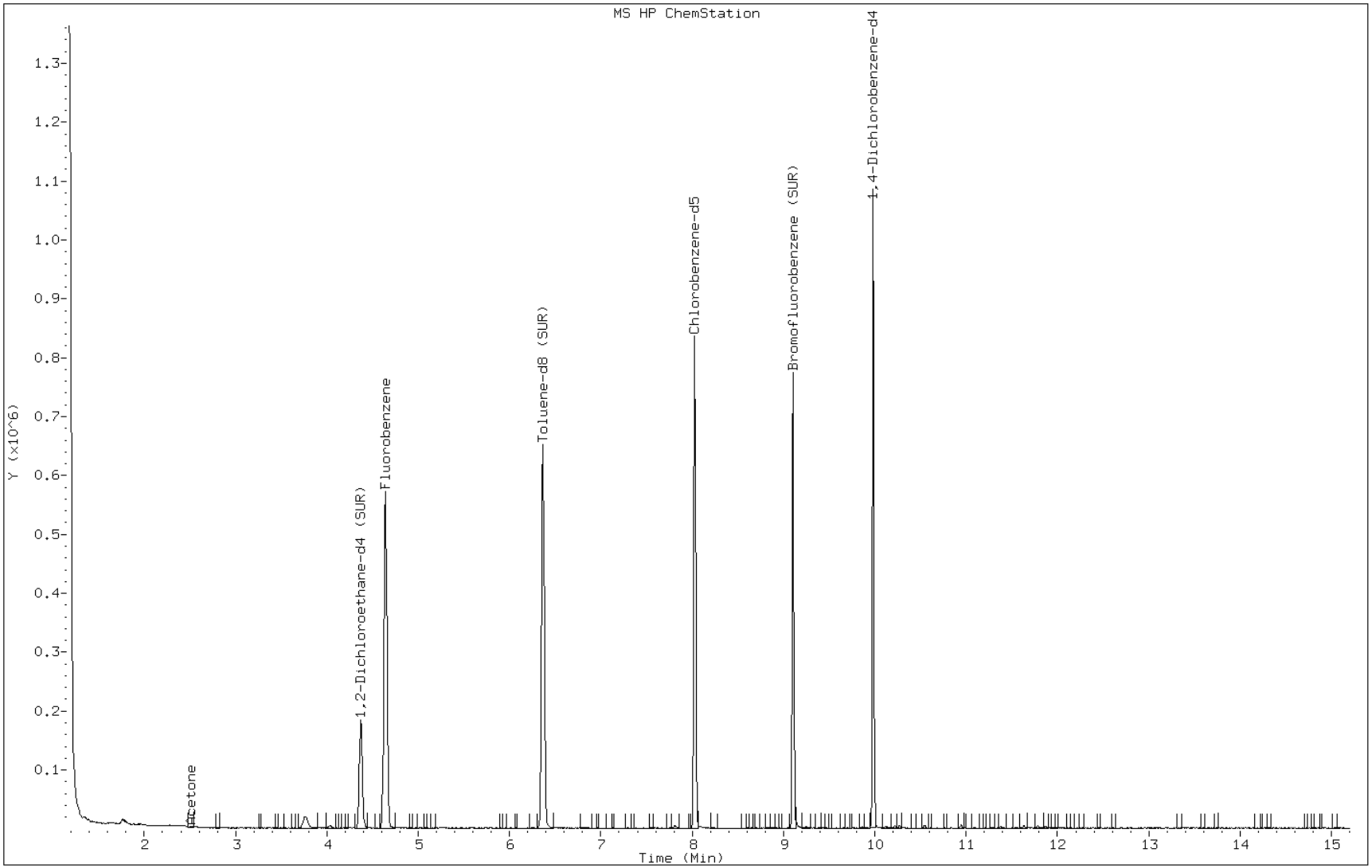
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d21923.d

Date: 25-JUN-2012 19:04

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



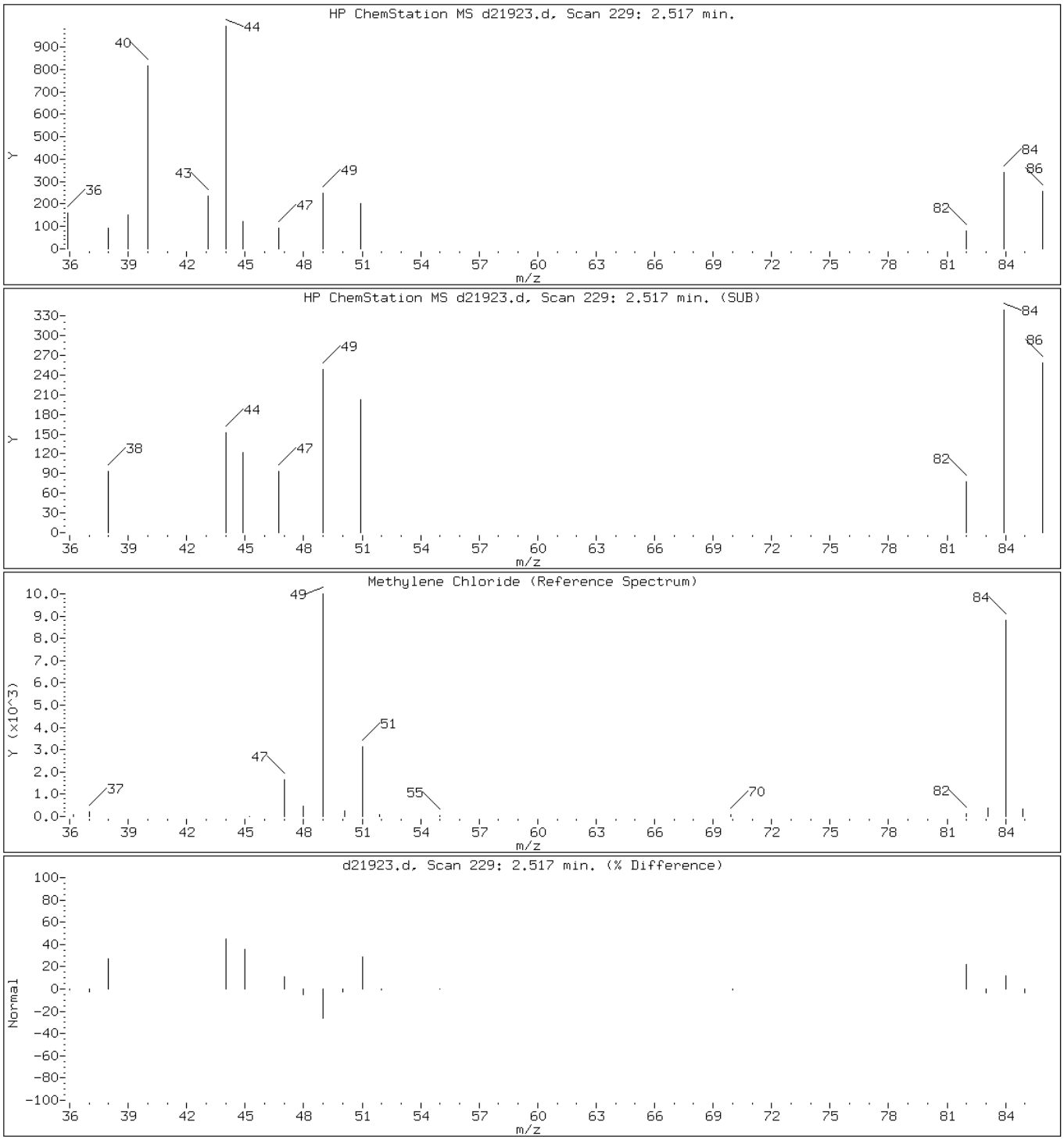
Data File: d21923.d

Date: 25-JUN-2012 19:04

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



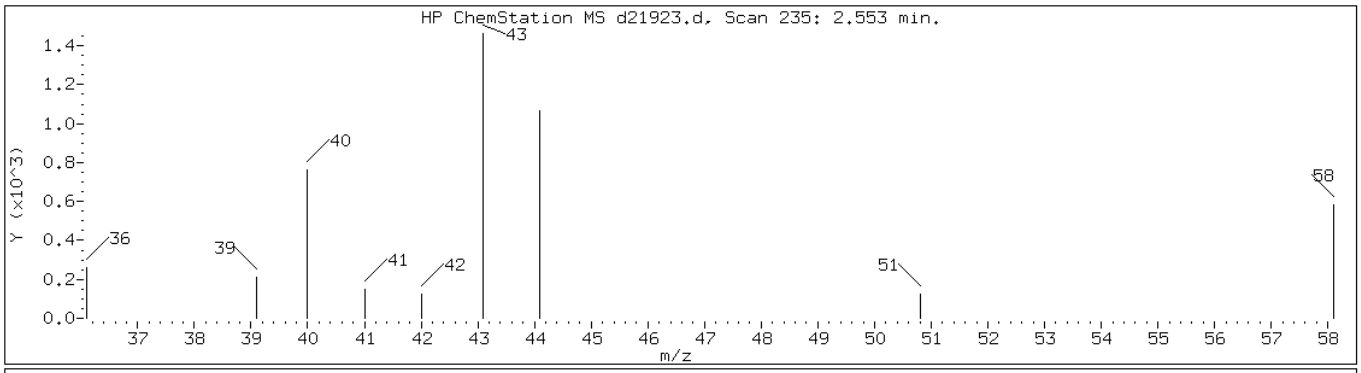
Data File: d21923.d

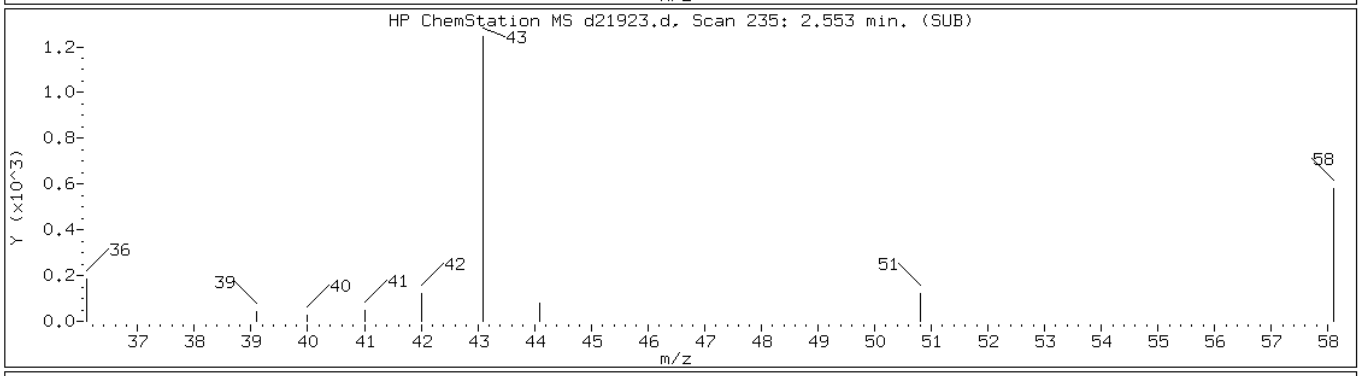
Date: 25-JUN-2012 19:04

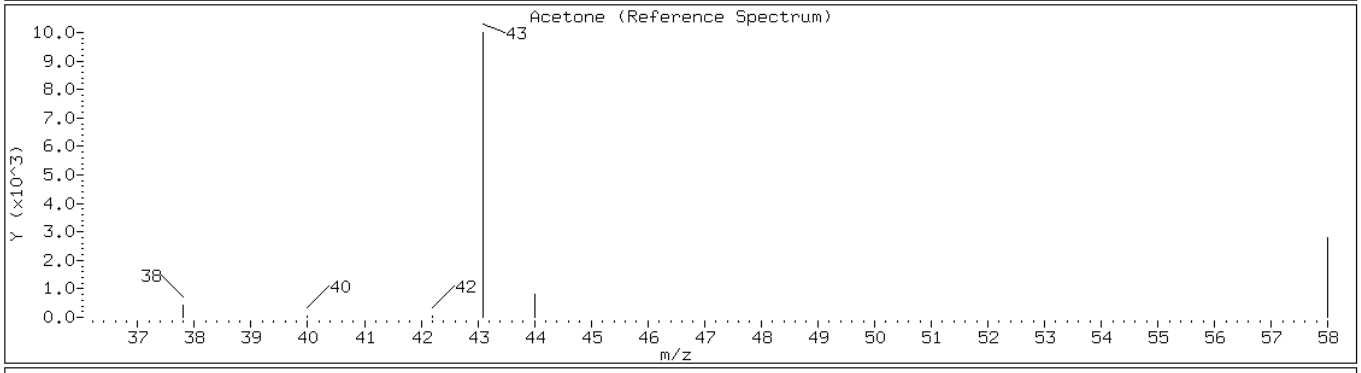
Client ID: Instrument: VOAMS4.i

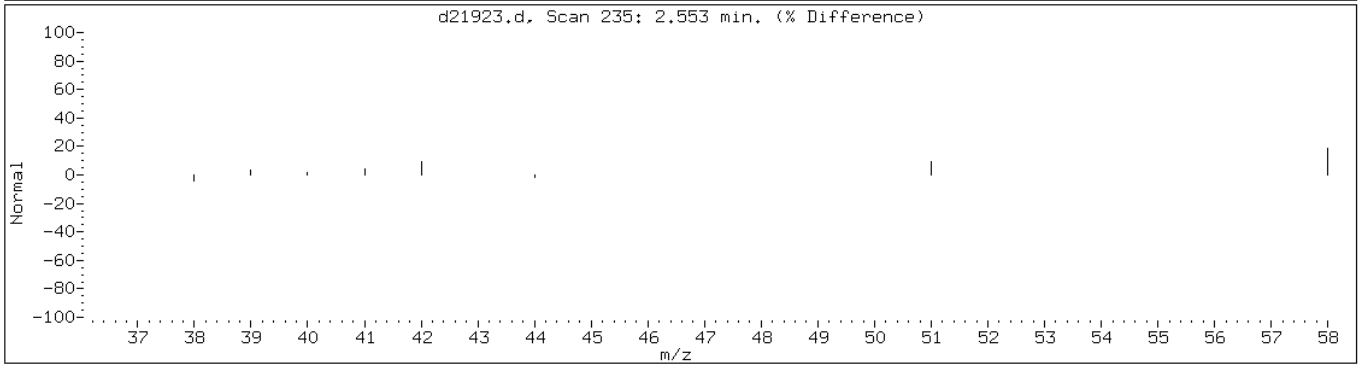
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.644	J	1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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
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
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
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
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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

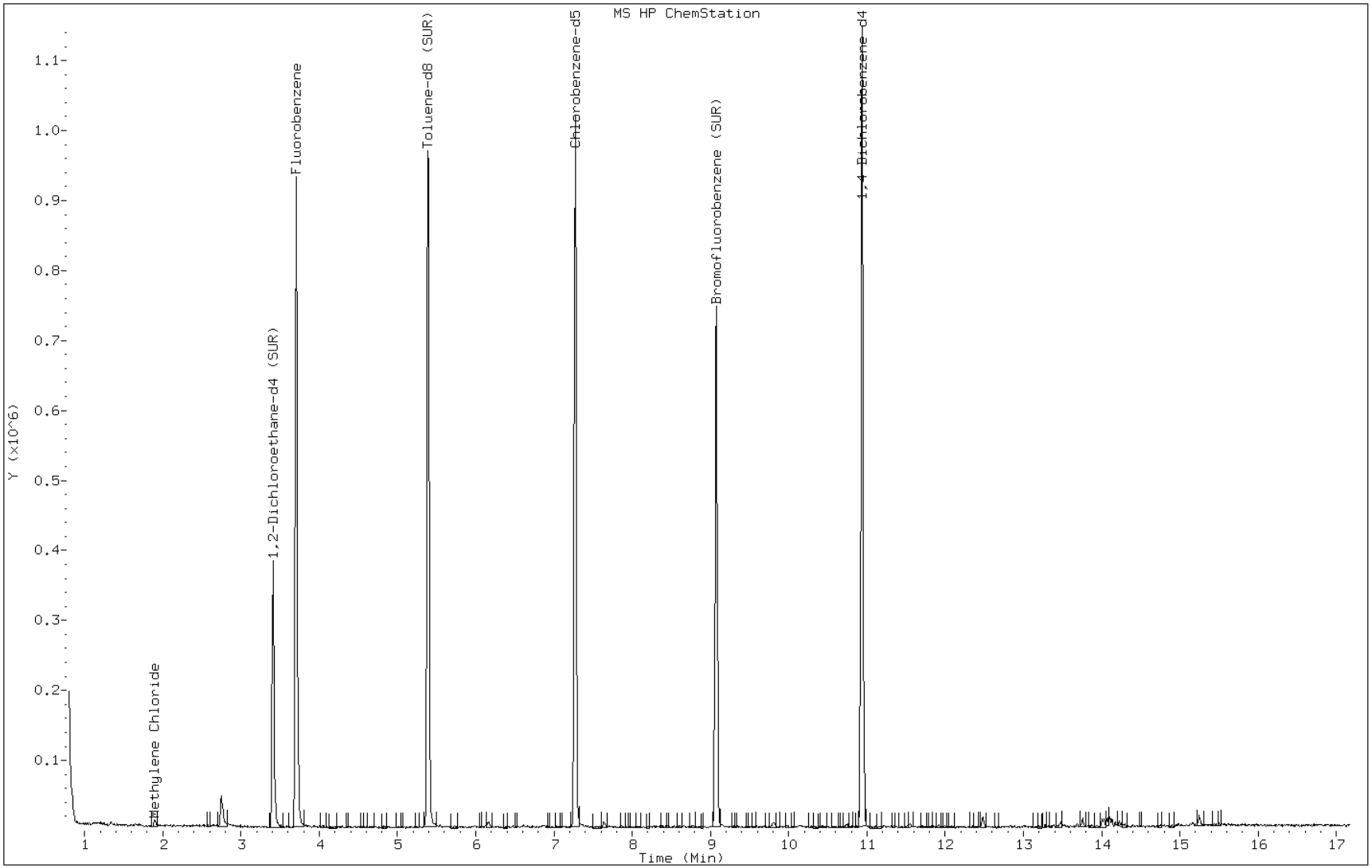
Date: 27-JUN-2012 18:48

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



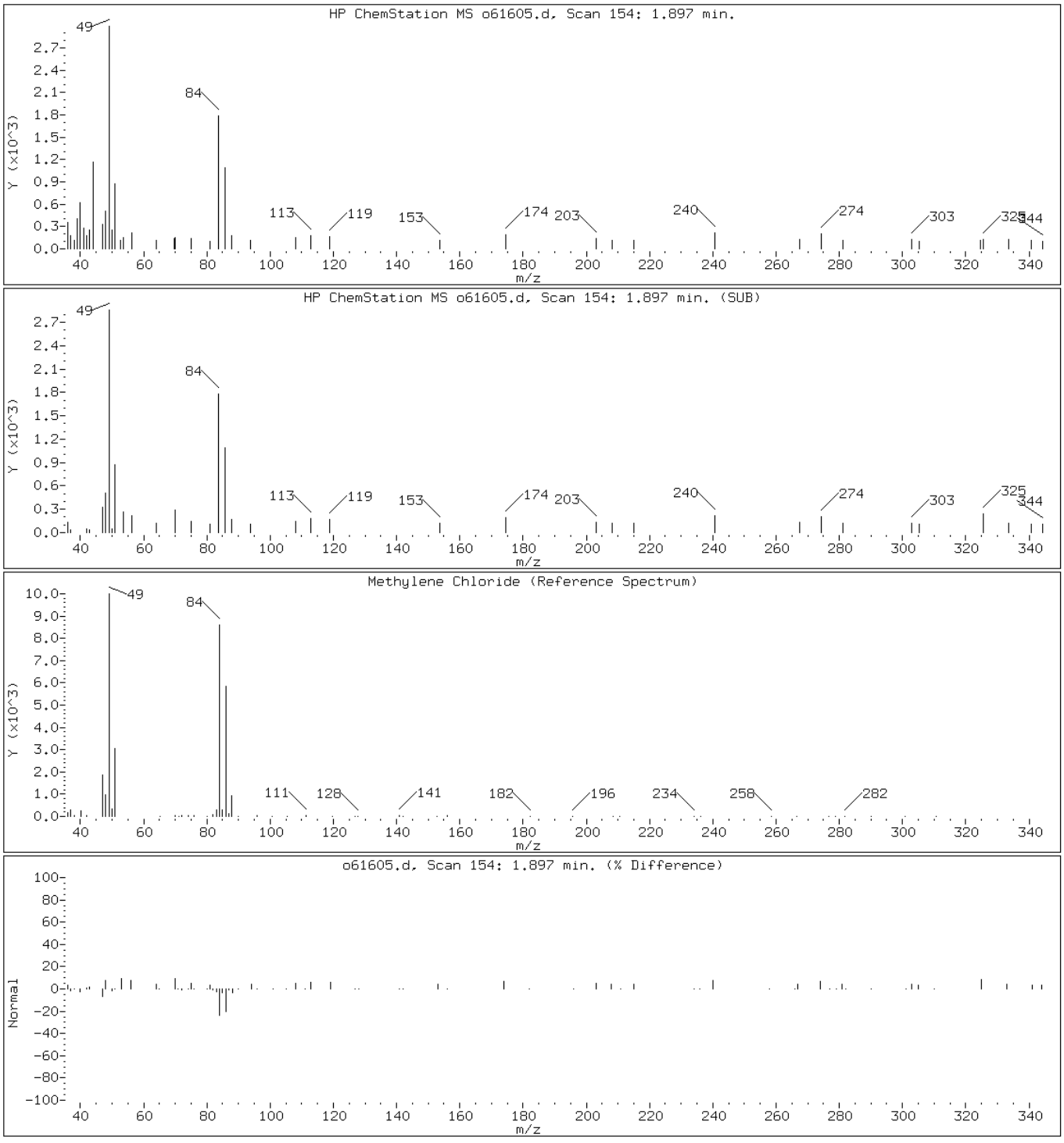
Data File: o61605.d

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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-116713/1-A

Matrix: Solid | Lab File ID: d21895.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/25/2012 08:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.743	J	1.0	0.15
67-64-1	Acetone	3.00	J	10	1.7
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-116713/1-A

Matrix: Solid | Lab File ID: d21895.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/25/2012 08:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
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
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	Bromofluorobenzene	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-116713/1-A

Matrix: Solid Lab File ID: d21895.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 06/25/2012 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117294 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/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21895.d
Report Date: 25-Jun-2012 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21895.d
Lab Smp Id: LB3 460-116713/1-A
Inj Date : 25-JUN-2012 08:03
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LB3 460-116713/1-A
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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	5.00000	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	2.541	2.552	(0.548)	2786	3.00085	3.0(a)
	6 Methylene Chloride	84	2.505	2.505	(0.541)	2974	0.74254	0.74(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.943)	162728	40.7579	41
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	719868	50.0000	
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	524503	41.0287	41
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	438976	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	168598	42.6501	43
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	214332	50.0000	

QC Flag Legend

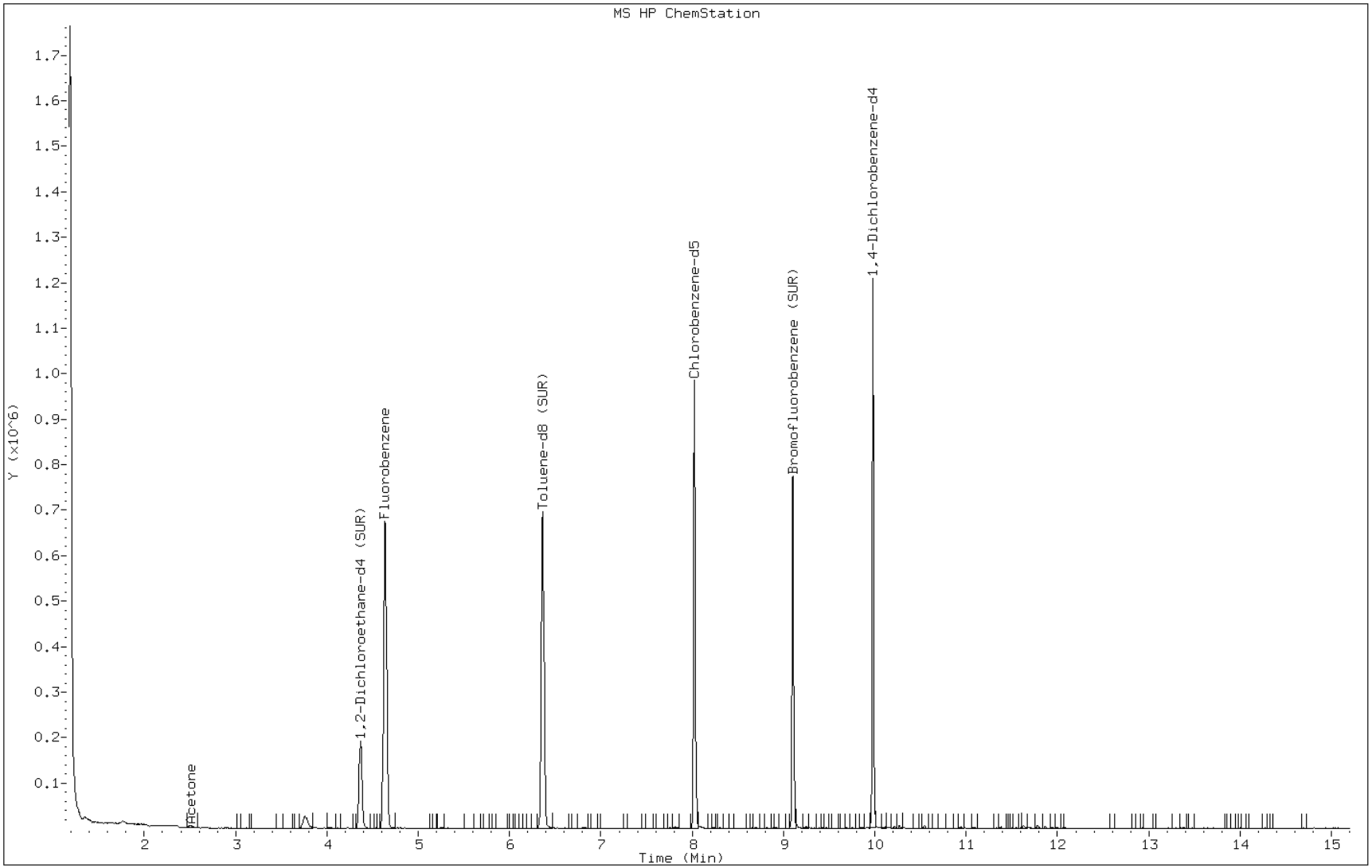
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d21895.d

Date: 25-JUN-2012 08:03

Client ID: Instrument: VOAMS4.i

Sample Info: LB3 460-116713/1-A Operator: VOAMS 9



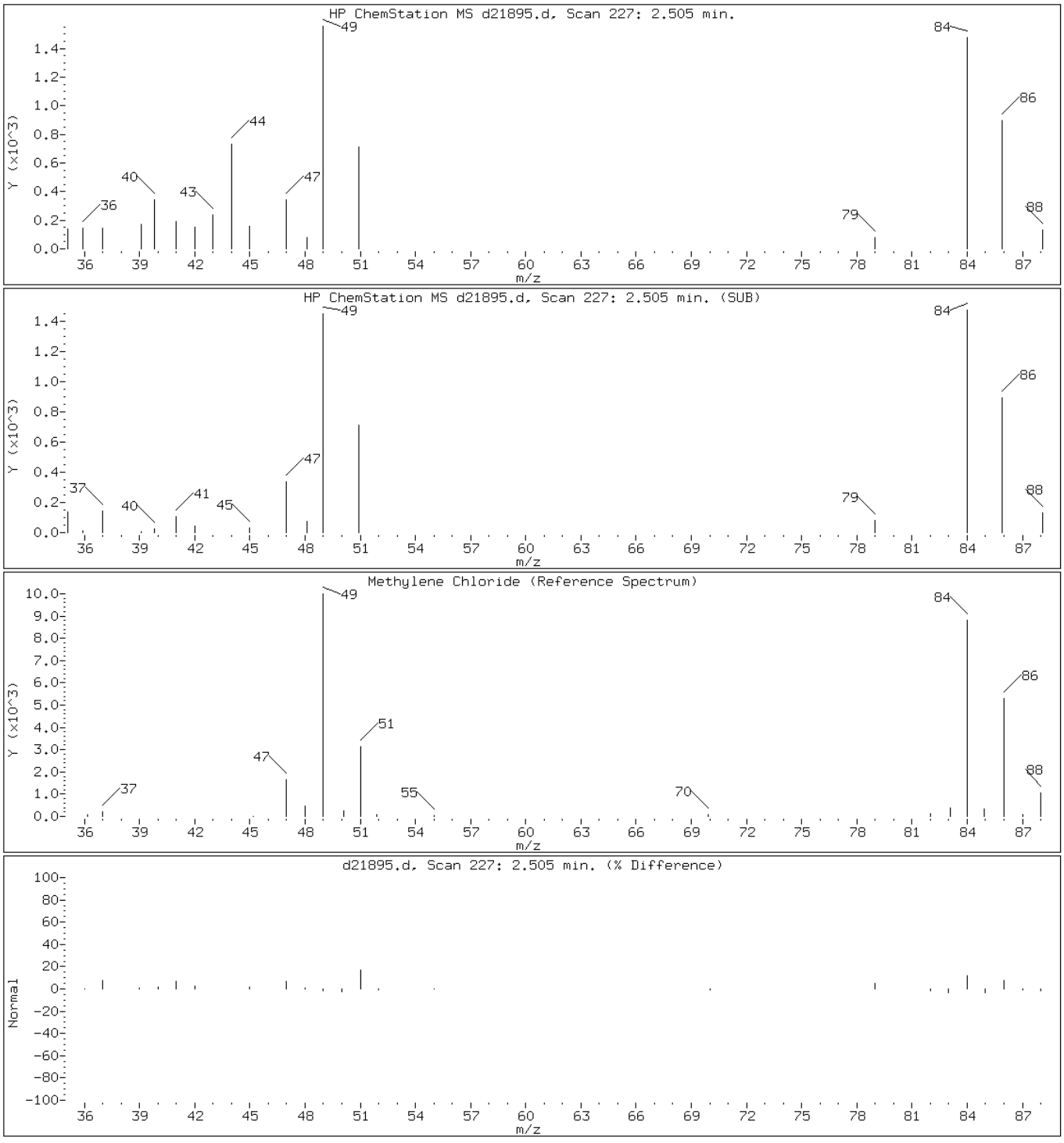
Data File: d21895.d

Date: 25-JUN-2012 08:03

Client ID: Instrument: VOAMS4.i

Sample Info: LB3 460-116713/1-A Operator: VOAMS 9

6 Methylene Chloride



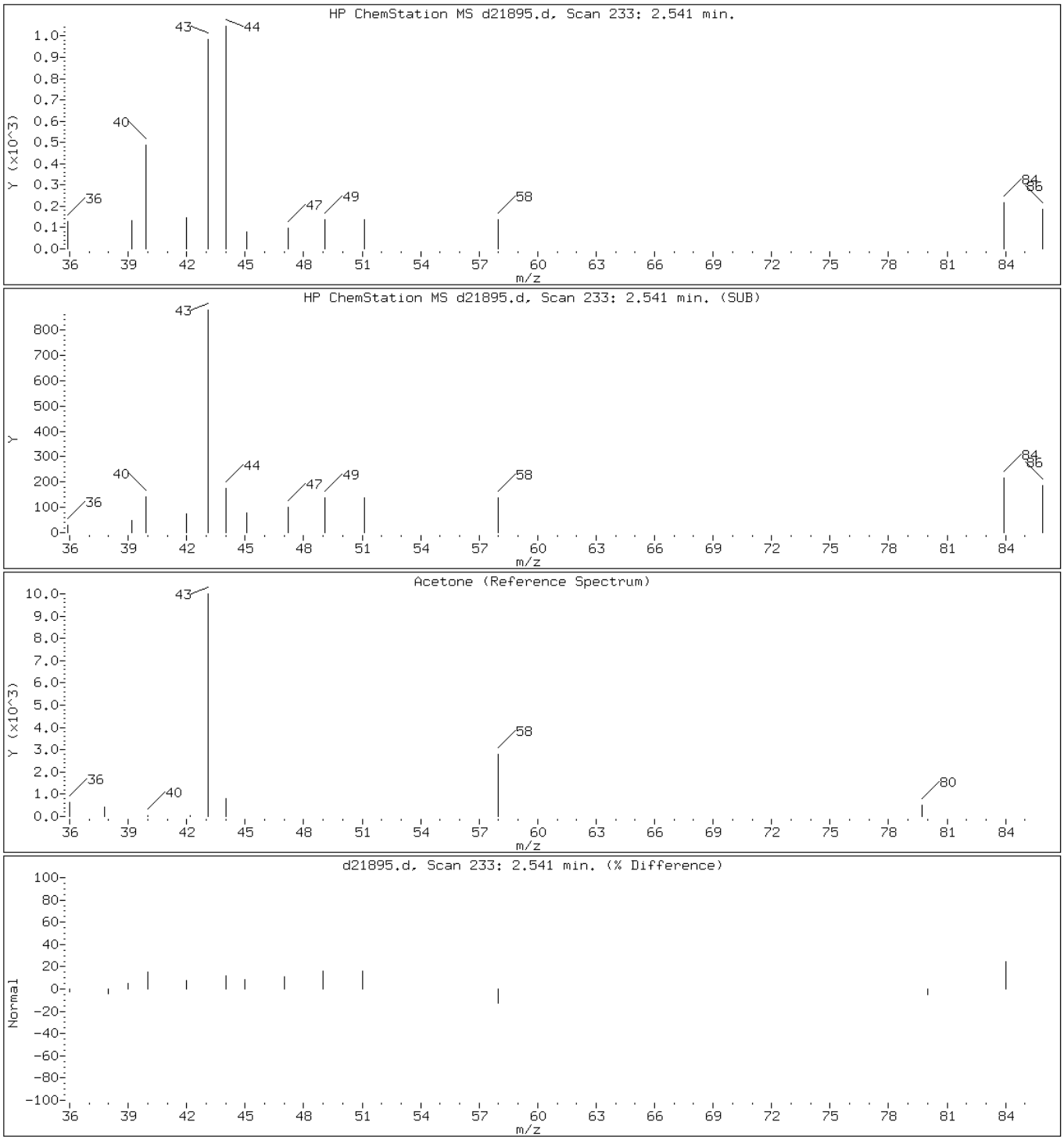
Data File: d21895.d

Date: 25-JUN-2012 08:03

Client ID: Instrument: VOAMS4.i

Sample Info: LB3 460-116713/1-A Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-117294/3

Matrix: Solid | Lab File ID: d21889.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 05:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.4		1.0	0.16
74-83-9	Bromomethane	23.9		1.0	0.43
75-01-4	Vinyl chloride	23.4		1.0	0.34
75-00-3	Chloroethane	25.1		1.0	0.33
75-09-2	Methylene Chloride	22.1		1.0	0.15
67-64-1	Acetone	24.9		10	1.7
1330-20-7	Xylenes, Total	59.2		3.0	0.67
75-15-0	Carbon disulfide	22.7		1.0	0.15
75-69-4	Trichlorofluoromethane	20.7		1.0	0.16
75-35-4	1,1-Dichloroethene	20.5		1.0	0.19
75-34-3	1,1-Dichloroethane	18.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.11
67-66-3	Chloroform	18.8		1.0	0.24
78-93-3	2-Butanone	18.2		10	0.63
107-06-2	1,2-Dichloroethane	18.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.13
56-23-5	Carbon tetrachloride	21.8		1.0	0.15
71-43-2	Benzene	18.9		1.0	0.15
75-25-2	Bromoform	17.0		1.0	0.17
100-42-5	Styrene	19.5		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.17
108-90-7	Chlorobenzene	18.9		1.0	0.18
110-82-7	Cyclohexane	19.6		1.0	0.13
98-82-8	Isopropylbenzene	20.0		1.0	0.11
591-78-6	2-Hexanone	18.2		10	0.13
1634-04-4	MTBE	18.8		1.0	0.11
76-13-1	Freon TF	22.6		1.0	0.11
79-20-9	Methyl acetate	18.9		1.0	0.32
123-91-1	1,4-Dioxane	146		50	13
79-01-6	Trichloroethene	19.2		1.0	0.12
108-88-3	Toluene	19.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	15.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.3		10	0.20
10061-01-5	cis-1,3-Dichloropropene	16.4		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-117294/3

Matrix: Solid | Lab File ID: d21889.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 05:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.16
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.1		1.0	0.16
78-87-5	1,2-Dichloropropane	19.1		1.0	0.15
108-87-2	Methylcyclohexane	20.6		1.0	0.10
127-18-4	Tetrachloroethene	19.2		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.14
124-48-1	Dibromochloromethane	16.2		1.0	0.10
106-93-4	1,2-Dibromoethane	18.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.3		1.0	0.22
74-97-5	Bromochloromethane	19.6		1.0	0.11
75-27-4	Bromodichloromethane	19.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	91		70-130

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21889.d
Report Date: 25-Jun-2012 12:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21889.d
Lab Smp Id: LCS
Inj Date : 25-JUN-2012 05:06
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.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				150028	39.3782	39
	90 Dichlorodifluoromethane	85	1.259	1.264	(0.272)	147733	23.2837	23
	1 Chloromethane	50	1.341	1.347	(0.289)	156489	20.4192	20
	4 Vinyl Chloride	62	1.411	1.411	(0.305)	170642	23.4069	23
	3 Bromomethane	94	1.606	1.605	(0.346)	87069	23.9219	24
	5 Chloroethane	64	1.676	1.676	(0.362)	86186	25.0862	25
	9 Trichlorofluoromethane	101	1.770	1.776	(0.382)	188543	20.6560	21
	161 Dichlorofluoromethane	67	1.806	1.811	(0.390)	236480	22.3940	22
	46 Ethyl Ether	59	1.970	1.970	(0.425)	58714	18.1531	18
	119 Isoprene	67	1.958	1.958	(0.423)	134869	20.5983	20
	47 Acrolein	56	2.335	2.335	(0.504)	130037	270.167	270
	10 1,1-Dichloroethene	96	2.100	2.099	(0.453)	62328	20.4835	20
	48 Freon TF	101	2.147	2.141	(0.463)	108780	22.6301	23
	7 Acetone	43	2.553	2.552	(0.551)	20047	24.8723	25

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21889.d
Report Date: 25-Jun-2012 12:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	142 Iodomethane	142	2.188	2.194	(0.472)	153738	22.5646	22
	8 Carbon Disulfide	76	2.111	2.111	(0.456)	312334	22.6536	23
	50 Acetonitrile	41	2.888	2.894	(0.623)	142581	295.539	300
	125 Methyl acetate	74	2.647	2.641	(0.571)	9933	18.8846	19
	6 Methylene Chloride	84	2.500	2.505	(0.539)	76894	22.1162	22
	51 TBA	59	2.817	2.811	(0.608)	131126	373.571	370
	52 Acrylonitrile	53	3.123	3.123	(0.674)	160498	145.692	140
	12 trans-1,2-Dichloroethene	96	2.611	2.611	(0.563)	69586	19.8211	20
	53 MTBE	73	2.717	2.711	(0.586)	190215	18.8429	19
	54 Hexane	56	2.670	2.676	(0.576)	86933	19.7046	20
	11 1,1-Dichloroethane	63	3.076	3.076	(0.664)	137768	18.9498	19
	57 Vinyl Acetate	43	3.288	3.282	(0.709)	136317	21.5671	22
	55 DIPE	45	3.005	3.005	(0.648)	263684	17.3760	17
	149 tert-Butyl ethyl ether	59	3.288	3.288	(0.709)	292662	21.9728	22
	104 2,2-Dichloropropane	77	3.594	3.599	(0.775)	138917	21.3536	21
	13 cis-1,2-Dichloroethene	96	3.505	3.499	(0.756)	80442	19.5571	20
	18 2-Butanone	43	4.011	4.017	(0.865)	24245	18.1706	18
	56 Ethyl Acetate	70	3.864	3.864	(0.834)	11915	38.4895	38
	108 Bromochloromethane	128	3.670	3.664	(0.792)	33685	19.6402	20
	15 Chloroform	83	3.741	3.740	(0.807)	139131	18.8335	19
	20 1,1,1-Trichloroethane	97	3.911	3.911	(0.844)	145650	21.0619	21
	59 Cyclohexane	56	3.670	3.664	(0.792)	190803	19.5936	20
	21 Carbon Tetrachloride	117	3.847	3.846	(0.830)	134786	21.8230	22
	92 1,1-Dichloropropene	75	4.011	4.011	(0.865)	103867	18.4726	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.364	4.364	(0.942)	158365	45.6977	46
	28 Benzene	78	4.235	4.235	(0.914)	276831	18.9151	19
	17 1,2-Dichloroethane	62	4.429	4.429	(0.956)	81702	18.2738	18
	61 Isopropyl Acetate	43	4.729	4.723	(1.020)	199881	34.9620	35
	140 tert-Amylmethyl Ether	73	4.376	4.376	(0.944)	179965	17.9700	18
*	69 Fluorobenzene	96	4.635	4.635	(1.000)	624835	50.0000	
	62 n-Heptane	57	4.229	4.235	(0.527)	83573	18.7377	19
	25 Trichloroethene	95	4.799	4.799	(1.036)	75338	19.2398	19
	63 n-Butanol	43	5.235	5.235	(1.129)	62366	1280.26	1300
	96 Ethyl Acrylate	55	5.423	5.417	(1.170)	57492	17.1313	17
	126 Methyl cyclohexane	83	4.788	4.787	(1.033)	189784	20.6056	21
	23 1,2-Dichloropropane	63	5.335	5.335	(1.151)	72850	19.1341	19
	109 Dibromomethane	93	5.229	5.223	(1.128)	36013	19.8098	20
	95 1,4-Dioxane	88	5.652	5.646	(1.220)	4834	146.315	150
	146 Methyl methacrylate	69	5.641	5.646	(1.217)	32195	18.9028	19
	64 Propyl Acetate	43	5.817	5.817	(1.255)	134289	34.7848	35
	22 Bromodichloromethane	83	5.429	5.423	(1.171)	84081	19.1847	19
	30 2-Chloroethyl Vinyl Ether	63	6.105	6.111	(1.317)	28563	17.5588	18
	118 Epichlorohydrin	57	6.452	6.458	(1.392)	90541	332.437	330
	24 cis-1,3-Dichloropropene	75	6.141	6.146	(1.325)	86324	16.4198	16
	33 4-Methyl-2-Pentanone	43	6.923	6.923	(1.494)	51404	17.2672	17
$	37 Toluene-d8 (SUR)	98	6.358	6.358	(0.792)	517272	45.0471	45
	38 Toluene	91	6.417	6.417	(0.800)	303471	19.8687	20

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21889.d
Report Date: 25-Jun-2012 12:10

	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	6.946	6.946	(0.866)	67456	15.1953	15
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.887)	42664	18.6169	19
	35 Tetrachloroethene	166	6.870	6.870	(0.856)	75953	19.2324	19
	103 1,3-Dichloropropane	76	7.393	7.387	(0.922)	81224	18.1107	18
	34 2-Hexanone	43	7.811	7.811	(0.974)	35409	18.2014	18
	26 Dibromochloromethane	129	7.288	7.293	(0.908)	50682	16.2361	16
	65 Butyl Acetate	43	7.752	7.752	(0.966)	143467	32.8473	33
	66 1,2-Dibromoethane	107	7.505	7.505	(0.935)	43645	18.7846	19
*	32 Chlorobenzene-d5	117	8.023	8.023	(1.000)	394304	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.002)	184390	18.9365	19
	97 1,1,1,2-Tetrachloroethane	131	8.111	8.111	(1.011)	69867	19.4665	19
	40 Ethylbenzene	106	8.093	8.093	(1.009)	106826	19.1902	19
	43 m+p-Xylene	106	8.235	8.228	(1.026)	265577	39.7133	40
	44 o-Xylene	106	8.605	8.605	(1.073)	129580	19.5197	20
	42 Styrene	104	8.658	8.658	(1.079)	193651	19.4885	19
	31 Bromoform	173	8.658	8.652	(1.079)	31771	17.0499	17
	110 Isopropylbenzene	105	8.882	8.881	(1.107)	402984	19.9556	20
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	170886	45.4253	45
	107 Bromobenzene	156	9.170	9.170	(0.919)	77550	18.3578	18
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	68785	18.7300	19
	99 1,2,3-Trichloropropane	110	9.382	9.387	(0.940)	19545	19.1080	19
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.036)	14654	17.6971	18
	112 n-Propylbenzene	91	9.229	9.228	(0.925)	482883	19.1871	19
	105 2-Chlorotoluene	91	9.334	9.328	(0.935)	264972	18.6040	19
	106 4-Chlorotoluene	91	9.470	9.464	(0.949)	252660	18.5122	18
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.941)	320046	18.6254	19
	148 Butyl methacrylate	69	9.652	9.652	(0.967)	89188	14.2167	14(R)
	115 tert-Butylbenzene	119	9.634	9.634	(0.965)	262524	15.7903	16(R)
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	318531	18.6967	19
	114 sec-Butylbenzene	105	9.776	9.770	(0.979)	468401	19.4280	19
	67 1,3-Dichlorobenzene	146	9.917	9.917	(0.994)	163777	19.0084	19
*	91 1,4-Dichlorobenzene-d4	152	9.982	9.981	(1.000)	203968	50.0000	
	68 1,4-Dichlorobenzene	146	9.987	9.987	(1.001)	162647	19.1950	19
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	368470	19.4421	19
	69 1,2-Dichlorobenzene	146	10.299	10.299	(1.032)	155868	19.2193	19
	117 Benzyl chloride	126	10.187	10.187	(1.021)	15651	13.8589	14(R)
	111 n-Butylbenzene	92	10.205	10.205	(1.022)	217100	19.1275	19
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	11013	16.1324	16
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	120112	18.6115	19
	94 Hexachlorobutadiene	225	11.364	11.364	(1.138)	78300	18.2006	18
	70 Naphthalene	128	11.628	11.628	(1.165)	216689	17.7933	18
	98 1,2,3-Trichlorobenzene	180	11.781	11.775	(1.180)	108798	18.0735	18
M	45 Xylene (Total)	100				395157	59.2347	59

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21889.d
Report Date: 25-Jun-2012 12:10

QC Flag Legend

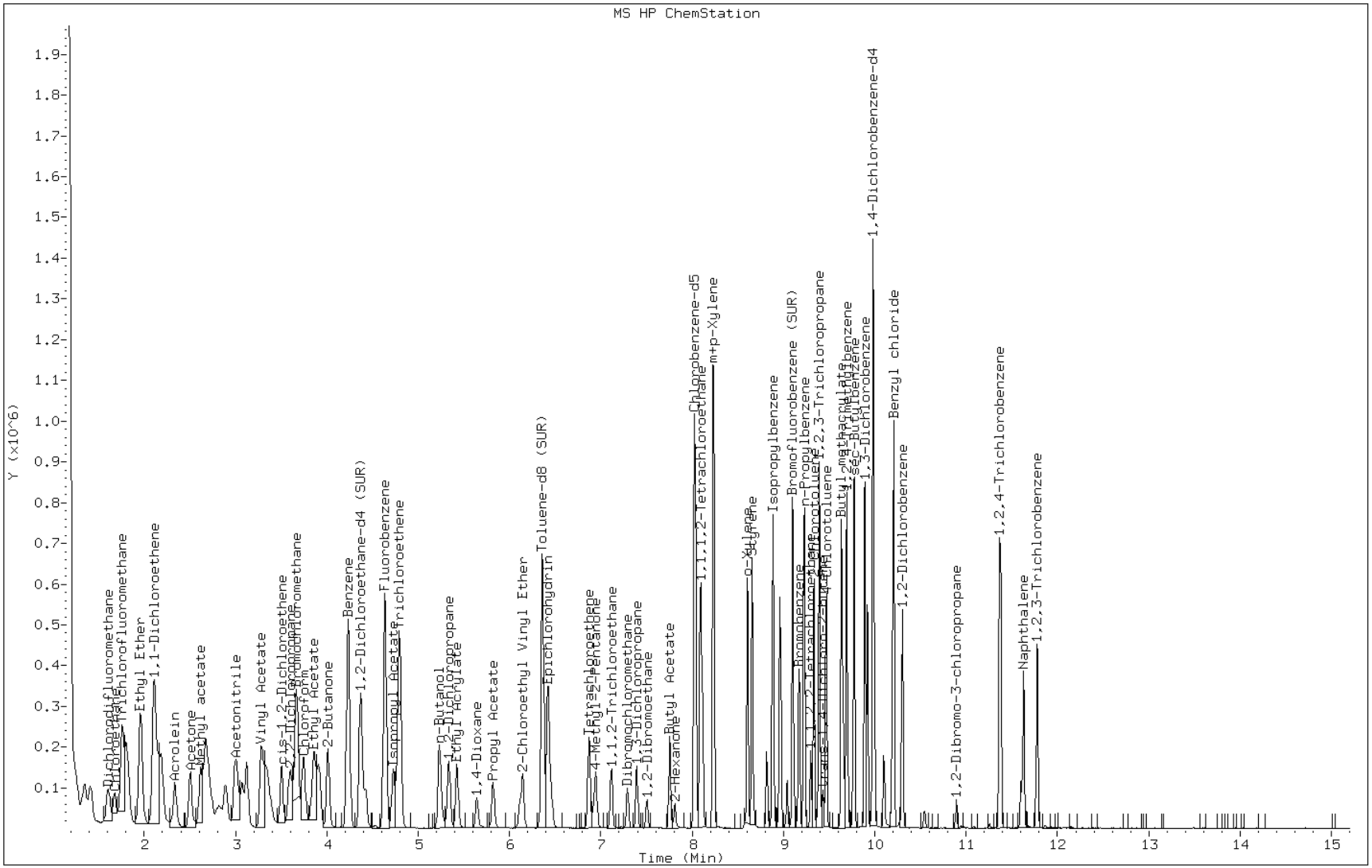
R - Spike/Surrogate failed recovery limits.

Data File: d21889.d

Date: 25-JUN-2012 05:06

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-117463/3

Matrix: Solid Lab File ID: d21918.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2012 17:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117463 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.7		1.0	0.16
74-83-9	Bromomethane	20.7		1.0	0.43
75-01-4	Vinyl chloride	18.5		1.0	0.34
75-00-3	Chloroethane	21.4		1.0	0.33
75-09-2	Methylene Chloride	21.8		1.0	0.15
67-64-1	Acetone	32.6		10	1.7
1330-20-7	Xylenes, Total	56.3		3.0	0.67
75-15-0	Carbon disulfide	14.9		1.0	0.15
75-69-4	Trichlorofluoromethane	17.5		1.0	0.16
75-35-4	1,1-Dichloroethene	22.3		1.0	0.19
75-34-3	1,1-Dichloroethane	18.8		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.11
67-66-3	Chloroform	18.2		1.0	0.24
78-93-3	2-Butanone	19.3		10	0.63
107-06-2	1,2-Dichloroethane	18.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.13
56-23-5	Carbon tetrachloride	19.7		1.0	0.15
71-43-2	Benzene	19.4		1.0	0.15
75-25-2	Bromoform	15.4		1.0	0.17
100-42-5	Styrene	18.0		1.0	0.28
100-41-4	Ethylbenzene	19.0		1.0	0.17
108-90-7	Chlorobenzene	17.8		1.0	0.18
110-82-7	Cyclohexane	16.5		1.0	0.13
98-82-8	Isopropylbenzene	18.4		1.0	0.11
591-78-6	2-Hexanone	19.2		10	0.13
1634-04-4	MTBE	17.2		1.0	0.11
76-13-1	Freon TF	20.1		1.0	0.11
79-20-9	Methyl acetate	20.2		1.0	0.32
123-91-1	1,4-Dioxane	159		50	13
79-01-6	Trichloroethene	20.1		1.0	0.12
108-88-3	Toluene	19.4		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	14.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.4		10	0.20
10061-01-5	cis-1,3-Dichloropropene	15.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	16.8		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-117463/3

Matrix: Solid | Lab File ID: d21918.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 17:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	17.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	17.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	16.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	16.7		1.0	0.16
78-87-5	1,2-Dichloropropane	19.0		1.0	0.15
108-87-2	Methylcyclohexane	16.8		1.0	0.10
127-18-4	Tetrachloroethene	19.4		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.2		1.0	0.14
124-48-1	Dibromochloromethane	14.7		1.0	0.10
106-93-4	1,2-Dibromoethane	18.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.0		1.0	0.22
74-97-5	Bromochloromethane	18.9		1.0	0.11
75-27-4	Bromodichloromethane	18.3		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	86		70-130

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21918.d
Report Date: 25-Jun-2012 17:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21918.d
Lab Smp Id: LCS
Inj Date : 25-JUN-2012 17:07
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 2 QC Sample: LCS
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				154494	39.1734	39
90	Dichlorodifluoromethane	85	1.264	1.258	(0.272)	105337	15.9961	16
1	Chloromethane	50	1.358	1.352	(0.292)	140513	17.6656	18
4	Vinyl Chloride	62	1.423	1.429	(0.306)	140249	18.5360	18
3	Bromomethane	94	1.617	1.617	(0.348)	78267	20.7190	21
5	Chloroethane	64	1.688	1.676	(0.363)	76250	21.3843	21
9	Trichlorofluoromethane	101	1.782	1.782	(0.383)	165721	17.4933	17
161	Dichlorofluoromethane	67	1.823	1.835	(0.392)	226354	20.6530	21
46	Ethyl Ether	59	1.982	1.976	(0.427)	57319	17.0753	17
119	Isoprene	67	1.970	1.964	(0.424)	134340	19.7689	20
47	Acrolein	56	2.346	2.347	(0.505)	114578	229.364	230
10	1,1-Dichloroethene	96	2.111	2.111	(0.454)	70454	22.3094	22
48	Freon TF	101	2.164	2.170	(0.466)	100231	20.0909	20
7	Acetone	43	2.558	2.552	(0.551)	27286	32.6195	33

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21918.d
Report Date: 25-Jun-2012 17:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
142	Iodomethane	142	2.205	2.200	(0.475)	131471	18.5924	18
8	Carbon Disulfide	76	2.129	2.123	(0.458)	213616	14.9282	15
50	Acetonitrile	41	2.905	2.899	(0.625)	148202	295.981	300
125	Methyl acetate	74	2.652	2.652	(0.571)	11015	20.1791	20
6	Methylene Chloride	84	2.517	2.511	(0.542)	78633	21.7911	22
51	TBA	59	2.835	2.835	(0.610)	144984	397.980	400
52	Acrylonitrile	53	3.135	3.129	(0.675)	169376	148.141	150
12	trans-1,2-Dichloroethene	96	2.629	2.623	(0.566)	74208	20.3664	20
53	MTBE	73	2.723	2.723	(0.586)	180543	17.2322	17
54	Hexane	56	2.688	2.676	(0.578)	71171	15.5434	16
11	1,1-Dichloroethane	63	3.088	3.082	(0.665)	141897	18.8056	19
57	Vinyl Acetate	43	3.299	3.294	(0.710)	129164	19.6898	20
55	DIPE	45	3.017	3.005	(0.649)	259872	16.5000	16
149	tert-Butyl ethyl ether	59	3.293	3.299	(0.709)	296690	21.4624	21
104	2,2-Dichloropropane	77	3.611	3.605	(0.777)	125594	18.6013	19
13	cis-1,2-Dichloroethene	96	3.517	3.511	(0.757)	80286	18.8070	19
18	2-Butanone	43	4.029	4.023	(0.867)	26749	19.3160	19
56	Ethyl Acetate	70	3.876	3.864	(0.834)	11908	37.0654	37
108	Bromochloromethane	128	3.676	3.670	(0.791)	33587	18.8689	19
15	Chloroform	83	3.752	3.746	(0.808)	139817	18.2357	18
20	1,1,1-Trichloroethane	97	3.917	3.917	(0.843)	139671	19.4603	19
59	Cyclohexane	56	3.676	3.670	(0.791)	167043	16.5278	16
21	Carbon Tetrachloride	117	3.864	3.852	(0.832)	126517	19.7368	20
92	1,1-Dichloropropene	75	4.023	4.017	(0.866)	106129	18.1863	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.376	4.376	(0.942)	161290	44.8436	45
28	Benzene	78	4.246	4.241	(0.914)	295363	19.4450	19
17	1,2-Dichloroethane	62	4.440	4.435	(0.956)	85034	18.3252	18
61	Isopropyl Acetate	43	4.735	4.735	(1.019)	215227	36.2726	36
140	tert-Amylmethyl Ether	73	4.382	4.382	(0.943)	169845	16.3407	16
* 69	Fluorobenzene	96	4.646	4.641	(1.000)	648498	50.0000	
62	n-Heptane	57	4.240	4.235	(0.528)	71493	15.1173	15
25	Trichloroethene	95	4.811	4.811	(1.035)	81489	20.0515	20
63	n-Butanol	43	5.246	5.240	(1.129)	85188	1684.95	1700
96	Ethyl Acrylate	55	5.429	5.423	(1.168)	60105	17.2566	17
126	Methyl cyclohexane	83	4.799	4.793	(1.033)	160126	16.7512	17
23	1,2-Dichloropropane	63	5.346	5.340	(1.151)	74932	18.9630	19
109	Dibromomethane	93	5.235	5.235	(1.127)	35731	18.9378	19
95	1,4-Dioxane	88	5.687	5.664	(1.224)	5454	159.076	160
146	Methyl methacrylate	69	5.652	5.646	(1.216)	31508	17.8248	18
64	Propyl Acetate	43	5.829	5.823	(1.254)	144695	36.1127	36
22	Bromodichloromethane	83	5.434	5.435	(1.170)	83344	18.3228	18
30	2-Chloroethyl Vinyl Ether	63	6.117	6.111	(1.316)	28343	16.7881	17
118	Epichlorohydrin	57	6.464	6.458	(1.391)	96288	340.637	340
24	cis-1,3-Dichloropropene	75	6.152	6.152	(1.324)	83107	15.2311	15(R)
33	4-Methyl-2-Pentanone	43	6.934	6.929	(1.492)	56829	18.3932	18
$ 37	Toluene-d8 (SUR)	98	6.370	6.364	(0.793)	519850	42.6958	43
38	Toluene	91	6.429	6.423	(0.801)	314269	19.4050	19

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21918.d
Report Date: 25-Jun-2012 17:07

	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	6.952	6.952	(0.866)	67595	14.3604	14
27	1,1,2-Trichloroethane	83	7.123	7.117	(0.887)	41774	17.1915	17
35	Tetrachloroethene	166	6.881	6.876	(0.857)	81427	19.4455	19
103	1,3-Dichloropropane	76	7.399	7.399	(0.922)	82344	17.3160	17
34	2-Hexanone	43	7.817	7.817	(0.974)	39665	19.2290	19
26	Dibromochloromethane	129	7.299	7.293	(0.909)	48744	14.7267	15
65	Butyl Acetate	43	7.758	7.758	(0.966)	155161	33.5035	34
66	1,2-Dibromoethane	107	7.511	7.511	(0.936)	44572	18.0925	18
* 32	Chlorobenzene-d5	117	8.028	8.029	(1.000)	418092	50.0000	
39	Chlorobenzene	112	8.046	8.040	(1.002)	184226	17.8433	18
97	1,1,1,2-Tetrachloroethane	131	8.123	8.117	(1.012)	65742	17.2752	17
40	Ethylbenzene	106	8.099	8.093	(1.009)	112118	18.9949	19
43	m+p-Xylene	106	8.234	8.234	(1.026)	270528	38.1519	38
44	o-Xylene	106	8.611	8.611	(1.073)	127793	18.1552	18
42	Styrene	104	8.658	8.658	(1.078)	189661	18.0010	18
31	Bromoform	173	8.658	8.658	(1.078)	30349	15.3603	15
110	Isopropylbenzene	105	8.887	8.887	(1.107)	394709	18.4338	18
$ 41	Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	174180	43.1155	43
107	Bromobenzene	156	9.175	9.176	(0.919)	76538	16.8718	17
36	1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	67793	17.1899	17
99	1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	19618	17.8600	18
143	trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.030)	17612	20.4934	20
112	n-Propylbenzene	91	9.228	9.228	(0.925)	472459	17.4813	17
105	2-Chlorotoluene	91	9.334	9.334	(0.935)	263028	17.1969	17
106	4-Chlorotoluene	91	9.470	9.470	(0.949)	249775	17.0418	17
102	1,3,5-Trimethylbenzene	105	9.399	9.399	(0.942)	311445	16.8779	17
148	Butyl methacrylate	69	9.658	9.658	(0.968)	92681	13.7572	14(R)
115	tert-Butylbenzene	119	9.640	9.640	(0.966)	248653	13.9270	14(R)
100	1,2,4-Trimethylbenzene	105	9.699	9.693	(0.972)	312891	17.1021	17
114	sec-Butylbenzene	105	9.775	9.775	(0.979)	444806	17.1800	17
67	1,3-Dichlorobenzene	146	9.922	9.923	(0.994)	160405	17.3362	17
* 91	1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	219038	50.0000	
68	1,4-Dichlorobenzene	146	9.993	9.993	(1.001)	157604	17.3202	17
113	p-Isopropyltoluene	119	9.893	9.893	(0.991)	353869	17.3871	17
69	1,2-Dichlorobenzene	146	10.305	10.305	(1.032)	145978	16.7615	17
117	Benzyl chloride	126	10.193	10.193	(1.021)	13552	11.1752	11(R)
111	n-Butylbenzene	92	10.211	10.211	(1.023)	210236	17.2484	17
101	1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	11127	15.1793	15
93	1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	115154	16.6158	17
94	Hexachlorobutadiene	225	11.369	11.369	(1.139)	74032	16.0248	16
70	Naphthalene	128	11.634	11.634	(1.166)	216298	16.5392	16
98	1,2,3-Trichlorobenzene	180	11.781	11.781	(1.180)	107677	16.6567	17
M 45	Xylene (Total)	100				398321	56.3116	56

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21918.d
Report Date: 25-Jun-2012 17:07

QC Flag Legend

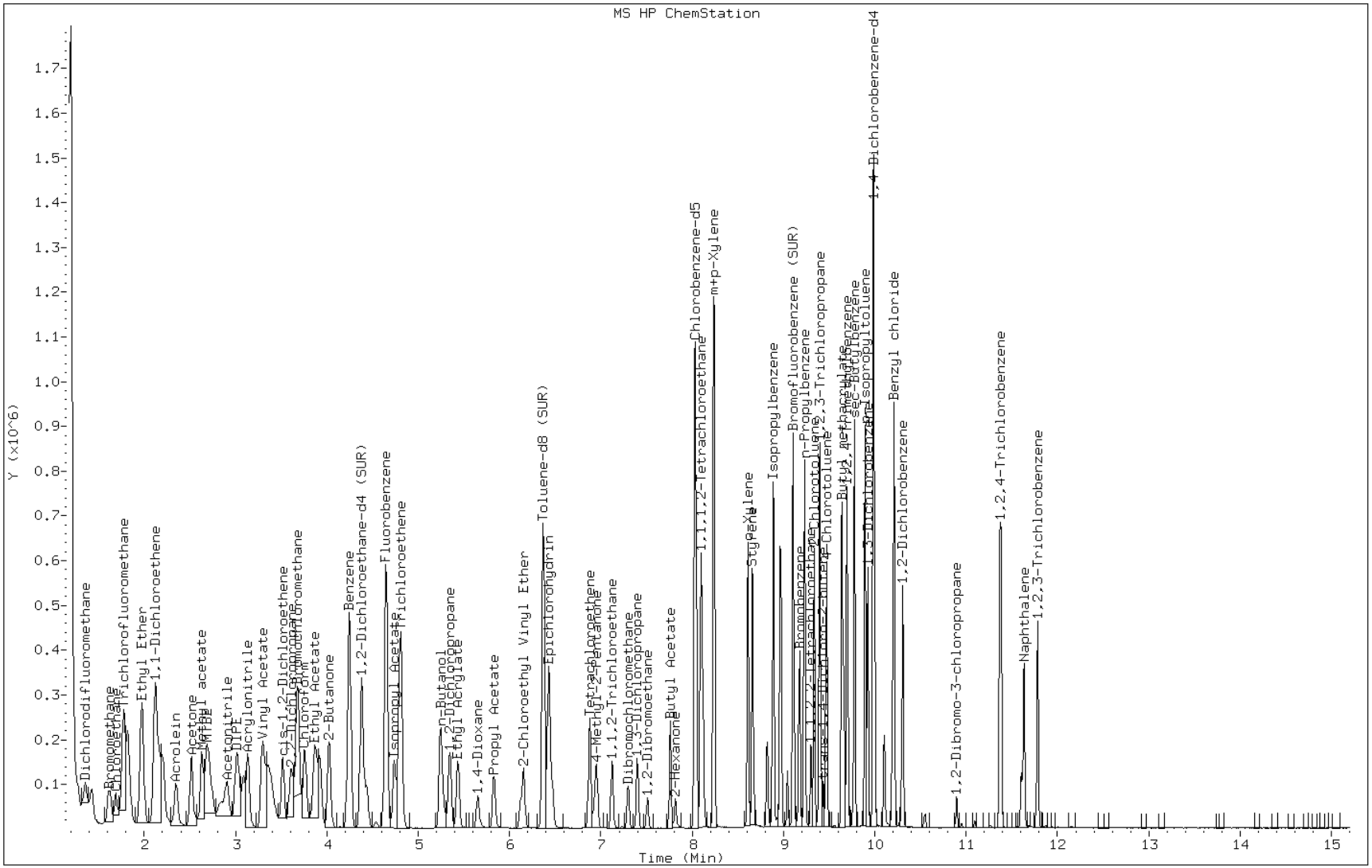
R - Spike/Surrogate failed recovery limits.

Data File: d21918.d

Date: 25-JUN-2012 17:07

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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
74-87-3	Chloromethane	27.2		1.0	0.16
74-83-9	Bromomethane	23.7		1.0	0.43
75-01-4	Vinyl chloride	22.9		1.0	0.34
75-00-3	Chloroethane	22.2		1.0	0.33
75-09-2	Methylene Chloride	25.4		1.0	0.15
67-64-1	Acetone	24.1		10	1.7
1330-20-7	Xylenes, Total	58.7		3.0	0.67
75-15-0	Carbon disulfide	20.7		1.0	0.15
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
75-35-4	1,1-Dichloroethene	21.6		1.0	0.19
75-34-3	1,1-Dichloroethane	20.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.11
67-66-3	Chloroform	21.8		1.0	0.24
78-93-3	2-Butanone	16.9		10	0.63
107-06-2	1,2-Dichloroethane	20.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.13
56-23-5	Carbon tetrachloride	21.7		1.0	0.15
71-43-2	Benzene	20.3		1.0	0.15
75-25-2	Bromoform	17.4		1.0	0.17
100-42-5	Styrene	19.7		1.0	0.28
100-41-4	Ethylbenzene	20.4		1.0	0.17
108-90-7	Chlorobenzene	19.4		1.0	0.18
110-82-7	Cyclohexane	21.3		1.0	0.13
98-82-8	Isopropylbenzene	20.2		1.0	0.11
591-78-6	2-Hexanone	16.9		10	0.13
1634-04-4	MTBE	19.1		1.0	0.11
76-13-1	Freon TF	21.9		1.0	0.11
79-20-9	Methyl acetate	20.0		1.0	0.32
123-91-1	1,4-Dioxane	157		50	13
79-01-6	Trichloroethene	20.6		1.0	0.12
108-88-3	Toluene	18.8		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	14.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.7		10	0.20
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.16
78-87-5	1,2-Dichloropropane	19.7		1.0	0.15
108-87-2	Methylcyclohexane	20.9		1.0	0.10
127-18-4	Tetrachloroethene	21.0		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	16.7		1.0	0.44
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
124-48-1	Dibromochloromethane	16.5		1.0	0.10
106-93-4	1,2-Dibromoethane	18.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	24.4		1.0	0.22
74-97-5	Bromochloromethane	24.4		1.0	0.11
75-27-4	Bromodichloromethane	21.3		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	100		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

		QUANT SIG					CONCENTRATIONS 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

	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)	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

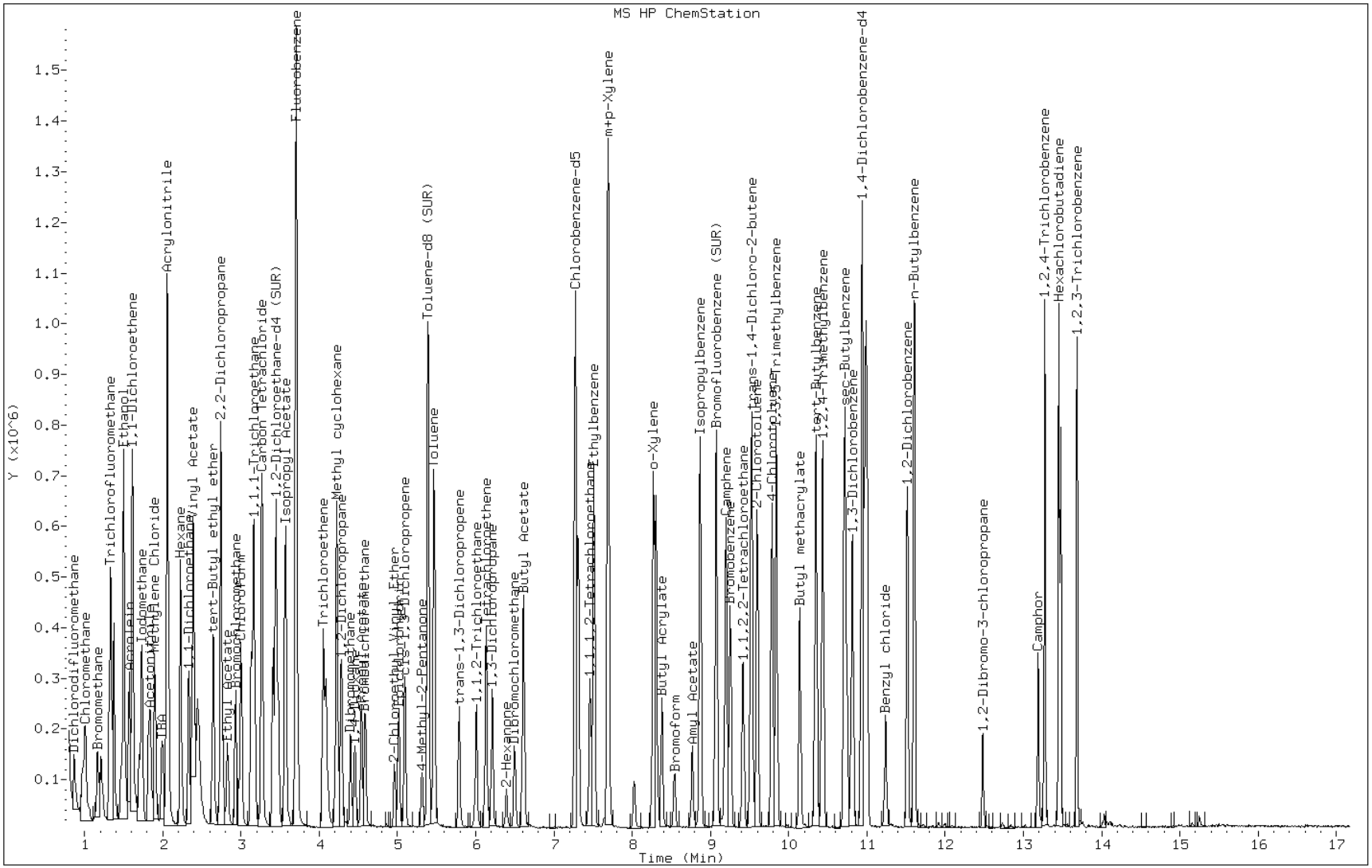
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

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.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-117463/4

Matrix: Solid Lab File ID: d21920.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2012 17:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 117463 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.6		1.0	0.16
74-83-9	Bromomethane	19.4		1.0	0.43
75-01-4	Vinyl chloride	17.9		1.0	0.34
75-00-3	Chloroethane	18.1		1.0	0.33
75-09-2	Methylene Chloride	22.1		1.0	0.15
67-64-1	Acetone	24.9		10	1.7
1330-20-7	Xylenes, Total	56.1		3.0	0.67
75-15-0	Carbon disulfide	15.1		1.0	0.15
75-69-4	Trichlorofluoromethane	15.7		1.0	0.16
75-35-4	1,1-Dichloroethene	21.6		1.0	0.19
75-34-3	1,1-Dichloroethane	19.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.11
67-66-3	Chloroform	18.3		1.0	0.24
78-93-3	2-Butanone	18.3		10	0.63
107-06-2	1,2-Dichloroethane	18.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.13
56-23-5	Carbon tetrachloride	20.3		1.0	0.15
71-43-2	Benzene	19.3		1.0	0.15
75-25-2	Bromoform	13.6		1.0	0.17
100-42-5	Styrene	17.7		1.0	0.28
100-41-4	Ethylbenzene	18.4		1.0	0.17
108-90-7	Chlorobenzene	18.1		1.0	0.18
110-82-7	Cyclohexane	17.1		1.0	0.13
98-82-8	Isopropylbenzene	18.7		1.0	0.11
591-78-6	2-Hexanone	17.0		10	0.13
1634-04-4	MTBE	17.2		1.0	0.11
76-13-1	Freon TF	20.6		1.0	0.11
79-20-9	Methyl acetate	17.5		1.0	0.32
123-91-1	1,4-Dioxane	124		50	13
79-01-6	Trichloroethene	19.2		1.0	0.12
108-88-3	Toluene	19.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	14.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	15.7		10	0.20
10061-01-5	cis-1,3-Dichloropropene	15.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	17.5		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-117463/4

Matrix: Solid | Lab File ID: d21920.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/25/2012 17:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 117463 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.16
106-46-7	1,4-Dichlorobenzene	17.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	17.2		1.0	0.16
78-87-5	1,2-Dichloropropane	18.7		1.0	0.15
108-87-2	Methylcyclohexane	16.9		1.0	0.10
127-18-4	Tetrachloroethene	18.8		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	13.4		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	16.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	16.8		1.0	0.14
124-48-1	Dibromochloromethane	14.4		1.0	0.10
106-93-4	1,2-Dibromoethane	17.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	15.9		1.0	0.22
74-97-5	Bromochloromethane	17.8		1.0	0.11
75-27-4	Bromodichloromethane	18.1		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	88		70-130

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21920.d
Report Date: 25-Jun-2012 17:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21920.d
Lab Smp Id: LCSD
Inj Date : 25-JUN-2012 17:54
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/8260L_10.m
Meth Date : 25-Jun-2012 16:34 delpolit Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 4 QC Sample: LCSD
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				156312	39.7962	40
90 Dichlorodifluoromethane	85	1.258	1.258	(0.271)	104000	15.8560	16
1 Chloromethane	50	1.341	1.352	(0.289)	131474	16.5951	16
4 Vinyl Chloride	62	1.417	1.429	(0.305)	134923	17.9031	18
3 Bromomethane	94	1.594	1.617	(0.343)	72817	19.3530	19
5 Chloroethane	64	1.670	1.676	(0.360)	64228	18.0847	18
9 Trichlorofluoromethane	101	1.764	1.782	(0.380)	148590	15.7474	16
161 Dichlorofluoromethane	67	1.811	1.835	(0.390)	231922	21.2453	21
46 Ethyl Ether	59	1.970	1.976	(0.425)	57249	17.1224	17
119 Isoprene	67	1.958	1.964	(0.422)	136675	20.1927	20
47 Acrolein	56	2.335	2.347	(0.503)	101185	203.361	200
10 1,1-Dichloroethene	96	2.099	2.111	(0.452)	67887	21.5821	22
48 Freon TF	101	2.147	2.170	(0.463)	102473	20.6220	21
7 Acetone	43	2.552	2.552	(0.550)	20773	24.9321	25

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21920.d
Report Date: 25-Jun-2012 17:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
142	Iodomethane	142	2.194	2.200	(0.473)	128269	18.2118	18
8	Carbon Disulfide	76	2.111	2.123	(0.455)	214538	15.0524	15
50	Acetonitrile	41	2.899	2.899	(0.625)	169596	340.058	340
125	Methyl acetate	74	2.641	2.652	(0.569)	9506	17.4842	17
6	Methylene Chloride	84	2.505	2.511	(0.540)	79491	22.1168	22
51	TBA	59	2.817	2.835	(0.607)	118200	325.752	320
52	Acrylonitrile	53	3.123	3.129	(0.673)	141420	124.183	120
12	trans-1,2-Dichloroethene	96	2.617	2.623	(0.564)	75178	20.7148	21
53	MTBE	73	2.717	2.723	(0.586)	179617	17.2122	17
54	Hexane	56	2.670	2.676	(0.575)	71534	15.6848	16
11	1,1-Dichloroethane	63	3.076	3.082	(0.663)	142708	18.9885	19
57	Vinyl Acetate	43	3.288	3.294	(0.708)	135366	20.7175	21
55	DIPE	45	3.005	3.005	(0.648)	267423	17.0471	17
149	tert-Butyl ethyl ether	59	3.288	3.299	(0.708)	271911	19.7483	20
104	2,2-Dichloropropane	77	3.605	3.605	(0.777)	131418	19.5414	20
13	cis-1,2-Dichloroethene	96	3.511	3.511	(0.757)	81134	19.0814	19
18	2-Butanone	43	4.029	4.023	(0.868)	25259	18.3125	18
56	Ethyl Acetate	70	3.864	3.864	(0.833)	10341	32.3165	32
108	Bromochloromethane	128	3.670	3.670	(0.791)	31567	17.8046	18
15	Chloroform	83	3.741	3.746	(0.806)	139763	18.3015	18
20	1,1,1-Trichloroethane	97	3.911	3.917	(0.843)	140743	19.6879	20
59	Cyclohexane	56	3.664	3.670	(0.790)	172372	17.1230	17
21	Carbon Tetrachloride	117	3.852	3.852	(0.830)	129498	20.2823	20
92	1,1-Dichloropropene	75	4.011	4.017	(0.864)	104322	17.9479	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.370	4.376	(0.942)	158476	44.2367	44
28	Benzene	78	4.240	4.241	(0.914)	292498	19.3331	19
17	1,2-Dichloroethane	62	4.429	4.435	(0.954)	83161	17.9929	18
61	Isopropyl Acetate	43	4.729	4.735	(1.019)	192549	32.5800	32
140	tert-Amylmethyl Ether	73	4.382	4.382	(0.944)	172476	16.6600	17
* 69	Fluorobenzene	96	4.640	4.641	(1.000)	645924	50.0000	
62	n-Heptane	57	4.235	4.235	(0.527)	68505	14.6886	15
25	Trichloroethene	95	4.805	4.811	(1.035)	77656	19.1843	19
63	n-Butanol	43	5.240	5.240	(1.129)	51828	1029.21	1000
96	Ethyl Acrylate	55	5.423	5.423	(1.169)	53202	15.3356	15
126	Methyl cyclohexane	83	4.793	4.793	(1.033)	160891	16.8983	17
23	1,2-Dichloropropane	63	5.340	5.340	(1.151)	73582	18.6955	19
109	Dibromomethane	93	5.229	5.235	(1.127)	34368	18.2878	18
95	1,4-Dioxane	88	5.670	5.664	(1.222)	4223	123.673	120
146	Methyl methacrylate	69	5.646	5.646	(1.217)	28789	16.3512	16
64	Propyl Acetate	43	5.823	5.823	(1.255)	129246	32.3856	32
22	Bromodichloromethane	83	5.429	5.435	(1.170)	82141	18.1303	18
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	26364	15.6782	16
118	Epichlorohydrin	57	6.458	6.458	(1.392)	79370	281.907	280(R)
24	cis-1,3-Dichloropropene	75	6.146	6.152	(1.324)	82926	15.2586	15(R)
33	4-Methyl-2-Pentanone	43	6.929	6.929	(1.493)	48433	15.7382	16
$ 37	Toluene-d8 (SUR)	98	6.364	6.364	(0.793)	532038	44.3096	44
38	Toluene	91	6.423	6.423	(0.800)	308775	19.3331	19

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21920.d
Report Date: 25-Jun-2012 17:56

	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	6.952	6.952	(0.866)	65618	14.1358	14
	27 1,1,2-Trichloroethane	83	7.117	7.117	(0.886)	40324	16.8276	17
	35 Tetrachloroethene	166	6.876	6.876	(0.856)	77706	18.8170	19
	103 1,3-Dichloropropane	76	7.399	7.399	(0.922)	77397	16.5038	16
	34 2-Hexanone	43	7.817	7.817	(0.974)	34585	17.0019	17
	26 Dibromochloromethane	129	7.293	7.293	(0.908)	47002	14.3997	14
	65 Butyl Acetate	43	7.758	7.758	(0.966)	134197	29.3832	29
	66 1,2-Dibromoethane	107	7.511	7.511	(0.936)	41999	17.2872	17
*	32 Chlorobenzene-d5	117	8.028	8.029	(1.000)	412310	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.001)	184089	18.0800	18
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.117	(1.011)	65296	17.3985	17
	40 Ethylbenzene	106	8.093	8.093	(1.008)	107194	18.4154	18
	43 m+p-Xylene	106	8.234	8.234	(1.026)	264270	37.7920	38
	44 o-Xylene	106	8.611	8.611	(1.073)	127118	18.3127	18
	42 Styrene	104	8.658	8.658	(1.078)	183959	17.7047	18
	31 Bromoform	173	8.658	8.658	(1.078)	26501	13.6008	14
	110 Isopropylbenzene	105	8.887	8.887	(1.107)	393896	18.6538	19
$	41 Bromofluorobenzene (SUR)	174	9.105	9.105	(0.912)	172272	43.8934	44
	107 Bromobenzene	156	9.175	9.176	(0.919)	73198	16.6087	17
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	63963	16.6942	17
	99 1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	16826	15.7678	16(R)
	143 trans-1,4-Dichloro-2-butene	53	9.440	9.434	(2.034)	14957	17.4740	17
	112 n-Propylbenzene	91	9.228	9.228	(0.925)	477777	18.1963	18
	105 2-Chlorotoluene	91	9.334	9.334	(0.935)	257211	17.3097	17
	106 4-Chlorotoluene	91	9.470	9.470	(0.949)	255594	17.9500	18
	102 1,3,5-Trimethylbenzene	105	9.399	9.399	(0.942)	316519	17.6557	18
	148 Butyl methacrylate	69	9.658	9.658	(0.968)	94239	14.3985	14(R)
	115 tert-Butylbenzene	119	9.634	9.640	(0.965)	252213	14.5405	14(R)
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	314120	17.6727	18
	114 sec-Butylbenzene	105	9.775	9.775	(0.979)	453769	18.0400	18
	67 1,3-Dichlorobenzene	146	9.922	9.923	(0.994)	159218	17.7124	18
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	212799	50.0000	
	68 1,4-Dichlorobenzene	146	9.993	9.993	(1.001)	156434	17.6957	18
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	360405	18.2274	18
	69 1,2-Dichlorobenzene	146	10.305	10.305	(1.032)	147770	17.4647	17
	117 Benzyl chloride	126	10.193	10.193	(1.021)	12716	10.7930	11(R)
	111 n-Butylbenzene	92	10.211	10.211	(1.023)	213258	18.0093	18
	101 1,2-Dibromo-3-chloropropane	75	10.899	10.893	(1.092)	9511	13.3540	13(R)
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	116138	17.2490	17
	94 Hexachlorobutadiene	225	11.369	11.369	(1.139)	76870	17.1268	17
	70 Naphthalene	128	11.634	11.634	(1.166)	205737	16.1929	16
	98 1,2,3-Trichlorobenzene	180	11.781	11.781	(1.180)	108203	17.2289	17
M	45 Xylene (Total)	100				391388	56.1076	56

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b/d21920.d
Report Date: 25-Jun-2012 17:56

QC Flag Legend

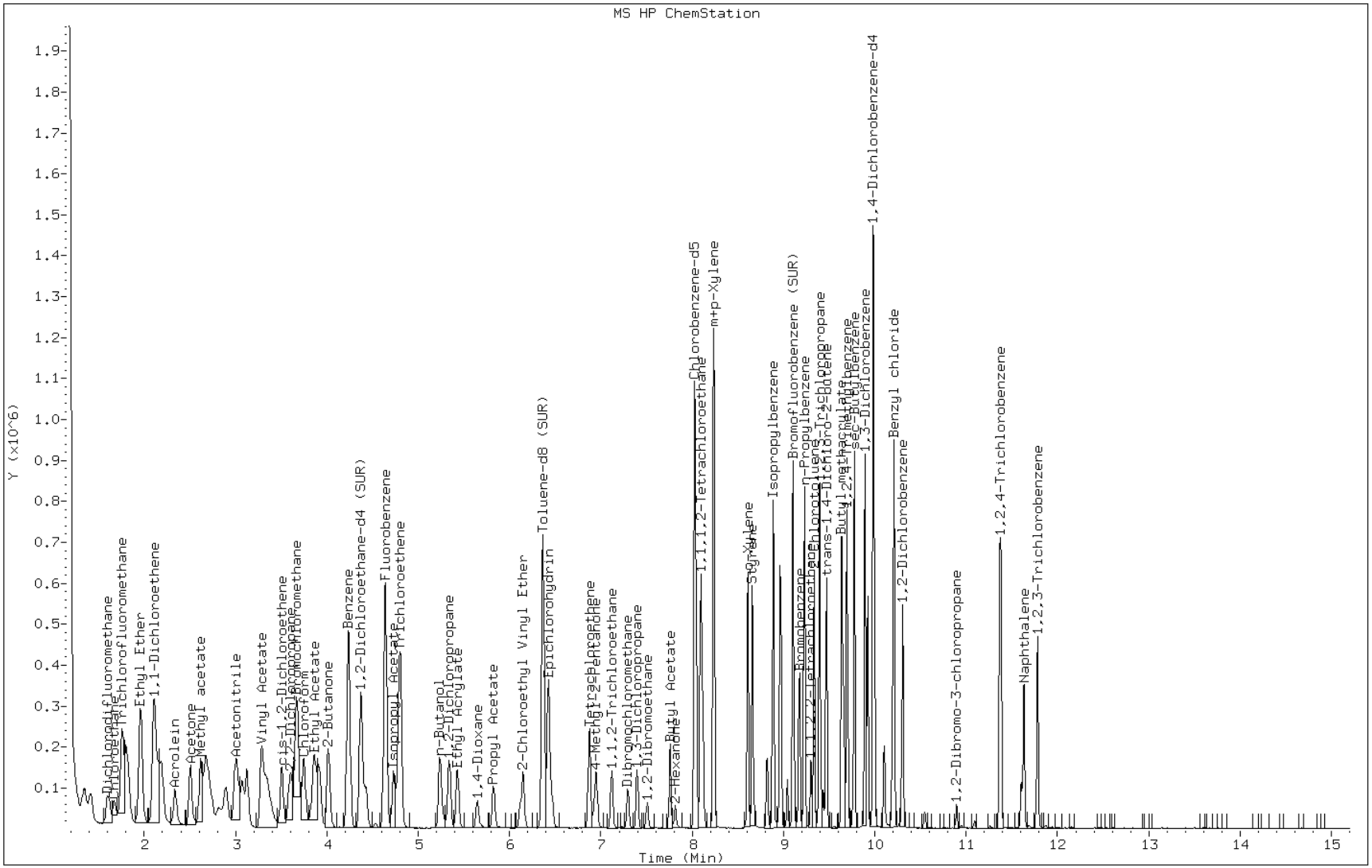
R - Spike/Surrogate failed recovery limits.

Data File: d21920.d

Date: 25-JUN-2012 17:54

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: d21900.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 4.65(g) | Date Analyzed: 06/25/2012 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	24.3		1.3	0.20
74-83-9	Bromomethane	28.8		1.3	0.54
75-01-4	Vinyl chloride	26.1		1.3	0.43
75-00-3	Chloroethane	28.3		1.3	0.41
75-09-2	Methylene Chloride	29.0		1.3	0.19
67-64-1	Acetone	33.5		13	2.1
1330-20-7	Xylenes, Total	76.0		3.8	0.84
75-15-0	Carbon disulfide	20.5		1.3	0.19
75-69-4	Trichlorofluoromethane	24.2		1.3	0.20
75-35-4	1,1-Dichloroethene	29.7		1.3	0.24
75-34-3	1,1-Dichloroethane	25.4		1.3	0.14
156-60-5	trans-1,2-Dichloroethene	27.2		1.3	0.16
156-59-2	cis-1,2-Dichloroethene	25.8		1.3	0.14
67-66-3	Chloroform	24.2		1.3	0.30
78-93-3	2-Butanone	20.6		13	0.79
107-06-2	1,2-Dichloroethane	22.0		1.3	0.23
71-55-6	1,1,1-Trichloroethane	25.4		1.3	0.16
56-23-5	Carbon tetrachloride	26.4		1.3	0.19
71-43-2	Benzene	25.5		1.3	0.19
75-25-2	Bromoform	18.0		1.3	0.21
100-42-5	Styrene	24.1		1.3	0.35
100-41-4	Ethylbenzene	24.8		1.3	0.21
108-90-7	Chlorobenzene	24.3		1.3	0.23
110-82-7	Cyclohexane	21.5		1.3	0.16
98-82-8	Isopropylbenzene	24.9		1.3	0.14
591-78-6	2-Hexanone	21.2		13	0.16
1634-04-4	MTBE	21.7		1.3	0.14
76-13-1	Freon TF	25.9		1.3	0.14
79-20-9	Methyl acetate	21.0		1.3	0.40
123-91-1	1,4-Dioxane	158		63	16
79-01-6	Trichloroethene	24.8		1.3	0.15
108-88-3	Toluene	26.4		1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	18.4		1.3	0.13
108-10-1	4-Methyl-2-pentanone	18.7		13	0.25
10061-01-5	cis-1,3-Dichloropropene	19.5		1.3	0.18
95-50-1	1,2-Dichlorobenzene	22.5		1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: d21900.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 4.65(g) | Date Analyzed: 06/25/2012 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	23.0		1.3	0.20
106-46-7	1,4-Dichlorobenzene	23.3		1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	20.8		1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	20.5		1.3	0.20
78-87-5	1,2-Dichloropropane	23.3		1.3	0.19
108-87-2	Methylcyclohexane	20.9		1.3	0.13
127-18-4	Tetrachloroethene	26.2		1.3	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.3	0.55
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.3	0.11
79-00-5	1,1,2-Trichloroethane	21.9		1.3	0.18
124-48-1	Dibromochloromethane	19.5		1.3	0.13
106-93-4	1,2-Dibromoethane	22.2		1.3	0.19
75-71-8	Dichlorodifluoromethane	21.2		1.3	0.28
74-97-5	Bromochloromethane	24.8		1.3	0.14
75-27-4	Bromodichloromethane	23.6		1.3	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21900.d
Report Date: 25-Jun-2012 12:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21900.d
Lab Smp Id: 460-41492-B-8-B MS Client Smp ID: SF-8
Inj Date : 25-JUN-2012 10:00
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-8-B MS;;;4.65;5
Misc Info : 460-41492-B-8-B MS
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 13 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	4.65000	Weight of sample extracted (g)
M	14.36364	% 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				198429	42.2161	53
90 Dichlorodifluoromethane	85	1.264	1.264	(0.272)	132545	16.9045	21
1 Chloromethane	50	1.358	1.347	(0.293)	183612	19.3874	24
4 Vinyl Chloride	62	1.429	1.411	(0.308)	187482	20.8104	26
3 Bromomethane	94	1.617	1.605	(0.348)	103129	22.9285	29
5 Chloroethane	64	1.682	1.676	(0.362)	95756	22.5541	28
9 Trichlorofluoromethane	101	1.782	1.776	(0.384)	217008	19.2387	24
161 Dichlorofluoromethane	67	1.829	1.811	(0.394)	260241	19.9423	25
46 Ethyl Ether	59	1.982	1.970	(0.427)	70382	17.6089	22
119 Isoprene	67	1.970	1.958	(0.425)	167750	20.7322	26
47 Acrolein	56	2.341	2.335	(0.504)	98754	166.028	210
10 1,1-Dichloroethene	96	2.105	2.099	(0.454)	88958	23.6574	30
48 Freon TF	101	2.164	2.141	(0.466)	122386	20.6031	26
7 Acetone	43	2.558	2.552	(0.551)	26598	26.7042	34

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21900.d
Report Date: 25-Jun-2012 12:11

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	2.199	2.194	(0.474)	163645	19.4362	24
8	Carbon Disulfide	76	2.123	2.111	(0.457)	277520	16.2882	20
50	Acetonitrile	41	2.899	2.894	(0.625)	173372	290.800	360
125	Methyl acetate	74	2.646	2.641	(0.570)	10866	16.7170	21
6	Methylene Chloride	84	2.511	2.505	(0.541)	99260	23.1023	29
51	TBA	59	2.829	2.811	(0.610)	125037	288.261	360
52	Acrylonitrile	53	3.129	3.123	(0.674)	160770	118.096	150
12	trans-1,2-Dichloroethene	96	2.623	2.611	(0.565)	94126	21.6959	27
53	MTBE	73	2.723	2.711	(0.587)	215204	17.2511	22
54	Hexane	56	2.682	2.676	(0.578)	79569	14.5945	18
11	1,1-Dichloroethane	63	3.082	3.076	(0.664)	181407	20.1917	25
57	Vinyl Acetate	43	3.293	3.282	(0.710)	152589	19.5357	24
55	DIPE	45	3.011	3.005	(0.649)	328489	17.5166	22
149	tert-Butyl ethyl ether	59	3.293	3.288	(0.710)	343802	20.8877	26
104	2,2-Dichloropropane	77	3.605	3.599	(0.777)	154060	19.1632	24
13	cis-1,2-Dichloroethene	96	3.511	3.499	(0.757)	104303	20.5201	26
18	2-Butanone	43	4.023	4.017	(0.867)	27034	16.3953	20
56	Ethyl Acetate	70	3.870	3.864	(0.834)	12471	32.5996	41
108	Bromochloromethane	128	3.676	3.664	(0.792)	41885	19.7620	25
15	Chloroform	83	3.752	3.740	(0.809)	176282	19.3098	24
20	1,1,1-Trichloroethane	97	3.911	3.911	(0.843)	172841	20.2253	25
59	Cyclohexane	56	3.670	3.664	(0.791)	206394	17.1510	22
21	Carbon Tetrachloride	117	3.858	3.846	(0.831)	160357	21.0097	26
92	1,1-Dichloropropene	75	4.017	4.011	(0.866)	131714	18.9559	24
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.370	4.364	(0.942)	187742	43.8388	55
28	Benzene	78	4.246	4.235	(0.915)	367430	20.3157	26
17	1,2-Dichloroethane	62	4.435	4.429	(0.956)	97025	17.5607	22
61	Isopropyl Acetate	43	4.729	4.723	(1.019)	215035	30.4366	38
140	tert-Amylmethyl Ether	73	4.382	4.376	(0.944)	221180	17.8718	22
* 69	Fluorobenzene	96	4.640	4.635	(1.000)	772152	50.0000	
62	n-Heptane	57	4.235	4.235	(0.527)	74108	14.0070	18
25	Trichloroethene	95	4.811	4.799	(1.037)	95578	19.7518	25
63	n-Butanol	43	5.246	5.235	(1.131)	59365	986.147	1200
96	Ethyl Acrylate	55	5.423	5.417	(1.169)	64015	15.4357	19
126	Methyl cyclohexane	83	4.793	4.787	(1.033)	189262	16.6284	21
23	1,2-Dichloropropane	63	5.340	5.335	(1.151)	87184	18.5301	23
109	Dibromomethane	93	5.229	5.223	(1.127)	41081	18.2862	23
95	1,4-Dioxane	88	5.664	5.646	(1.221)	5145	126.017	160
146	Methyl methacrylate	69	5.646	5.646	(1.217)	32877	15.6204	20
64	Propyl Acetate	43	5.823	5.817	(1.255)	140161	29.3791	37
22	Bromodichloromethane	83	5.429	5.423	(1.170)	101749	18.7866	24
30	2-Chloroethyl Vinyl Ether	63	6.111	6.111	(1.317)	29712	14.7804	18(R)
118	Epichlorohydrin	57	6.458	6.458	(1.392)	84064	249.768	310(R)
24	cis-1,3-Dichloropropene	75	6.146	6.146	(1.324)	100849	15.5228	19(R)
33	4-Methyl-2-Pentanone	43	6.929	6.923	(1.493)	54650	14.8552	19
$ 37	Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	648146	47.5832	60
38	Toluene	91	6.423	6.417	(0.800)	380837	21.0196	26

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21900.d
Report Date: 25-Jun-2012 12:11

	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	6.952	6.946	(0.866)	77290	14.6772	18
	27 1,1,2-Trichloroethane	83	7.123	7.117	(0.887)	47347	17.4169	22
	35 Tetrachloroethene	166	6.876	6.870	(0.856)	97838	20.8848	26
	103 1,3-Dichloropropane	76	7.399	7.387	(0.922)	93698	17.6122	22
	34 2-Hexanone	43	7.817	7.811	(0.974)	38923	16.8667	21
	26 Dibromochloromethane	129	7.293	7.293	(0.908)	57424	15.5079	19
	65 Butyl Acetate	43	7.758	7.752	(0.966)	149507	28.8564	36
	66 1,2-Dibromoethane	107	7.505	7.505	(0.935)	48648	17.6509	22
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	467734	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.001)	223085	19.3137	24
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.011)	80584	18.9277	24
	40 Ethylbenzene	106	8.093	8.093	(1.008)	130214	19.7193	25
	43 m+p-Xylene	106	8.234	8.228	(1.026)	321426	40.5190	51
	44 o-Xylene	106	8.611	8.605	(1.073)	157452	19.9948	25
	42 Styrene	104	8.658	8.658	(1.078)	226015	19.1747	24
	31 Bromoform	173	8.658	8.652	(1.078)	31614	14.3022	18
	110 Isopropylbenzene	105	8.887	8.881	(1.107)	474752	19.8188	25
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	211495	47.6749	60
	107 Bromobenzene	156	9.175	9.170	(0.919)	91315	18.3307	23
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	71448	16.4980	21
	99 1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	18749	15.5438	20(R)
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.033)	17505	17.1068	21
	112 n-Propylbenzene	91	9.228	9.228	(0.925)	564805	19.0311	24
	105 2-Chlorotoluene	91	9.334	9.328	(0.935)	308600	18.3738	23
	106 4-Chlorotoluene	91	9.470	9.464	(0.949)	294470	18.2962	23
	102 1,3,5-Trimethylbenzene	105	9.393	9.393	(0.941)	377852	18.6472	23
	148 Butyl methacrylate	69	9.658	9.652	(0.968)	111538	15.0770	19(R)
	115 tert-Butylbenzene	119	9.634	9.634	(0.965)	310291	15.8266	20(R)
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	377998	18.8149	24
	114 sec-Butylbenzene	105	9.775	9.770	(0.979)	528928	18.6039	23
	67 1,3-Dichlorobenzene	146	9.922	9.917	(0.994)	186070	18.3133	23
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	240527	50.0000	
	68 1,4-Dichlorobenzene	146	9.993	9.987	(1.001)	185282	18.5427	23
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	427069	19.1090	24
	69 1,2-Dichlorobenzene	146	10.305	10.299	(1.032)	171599	17.9430	22
	117 Benzyl chloride	126	10.187	10.187	(1.021)	14152	10.6268	13(R)
	111 n-Butylbenzene	92	10.205	10.205	(1.022)	242573	18.1234	23
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	11011	13.6779	17(R)
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	126168	16.5784	21
	94 Hexachlorobutadiene	225	11.369	11.364	(1.139)	79785	15.7269	20
	70 Naphthalene	128	11.628	11.628	(1.165)	214591	14.9427	19(R)
	98 1,2,3-Trichlorobenzene	180	11.781	11.775	(1.180)	116050	16.3480	20
M	45 Xylene (Total)	100				478878	60.5150	76

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21900.d
Report Date: 25-Jun-2012 12:11

QC Flag Legend

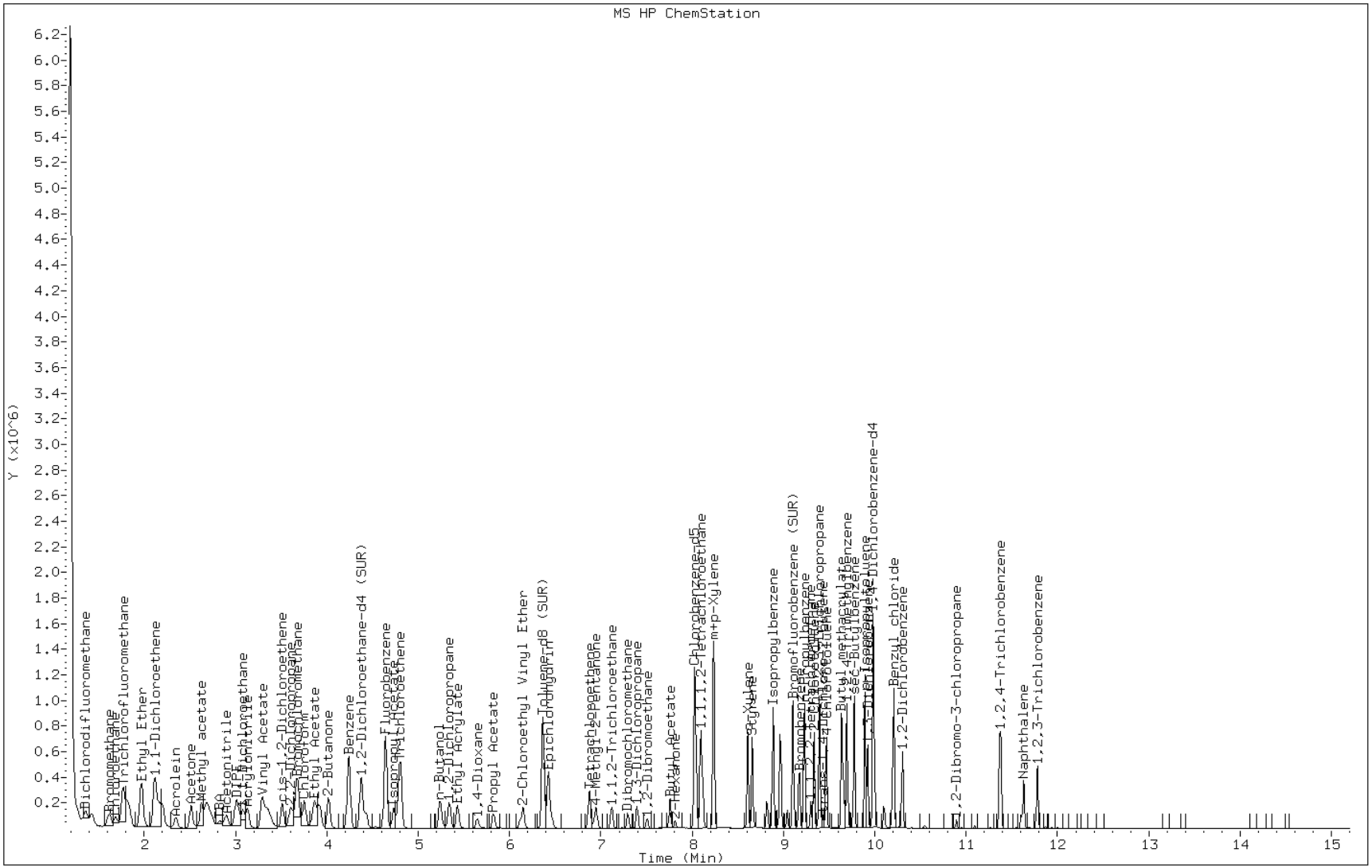
R - Spike/Surrogate failed recovery limits.

Data File: d21900.d

Date: 25-JUN-2012 10:00

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-B MS;;;4.65;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: o61610.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 4.29(g) | Date Analyzed: 06/27/2012 20:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	30.2		1.3	0.21
74-83-9	Bromomethane	25.3		1.3	0.58
75-01-4	Vinyl chloride	25.9		1.3	0.46
75-00-3	Chloroethane	26.4		1.3	0.44
75-09-2	Methylene Chloride	27.6		1.3	0.20
67-64-1	Acetone	25.2		13	2.3
1330-20-7	Xylenes, Total	61.5		4.0	0.90
75-15-0	Carbon disulfide	20.6		1.3	0.20
75-69-4	Trichlorofluoromethane	25.6		1.3	0.21
75-35-4	1,1-Dichloroethene	23.8		1.3	0.25
75-34-3	1,1-Dichloroethane	23.0		1.3	0.15
156-60-5	trans-1,2-Dichloroethene	23.8		1.3	0.17
156-59-2	cis-1,2-Dichloroethene	23.1		1.3	0.15
67-66-3	Chloroform	24.0		1.3	0.32
78-93-3	2-Butanone	18.0		13	0.84
107-06-2	1,2-Dichloroethane	22.9		1.3	0.24
71-55-6	1,1,1-Trichloroethane	23.7		1.3	0.17
56-23-5	Carbon tetrachloride	23.3		1.3	0.20
71-43-2	Benzene	22.5		1.3	0.20
75-25-2	Bromoform	18.3		1.3	0.23
100-42-5	Styrene	20.3		1.3	0.38
100-41-4	Ethylbenzene	21.0		1.3	0.23
108-90-7	Chlorobenzene	20.8		1.3	0.24
110-82-7	Cyclohexane	19.5		1.3	0.17
98-82-8	Isopropylbenzene	20.7		1.3	0.15
591-78-6	2-Hexanone	13.4		13	0.17
1634-04-4	MTBE	18.5		1.3	0.15
76-13-1	Freon TF	20.5		1.3	0.15
79-20-9	Methyl acetate	36.5		1.3	0.43
123-91-1	1,4-Dioxane	176		67	17
79-01-6	Trichloroethene	22.7		1.3	0.16
108-88-3	Toluene	20.3		1.3	0.19
10061-02-6	trans-1,3-Dichloropropene	15.6		1.3	0.13
108-10-1	4-Methyl-2-pentanone	17.0		13	0.27
10061-01-5	cis-1,3-Dichloropropene	21.5		1.3	0.19
95-50-1	1,2-Dichlorobenzene	20.4		1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: o61610.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 4.29(g) | Date Analyzed: 06/27/2012 20:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	19.4		1.3	0.21
106-46-7	1,4-Dichlorobenzene	19.9		1.3	0.15
120-82-1	1,2,4-Trichlorobenzene	18.9		1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	19.1		1.3	0.21
78-87-5	1,2-Dichloropropane	21.6		1.3	0.20
108-87-2	Methylcyclohexane	18.5		1.3	0.13
127-18-4	Tetrachloroethene	21.7		1.3	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.3	0.59
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.3	0.12
79-00-5	1,1,2-Trichloroethane	18.8		1.3	0.19
124-48-1	Dibromochloromethane	17.7		1.3	0.13
106-93-4	1,2-Dibromoethane	19.6		1.3	0.20
75-71-8	Dichlorodifluoromethane	26.5		1.3	0.29
74-97-5	Bromochloromethane	28.4		1.3	0.15
75-27-4	Bromodichloromethane	23.3		1.3	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61610.d
Report Date: 28-Jun-2012 14:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61610.d
Lab Smp Id: 460-41492-B-21-B MS Client Smp ID: F-6
Inj Date : 27-JUN-2012 20:53
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41492-B-21-B MS;;;4.29;5
Misc Info : 460-41492-B-21-B MS
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: 10 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	4.29000	Weight of sample extracted (g)
M	13.01115	% 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				228956	34.9676	47
90	Dichlorodifluoromethane	85	0.866	0.866	(0.233)	160587	19.8139	26
1	Chloromethane	50	0.973	0.980	(0.262)	180108	22.5211	30
4	Vinyl Chloride	62	1.009	1.009	(0.272)	170946	19.3445	26
3	Bromomethane	94	1.166	1.167	(0.314)	88655	18.8687	25
5	Chloroethane	64	1.217	1.217	(0.328)	97335	19.7169	26
9	Trichlorofluoromethane	101	1.338	1.338	(0.361)	237476	19.0699	26
127	Ethanol	46	1.460	1.460	(0.394)	72046	2116.46	2800
46	Ethyl Ether	59	1.496	1.496	(0.403)	71713	15.1578	20
119	Isoprene	67	1.503	1.496	(0.405)	130342	15.1211	20(R)
47	Acrolein	56	1.568	1.568	(0.423)	140280	176.051	240
10	1,1-Dichloroethene	96	1.611	1.611	(0.434)	92968	17.7715	24
48	Freon TF	101	1.618	1.611	(0.436)	95062	15.3021	20
7	Acetone	43	1.654	1.661	(0.446)	27450	18.7762	25

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61610.d
Report Date: 28-Jun-2012 14:44

							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	(0.459)	127667	17.3203	23
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	285318	15.3659	20
	50 Acetonitrile	41	1.818	1.826	(0.490)	236841	350.082	470
	125 Methyl acetate	74	1.840	1.840	(0.496)	24002	27.2075	36
	6 Methylene Chloride	84	1.897	1.897	(0.511)	110850	20.5657	28
	51 TBA	59	1.983	1.990	(0.535)	145271	242.958	320(R)
	52 Acrylonitrile	53	2.055	2.055	(0.554)	228812	109.895	150
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	109127	17.7314	24
	53 MTBE	73	2.062	2.062	(0.556)	207240	13.7880	18(R)
	54 Hexane	56	2.227	2.227	(0.600)	70449	12.6684	17(R)
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	212994	17.1564	23
	57 Vinyl Acetate	43	2.384	2.377	(0.643)	211587	11.1972	15
	55 DIPE	45	2.384	2.384	(0.643)	276406	13.8748	18(R)
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	227512	13.5911	18
	157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	235447	17.6377	24
	104 2,2-Dichloropropane	77	2.742	2.735	(0.739)	174754	16.2142	22
	13 cis-1,2-Dichloroethene	96	2.750	2.742	(0.741)	119829	17.2362	23
	18 2-Butanone	72	2.771	2.778	(0.747)	8140	13.4633	18(R)
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	9773	22.0025	29(R)
	108 Bromochloromethane	128	2.929	2.929	(0.790)	53060	21.1906	28
	15 Chloroform	83	3.000	3.000	(0.809)	203759	17.9245	24
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	173696	17.7003	24
	59 Cyclohexane	56	3.165	3.165	(0.853)	187993	14.5386	19(R)
	21 Carbon Tetrachloride	117	3.265	3.258	(0.880)	132008	17.3979	23
	92 1,1-Dichloropropene	75	3.272	3.265	(0.882)	155583	16.6258	22
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	219136	51.8230	69
	28 Benzene	78	3.444	3.444	(0.929)	403742	16.7670	22
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	134793	17.0938	23
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	249165	23.5005	31(R)
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	174340	13.5257	18(R)
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	854881	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	100182	16.9773	23
	63 n-Butanol	43	4.082	4.082	(1.100)	76204	874.775	1200(R)
	96 Ethyl Acrylate	85	4.211	4.218	(1.135)	2748	10.8658	14(RM)
	126 Methyl cyclohexane	83	4.225	4.218	(1.139)	154597	13.7871	18(R)
	23 1,2-Dichloropropane	63	4.282	4.282	(1.154)	97317	16.1069	22(R)
	109 Dibromomethane	93	4.404	4.397	(1.187)	54624	17.1787	23
	95 1,4-Dioxane	88	4.454	4.454	(1.201)	8875	131.659	180
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	43109	14.4434	19(R)
	64 Propyl Acetate	43	4.540	4.540	(1.224)	133687	20.8004	28(R)
	22 Bromodichloromethane	83	4.590	4.583	(1.238)	124165	17.3794	23
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	38005	13.9899	19(R)
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	138943	264.692	350(R)
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	133387	16.0479	22
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	55696	12.6891	17(R)
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	697384	48.0220	64
	38 Toluene	91	5.464	5.464	(0.752)	435861	15.1472	20

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61610.d
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	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)	105016	11.6396	16(R)
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	55946	14.0080	19(R)
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	107135	16.1673	22
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	124360	14.0128	19(R)
	34 2-Hexanone	43	6.388	6.388	(0.879)	36619	10.0014	13(aR)
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	73141	13.2268	18(R)
	65 Butyl Acetate	43	6.610	6.610	(0.909)	152330	17.7231	24(R)
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	66231	14.6480	20(R)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	659344	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	266215	15.5357	21(R)
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	75256	13.3897	18
	40 Ethylbenzene	106	7.513	7.513	(1.034)	148176	15.6814	21(R)
	43 m+p-Xylene	106	7.692	7.692	(1.058)	368429	30.4258	41(R)
	44 o-Xylene	106	8.272	8.272	(1.138)	177813	15.4761	21(R)
	42 Styrene	104	8.308	8.301	(1.143)	298144	15.1575	20(R)
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	101239	8.99511	12(R)
	31 Bromoform	173	8.544	8.537	(1.175)	41051	13.6306	18
	145 Amyl Acetate	43	8.766	8.767	(1.206)	49408	7.95125	11
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	493564	15.4184	21
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	259761	51.3819	69
	150 Camphene	41	9.203	9.196	(0.842)	46234	11.8784	16
	107 Bromobenzene	156	9.254	9.254	(0.846)	113347	15.2535	20(R)
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	87508	13.5060	18(R)
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	25982	13.8585	18(R)
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	23549	14.0444	19
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	610127	14.6110	20(R)
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	338615	14.3483	19(R)
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	341995	13.8331	18(R)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	392581	13.9789	19(R)
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	91064	9.33642	12(R)
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	363603	14.4068	19(R)
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	405262	14.2814	19(R)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	551899	14.1257	19(R)
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	220854	14.4760	19(R)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	371842	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	227976	14.8221	20(R)
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	453998	14.1759	19(R)
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	216121	15.2046	20(R)
	117 Benzyl chloride	91	11.238	11.238	(1.028)	100774	7.88723	10(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	444188	13.6424	18(R)
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	16244	12.0915	16(R)
	152 Camphor	95	13.186	13.186	(1.206)	42827	55.9436	75
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	161919	14.1129	19(R)
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	88236	12.6580	17(R)
	70 Naphthalene	128	13.480	13.480	(1.232)	340527	13.7003	18(R)
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	152019	14.2869	19(R)
M	45 Xylene (Total)	100				546243	45.8928	61(R)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61610.d
Report Date: 28-Jun-2012 14:44

QC Flag Legend

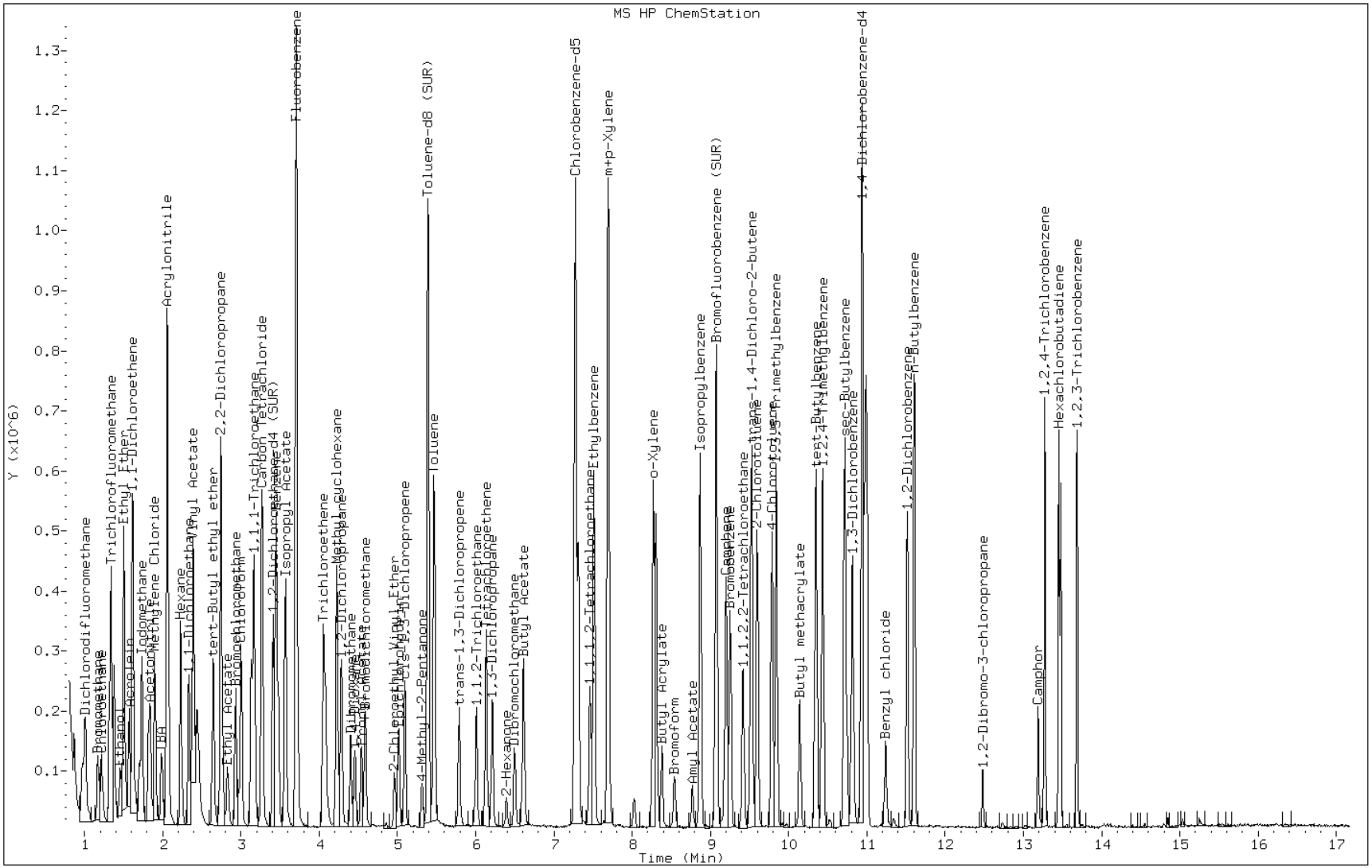
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: o61610.d

Date: 27-JUN-2012 20:53

Client ID: F-6 Instrument: VOAMS12.i

Sample Info: 460-41492-B-21-B MS;;;4.29;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: d21901.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 5.50(g) | Date Analyzed: 06/25/2012 10:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.8		1.1	0.17
74-83-9	Bromomethane	22.0		1.1	0.46
75-01-4	Vinyl chloride	19.7		1.1	0.36
75-00-3	Chloroethane	21.4		1.1	0.35
75-09-2	Methylene Chloride	24.2		1.1	0.16
67-64-1	Acetone	31.6		11	1.8
1330-20-7	Xylenes, Total	60.6		3.2	0.71
75-15-0	Carbon disulfide	16.0		1.1	0.16
75-69-4	Trichlorofluoromethane	18.5		1.1	0.17
75-35-4	1,1-Dichloroethene	23.4		1.1	0.20
75-34-3	1,1-Dichloroethane	20.4		1.1	0.12
156-60-5	trans-1,2-Dichloroethene	22.3		1.1	0.14
156-59-2	cis-1,2-Dichloroethene	20.2		1.1	0.12
67-66-3	Chloroform	19.7		1.1	0.25
78-93-3	2-Butanone	17.0		11	0.67
107-06-2	1,2-Dichloroethane	18.7		1.1	0.19
71-55-6	1,1,1-Trichloroethane	20.2		1.1	0.14
56-23-5	Carbon tetrachloride	20.6		1.1	0.16
71-43-2	Benzene	20.7		1.1	0.16
75-25-2	Bromoform	14.9		1.1	0.18
100-42-5	Styrene	19.4		1.1	0.30
100-41-4	Ethylbenzene	20.5		1.1	0.18
108-90-7	Chlorobenzene	19.4		1.1	0.19
110-82-7	Cyclohexane	16.8		1.1	0.14
98-82-8	Isopropylbenzene	20.0		1.1	0.12
591-78-6	2-Hexanone	17.2		11	0.14
1634-04-4	MTBE	18.6		1.1	0.12
76-13-1	Freon TF	20.6		1.1	0.12
79-20-9	Methyl acetate	17.6		1.1	0.34
123-91-1	1,4-Dioxane	139		53	13
79-01-6	Trichloroethene	20.2		1.1	0.13
108-88-3	Toluene	21.3		1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	15.2		1.1	0.11
108-10-1	4-Methyl-2-pentanone	16.1		11	0.21
10061-01-5	cis-1,3-Dichloropropene	16.0		1.1	0.15
95-50-1	1,2-Dichlorobenzene	18.3		1.1	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: d21901.d

Analysis Method: 8260B | Date Collected: 06/19/2012 09:35

Sample wt/vol: 5.50(g) | Date Analyzed: 06/25/2012 10:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 117294 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	18.7		1.1	0.17
106-46-7	1,4-Dichlorobenzene	18.7		1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	16.7		1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	16.9		1.1	0.17
78-87-5	1,2-Dichloropropane	19.4		1.1	0.16
108-87-2	Methylcyclohexane	17.2		1.1	0.11
127-18-4	Tetrachloroethene	20.8		1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	14.1		1.1	0.47
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.1	0.096
79-00-5	1,1,2-Trichloroethane	18.8		1.1	0.15
124-48-1	Dibromochloromethane	16.0		1.1	0.11
106-93-4	1,2-Dibromoethane	18.8		1.1	0.16
75-71-8	Dichlorodifluoromethane	16.1		1.1	0.23
74-97-5	Bromochloromethane	19.9		1.1	0.12
75-27-4	Bromodichloromethane	19.3		1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	90		70-130

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21901.d
Report Date: 25-Jun-2012 12:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21901.d
Lab Smp Id: 460-41492-B-8-C MSD Client Smp ID: SF-8
Inj Date : 25-JUN-2012 10:27
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-41492-B-8-C MSD;;;5.50;5
Misc Info : 460-41492-B-8-C MSD
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/8260L_10.m
Meth Date : 25-Jun-2012 12:09 maryb Quant Type: ISTD
Cal Date : 21-JUN-2012 23:28 Cal File: d21854.d
Als bottle: 14 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	5.50000	Weight of sample extracted (g)
M	14.36364	% 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				203215	40.0946	42
90	Dichlorodifluoromethane	85	1.270	1.264	(0.273)	128154	15.1313	16
1	Chloromethane	50	1.370	1.347	(0.295)	181382	17.7304	19
4	Vinyl Chloride	62	1.435	1.411	(0.309)	180925	18.5920	20
3	Bromomethane	94	1.629	1.605	(0.351)	100499	20.6854	22
5	Chloroethane	64	1.688	1.676	(0.363)	92443	20.1577	21
9	Trichlorofluoromethane	101	1.794	1.776	(0.386)	212848	17.4693	18
161	Dichlorofluoromethane	67	1.846	1.811	(0.397)	286572	20.3302	22
46	Ethyl Ether	59	1.988	1.970	(0.428)	77759	18.0106	19
119	Isoprene	67	1.976	1.958	(0.425)	169414	19.3838	20
47	Acrolein	56	2.352	2.335	(0.506)	101721	158.324	170
10	1,1-Dichloroethene	96	2.111	2.099	(0.454)	89425	22.0165	23
48	Freon TF	101	2.170	2.141	(0.467)	124413	19.3898	20
7	Acetone	43	2.564	2.552	(0.552)	31998	29.7413	32

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21901.d
Report Date: 25-Jun-2012 12:11

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	142 Iodomethane	142	2.211	2.194	(0.476)	171952	18.9071	20
	8 Carbon Disulfide	76	2.129	2.111	(0.458)	277571	15.0821	16
	50 Acetonitrile	41	2.905	2.894	(0.625)	194348	301.788	320
	125 Methyl acetate	74	2.652	2.641	(0.571)	11648	16.5901	18
	6 Methylene Chloride	84	2.517	2.505	(0.542)	105597	22.7531	24
	51 TBA	59	2.835	2.811	(0.610)	148679	317.325	340
	52 Acrylonitrile	53	3.135	3.123	(0.675)	165390	112.472	120
	12 trans-1,2-Dichloroethene	96	2.629	2.611	(0.566)	98609	21.0423	22
	53 MTBE	73	2.729	2.711	(0.587)	236457	17.5479	19
	54 Hexane	56	2.682	2.676	(0.577)	85435	14.5074	15
	11 1,1-Dichloroethane	63	3.088	3.076	(0.665)	186347	19.2021	20
	57 Vinyl Acetate	43	3.299	3.282	(0.710)	150356	17.8211	19
	55 DIPE	45	3.017	3.005	(0.649)	345441	17.0534	18
	149 tert-Butyl ethyl ether	59	3.299	3.288	(0.710)	371778	20.9109	22
	104 2,2-Dichloropropane	77	3.611	3.599	(0.777)	155822	17.9438	19
	13 cis-1,2-Dichloroethene	96	3.517	3.499	(0.757)	104606	19.0523	20
	18 2-Butanone	43	4.023	4.017	(0.866)	28464	15.9813	17
	56 Ethyl Acetate	70	3.870	3.864	(0.833)	13131	31.7773	34
	108 Bromochloromethane	128	3.676	3.664	(0.791)	42939	18.7556	20
	15 Chloroform	83	3.752	3.740	(0.808)	182825	18.5401	20
	20 1,1,1-Trichloroethane	97	3.917	3.911	(0.843)	175524	19.0149	20
	59 Cyclohexane	56	3.676	3.664	(0.791)	206106	15.8559	17(R)
	21 Carbon Tetrachloride	117	3.858	3.846	(0.830)	160006	19.4078	21
	92 1,1-Dichloropropene	75	4.023	4.011	(0.866)	134687	17.9451	19
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.376	4.364	(0.942)	188456	40.7394	43
	28 Benzene	78	4.246	4.235	(0.914)	380723	19.4883	21
	17 1,2-Dichloroethane	62	4.440	4.429	(0.956)	105077	17.6066	19
	61 Isopropyl Acetate	43	4.735	4.723	(1.019)	240667	31.5364	33
	140 tert-Amylmethyl Ether	73	4.388	4.376	(0.944)	235388	17.6082	19
*	69 Fluorobenzene	96	4.646	4.635	(1.000)	834056	50.0000	
	62 n-Heptane	57	4.240	4.235	(0.528)	75071	13.0611	14(R)
	25 Trichloroethene	95	4.811	4.799	(1.035)	99565	19.0486	20
	63 n-Butanol	43	5.240	5.235	(1.128)	70946	1091.06	1200
	96 Ethyl Acrylate	55	5.429	5.417	(1.168)	67658	15.1033	16
	126 Methyl cyclohexane	83	4.793	4.787	(1.032)	198989	16.1854	17
	23 1,2-Dichloropropane	63	5.346	5.335	(1.151)	92740	18.2480	19
	109 Dibromomethane	93	5.234	5.223	(1.127)	44230	18.2267	19
	95 1,4-Dioxane	88	5.670	5.646	(1.220)	5775	130.950	140
	146 Methyl methacrylate	69	5.646	5.646	(1.215)	36802	16.1875	17
	64 Propyl Acetate	43	5.823	5.817	(1.253)	159220	30.8970	33
	22 Bromodichloromethane	83	5.434	5.423	(1.170)	106333	18.1759	19
	30 2-Chloroethyl Vinyl Ether	63	6.117	6.111	(1.316)	33501	15.4283	16
	118 Epichlorohydrin	57	6.464	6.458	(1.391)	91812	252.542	270(R)
	24 cis-1,3-Dichloropropene	75	6.152	6.146	(1.324)	105747	15.0687	16(R)
	33 4-Methyl-2-Pentanone	43	6.929	6.923	(1.491)	60315	15.1782	16
$	37 Toluene-d8 (SUR)	98	6.364	6.358	(0.793)	672172	45.4242	48
	38 Toluene	91	6.423	6.417	(0.800)	395621	20.0997	21

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21901.d
Report Date: 25-Jun-2012 12:11

	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	6.952	6.946	(0.866)	82141	14.3585	15
	27 1,1,2-Trichloroethane	83	7.123	7.117	(0.887)	52316	17.7149	19
	35 Tetrachloroethene	166	6.876	6.870	(0.856)	99612	19.5731	21
	103 1,3-Dichloropropane	76	7.399	7.387	(0.922)	99185	17.1616	18
	34 2-Hexanone	43	7.817	7.811	(0.974)	40516	16.1613	17
	26 Dibromochloromethane	129	7.293	7.293	(0.908)	60479	15.0346	16
	65 Butyl Acetate	43	7.758	7.752	(0.966)	172426	30.6344	32
	66 1,2-Dibromoethane	107	7.511	7.505	(0.936)	53115	17.7396	19
*	32 Chlorobenzene-d5	117	8.028	8.023	(1.000)	508127	50.0000	
	39 Chlorobenzene	112	8.040	8.040	(1.001)	229158	18.2624	19
	97 1,1,1,2-Tetrachloroethane	131	8.117	8.111	(1.011)	84181	18.2007	19
	40 Ethylbenzene	106	8.093	8.093	(1.008)	138302	19.2792	20
	43 m+p-Xylene	106	8.234	8.228	(1.026)	328308	38.0965	40
	44 o-Xylene	106	8.611	8.605	(1.073)	162206	18.9610	20
	42 Styrene	104	8.658	8.658	(1.078)	234143	18.2851	19
	31 Bromoform	173	8.658	8.652	(1.078)	33700	14.0339	15
	110 Isopropylbenzene	105	8.887	8.881	(1.107)	491491	18.8865	20
$	41 Bromofluorobenzene (SUR)	174	9.105	9.099	(0.912)	215077	44.8941	48
	107 Bromobenzene	156	9.175	9.170	(0.919)	93148	17.3147	18
	36 1,1,2,2-Tetrachloroethane	83	9.299	9.299	(0.932)	80897	17.2974	18
	99 1,2,3-Trichloropropane	110	9.387	9.387	(0.940)	22435	17.2230	18
	143 trans-1,4-Dichloro-2-butene	53	9.434	9.434	(2.030)	15845	14.3353	15
	112 n-Propylbenzene	91	9.228	9.228	(0.925)	587843	18.3413	19
	105 2-Chlorotoluene	91	9.334	9.328	(0.935)	319702	17.6260	19
	106 4-Chlorotoluene	91	9.470	9.464	(0.949)	307289	17.6796	19
	102 1,3,5-Trimethylbenzene	105	9.399	9.393	(0.942)	391624	17.8964	19
	148 Butyl methacrylate	69	9.658	9.652	(0.968)	120660	15.1029	16(R)
	115 tert-Butylbenzene	119	9.634	9.634	(0.965)	320348	15.1302	16(R)
	100 1,2,4-Trimethylbenzene	105	9.693	9.693	(0.971)	390686	18.0072	19
	114 sec-Butylbenzene	105	9.775	9.770	(0.979)	543668	17.7070	19
	67 1,3-Dichlorobenzene	146	9.922	9.917	(0.994)	193447	17.6302	19
*	91 1,4-Dichlorobenzene-d4	152	9.981	9.981	(1.000)	259752	50.0000	
	68 1,4-Dichlorobenzene	146	9.993	9.987	(1.001)	190233	17.6291	19
	113 p-Isopropyltoluene	119	9.893	9.893	(0.991)	436765	18.0964	19
	69 1,2-Dichlorobenzene	146	10.305	10.299	(1.032)	177845	17.2197	18
	117 Benzyl chloride	126	10.187	10.187	(1.021)	15001	10.4306	11(R)
	111 n-Butylbenzene	92	10.205	10.205	(1.022)	244781	16.9348	18
	101 1,2-Dibromo-3-chloropropane	75	10.893	10.893	(1.091)	11548	13.2832	14(R)
	93 1,2,4-Trichlorobenzene	180	11.381	11.381	(1.140)	129292	15.7315	17(R)
	94 Hexachlorobutadiene	225	11.369	11.364	(1.139)	77215	14.0938	15(R)
	70 Naphthalene	128	11.628	11.628	(1.165)	238502	15.3785	16(R)
	98 1,2,3-Trichlorobenzene	180	11.781	11.775	(1.180)	121752	15.8819	17
M	45 Xylene (Total)	100				490514	57.0580	60

Data File: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b/d21901.d
Report Date: 25-Jun-2012 12:11

QC Flag Legend

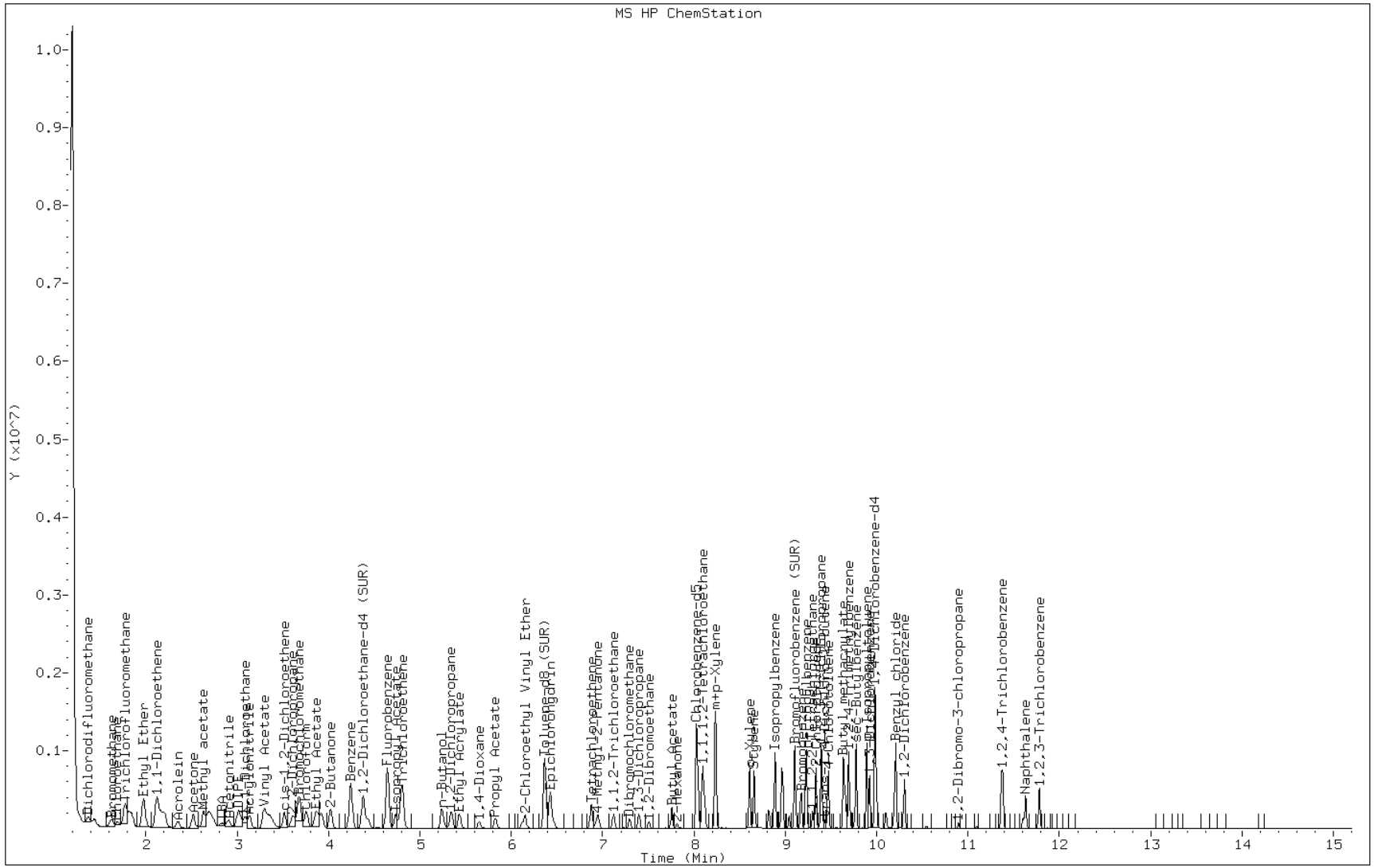
R - Spike/Surrogate failed recovery limits.

Data File: d21901.d

Date: 25-JUN-2012 10:27

Client ID: SF-8 Instrument: VOAMS4.i

Sample Info: 460-41492-B-8-C MSD;;;5.50;5 Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: o61611.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 4.29(g) | Date Analyzed: 06/27/2012 21:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26.2		1.3	0.21
74-83-9	Bromomethane	22.8		1.3	0.58
75-01-4	Vinyl chloride	22.7		1.3	0.46
75-00-3	Chloroethane	22.3		1.3	0.44
75-09-2	Methylene Chloride	26.8		1.3	0.20
67-64-1	Acetone	27.2		13	2.3
1330-20-7	Xylenes, Total	62.0		4.0	0.90
75-15-0	Carbon disulfide	24.6		1.3	0.20
75-69-4	Trichlorofluoromethane	22.2		1.3	0.21
75-35-4	1,1-Dichloroethene	22.2		1.3	0.25
75-34-3	1,1-Dichloroethane	22.5		1.3	0.15
156-60-5	trans-1,2-Dichloroethene	23.0		1.3	0.17
156-59-2	cis-1,2-Dichloroethene	22.6		1.3	0.15
67-66-3	Chloroform	23.0		1.3	0.32
78-93-3	2-Butanone	23.0		13	0.84
107-06-2	1,2-Dichloroethane	21.9		1.3	0.24
71-55-6	1,1,1-Trichloroethane	23.5		1.3	0.17
56-23-5	Carbon tetrachloride	23.3		1.3	0.20
71-43-2	Benzene	22.6		1.3	0.20
75-25-2	Bromoform	18.4		1.3	0.23
100-42-5	Styrene	20.5		1.3	0.38
100-41-4	Ethylbenzene	20.9		1.3	0.23
108-90-7	Chlorobenzene	20.8		1.3	0.24
110-82-7	Cyclohexane	24.6		1.3	0.17
98-82-8	Isopropylbenzene	20.8		1.3	0.15
591-78-6	2-Hexanone	17.9		13	0.17
1634-04-4	MTBE	23.3		1.3	0.15
76-13-1	Freon TF	26.1		1.3	0.15
79-20-9	Methyl acetate	40.0		1.3	0.43
123-91-1	1,4-Dioxane	169		67	17
79-01-6	Trichloroethene	22.2		1.3	0.16
108-88-3	Toluene	20.5		1.3	0.19
10061-02-6	trans-1,3-Dichloropropene	16.2		1.3	0.13
108-10-1	4-Methyl-2-pentanone	21.4		13	0.27
10061-01-5	cis-1,3-Dichloropropene	21.3		1.3	0.19
95-50-1	1,2-Dichlorobenzene	19.8		1.3	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: o61611.d

Analysis Method: 8260B | Date Collected: 06/19/2012 14:25

Sample wt/vol: 4.29(g) | Date Analyzed: 06/27/2012 21:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 117746 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	19.3		1.3	0.21
106-46-7	1,4-Dichlorobenzene	19.4		1.3	0.15
120-82-1	1,2,4-Trichlorobenzene	19.1		1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	18.7		1.3	0.21
78-87-5	1,2-Dichloropropane	20.5		1.3	0.20
108-87-2	Methylcyclohexane	23.9		1.3	0.13
127-18-4	Tetrachloroethene	22.6		1.3	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1.3	0.59
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.3	0.12
79-00-5	1,1,2-Trichloroethane	19.5		1.3	0.19
124-48-1	Dibromochloromethane	18.2		1.3	0.13
106-93-4	1,2-Dibromoethane	20.4		1.3	0.20
75-71-8	Dichlorodifluoromethane	23.7		1.3	0.29
74-97-5	Bromochloromethane	25.9		1.3	0.15
75-27-4	Bromodichloromethane	23.0		1.3	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61611.d
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TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61611.d
Lab Smp Id: 460-41492-B-21-CMSD
Inj Date : 27-JUN-2012 21:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-41492-B-21-C MSD;;;4.29;5
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: 11 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	4.29000	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)
M 14	1,2-Dichloroethene (total)	100				232802	34.0465	40
90	Dichlorodifluoromethane	85	0.866	0.866	(0.234)	149514	17.6718	20
1	Chloromethane	50	0.980	0.980	(0.265)	163411	19.5739	23
4	Vinyl Chloride	62	1.009	1.009	(0.273)	156158	16.9278	20
3	Bromomethane	94	1.167	1.167	(0.315)	83597	17.0438	20
5	Chloroethane	64	1.217	1.217	(0.329)	85697	16.6293	19
9	Trichlorofluoromethane	101	1.338	1.338	(0.362)	215833	16.6029	19
127	Ethanol	46	1.453	1.460	(0.392)	84591	2380.48	2800
46	Ethyl Ether	59	1.496	1.496	(0.404)	91278	18.4816	22
119	Isoprene	67	1.503	1.496	(0.406)	165145	18.3528	21
47	Acrolein	56	1.568	1.568	(0.423)	146145	175.697	200
10	1,1-Dichloroethene	96	1.611	1.611	(0.435)	90311	16.5375	19
48	Freon TF	101	1.618	1.611	(0.437)	126220	19.4630	23
7	Acetone	43	1.654	1.661	(0.447)	31012	20.3200	24

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Report Date: 28-Jun-2012 14:44

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	1.704	1.697	(0.460)	149442	19.4217	23
8	Carbon Disulfide	76	1.732	1.732	(0.468)	355533	18.3420	21
50	Acetonitrile	41	1.818	1.826	(0.491)	280116	396.634	460
125	Methyl acetate	74	1.840	1.840	(0.497)	27478	29.8372	35(R)
6	Methylene Chloride	84	1.897	1.897	(0.512)	112612	20.0138	23
51	TBA	59	1.983	1.990	(0.536)	182407	292.236	340
52	Acrylonitrile	53	2.055	2.055	(0.555)	253839	116.788	140
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	110228	17.1570	20
53	MTBE	73	2.062	2.062	(0.557)	273289	17.4177	20
54	Hexane	56	2.227	2.227	(0.601)	93495	16.1054	19
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	217196	16.7590	20
57	Vinyl Acetate	43	2.384	2.377	(0.644)	265204	13.4443	16
55	DIPE	45	2.384	2.384	(0.644)	380170	18.2808	21
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	304823	17.4436	20
157	Dichlorofluoromethane	67	1.317	1.317	(0.356)	261844	18.7902	22
104	2,2-Dichloropropane	77	2.742	2.735	(0.741)	175412	15.5907	18
13	cis-1,2-Dichloroethene	96	2.750	2.742	(0.743)	122574	16.8895	20
18	2-Butanone	72	2.778	2.778	(0.750)	10831	17.1600	20
56	Ethyl Acetate	70	2.821	2.828	(0.762)	12569	27.1066	32
108	Bromochloromethane	128	2.929	2.929	(0.791)	50449	19.3003	22
15	Chloroform	83	3.000	3.000	(0.810)	203559	17.1538	20
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	179851	17.5567	20
59	Cyclohexane	56	3.165	3.165	(0.855)	247578	18.3414	21
21	Carbon Tetrachloride	117	3.265	3.258	(0.882)	137570	17.3684	20
92	1,1-Dichloropropene	75	3.272	3.265	(0.884)	161252	16.5068	19
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	219825	49.7994	58
28	Benzene	78	3.444	3.444	(0.930)	423744	16.8576	20
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	134565	16.3471	19
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	326058	29.4594	34
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	231765	17.2247	20
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	892413	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.095)	102013	16.5604	19
63	n-Butanol	43	4.075	4.082	(1.101)	91477	1005.93	1200
96	Ethyl Acrylate	85	4.225	4.218	(1.141)	3399	12.8747	15(RM)
126	Methyl cyclohexane	83	4.225	4.218	(1.141)	208650	17.8249	21
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	96437	15.2899	18(R)
109	Dibromomethane	93	4.404	4.397	(1.190)	53932	16.2477	19
95	1,4-Dioxane	88	4.454	4.454	(1.203)	8890	126.334	150
146	Methyl methacrylate	69	4.454	4.454	(1.203)	54393	17.4572	20
64	Propyl Acetate	43	4.540	4.540	(1.226)	177712	26.4872	31(R)
22	Bromodichloromethane	83	4.590	4.583	(1.240)	128019	17.1652	20
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	49229	17.3591	20
118	Epichlorohydrin	57	5.013	5.013	(1.354)	175124	319.586	370
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	137887	15.8917	18(R)
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	73154	15.9656	19
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.740)	710789	48.6413	57
38	Toluene	91	5.464	5.464	(0.751)	442761	15.2916	18

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61611.d
Report Date: 28-Jun-2012 14:44

	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	(0.795)	109626	12.0746	14(R)
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.826)	58625	14.5876	17(R)
	35 Tetrachloroethene	166	6.138	6.131	(0.843)	112650	16.8941	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.853)	133232	14.9193	17(R)
	34 2-Hexanone	43	6.396	6.388	(0.879)	49253	13.3685	16(R)
	26 Dibromochloromethane	129	6.496	6.496	(0.893)	75435	13.5563	16(R)
	65 Butyl Acetate	43	6.610	6.610	(0.908)	186312	21.5423	25(R)
	66 1,2-Dibromoethane	107	6.610	6.610	(0.908)	69340	15.2404	18
*	32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	663461	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.005)	267053	15.4879	18(R)
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.026)	77520	13.7060	16
	40 Ethylbenzene	106	7.513	7.513	(1.032)	148297	15.5968	18(R)
	43 m+p-Xylene	106	7.692	7.692	(1.057)	369085	30.2908	35(R)
	44 o-Xylene	106	8.272	8.272	(1.137)	185276	16.0256	19(R)
	42 Styrene	104	8.308	8.301	(1.142)	302284	15.2726	18(R)
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	123846	10.8173	13(R)
	31 Bromoform	173	8.537	8.537	(1.173)	41525	13.7020	16
	145 Amyl Acetate	43	8.766	8.767	(1.205)	56662	9.06195	10
	110 Isopropylbenzene	105	8.867	8.867	(1.219)	499949	15.5209	18
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	259324	50.4263	59
	150 Camphene	41	9.196	9.196	(0.841)	60303	15.2305	18
	107 Bromobenzene	156	9.254	9.254	(0.846)	112649	14.9026	17(R)
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	93593	14.2003	16(R)
	99 1,2,3-Trichloropropane	110	9.425	9.418	(0.862)	26225	13.7509	16(R)
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	27322	15.6087	18
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	613885	14.4520	17(R)
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	345910	14.4091	17(R)
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	343378	13.6538	16(R)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	406566	14.2316	16(R)
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	116848	11.7769	14(R)
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	372877	14.5240	17(R)
	100 1,2,4-Trimethylbenzene	105	10.435	10.435	(0.954)	407687	14.1235	16(R)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	564219	14.1964	16(R)
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	223065	14.3732	17(R)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	378250	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	226184	14.4564	17(R)
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	455761	13.9899	16(R)
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	213885	14.7924	17(R)
	117 Benzyl chloride	91	11.238	11.238	(1.028)	130841	10.0634	12(R)
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	447348	13.5067	16(R)
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	16751	12.2575	14(R)
	152 Camphor	95	13.186	13.186	(1.206)	55963	71.8632	84
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	166229	14.2431	17(R)
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	96507	13.6099	16(R)
	70 Naphthalene	128	13.480	13.480	(1.232)	338003	13.3684	16(R)
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	150806	13.9327	16(R)
M	45 Xylene (Total)	100				554361	46.2858	54(R)

Data File: /chem/VOAMS12.i/8260L_10/06-21-12/27jun12a.b/o61611.d
Report Date: 28-Jun-2012 14:44

QC Flag Legend

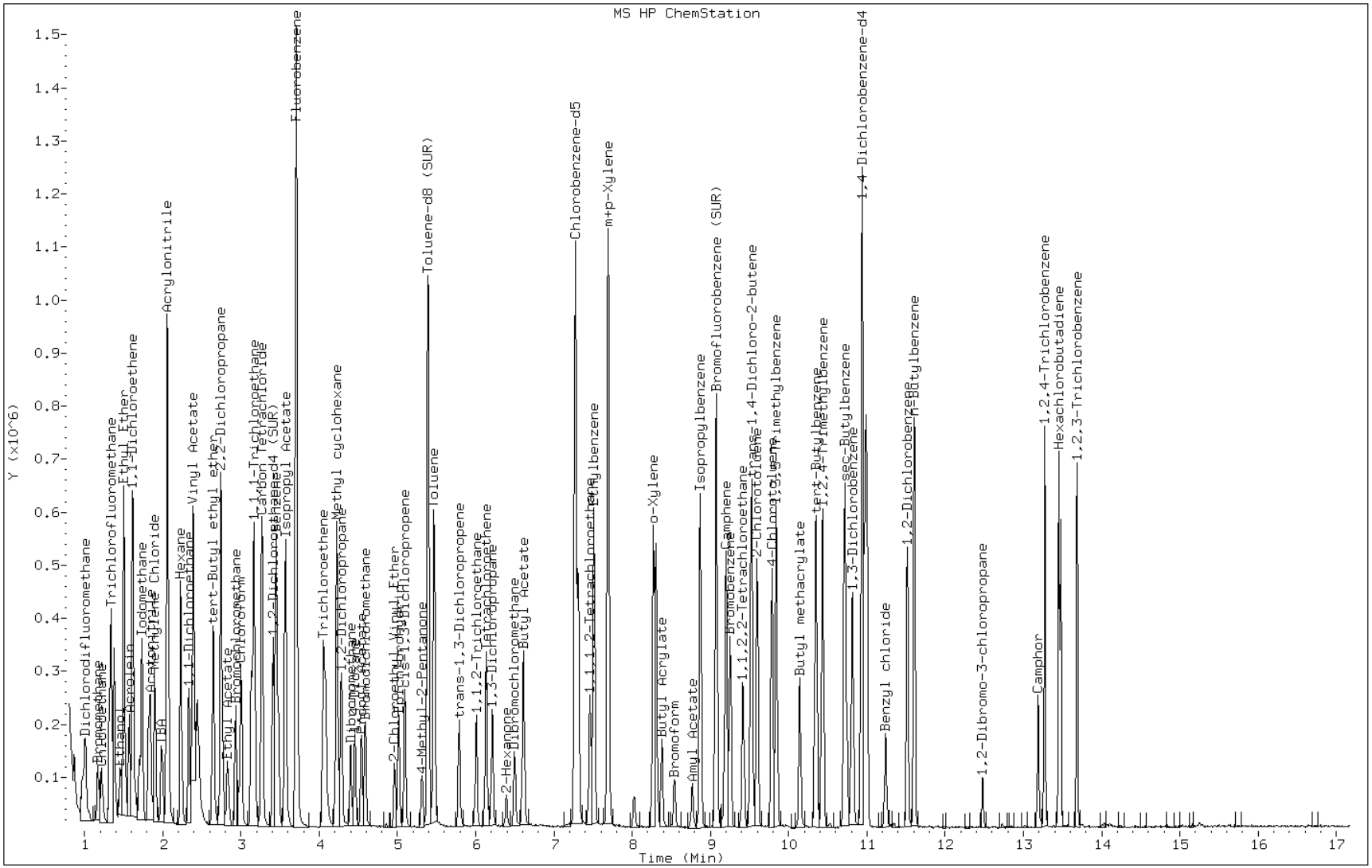
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: o61611.d

Date: 27-JUN-2012 21:18

Client ID: Instrument: VOAMS12.i

Sample Info: 460-41492-B-21-C MSD;;;4.29;5 Operator: VOAMS 9



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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.: 460-41492-1

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)
ZZZZZ		06/27/2012 17:57	1		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)
460-41492-21	F-6	06/27/2012 20:03	1	o61608.d	DB-624 0.18(mm)
ZZZZZ		06/27/2012 20:28	1		DB-624 0.18(mm)
460-41492-21 MS	F-6 MS	06/27/2012 20:53	1	o61610.d	DB-624 0.18(mm)
460-41492-21 MSD	F-6 MSD	06/27/2012 21:18	1	o61611.d	DB-624 0.18(mm)
ZZZZZ		06/27/2012 22:07	1		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.: 460-41492-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 06/21/2012 19:02

Analysis Batch Number: 117083 End Date: 06/22/2012 01:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-117083/1		06/21/2012 19:02	1	d21844.d	Rtx-624 0.25(mm)
ICIS 460-117083/2		06/21/2012 19:52	1	d21846.d	Rtx-624 0.25(mm)
IC 460-117083/3		06/21/2012 21:33	1	d21849.d	Rtx-624 0.25(mm)
IC 460-117083/4		06/21/2012 21:56	1	d21850.d	Rtx-624 0.25(mm)
IC 460-117083/5		06/21/2012 22:41	1	d21852.d	Rtx-624 0.25(mm)
IC 460-117083/6		06/21/2012 23:05	1	d21853.d	Rtx-624 0.25(mm)
IC 460-117083/7		06/21/2012 23:28	1	d21854.d	Rtx-624 0.25(mm)
ICV 460-117083/8		06/22/2012 01:54	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 06/25/2012 04:17

Analysis Batch Number: 117294 End Date: 06/25/2012 15:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-117294/1		06/25/2012 04:17	1	d21887.d	Rtx-624 0.25(mm)
CCVIS 460-117294/2		06/25/2012 04:42	1	d21888.d	Rtx-624 0.25(mm)
LCS 460-117294/3		06/25/2012 05:06	1	d21889.d	Rtx-624 0.25(mm)
ZZZZZ		06/25/2012 06:05	1		Rtx-624 0.25(mm)
MB 460-117294/5		06/25/2012 07:39	1	d21894.d	Rtx-624 0.25(mm)
LB3 460-116713/1-A		06/25/2012 08:03	1	d21895.d	Rtx-624 0.25(mm)
460-41492-1	SF-1	06/25/2012 08:26	1	d21896.d	Rtx-624 0.25(mm)
460-41492-2	SF-2	06/25/2012 08:49	1	d21897.d	Rtx-624 0.25(mm)
460-41492-3	SF-3	06/25/2012 09:13	1	d21898.d	Rtx-624 0.25(mm)
460-41492-8	SF-8	06/25/2012 09:36	1	d21899.d	Rtx-624 0.25(mm)
460-41492-8 MS	SF-8 MS	06/25/2012 10:00	1	d21900.d	Rtx-624 0.25(mm)
460-41492-8 MSD	SF-8 MSD	06/25/2012 10:27	1	d21901.d	Rtx-624 0.25(mm)
460-41492-4	SF-4	06/25/2012 11:14	1	d21903.d	Rtx-624 0.25(mm)
460-41492-5	SF-5	06/25/2012 11:37	1	d21904.d	Rtx-624 0.25(mm)
460-41492-6	SF-6	06/25/2012 12:01	1	d21905.d	Rtx-624 0.25(mm)
460-41492-7	SF-7	06/25/2012 12:24	1	d21906.d	Rtx-624 0.25(mm)
460-41492-9	SF-9	06/25/2012 12:47	1	d21907.d	Rtx-624 0.25(mm)
460-41492-10	SF-10	06/25/2012 13:11	1	d21908.d	Rtx-624 0.25(mm)
460-41492-11	SF-11	06/25/2012 13:34	1	d21909.d	Rtx-624 0.25(mm)
460-41492-12	SF-12	06/25/2012 13:57	1	d21910.d	Rtx-624 0.25(mm)
460-41492-13	SF-13	06/25/2012 14:21	1	d21911.d	Rtx-624 0.25(mm)
460-41492-14	SF-14	06/25/2012 14:44	1	d21912.d	Rtx-624 0.25(mm)
460-41492-15	FD-C	06/25/2012 15:07	1	d21913.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 06/25/2012 15:49

Analysis Batch Number: 117463 End Date: 06/26/2012 01:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-117463/1		06/25/2012 15:49	1	d21915.d	Rtx-624 0.25(mm)
CCVIS 460-117463/2		06/25/2012 16:35	1	d21917.d	Rtx-624 0.25(mm)
LCS 460-117463/3		06/25/2012 17:07	1	d21918.d	Rtx-624 0.25(mm)
LCSD 460-117463/4		06/25/2012 17:54	1	d21920.d	Rtx-624 0.25(mm)
MB 460-117463/5		06/25/2012 19:04	1	d21923.d	Rtx-624 0.25(mm)
460-41492-16	F-1	06/25/2012 19:27	1	d21924.d	Rtx-624 0.25(mm)
460-41492-17	F-2	06/25/2012 19:51	1	d21925.d	Rtx-624 0.25(mm)
460-41492-19	F-4	06/25/2012 20:14	1	d21926.d	Rtx-624 0.25(mm)
460-41492-20	F-5	06/25/2012 20:38	1	d21927.d	Rtx-624 0.25(mm)
460-41492-22	F-7	06/25/2012 21:01	1	d21928.d	Rtx-624 0.25(mm)
460-41492-23	FD-D	06/25/2012 21:25	1	d21929.d	Rtx-624 0.25(mm)
ZZZZZ		06/25/2012 23:21	1		Rtx-624 0.25(mm)
ZZZZZ		06/25/2012 23:45	1		Rtx-624 0.25(mm)
ZZZZZ		06/26/2012 00:32	1		Rtx-624 0.25(mm)
ZZZZZ		06/26/2012 00:55	1		Rtx-624 0.25(mm)
ZZZZZ		06/26/2012 01:19	1		Rtx-624 0.25(mm)
ZZZZZ		06/26/2012 01:42	1		Rtx-624 0.25(mm)
ZZZZZ		06/26/2012 01:42	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116713 Batch Start Date: 06/20/12 00:09 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 06/20/12 00:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-116713/1		5035, 8260B		5 g	5 mL				
460-41492-B-1	SF-1	5035, 8260B	T	4.82 g	5 mL				
460-41492-B-2	SF-2	5035, 8260B	T	4.44 g	5 mL				
460-41492-B-3	SF-3	5035, 8260B	T	4.96 g	5 mL				
460-41492-B-4	SF-4	5035, 8260B	T	4.98 g	5 mL				
460-41492-B-5	SF-5	5035, 8260B	T	5.55 g	5 mL				
460-41492-B-6	SF-6	5035, 8260B	T	4.88 g	5 mL				
460-41492-B-7	SF-7	5035, 8260B	T	4.98 g	5 mL				
460-41492-B-8	SF-8	5035, 8260B	T	5.39 g	5 mL				
460-41492-B-8 MS	SF-8	5035, 8260B	T	4.65 g	5 mL				
460-41492-B-8 MSD	SF-8	5035, 8260B	T	5.50 g	5 mL				
460-41492-B-9	SF-9	5035, 8260B	T	5.69 g	5 mL				
460-41492-B-10	SF-10	5035, 8260B	T	4.84 g	5 mL				
460-41492-B-11	SF-11	5035, 8260B	T	5.33 g	5 mL				
460-41492-B-12	SF-12	5035, 8260B	T	4.74 g	5 mL				
460-41492-B-13	SF-13	5035, 8260B	T	5.61 g	5 mL				
460-41492-B-14	SF-14	5035, 8260B	T	5.47 g	5 mL				
460-41492-B-15	FD-C	5035, 8260B	T	5.20 g	5 mL				
460-41492-B-16	F-1	5035, 8260B	T	4.78 g	5 mL				
460-41492-B-17	F-2	5035, 8260B	T	4.95 g	5 mL				
460-41492-B-19	F-4	5035, 8260B	T	5.16 g	5 mL				
460-41492-B-20	F-5	5035, 8260B	T	3.91 g	5 mL				
460-41492-B-21	F-6	5035, 8260B	T	3.74 g	5 mL				
460-41492-B-21 MS	F-6	5035, 8260B	T	4.29 g	5 mL				
460-41492-B-21 MSD	F-6	5035, 8260B	T	4.29 g	5 mL				
460-41492-B-22	F-7	5035, 8260B	T	4.68 g	5 mL				
460-41492-B-23	FD-D	5035, 8260B	T	4.22 g	5 mL				

Batch Notes	

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116713 Batch Start Date: 06/20/12 00:09 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 06/20/12 00:42

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		mo11	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

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 dermp.
06/22/12 0236	o61404.d	18	MB		5	5	1	all			NC dermp.
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: Norberto 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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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		8260 LOW	G
06/27/12 1707	o61601.d	1	CCVIS		5	5	1	all		8260 IS: 1557062	G
06/27/12 1732	o61602.d	2	LCS		5	5	1	all		SURR 250: 1557063	G
06/27/12 1757	o61603.d	3	LCSD		5	5	1	all		GAS 50: 1588981	G
06/27/12 1823	o61604.d	4	MB		5	5	1	all		MIX 1 50: 1554336	NG cleanup.
06/27/12 1848	o61605.d	5	MB		5	5	1	all		MIX 2 50: 1554339	G
06/27/12 1913	o61606.d	6	LB3 460-117368/1-A		5	5	1	all		MIX 3: 1554350	G
06/27/12 1938	o61607.d	7	460-41658-A-7-A	12107-B7	5.33	5	1	all		AC/AC: 1554352	G
06/27/12 2003	o61608.d	8	460-41492-B-21-A	F-6	3.74	5	1	all		GAS SP: 1588983	G
06/27/12 2028	o61609.d	9	460-41668-A-1-G	VX-1	5.17	5	1	all		8260 SP: 1554338	G
06/27/12 2053	o61610.d	10	460-41492-B-21-B MS	F-6	4.29	5	1	all		MIX 3 SP: 1554351	G
06/27/12 2118	o61611.d	11	460-41492-B-21-CMSD		4.29	5	1	all		AC/AC SP: 1554353	G
06/27/12 2143	o61612.d	12	blk		5	5	1	all	—	MISC:	NG cleanup
06/27/12 2207	o61613.d	13	LB3 460-117585/1-A		5	5	1	all			G

MeOH 117046

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

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 Kim B. 06/28/12 Read and Understood by: H. Dysgaard 06/28/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.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 1902	d21844.d	2	BFB		0	0	1	all			C
06/21/12 1929	d21845.d	1	ICIS-VMCAL3		5	5	1	all		8260 LOW	(N.A.)
06/21/12 1952	d21846.d	2	ICIS-VMCAL3		5	5	1	all		8260 IS: 1504363 SURR 250: 1504364	C
06/21/12 2047	d21847.d	3	BLK		5	5	1	all		GAS 50: 1575339 MIX 1 50: 1554336	NC desorp.
06/21/12 2110	d21848.d	4	BLK		5	5	1	all		MIX 2 50: 1554339 MIX 3: 1554350	NC desorp.
06/21/12 2133	d21849.d	5	IC-VMCAL2		5	5	1	all		AC/AC: 1554352 GAS SP: 1575341	C
06/21/12 2156	d21850.d	6	IC-VMCAL1		5	5	1	all		8260 SP: 1554338 MIX 3 SP: 1554351	C
06/21/12 2218	d21851.d	7	IC-VMCAL1		5	5	1	all		AC/AC SP: 1554353 MISC:	NC
06/21/12 2241	d21852.d	8	IC-VMCAL4		5	5	1	all		1554357	C
06/21/12 2305	d21853.d	9	IC-VMCAL5		5	5	1	all		MeOH	C
06/21/12 2328	d21854.d	10	IC-VMCAL6		5	5	1	all		117046	C
06/21/12 2351	d21855.d	11	BLK		5	5	1	all			NC desorp
06/22/12 0015	d21856.d	12	BLK		5	5	1	all			
06/22/12 0045	d21857.d	13	BLK		5	5	1	all			

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/21jun12.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 0131	d21858.d	14	ICV		5	5	1	all			NG
06/22/12 0154	d21859.d	15	ICV		5	5	1	all			G

Signed: Audberto for Ken B. Read and Understood by: A. Tupaz

Date: 06/22/12 Date: 06/22/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b

Date Generated: 06/25/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/25/12 0417	d21887.d	2	BFB		0	0	1	all		8260 LOW	C
06/25/12 0442	d21888.d	1	CCVIS		5	5	1	all		8260 IS: 1504363	C
06/25/12 0506	d21889.d	2	LCS		5	5	1	all		SURR 250: 1504364	C
06/25/12 0605	d21890.d	3	LCSD		5	5	1	all		GAS 50: 1586981	C
06/25/12 0629	d21891.d	4	MB		5	5	1	all		MIX 1 50: 1554336	C
06/25/12 0653	d21892.d	5	MB		5	5	1	all		MIX 2 50: 1554339	NC
06/25/12 0716	d21893.d	6	MB		5	5	1	all		MIX 3: 1554350	
06/25/12 0739	d21894.d	7	MB		5	5	1	all		AC/AC: 1554353	
06/25/12 0803	d21895.d	8	LB3 460-116713/1-A		5	5	1	all		GAS SP: 1586983	
06/25/12 0826	d21896.d	9	460-41492-B-1-A	SF-1	4.82	5	1	all		8260 SP: 1554328	
06/25/12 0849	d21897.d	10	460-41492-B-2-A	SF-2	4.44	5	1	all		MIX 3 SP: 1554357	
06/25/12 0913	d21898.d	11	460-41492-B-3-A	SF-3	4.96	5	1	all		AC/AC SP: 1554353	
06/25/12 0936	d21899.d	12	460-41492-B-8-A	SF-8	5.39	5	1	all		MISC: MeOH	C
06/25/12 1000	d21900.d	13	460-41492-B-8-B MS	SF-8	4.65	5	1	all		117046	C
										1554404	C
										~~1554355~~ VDP 6/26/12	C
										1554383	C
											C
											C

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12.b

Date Generated: 06/25/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/25/12 1027	d21901.d	14	460-41492-B-8-C MSD	SF-8	5.5	5	1	all			C
06/25/12 1050	d21902.d	15	BLANK		5	5	1	all			NC
06/25/12 1114	d21903.d	16	460-41492-B-4-A	SF-4	4.98	5	1	all			C
06/25/12 1137	d21904.d	17	460-41492-B-5-A	SF-5	5.55	5	1	all			C
06/25/12 1201	d21905.d	18	460-41492-B-6-A	SF-6	4.88	5	1	all			C
06/25/12 1224	d21906.d	19	460-41492-B-7-A	SF-7	4.98	5	1	all			C
06/25/12 1247	d21907.d	20	460-41492-B-9-A	SF-9	5.69	5	1	all			C
06/25/12 1311	d21908.d	21	460-41492-B-10-A	SF-10	4.84	5	1	all			C
06/25/12 1334	d21909.d	22	460-41492-B-11-A	SF-11	5.33	5	1	all			C
06/25/12 1357	d21910.d	23	460-41492-B-12-A	SF-12	4.74	5	1	all			C
06/25/12 1421	d21911.d	24	460-41492-B-13-A	SF-13	5.61	5	1	all			C
06/25/12 1444	d21912.d	25	460-41492-B-14-A	SF-14	5.47	5	1	all			C
06/25/12 1507	d21913.d	26	460-41492-B-15-A	FD-C	5.2	5	1	all			C
06/25/12 1531	d21914.d	27	BLANK		5	5	1	all			NC

Signed: Alta Del Bello for AT 6/25/12 Read and Understood by: Alta Del Bello 6/25/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b

Date Generated: 06/26/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/25/12 1549	d21915.d	2	BFB		0	0	1	all			G
06/25/12 1600	d21916.d	1	CCVIS		5	5	1	all		8260 LOW 8260 IS: 1504363 SURR 250: 1504364	NG
06/25/12 1635	d21917.d	1	CCVIS		5	5	1	all		GAS 50: 1588481 MIX 1 50: 1564336	G
06/25/12 1707	d21918.d	2	LCS		5	5	1	all		MIX 2 50: 1564339 MIX 3: 1564350	C
06/25/12 1731	d21919.d	3	LCSD		5	5	1	all		AC/AC: 1564352 GAS SP: 1588483	NG
06/25/12 1754	d21920.d	4	LCSD		5	5	1	all		8260 SP: 1564338 MIX 1 SP: 1564351	G
06/25/12 1817	d21921.d	5	MB		5	5	1	all		AC/AC SP: 1564353 MISC:	NG cleanup
06/25/12 1841	d21922.d	6	MB		5	5	1	all		meOH	NG cleanup
06/25/12 1904	d21923.d	7	MB		5	5	1	all		117046	G
06/25/12 1927	d21924.d	8	460-41492-B-16-A	F-1	4.78	5	1	all		1564404	G
06/25/12 1951	d21925.d	9	460-41492-B-17-A	F-2	4.95	5	1	all		~~1564355~~ VOA	G
06/25/12 2014	d21926.d	10	460-41492-B-19-A	F-4	5.16	5	1	all		1554383 6/26/12	G
06/25/12 2038	d21927.d	11	460-41492-B-20-A	F-5	3.91	5	1	all			G
06/25/12 2101	d21928.d	12	460-41492-B-22-A	F-7	4.68	5	1	all			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/06-21-12/25jun12a.b

Date Generated: 06/26/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
06/25/12 2125	d21929.d	13	460-41492-B-23-A	FD-D	4.22	5	1	all			G
06/25/12 2148	d21930.d	14	460-41495-B-1-A	VO-22A	5.822	5	1	all			1St RR ML
06/25/12 2211	d21931.d	15	460-41495-B-2-A	VO-22B	5.695	5	1	all			1St RR ML
06/25/12 2235	d21932.d	16	460-41495-B-3-A	VO-24A	7.039	5	1	all			RR C/O
06/25/12 2258	d21933.d	17	460-41495-B-4-A	VO-24B	6.488	5	1	all			RR C/O
06/25/12 2321	d21934.d	18	460-41495-B-5-A	VO-26A	6.652	5	1	all			G RR CO
06/25/12 2345	d21935.d	19	460-41495-B-6-A	VO-26B	5.696	5	1	all			G RR CO
06/26/12 0008	d21936.d	20	460-41495-B-7-A	VO-27A	5.955	5	1	all			NG C/O
06/26/12 0032	d21937.d	21	460-41495-B-8-A	VO-27B	6.546	5	1	all			G RR CO
06/26/12 0055	d21938.d	22	460-41495-B-9-A	VO-28A	6.579	5	1	all			G RR CO
06/26/12 0119	d21939.d	23	460-41495-B-10-A	VO-28B	6.779	5	1	all			G RR CO
06/26/12 0142	d21940.d	24	460-41495-B-12-A D	VO-31A	~~6.089~~ 6.317	5	1	all			G VOP 6/26/12

VITA.

Signed: Audberto for ~~Ken B.~~ AT. Read and Understood by: A. Tyagi.

Date: 06/26/12 Date: 06/26/12

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

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 #
SF-1	460-41492-1	78	89	55	60	55	92
SF-2	460-41492-2	86	91	66	67	63	87
SF-3	460-41492-3	95	98	77	73	65	90
SF-4	460-41492-4	90	95	69	77	78	90
SF-5	460-41492-5	89	98	66	62	76	79
SF-6	460-41492-6	83	98	69	69	73	96
SF-7	460-41492-7	83	95	68	64	70	93
SF-8	460-41492-8	95	98	67	63	68	89
SF-9	460-41492-9	83	88	70	71	73	88
SF-10	460-41492-10	86	94	63	68	76	86
SF-11	460-41492-11	77	84	59	64	67	76
SF-12	460-41492-12	79	96	55	64	71	87
SF-13	460-41492-13	74	89	54	53	71	86
SF-14	460-41492-14	62	74	46	49	64	86
FD-C	460-41492-15	54	62	45	44	60	95
F-1	460-41492-16	55	72	44	41	58	88
F-2	460-41492-17	67	75	55	51	42	81
F-4	460-41492-19	83	95	63	68	50	93
F-5	460-41492-20	82	92	61	63	53	91
F-6	460-41492-21	63	66	62	60	54	74
F-7	460-41492-22	55	63	41	42	43	63
FD-D	460-41492-23	61	65	61	60	38	88
	MB 460-116951/1-A	98	96	80	84	75	83
	MB 460-116952/1-A	76	75	81	78	70	83
	LCS 460-116951/2-A	81	82	69	69	72	73
	LCS 460-116952/2-A	65	65	70	71	68	67
SF-8 MS	460-41492-8 MS	96	101	79	79	79	88
F-6 MS	460-41492-21 MS	70	74	70	74	63	78
SF-8 MSD	460-41492-8 MSD	83	87	72	69	67	76
F-6 MSD	460-41492-21 MSD	73	80	71	74	68	85

	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77657.d

Lab ID: LCS 460-116951/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	5470	82	54-115	
2-Chlorophenol	6670	5340	80	56-110	
2-Methylphenol	6670	6020	90	54-117	
4-Methylphenol	6670	5760	86	47-103	
Benzaldehyde	3330	2780	83	10-160	
Acetophenone	3330	2380	71	40-95	
Bis(2-chloroethyl)ether	3330	2520	76	44-101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45-102	
N-Nitrosodi-n-propylamine	3330	2620	79	42-107	
Nitrobenzene	3330	2210	66	42-106	
Hexachloroethane	3330	2340	70	45-90	
Isophorone	3330	2310	69	48-97	
2-Nitrophenol	6670	5170	77	55-101	
2,4-Dimethylphenol	6670	5680	85	56-112	
2,4-Dichlorophenol	6670	5360	80	58-115	
Bis(2-chloroethoxy)methane	3330	2560	77	51-100	
Naphthalene	3330	2440	73	53-94	
4-Chloroaniline	3330	2160	65	10-96	
Hexachlorobutadiene	3330	2120	64	45-98	
Caprolactam	3330	1520	46	10-127	
4-Chloro-3-methylphenol	6670	5570	83	55-117	
2-Methylnaphthalene	3330	2490	75	51-98	
Hexachlorobenzene	3330	2430	73	43-104	
Hexachlorocyclopentadiene	3330	1350	40	24-98	
2,4,6-Trichlorophenol	6670	5220	78	53-118	
2,4,5-Trichlorophenol	6670	4990	75	50-115	
Diphenyl	3330	2460	74	50-105	
2-Chloronaphthalene	3330	2390	72	51-102	
2-Nitroaniline	3330	2570	77	51-109	
2,6-Dinitrotoluene	3330	2650	79	51-115	
Dimethyl phthalate	3330	2520	76	52-112	
Acenaphthylene	3330	2460	74	51-103	
3-Nitroaniline	3330	2270	68	32-104	
Acenaphthene	3330	2430	73	46-100	
4-Nitrophenol	6670	5700	86	45-114	
2,4-Dinitrophenol	6670	2800	42	10-129	
Dibenzofuran	3330	2540	76	52-106	
Diethyl phthalate	3330	2810	84	52-114	
Fluorene	3330	2920	88	51-108	
Fluoranthene	3330	2740	82	49-108	
Di-n-butyl phthalate	3330	2720	82	50-108	
2,4-Dinitrotoluene	3330	2970	89	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77657.d

Lab ID: LCS 460-116951/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2510	75	50-106	
4-Nitroaniline	3330	3000	90	45-106	
4,6-Dinitro-2-methylphenol	6670	4070	61	10-110	
4-Bromophenyl phenyl ether	3330	2270	68	44-102	
Atrazine	3330	1980	59	30-100	
Anthracene	3330	2610	78	50-107	
Carbazole	3330	2710	81	49-104	
Phenanthrene	3330	2520	76	48-108	
Pentachlorophenol	6670	4450	67	19-113	
Pyrene	3330	2520	76	49-116	
Chrysene	3330	2660	80	45-114	
Benzo[k]fluoranthene	3330	2130	64	35-115	
Benzo[g,h,i]perylene	3330	2290	69	43-106	
Benzo[b]fluoranthene	3330	1960	59	33-96	
Benzo[a]pyrene	3330	2360	71	36-89	
Benzo[a]anthracene	3330	2640	79	46-112	
N-Nitrosodiphenylamine	3330	2530	76	49-106	
Butyl benzyl phthalate	3330	2880	86	49-117	
Bis(2-ethylhexyl) phthalate	3330	2770	83	49-119	
Di-n-octyl phthalate	3330	2120	64	40-106	
Indeno[1,2,3-cd]pyrene	3330	2000	60	43-109	
Dibenz(a,h)anthracene	3330	2360	71	43-107	
3,3'-Dichlorobenzidine	3330	2950	88	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2280	68	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2460	74	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31238.d

Lab ID: LCS 460-116952/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	4230	64	54-115	
2-Chlorophenol	6670	4550	68	56-110	
2-Methylphenol	6670	4610	69	54-117	
4-Methylphenol	6670	4320	65	47-103	
Benzaldehyde	3330	4700	141	10-160	
Acetophenone	3330	2360	71	40-95	
Bis(2-chloroethyl)ether	3330	2290	69	44-101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45-102	
N-Nitrosodi-n-propylamine	3330	2540	76	42-107	
Nitrobenzene	3330	2690	81	42-106	
Hexachloroethane	3330	2330	70	45-90	
Isophorone	3330	2460	74	48-97	
2-Nitrophenol	6670	4860	73	55-101	
2,4-Dimethylphenol	6670	4480	67	56-112	
2,4-Dichlorophenol	6670	4570	69	58-115	
Bis(2-chloroethoxy)methane	3330	2460	74	51-100	
Naphthalene	3330	2530	76	53-94	
4-Chloroaniline	3330	1680	50	10-96	
Hexachlorobutadiene	3330	2450	74	45-98	
Caprolactam	3330	2440	73	10-127	
4-Chloro-3-methylphenol	6670	4780	72	55-117	
2-Methylnaphthalene	3330	2400	72	51-98	
Hexachlorobenzene	3330	2590	78	43-104	
Hexachlorocyclopentadiene	3330	2130	64	24-98	
2,4,6-Trichlorophenol	6670	4740	71	53-118	
2,4,5-Trichlorophenol	6670	4710	71	50-115	
Diphenyl	3330	2610	78	50-105	
2-Chloronaphthalene	3330	2480	74	51-102	
2-Nitroaniline	3330	2470	74	51-109	
2,6-Dinitrotoluene	3330	2480	74	51-115	
Dimethyl phthalate	3330	2500	75	52-112	
Acenaphthylene	3330	2450	74	51-103	
3-Nitroaniline	3330	1770	53	32-104	
Acenaphthene	3330	2480	74	46-100	
4-Nitrophenol	6670	4740	71	45-114	
2,4-Dinitrophenol	6670	2110	32	10-129	
Dibenzofuran	3330	2470	74	52-106	
Diethyl phthalate	3330	2450	74	52-114	
Fluorene	3330	2530	76	51-108	
Fluoranthene	3330	2620	78	49-108	
Di-n-butyl phthalate	3330	2580	77	50-108	
2,4-Dinitrotoluene	3330	2480	74	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31238.d

Lab ID: LCS 460-116952/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2470	74	50-106	
4-Nitroaniline	3330	2260	68	45-106	
4,6-Dinitro-2-methylphenol	6670	3540	53	10-110	
4-Bromophenyl phenyl ether	3330	2610	78	44-102	
Atrazine	3330	2120	64	30-100	
Anthracene	3330	2540	76	50-107	
Carbazole	3330	2590	78	49-104	
Phenanthrene	3330	2560	77	48-108	
Pentachlorophenol	6670	4550	68	19-113	
Pyrene	3330	2360	71	49-116	
Chrysene	3330	2600	78	45-114	
Benzo[k]fluoranthene	3330	2210	66	35-115	
Benzo[g,h,i]perylene	3330	2460	74	43-106	
Benzo[b]fluoranthene	3330	2250	68	33-96	
Benzo[a]pyrene	3330	2290	69	36-89	
Benzo[a]anthracene	3330	2440	73	46-112	
N-Nitrosodiphenylamine	3330	2720	82	49-106	
Butyl benzyl phthalate	3330	2420	72	49-117	
Bis(2-ethylhexyl) phthalate	3330	2450	73	49-119	
Di-n-octyl phthalate	3330	2110	63	40-106	
Indeno[1,2,3-cd]pyrene	3330	2180	65	43-109	
Dibenz(a,h)anthracene	3330	2440	73	43-107	
3,3'-Dichlorobenzidine	3330	2570	77	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2350	70	70-130	
2,3,4,6-Tetrachlorophenol	3330	2260	68	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77660.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7780	52 U	7940	102	54-115	
2-Chlorophenol	7780	51 U	7720	99	56-110	
2-Methylphenol	7780	66 U	7940	102	54-117	
4-Methylphenol	7780	76 U	7960	102	47-103	
Benzaldehyde	3890	45 U	4290	110	10-160	
Acetophenone	3890	59 U	3160	81	40-95	
Bis(2-chloroethyl)ether	3890	5.3 U	3280	84	44-101	
2,2'-oxybis[1-chloropropane]	3890	43 U	3120	80	45-102	
N-Nitrosodi-n-propylamine	3890	6.4 U	3700	95	42-107	
Nitrobenzene	3890	5.5 U	3040	78	42-106	
Hexachloroethane	3890	4.3 U	2530	65	45-90	
Isophorone	3890	47 U	3260	84	48-97	
2-Nitrophenol	7780	43 U	7420	95	55-101	
2,4-Dimethylphenol	7780	95 U	8230	106	56-112	
2,4-Dichlorophenol	7780	56 U	7820	100	58-115	
Bis(2-chloroethoxy)methane	3890	50 U	3540	91	51-100	
Naphthalene	3890	45 U	3240	83	53-94	
4-Chloroaniline	3890	100 U	3360	86	10-96	
Hexachlorobutadiene	3890	9.4 U	2590	66	45-98	
Caprolactam	3890	89 U	3320	85	10-127	
4-Chloro-3-methylphenol	7780	58 U	8300	107	55-117	
2-Methylnaphthalene	3890	50 U	3350	86	51-98	
Hexachlorobenzene	3890	5.3 U	3220	83	43-104	
Hexachlorocyclopentadiene	3890	45 U	1320	34	24-98	
2,4,6-Trichlorophenol	7780	45 U	7230	93	53-118	
2,4,5-Trichlorophenol	7780	50 U	7060	91	50-115	
Diphenyl	3890	52 U	3300	85	50-105	
2-Chloronaphthalene	3890	43 U	3340	86	51-102	
2-Nitroaniline	3890	160 U	3840	99	51-109	
2,6-Dinitrotoluene	3890	12 U	3870	99	51-115	
Dimethyl phthalate	3890	46 U	4010	103	52-112	
Acenaphthylene	3890	46 U	3420	88	51-103	
3-Nitroaniline	3890	140 U	3960	102	32-104	
Acenaphthene	3890	56 U	3420	88	46-100	
4-Nitrophenol	7780	250 U	5700	73	45-114	
2,4-Dinitrophenol	7780	220 U	220 U	0	10-129	F
Dibenzofuran	3890	45 U	3660	94	52-106	
Diethyl phthalate	3890	46 U	4130	106	52-114	
Fluorene	3890	49 U	3880	100	51-108	
Fluoranthene	3890	51 U	3650	94	49-108	
Di-n-butyl phthalate	3890	48 U	3560	91	50-108	
2,4-Dinitrotoluene	3890	13 U	4240	109	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77660.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3890	45 U	3560	91	50-106	
4-Nitroaniline	3890	120 U	4560	117	45-106	F
4,6-Dinitro-2-methylphenol	7780	110 U	147 J	2	10-110	F
4-Bromophenyl phenyl ether	3890	38 U	3210	83	44-102	
Atrazine	3890	60 U	2410	62	30-100	
Anthracene	3890	47 U	3410	88	50-107	
Carbazole	3890	46 U	3630	93	49-104	
Phenanthrene	3890	49 U	3300	85	48-108	
Pentachlorophenol	7780	120 U	2290	29	19-113	
Pyrene	3890	32 U	3840	99	49-116	
Chrysene	3890	45 U	3650	94	45-114	
Benzo[k]fluoranthene	3890	2.9 U	3390	87	35-115	
Benzo[g,h,i]perylene	3890	29 U	3330	86	43-106	
Benzo[b]fluoranthene	3890	2.4 U	2800	72	33-96	
Benzo[a]pyrene	3890	2.7 U	3400	87	36-89	
Benzo[a]anthracene	3890	2.7 U	3630	93	46-112	
N-Nitrosodiphenylamine	3890	38 U	3490	90	49-106	
Butyl benzyl phthalate	3890	35 U	4100	105	49-117	
Bis(2-ethylhexyl) phthalate	3890	130 U	3830	98	49-119	
Di-n-octyl phthalate	3890	25 U	3350	86	40-106	
Indeno[1,2,3-cd]pyrene	3890	7.2 U	2750	71	43-109	
Dibenz(a,h)anthracene	3890	4.9 U	3250	83	43-107	
3,3'-Dichlorobenzidine	3890	140 U	3920	101	24-105	
1,2,4,5-Tetrachlorobenzene	3890	52 U	2860	73	70-130	
2,3,4,6-Tetrachlorophenol	3890	50 U	2950	76	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31241.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7660	51 U	5400	70	54-115	
2-Chlorophenol	7660	50 U	5700	74	56-110	
2-Methylphenol	7660	65 U	5870	77	54-117	
4-Methylphenol	7660	75 U	5630	73	47-103	
Benzaldehyde	3830	45 U	4020	105	10-160	
Acetophenone	3830	58 U	2910	76	40-95	
Bis(2-chloroethyl)ether	3830	5.2 U	2770	72	44-101	
2,2'-oxybis[1-chloropropane]	3830	42 U	3000	78	45-102	
N-Nitrosodi-n-propylamine	3830	6.3 U	3150	82	42-107	
Nitrobenzene	3830	5.4 U	3230	84	42-106	
Hexachloroethane	3830	4.2 U	2460	64	45-90	
Isophorone	3830	46 U	3080	80	48-97	
2-Nitrophenol	7660	42 U	5860	76	55-101	
2,4-Dimethylphenol	7660	94 U	5860	76	56-112	
2,4-Dichlorophenol	7660	56 U	5640	74	58-115	
Bis(2-chloroethoxy)methane	3830	49 U	3070	80	51-100	
Naphthalene	3830	44 U	3030	79	53-94	
4-Chloroaniline	3830	100 U	2690	70	10-96	
Hexachlorobutadiene	3830	9.3 U	2730	71	45-98	
Caprolactam	3830	88 U	2890	75	10-127	
4-Chloro-3-methylphenol	7660	57 U	6170	80	55-117	
2-Methylnaphthalene	3830	49 U	2980	78	51-98	
Hexachlorobenzene	3830	5.2 U	3450	90	43-104	
Hexachlorocyclopentadiene	3830	45 U	2290	60	24-98	
2,4,6-Trichlorophenol	7660	44 U	5240	68	53-118	
2,4,5-Trichlorophenol	7660	49 U	5620	73	50-115	
Diphenyl	3830	51 U	3330	87	50-105	
2-Chloronaphthalene	3830	42 U	3140	82	51-102	
2-Nitroaniline	3830	160 U	3300	86	51-109	
2,6-Dinitrotoluene	3830	11 U	3300	86	51-115	
Dimethyl phthalate	3830	45 U	3300	86	52-112	
Acenaphthylene	3830	45 U	3180	83	51-103	
3-Nitroaniline	3830	130 U	2970	78	32-104	
Acenaphthene	3830	55 U	3270	85	46-100	
4-Nitrophenol	7660	240 U	5920	77	45-114	
2,4-Dinitrophenol	7660	220 U	220 U	0	10-129	F
Dibenzofuran	3830	45 U	3240	84	52-106	
Diethyl phthalate	3830	45 U	3270	85	52-114	
Fluorene	3830	49 U	3320	87	51-108	
Fluoranthene	3830	51 U	3580	93	49-108	
Di-n-butyl phthalate	3830	47 U	3460	90	50-108	
2,4-Dinitrotoluene	3830	13 U	3230	84	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31241.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3830	45 U	3330	87	50-106	
4-Nitroaniline	3830	120 U	3040	79	45-106	
4,6-Dinitro-2-methylphenol	7660	100 U	394 J	5	10-110	F
4-Bromophenyl phenyl ether	3830	38 U	3490	91	44-102	
Atrazine	3830	59 U	2520	66	30-100	
Anthracene	3830	46 U	3380	88	50-107	
Carbazole	3830	45 U	3520	92	49-104	
Phenanthrene	3830	58 J	3520	90	48-108	
Pentachlorophenol	7660	110 U	3380	44	19-113	
Pyrene	3830	32 U	3140	82	49-116	
Chrysene	3830	44 U	3370	88	45-114	
Benzo[k]fluoranthene	3830	2.9 U	3170	83	35-115	
Benzo[g,h,i]perylene	3830	28 U	3280	86	43-106	
Benzo[b]fluoranthene	3830	2.4 U	2860	75	33-96	
Benzo[a]pyrene	3830	2.7 U	3060	80	36-89	
Benzo[a]anthracene	3830	2.7 U	3300	86	46-112	
N-Nitrosodiphenylamine	3830	37 U	3600	94	49-106	
Butyl benzyl phthalate	3830	35 U	3190	83	49-117	
Bis(2-ethylhexyl) phthalate	3830	130 U	3170	83	49-119	
Di-n-octyl phthalate	3830	24 U	2870	75	40-106	
Indeno[1,2,3-cd]pyrene	3830	7.1 U	2800	73	43-109	
Dibenz(a,h)anthracene	3830	4.8 U	3350	87	43-107	
3,3'-Dichlorobenzidine	3830	130 U	3400	89	24-105	
1,2,4,5-Tetrachlorobenzene	3830	51 U	2940	77	70-130	
2,3,4,6-Tetrachlorophenol	3830	49 U	2040	53	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77661.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7760	6740	87	16	30	54-115	
2-Chlorophenol	7760	6810	88	12	30	56-110	
2-Methylphenol	7760	7180	92	10	30	54-117	
4-Methylphenol	7760	7010	90	13	30	47-103	
Benzaldehyde	3880	4010	103	7	30	10-160	
Acetophenone	3880	2900	75	9	30	40-95	
Bis(2-chloroethyl)ether	3880	2740	71	18	30	44-101	
2,2'-oxybis[1-chloropropane]	3880	2830	73	10	30	45-102	
N-Nitrosodi-n-propylamine	3880	3320	86	11	30	42-107	
Nitrobenzene	3880	2640	68	14	30	42-106	
Hexachloroethane	3880	2310	59	9	30	45-90	
Isophorone	3880	2840	73	14	30	48-97	
2-Nitrophenol	7760	6210	80	18	30	55-101	
2,4-Dimethylphenol	7760	7480	96	9	30	56-112	
2,4-Dichlorophenol	7760	6820	88	14	30	58-115	
Bis(2-chloroethoxy)methane	3880	3130	81	12	30	51-100	
Naphthalene	3880	2780	72	15	30	53-94	
4-Chloroaniline	3880	2920	75	14	30	10-96	
Hexachlorobutadiene	3880	2330	60	10	30	45-98	
Caprolactam	3880	3210	83	3	30	10-127	
4-Chloro-3-methylphenol	7760	7640	98	8	30	55-117	
2-Methylnaphthalene	3880	3080	79	8	30	51-98	
Hexachlorobenzene	3880	3200	83	1	30	43-104	
Hexachlorocyclopentadiene	3880	1110	29	17	30	24-98	
2,4,6-Trichlorophenol	7760	5910	76	20	30	53-118	
2,4,5-Trichlorophenol	7760	6310	81	11	30	50-115	
Diphenyl	3880	2840	73	15	30	50-105	
2-Chloronaphthalene	3880	3090	79	8	30	51-102	
2-Nitroaniline	3880	3340	86	14	30	51-109	
2,6-Dinitrotoluene	3880	3460	89	11	30	51-115	
Dimethyl phthalate	3880	3470	89	15	30	52-112	
Acenaphthylene	3880	2990	77	14	30	51-103	
3-Nitroaniline	3880	3640	94	8	30	32-104	
Acenaphthene	3880	2990	77	13	30	46-100	
4-Nitrophenol	7760	4890	63	15	30	45-114	
2,4-Dinitrophenol	7760	220 U	0	NC	30	10-129	F
Dibenzofuran	3880	3140	81	15	30	52-106	
Diethyl phthalate	3880	3690	95	11	30	52-114	
Fluorene	3880	3690	95	5	30	51-108	
Fluoranthene	3880	3310	85	10	30	49-108	
Di-n-butyl phthalate	3880	3340	86	6	30	50-108	
2,4-Dinitrotoluene	3880	3800	98	11	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u77661.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3880	3130	81	13	30	50-106	
4-Nitroaniline	3880	4230	109	8	30	45-106	F
4,6-Dinitro-2-methylphenol	7760	100 U	0	NC	30	10-110	F
4-Bromophenyl phenyl ether	3880	3150	81	2	30	44-102	
Atrazine	3880	2330	60	4	30	30-100	
Anthracene	3880	3210	83	6	30	50-107	
Carbazole	3880	3430	88	6	30	49-104	
Phenanthrene	3880	3180	82	4	30	48-108	
Pentachlorophenol	7760	1690	22	30	30	19-113	
Pyrene	3880	3280	84	16	30	49-116	
Chrysene	3880	3350	86	9	30	45-114	
Benzo[k]fluoranthene	3880	3070	79	10	30	35-115	
Benzo[g,h,i]perylene	3880	2830	73	16	30	43-106	
Benzo[b]fluoranthene	3880	2440	63	14	30	33-96	
Benzo[a]pyrene	3880	3000	77	13	30	36-89	
Benzo[a]anthracene	3880	3110	80	15	30	46-112	
N-Nitrosodiphenylamine	3880	3420	88	2	30	49-106	
Butyl benzyl phthalate	3880	3450	89	17	30	49-117	
Bis(2-ethylhexyl) phthalate	3880	3490	90	9	30	49-119	
Di-n-octyl phthalate	3880	2880	74	15	30	40-106	
Indeno[1,2,3-cd]pyrene	3880	2510	65	9	30	43-109	
Dibenz(a,h)anthracene	3880	2870	74	12	30	43-107	
3,3'-Dichlorobenzidine	3880	3620	93	8	30	24-105	
1,2,4,5-Tetrachlorobenzene	3880	2330	60	20	30	70-130	F
2,3,4,6-Tetrachlorophenol	3880	2330	60	23	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31242.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7660	5870	77	8	30	54-115	
2-Chlorophenol	7660	5930	77	4	30	56-110	
2-Methylphenol	7660	6430	84	9	30	54-117	
4-Methylphenol	7660	6250	82	10	30	47-103	
Benzaldehyde	3830	4050	106	1	30	10-160	
Acetophenone	3830	3090	81	6	30	40-95	
Bis(2-chloroethyl)ether	3830	2860	75	3	30	44-101	
2,2'-oxybis[1-chloropropane]	3830	3100	81	3	30	45-102	
N-Nitrosodi-n-propylamine	3830	3260	85	3	30	42-107	
Nitrobenzene	3830	3230	84	0	30	42-106	
Hexachloroethane	3830	2470	64	0	30	45-90	
Isophorone	3830	3220	84	4	30	48-97	
2-Nitrophenol	7660	5930	77	1	30	55-101	
2,4-Dimethylphenol	7660	6180	81	5	30	56-112	
2,4-Dichlorophenol	7660	6120	80	8	30	58-115	
Bis(2-chloroethoxy)methane	3830	3200	84	4	30	51-100	
Naphthalene	3830	3080	80	2	30	53-94	
4-Chloroaniline	3830	2860	75	6	30	10-96	
Hexachlorobutadiene	3830	2720	71	1	30	45-98	
Caprolactam	3830	3330	87	14	30	10-127	
4-Chloro-3-methylphenol	7660	6990	91	12	30	55-117	
2-Methylnaphthalene	3830	3080	80	3	30	51-98	
Hexachlorobenzene	3830	3490	91	1	30	43-104	
Hexachlorocyclopentadiene	3830	2270	59	1	30	24-98	
2,4,6-Trichlorophenol	7660	5360	70	2	30	53-118	
2,4,5-Trichlorophenol	7660	5960	78	6	30	50-115	
Diphenyl	3830	3260	85	2	30	50-105	
2-Chloronaphthalene	3830	3160	83	1	30	51-102	
2-Nitroaniline	3830	3420	89	3	30	51-109	
2,6-Dinitrotoluene	3830	3510	92	6	30	51-115	
Dimethyl phthalate	3830	3470	91	5	30	52-112	
Acenaphthylene	3830	3210	84	1	30	51-103	
3-Nitroaniline	3830	3150	82	6	30	32-104	
Acenaphthene	3830	3300	86	1	30	46-100	
4-Nitrophenol	7660	6200	81	5	30	45-114	
2,4-Dinitrophenol	7660	220 U	0	NC	30	10-129	F
Dibenzofuran	3830	3340	87	3	30	52-106	
Diethyl phthalate	3830	3460	90	6	30	52-114	
Fluorene	3830	3470	91	4	30	51-108	
Fluoranthene	3830	3550	93	1	30	49-108	
Di-n-butyl phthalate	3830	3490	91	1	30	50-108	
2,4-Dinitrotoluene	3830	3450	90	7	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p31242.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3830	3460	90	4	30	50-106	
4-Nitroaniline	3830	3160	83	4	30	45-106	
4,6-Dinitro-2-methylphenol	7660	235 J	3	51	30	10-110	F
4-Bromophenyl phenyl ether	3830	3490	91	0	30	44-102	
Atrazine	3830	2660	69	5	30	30-100	
Anthracene	3830	3390	89	0	30	50-107	
Carbazole	3830	3520	92	0	30	49-104	
Phenanthrene	3830	3530	91	1	30	48-108	
Pentachlorophenol	7660	2660	35	24	30	19-113	
Pyrene	3830	3340	87	6	30	49-116	
Chrysene	3830	3440	90	2	30	45-114	
Benzo[k]fluoranthene	3830	3250	85	3	30	35-115	
Benzo[g,h,i]perylene	3830	3230	84	2	30	43-106	
Benzo[b]fluoranthene	3830	2970	78	4	30	33-96	
Benzo[a]pyrene	3830	3150	82	3	30	36-89	
Benzo[a]anthracene	3830	3310	86	0	30	46-112	
N-Nitrosodiphenylamine	3830	3660	96	2	30	49-106	
Butyl benzyl phthalate	3830	3330	87	4	30	49-117	
Bis(2-ethylhexyl) phthalate	3830	3340	87	5	30	49-119	
Di-n-octyl phthalate	3830	3050	80	6	30	40-106	
Indeno[1,2,3-cd]pyrene	3830	2930	77	5	30	43-109	
Dibenz(a,h)anthracene	3830	3260	85	2	30	43-107	
3,3'-Dichlorobenzidine	3830	3330	87	2	30	24-105	
1,2,4,5-Tetrachlorobenzene	3830	2840	74	4	30	70-130	
2,3,4,6-Tetrachlorophenol	3830	2060	54	1	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.: 460-41492-1

SDG No.:

Lab File ID: u77658.d Lab Sample ID: MB 460-116951/1-A

Matrix: Solid Date Extracted: 06/21/2012 10:40

Instrument ID: BNAMS4 Date Analyzed: 06/24/2012 03:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-116951/2-A	u77657.d	06/24/2012 02:53
SF-1	460-41492-1	u77659.d	06/24/2012 03:34
SF-8 MS	460-41492-8 MS	u77660.d	06/24/2012 03:54
SF-8 MSD	460-41492-8 MSD	u77661.d	06/24/2012 04:14
SF-2	460-41492-2	u77662.d	06/24/2012 04:34
SF-3	460-41492-3	u77663.d	06/24/2012 04:54
SF-4	460-41492-4	u77664.d	06/24/2012 05:14
SF-5	460-41492-5	u77665.d	06/24/2012 05:35
SF-6	460-41492-6	u77666.d	06/24/2012 05:55
SF-7	460-41492-7	u77667.d	06/24/2012 06:15
SF-8	460-41492-8	u77668.d	06/24/2012 06:35
SF-9	460-41492-9	u77669.d	06/24/2012 06:56
SF-10	460-41492-10	u77670.d	06/24/2012 07:16
SF-11	460-41492-11	u77671.d	06/24/2012 07:36
SF-12	460-41492-12	u77672.d	06/24/2012 07:56
SF-13	460-41492-13	u77673.d	06/24/2012 08:16
SF-14	460-41492-14	u77674.d	06/24/2012 08:37
FD-C	460-41492-15	u77675.d	06/24/2012 08:57
F-1	460-41492-16	u77676.d	06/24/2012 09:17
F-2	460-41492-17	u77677.d	06/24/2012 09:37
F-4	460-41492-19	u77678.d	06/24/2012 09:57
F-5	460-41492-20	u77679.d	06/24/2012 10:17
F-7	460-41492-22	u77680.d	06/24/2012 10:38

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: p31239.d Lab Sample ID: MB 460-116952/1-A

Matrix: Solid Date Extracted: 06/21/2012 10:41

Instrument ID: BNAMS10 Date Analyzed: 06/22/2012 03:30

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-116952/2-A	p31238.d	06/22/2012 03:02
F-6	460-41492-21	p31240.d	06/22/2012 03:58
F-6 MS	460-41492-21 MS	p31241.d	06/22/2012 04:26
F-6 MSD	460-41492-21 MSD	p31242.d	06/22/2012 04:54
FD-D	460-41492-23	p31243.d	06/22/2012 05:22

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: p30760.d DFTPP Injection Date: 06/06/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 11:51

Analysis Batch No.: 115225

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.0	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	47.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.2	
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	6.8	
275	10.0 - 30.0 % of mass 198	26.3	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	11.0	(73.9)1
442	Greater than 40.0 % of mass 198	78.7	
443	17.0 - 23.0 % of mass 442	14.9	(19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-115225/2	p30761.d	06/06/2012	12:19
	IC 460-115225/3	p30762.d	06/06/2012	12:49
	IC 460-115225/4	p30763.d	06/06/2012	13:17
	IC 460-115225/5	p30764.d	06/06/2012	13:45
	IC 460-115225/6	p30765.d	06/06/2012	14:13
	IC 460-115225/7	p30766.d	06/06/2012	14:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: p31236.d DFTPP Injection Date: 06/22/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 02:03

Analysis Batch No.: 117164

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	52.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.0	
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	6.9	
275	10.0 - 30.0 % of mass 198	27.0	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	11.3	(74.7)1
442	Greater than 40.0 % of mass 198	78.5	
443	17.0 - 23.0 % of mass 442	15.1	(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 460-117164/2	p31237.d	06/22/2012	02:27
	LCS 460-116952/2-A	p31238.d	06/22/2012	03:02
	MB 460-116952/1-A	p31239.d	06/22/2012	03:30
F-6	460-41492-21	p31240.d	06/22/2012	03:58
F-6 MS	460-41492-21 MS	p31241.d	06/22/2012	04:26
F-6 MSD	460-41492-21 MSD	p31242.d	06/22/2012	04:54
FD-D	460-41492-23	p31243.d	06/22/2012	05:22

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: u77565.d DFTPP Injection Date: 06/20/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 15:28

Analysis Batch No.: 116906

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	70.6	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	48.0	
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	7.3	
275	10.0 - 30.0 % of mass 198	20.6	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	9.2	(76.7)1
442	Greater than 40.0 % of mass 198	59.0	
443	17.0 - 23.0 % of mass 442	12.0	(20.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-116906/2	u77566.d	06/20/2012	15:47
	IC 460-116906/3	u77567.d	06/20/2012	16:22
	IC 460-116906/4	u77568.d	06/20/2012	16:42
	IC 460-116906/5	u77569.d	06/20/2012	17:03
	IC 460-116906/6	u77570.d	06/20/2012	17:23
	IC 460-116906/7	u77571.d	06/20/2012	17:43

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: u77655.d DFTPP Injection Date: 06/24/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 01:44

Analysis Batch No.: 117392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.0	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	51.4	
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	6.9	
275	10.0 - 30.0 % of mass 198	19.8	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	7.7	(75.8)1
442	Greater than 40.0 % of mass 198	50.4	
443	17.0 - 23.0 % of mass 442	10.2	(20.2)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 460-117392/2	u77656.d	06/24/2012	02:11
	LCS 460-116951/2-A	u77657.d	06/24/2012	02:53
	MB 460-116951/1-A	u77658.d	06/24/2012	03:13
SF-1	460-41492-1	u77659.d	06/24/2012	03:34
SF-8 MS	460-41492-8 MS	u77660.d	06/24/2012	03:54
SF-8 MSD	460-41492-8 MSD	u77661.d	06/24/2012	04:14
SF-2	460-41492-2	u77662.d	06/24/2012	04:34
SF-3	460-41492-3	u77663.d	06/24/2012	04:54
SF-4	460-41492-4	u77664.d	06/24/2012	05:14
SF-5	460-41492-5	u77665.d	06/24/2012	05:35
SF-6	460-41492-6	u77666.d	06/24/2012	05:55
SF-7	460-41492-7	u77667.d	06/24/2012	06:15
SF-8	460-41492-8	u77668.d	06/24/2012	06:35
SF-9	460-41492-9	u77669.d	06/24/2012	06:56
SF-10	460-41492-10	u77670.d	06/24/2012	07:16
SF-11	460-41492-11	u77671.d	06/24/2012	07:36
SF-12	460-41492-12	u77672.d	06/24/2012	07:56
SF-13	460-41492-13	u77673.d	06/24/2012	08:16
SF-14	460-41492-14	u77674.d	06/24/2012	08:37
FD-C	460-41492-15	u77675.d	06/24/2012	08:57
F-1	460-41492-16	u77676.d	06/24/2012	09:17
F-2	460-41492-17	u77677.d	06/24/2012	09:37
F-4	460-41492-19	u77678.d	06/24/2012	09:57
F-5	460-41492-20	u77679.d	06/24/2012	10:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab File ID: u77655.d DFTPP Injection Date: 06/24/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 01:44

Analysis Batch No.: 117392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.0	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	51.4	
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	6.9	
275	10.0 - 30.0 % of mass 198	19.8	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	7.7	(75.8)1
442	Greater than 40.0 % of mass 198	50.4	
443	17.0 - 23.0 % of mass 442	10.2	(20.2)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
F-7	460-41492-22	u77680.d	06/24/2012	10:38

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117164/2 Date Analyzed: 06/22/2012 02:27

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p31237.d Heated Purge: (Y/N) N

Calibration ID: 15916

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		906370	3.97	2792706	5.36	1312747	7.16
UPPER LIMIT		1812740	4.47	5585412	5.86	2625494	7.66
LOWER LIMIT		453185	3.47	1396353	4.86	656374	6.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-116952/2-A		884042	3.97	2654091	5.36	1300437	7.16
MB 460-116952/1-A		913893	3.97	2920332	5.35	1543035	7.16
460-41492-21	F-6	949926	3.97	3037224	5.35	1576375	7.16
460-41492-21 MS	F-6 MS	811323	3.97	2440553	5.36	1188181	7.16
460-41492-21 MSD	F-6 MSD	816143	3.97	2569368	5.36	1339487	7.16
460-41492-23	FD-D	949616	3.97	3026973	5.35	1604102	7.16

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.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117164/2 Date Analyzed: 06/22/2012 02:27

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p31237.d Heated Purge: (Y/N) N

Calibration ID: 15916

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1506895	8.63	765064	11.26	525945	12.99
UPPER LIMIT		3013790	9.13	1530128	11.76	1051890	13.49
LOWER LIMIT		753448	8.13	382532	10.76	262973	12.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-116952/2-A		1521438	8.62	931730	11.26	840451	12.99
MB 460-116952/1-A		1805836	8.62	894101	11.25	802295	12.98
460-41492-21	F-6	1879090	8.62	990909	11.25	866902	12.99
460-41492-21 MS	F-6 MS	1375665	8.62	871844	11.25	759412	12.99
460-41492-21 MSD	F-6 MSD	1629360	8.62	950200	11.25	772036	12.99
460-41492-23	FD-D	1913483	8.62	951738	11.25	810985	12.99

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.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117392/2 Date Analyzed: 06/24/2012 02:11

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u77656.d Heated Purge: (Y/N) N

Calibration ID: 16112

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		88997	3.78	329994	5.08	219670	6.84
UPPER LIMIT		177994	4.28	659988	5.58	439340	7.34
LOWER LIMIT		44499	3.28	164997	4.58	109835	6.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-116951/2-A		101702	3.78	395815	5.08	265255	6.84
MB 460-116951/1-A		64969	3.77	247428	5.08	167989	6.84
460-41492-1	SF-1	97836	3.77	369588	5.08	252268	6.84
460-41492-8 MS	SF-8 MS	83110	3.78	319330	5.08	221971	6.84
460-41492-8 MSD	SF-8 MSD	85393	3.77	331100	5.08	230511	6.84
460-41492-2	SF-2	84016	3.77	313670	5.07	220052	6.84
460-41492-3	SF-3	83984	3.77	314425	5.08	238378	6.84
460-41492-4	SF-4	81374	3.77	311383	5.07	217589	6.84
460-41492-5	SF-5	78113	3.77	287671	5.08	213444	6.84
460-41492-6	SF-6	84459	3.77	306945	5.07	223593	6.84
460-41492-7	SF-7	81969	3.77	300496	5.08	220740	6.84
460-41492-8	SF-8	80613	3.77	331712	5.07	241106	6.84
460-41492-9	SF-9	91325	3.77	332345	5.07	230803	6.84
460-41492-10	SF-10	88081	3.77	352683	5.07	232581	6.84
460-41492-11	SF-11	84807	3.77	314050	5.07	214635	6.84
460-41492-12	SF-12	84457	3.77	321090	5.07	220548	6.84
460-41492-13	SF-13	87968	3.77	320307	5.07	229928	6.84
460-41492-14	SF-14	92016	3.77	365649	5.07	241867	6.84
460-41492-15	FD-C	77899	3.77	284117	5.07	205167	6.84
460-41492-16	F-1	78171	3.77	297370	5.08	224702	6.84
460-41492-17	F-2	84066	3.77	307721	5.07	234148	6.83
460-41492-19	F-4	86597	3.77	341606	5.07	238800	6.84
460-41492-20	F-5	93706	3.77	371162	5.08	259394	6.84
460-41492-22	F-7	90302	3.77	360165	5.07	249404	6.84

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.: 460-41492-1

SDG No.:

Sample No.: CCVIS 460-117392/2 Date Analyzed: 06/24/2012 02:11

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u77656.d Heated Purge: (Y/N) N

Calibration ID: 16112

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		381236	8.31	328999	10.97	238599	12.74
UPPER LIMIT		762472	8.81	657998	11.47	477198	13.24
LOWER LIMIT		190618	7.81	164500	10.47	119300	12.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-116951/2-A		459605	8.31	375690	10.97	333495	12.76
MB 460-116951/1-A		329474	8.30	295847	10.96	273436	12.74
460-41492-1	SF-1	429678	8.30	351290	10.96	308166	12.74
460-41492-8 MS	SF-8 MS	409242	8.31	295678	10.97	217920	12.74
460-41492-8 MSD	SF-8 MSD	405540	8.31	323343	10.97	256469	12.75
460-41492-2	SF-2	398638	8.30	360192	10.96	326522	12.74
460-41492-3	SF-3	419722	8.30	314276	10.96	264376	12.74
460-41492-4	SF-4	394213	8.30	312476	10.96	245745	12.74
460-41492-5	SF-5	375795	8.30	340076	10.96	273853	12.74
460-41492-6	SF-6	448111	8.30	307774	10.95	246013	12.74
460-41492-7	SF-7	398755	8.30	326495	10.96	286531	12.74
460-41492-8	SF-8	416559	8.30	349437	10.96	274837	12.74
460-41492-9	SF-9	412732	8.30	313739	10.95	253841	12.74
460-41492-10	SF-10	435421	8.30	331579	10.96	259658	12.74
460-41492-11	SF-11	414273	8.30	307357	10.96	262662	12.74
460-41492-12	SF-12	424864	8.30	314409	10.95	251063	12.74
460-41492-13	SF-13	404692	8.30	317805	10.95	250130	12.74
460-41492-14	SF-14	452686	8.30	335003	10.96	258965	12.73
460-41492-15	FD-C	372771	8.30	260205	10.96	216861	12.73
460-41492-16	F-1	383559	8.30	284757	10.96	242451	12.74
460-41492-17	F-2	404733	8.30	297186	10.96	226608	12.74
460-41492-19	F-4	424535	8.30	300301	10.96	234332	12.74
460-41492-20	F-5	432917	8.30	322698	10.96	268149	12.74
460-41492-22	F-7	431020	8.30	342496	10.95	249383	12.73

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.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: u77659.d

Analysis Method: 8270C | Date Collected: 06/18/2012 09:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	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	49	U	380	49
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: u77659.d

Analysis Method: 8270C | Date Collected: 06/18/2012 09:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	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	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: u77659.d

Analysis Method: 8270C | Date Collected: 06/18/2012 09:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	55		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	60		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: u77659.d

Analysis Method: 8270C | Date Collected: 06/18/2012 09:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77659.d
Report Date: 25-Jun-2012 17:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77659.d
Lab Smp Id: 460-41492-D-1-F Client Smp ID: SF-1
Inj Date : 24-JUN-2012 03:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-1-F
Misc Info : 460-41492-D-1-F
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	14.07035	% 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	2.516	2.499	(0.667)	257049	77.7240	6000
$ 17 Phenol-d5 (SUR)	99	3.436	3.448	(0.910)	432932	88.6655	6900
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	97836	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.342	4.358	(0.855)	155817	27.3324	2100
* 80 Naphthalene-d8	136	5.079	5.082	(1.000)	369588	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.178	6.188	(0.903)	239480	29.9311	2300
* 82 Acenaphthene-d10	164	6.841	6.842	(1.000)	252268	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	86700	55.4186	4300
* 83 Phenanthrene-d10	188	8.300	8.306	(1.000)	429678	40.0000	
52 Phenanthrene	178	8.321	8.329	(1.003)	7053	0.58781	46(a)
$ 78 Terphenyl-d14	244	9.879	9.881	(0.902)	406409	46.1525	3600
* 81 Chrysene-d12	240	10.956	10.970	(1.000)	351290	40.0000	
* 84 Perylene-d12	264	12.745	12.744	(1.000)	308166	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77659.d
Report Date: 25-Jun-2012 17:25

QC Flag Legend

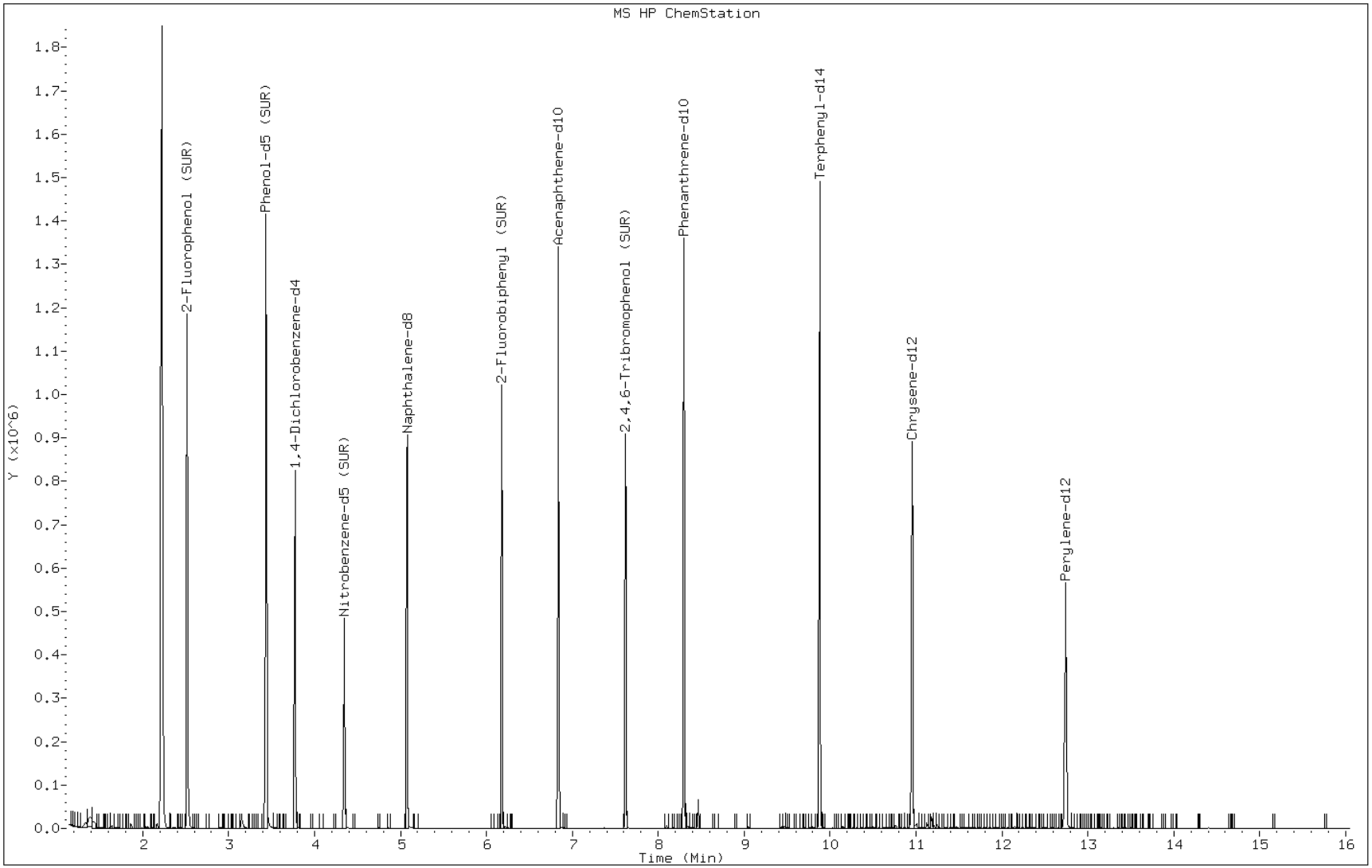
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77659.d

Date: 24-JUN-2012 03:34

Client ID: SF-1 Instrument: BNAMS4.i

Sample Info: 460-41492-D-1-F Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: u77662.d

Analysis Method: 8270C | Date Collected: 06/18/2012 10:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	54	U	360	54
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: u77662.d

Analysis Method: 8270C | Date Collected: 06/18/2012 10:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	360	43
84-66-2	Diethyl phthalate	44	U	360	44
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	100	U	1100	100
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	47	U	360	47
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	2.6	U	36	2.6
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	48	U	360	48
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: u77662.d

Analysis Method: 8270C | Date Collected: 06/18/2012 10:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	86		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: u77662.d

Analysis Method: 8270C | Date Collected: 06/18/2012 10:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77662.d
Report Date: 28-Jun-2012 08:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77662.d
Lab Smp Id: 460-41492-D-2-D Client Smp ID: SF-2
Inj Date : 24-JUN-2012 04:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-2-D
Misc Info : 460-41492-D-2-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.01000	Weight of sample extracted (g)
M	9.59410	% 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	2.518	2.499	(0.667)	242987	85.5577	6300
$ 17 Phenol-d5 (SUR)	99	3.437	3.448	(0.911)	380784	90.8135	6700
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	84016	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.346	4.358	(0.857)	158901	32.8424	2400
* 80 Naphthalene-d8	136	5.072	5.082	(1.000)	313670	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.188	(0.903)	235482	33.7402	2500
* 82 Acenaphthene-d10	164	6.841	6.842	(1.000)	220052	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.626	7.629	(1.115)	85319	62.5200	4600
* 83 Phenanthrene-d10	188	8.301	8.306	(1.000)	398638	40.0000	
52 Phenanthrene	178	8.316	8.329	(1.002)	5037	0.45248	33(a)
$ 78 Terphenyl-d14	244	9.878	9.881	(0.901)	393352	43.5657	3200
* 81 Chrysene-d12	240	10.958	10.970	(1.000)	360192	40.0000	
* 84 Perylene-d12	264	12.740	12.744	(1.000)	326522	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77662.d
Report Date: 28-Jun-2012 08:53

QC Flag Legend

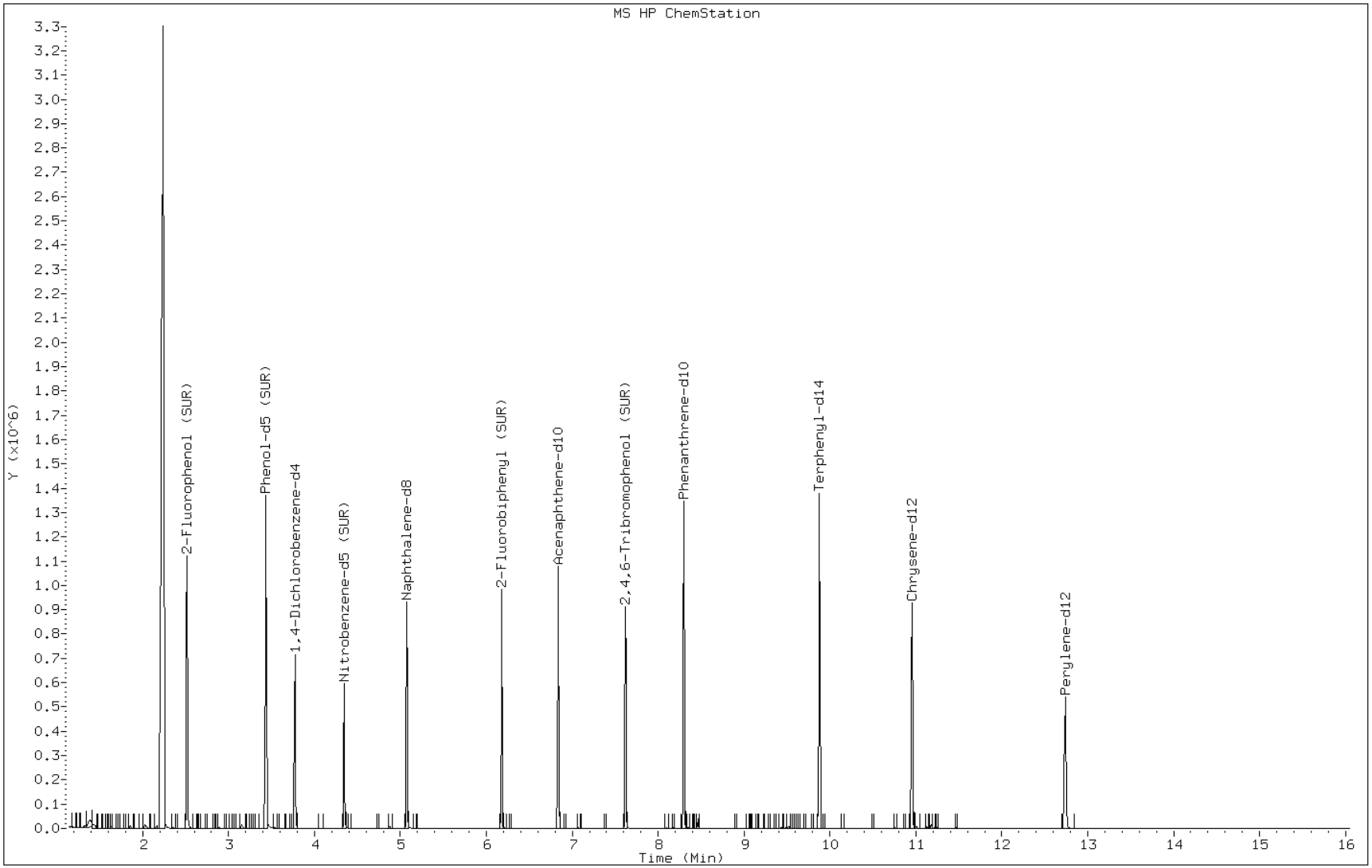
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77662.d

Date: 24-JUN-2012 04:34

Client ID: SF-2 Instrument: BNAMS4.i

Sample Info: 460-41492-D-2-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: u77663.d

Analysis Method: 8270C | Date Collected: 06/18/2012 12:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
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	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
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	9.3	U	77	9.3
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	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	12	U	77	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	770	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: u77663.d

Analysis Method: 8270C | Date Collected: 06/18/2012 12:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	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	46	U	380	46
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	24	U	380	24
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	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	380	51
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: u77663.d

Analysis Method: 8270C | Date Collected: 06/18/2012 12:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	95		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.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: u77663.d

Analysis Method: 8270C | Date Collected: 06/18/2012 12:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77663.d
Report Date: 28-Jun-2012 08:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77663.d
Lab Smp Id: 460-41492-D-3-D Client Smp ID: SF-3
Inj Date : 24-JUN-2012 04:54
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-3-D
Misc Info : 460-41492-D-3-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.01000	Weight of sample extracted (g)
M	13.52740	% 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	2.516	2.499	(0.667)	270288	95.2069	7300
$ 17 Phenol-d5 (SUR)	99	3.441	3.448	(0.913)	408691	97.5062	7500
* 79 1,4-Dichlorobenzene-d4	152	3.771	3.778	(1.000)	83984	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.348	4.358	(0.856)	186785	38.5129	3000
* 80 Naphthalene-d8	136	5.078	5.082	(1.000)	314425	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.177	6.188	(0.903)	275350	36.4195	2800
* 82 Acenaphthene-d10	164	6.838	6.842	(1.000)	238378	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.622	7.629	(1.115)	96232	65.0956	5000
* 83 Phenanthrene-d10	188	8.304	8.306	(1.000)	419722	40.0000	
52 Phenanthrene	178	8.318	8.329	(1.002)	6994	0.59672	46(a)
$ 78 Terphenyl-d14	244	9.880	9.881	(0.902)	353717	44.8996	3400
* 81 Chrysene-d12	240	10.958	10.970	(1.000)	314276	40.0000	
* 84 Perylene-d12	264	12.743	12.744	(1.000)	264376	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77663.d
Report Date: 28-Jun-2012 08:54

QC Flag Legend

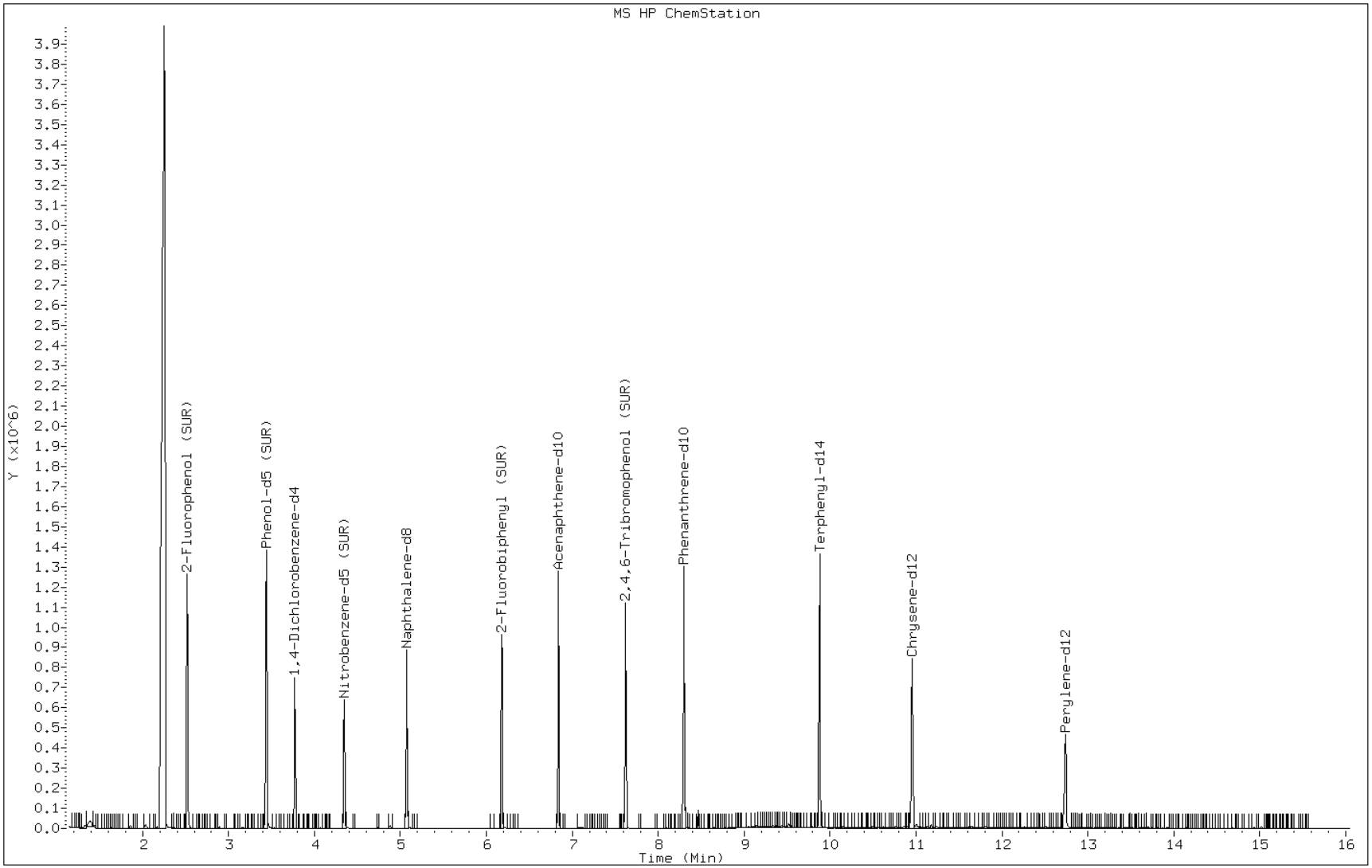
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77663.d

Date: 24-JUN-2012 04:54

Client ID: SF-3 Instrument: BNAMS4.i

Sample Info: 460-41492-D-3-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: u77664.d

Analysis Method: 8270C | Date Collected: 06/18/2012 13:10

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	4.1	U	37	4.1
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: u77664.d

Analysis Method: 8270C | Date Collected: 06/18/2012 13:10

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	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	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	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: u77664.d

Analysis Method: 8270C | Date Collected: 06/18/2012 13:10

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	95		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	90		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.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: u77664.d

Analysis Method: 8270C | Date Collected: 06/18/2012 13:10

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77664.d
Report Date: 28-Jun-2012 08:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77664.d
Lab Smp Id: 460-41492-D-4-D Client Smp ID: SF-4
Inj Date : 24-JUN-2012 05:14
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-4-D
Misc Info : 460-41492-D-4-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	11.26214	% 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	2.518	2.499	(0.668)	248516	90.3455	6800
$ 17 Phenol-d5 (SUR)	99	3.442	3.448	(0.913)	385457	94.9126	7100
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	81374	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.358	(0.857)	166407	34.6463	2600
* 80 Naphthalene-d8	136	5.071	5.082	(1.000)	311383	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.182	6.188	(0.904)	264809	38.3717	2900
* 82 Acenaphthene-d10	164	6.838	6.842	(1.000)	217589	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	105255	78.0017	5900
* 83 Phenanthrene-d10	188	8.300	8.306	(1.000)	394213	40.0000	
52 Phenanthrene	178	8.323	8.329	(1.003)	4337	0.39397	30(a)
$ 78 Terphenyl-d14	244	9.877	9.881	(0.902)	350961	44.8064	3400
* 81 Chrysene-d12	240	10.956	10.970	(1.000)	312476	40.0000	
* 84 Perylene-d12	264	12.742	12.744	(1.000)	245745	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77664.d
Report Date: 28-Jun-2012 08:54

QC Flag Legend

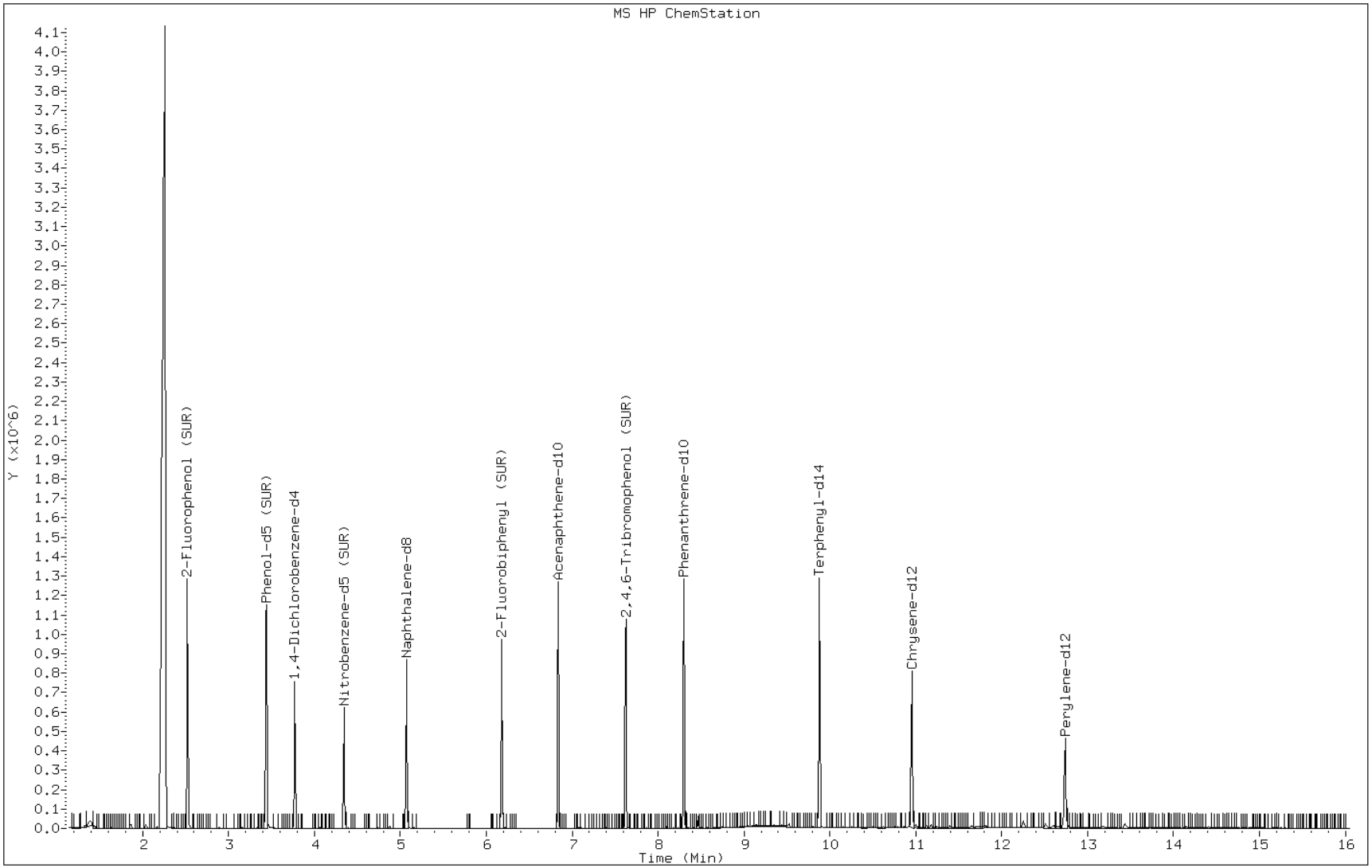
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77664.d

Date: 24-JUN-2012 05:14

Client ID: SF-4 Instrument: BNAMS4.i

Sample Info: 460-41492-D-4-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: u77665.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	46	U	390	46
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	6.5	U	39	6.5
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	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	9.4	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	46	U	390	46
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: u77665.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	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	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: u77665.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	89		37-125
321-60-8	2-Fluorobiphenyl	62		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 Lab Sample ID: 460-41492-5

Matrix: Solid Lab File ID: u77665.d

Analysis Method: 8270C Date Collected: 06/18/2012 14:25

Extract. Method: 3541 Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) Date Analyzed: 06/24/2012 05:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 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/06-20-12/24jun12a.b/u77665.d
Report Date: 28-Jun-2012 08:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77665.d
Lab Smp Id: 460-41492-D-5-D Client Smp ID: SF-5
Inj Date : 24-JUN-2012 05:35
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-5-D
Misc Info : 460-41492-D-5-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.05000	Weight of sample extracted (g)
M	14.86486	% 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	2.516	2.499	(0.667)	235732	89.2757	7000
$ 17 Phenol-d5 (SUR)	99	3.439	3.448	(0.912)	382546	98.1283	7600
* 79 1,4-Dichlorobenzene-d4	152	3.771	3.778	(1.000)	78113	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.344	4.358	(0.855)	146615	33.0418	2600
* 80 Naphthalene-d8	136	5.078	5.082	(1.000)	287671	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.188	(0.904)	210994	31.1675	2400
* 82 Acenaphthene-d10	164	6.836	6.842	(1.000)	213444	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.622	7.629	(1.115)	100912	76.2355	5900
* 83 Phenanthrene-d10	188	8.301	8.306	(1.000)	375795	40.0000	
52 Phenanthrene	178	8.323	8.329	(1.003)	5005	0.47693	37(a)
$ 78 Terphenyl-d14	244	9.881	9.881	(0.902)	336296	39.4497	3100
* 81 Chrysene-d12	240	10.957	10.970	(1.000)	340076	40.0000	
* 84 Perylene-d12	264	12.744	12.744	(1.000)	273853	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77665.d
Report Date: 28-Jun-2012 08:54

QC Flag Legend

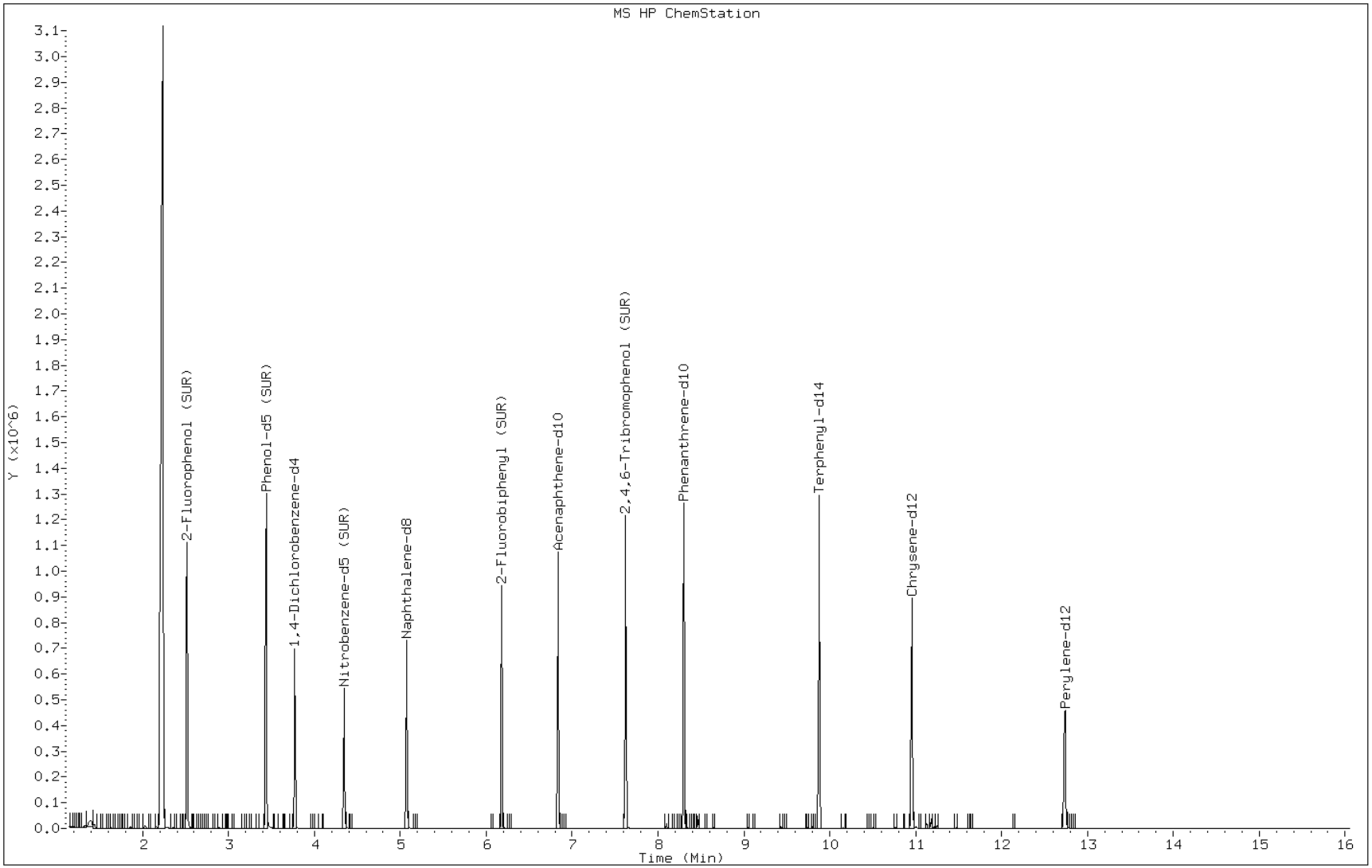
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77665.d

Date: 24-JUN-2012 05:35

Client ID: SF-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-5-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: u77666.d

Analysis Method: 8270C | Date Collected: 06/18/2012 19:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	81	U	410	81
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	4.6	U	41	4.6
78-59-1	Isophorone	50	U	410	50
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	53	U	410	53
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	49	U	410	49
208-96-8	Acenaphthylene	48	U	410	48
99-09-2	3-Nitroaniline	140	U	830	140
83-32-9	Acenaphthene	60	U	410	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: u77666.d

Analysis Method: 8270C | Date Collected: 06/18/2012 19:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	55	U	410	55
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	41	U	410	41
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	2.9	U	41	2.9
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	5.2	U	41	5.2
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: u77666.d

Analysis Method: 8270C | Date Collected: 06/18/2012 19:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: u77666.d

Analysis Method: 8270C | Date Collected: 06/18/2012 19:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 05:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77666.d
Report Date: 25-Jun-2012 17:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77666.d
Lab Smp Id: 460-41492-D-6-D Client Smp ID: SF-6
Inj Date : 24-JUN-2012 05:55
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-6-D
Misc Info : 460-41492-D-6-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	19.18295	% 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	2.514	2.499	(0.667)	236172	82.7219	6800
$ 17 Phenol-d5 (SUR)	99	3.440	3.448	(0.912)	412946	97.9673	8100
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	84459	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.358	(0.856)	164030	34.6452	2800
* 80 Naphthalene-d8	136	5.075	5.082	(1.000)	306945	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.188	(0.904)	244931	34.5383	2800
* 82 Acenaphthene-d10	164	6.841	6.842	(1.000)	223593	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.626	7.629	(1.115)	100943	72.7975	6000
* 83 Phenanthrene-d10	188	8.303	8.306	(1.000)	448111	40.0000	
52 Phenanthrene	178	8.317	8.329	(1.002)	6626	0.52951	44(a)
$ 78 Terphenyl-d14	244	9.882	9.881	(0.902)	370109	47.9728	4000
* 81 Chrysene-d12	240	10.953	10.970	(1.000)	307774	40.0000	
* 84 Perylene-d12	264	12.740	12.744	(1.000)	246013	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77666.d
Report Date: 25-Jun-2012 17:33

QC Flag Legend

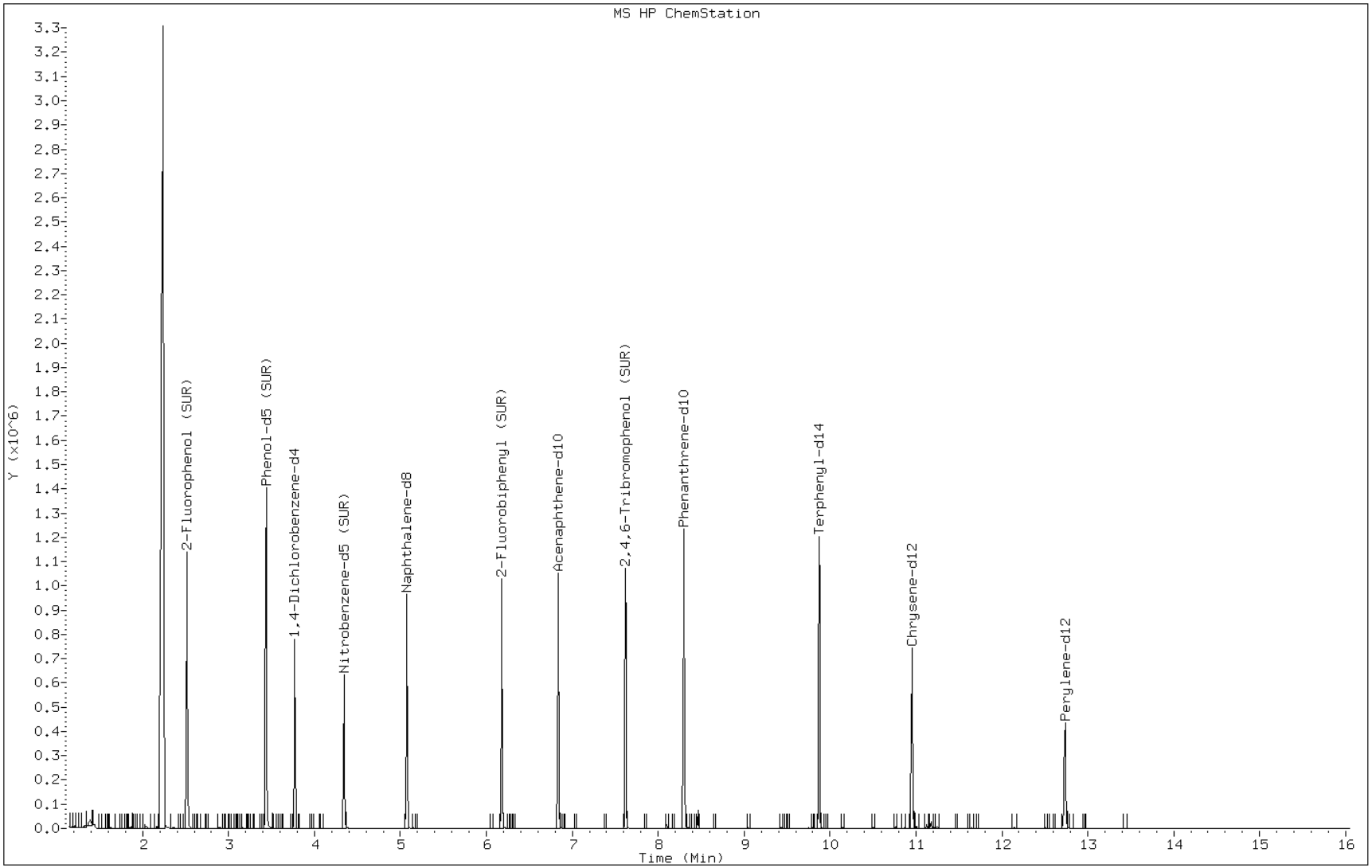
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77666.d

Date: 24-JUN-2012 05:55

Client ID: SF-6 Instrument: BNAMS4.i

Sample Info: 460-41492-D-6-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: u77667.d

Analysis Method: 8270C | Date Collected: 06/19/2012 08:50

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 06:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	53	U	400	53
95-48-7	2-Methylphenol	69	U	400	69
106-44-5	4-Methylphenol	79	U	400	79
100-52-7	Benzaldehyde	47	U	400	47
98-86-2	Acetophenone	62	U	400	62
111-44-4	Bis(2-chloroethyl)ether	5.5	U	40	5.5
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	400	45
621-64-7	N-Nitrosodi-n-propylamine	6.7	U	40	6.7
98-95-3	Nitrobenzene	5.7	U	40	5.7
67-72-1	Hexachloroethane	4.5	U	40	4.5
78-59-1	Isophorone	49	U	400	49
88-75-5	2-Nitrophenol	45	U	400	45
105-67-9	2,4-Dimethylphenol	99	U	400	99
120-83-2	2,4-Dichlorophenol	59	U	400	59
111-91-1	Bis(2-chloroethoxy)methane	52	U	400	52
91-20-3	Naphthalene	47	U	400	47
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.8	U	82	9.8
105-60-2	Caprolactam	93	U	400	93
59-50-7	4-Chloro-3-methylphenol	61	U	400	61
91-57-6	2-Methylnaphthalene	52	U	400	52
118-74-1	Hexachlorobenzene	5.5	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	47	U	400	47
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	52	U	400	52
92-52-4	Diphenyl	54	U	400	54
91-58-7	2-Chloronaphthalene	45	U	400	45
88-74-4	2-Nitroaniline	170	U	820	170
606-20-2	2,6-Dinitrotoluene	12	U	82	12
131-11-3	Dimethyl phthalate	48	U	400	48
208-96-8	Acenaphthylene	48	U	400	48
99-09-2	3-Nitroaniline	140	U	820	140
83-32-9	Acenaphthene	59	U	400	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: u77667.d

Analysis Method: 8270C | Date Collected: 06/19/2012 08:50

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 06:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	47	U	400	47
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	51	U	400	51
206-44-0	Fluoranthene	54	U	400	54
84-74-2	Di-n-butyl phthalate	50	U	400	50
121-14-2	2,4-Dinitrotoluene	13	U	82	13
7005-72-3	4-Chlorophenyl phenyl ether	47	U	400	47
100-01-6	4-Nitroaniline	130	U	820	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	62	U	400	62
120-12-7	Anthracene	49	U	400	49
86-74-8	Carbazole	48	U	400	48
85-01-8	Phenanthrene	51	U	400	51
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	34	U	400	34
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.1	U	40	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.5	U	40	2.5
50-32-8	Benzo[a]pyrene	2.8	U	40	2.8
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	400	40
85-68-7	Butyl benzyl phthalate	37	U	400	37
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	26	U	400	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.5	U	40	7.5
53-70-3	Dibenz(a,h)anthracene	5.1	U	40	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	820	140
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U *	400	54
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	400	52
123-91-1	1,4-Dioxane	29	U	400	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: u77667.d

Analysis Method: 8270C | Date Collected: 06/19/2012 08:50

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 06:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	95		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: u77667.d

Analysis Method: 8270C | Date Collected: 06/19/2012 08:50

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 06:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77667.d
Report Date: 25-Jun-2012 17:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77667.d
Lab Smp Id: 460-41492-D-7-D Client Smp ID: SF-7
Inj Date : 24-JUN-2012 06:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-7-D
Misc Info : 460-41492-D-7-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	17.82946	% 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	2.514	2.499	(0.666)	230082	83.0369	6700
$ 17 Phenol-d5 (SUR)	99	3.437	3.448	(0.911)	388866	95.0570	7700
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	81969	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.342	4.358	(0.855)	157720	34.0274	2800
* 80 Naphthalene-d8	136	5.078	5.082	(1.000)	300496	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.177	6.188	(0.903)	225407	32.1960	2600
* 82 Acenaphthene-d10	164	6.838	6.842	(1.000)	220740	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.624	7.629	(1.115)	95965	70.1020	5700
* 83 Phenanthrene-d10	188	8.298	8.306	(1.000)	398755	40.0000	
52 Phenanthrene	178	8.320	8.329	(1.003)	6336	0.56900	46(a)
$ 78 Terphenyl-d14	244	9.880	9.881	(0.902)	378818	46.2862	3800
* 81 Chrysene-d12	240	10.958	10.970	(1.000)	326495	40.0000	
* 84 Perylene-d12	264	12.743	12.744	(1.000)	286531	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77667.d
Report Date: 25-Jun-2012 17:34

QC Flag Legend

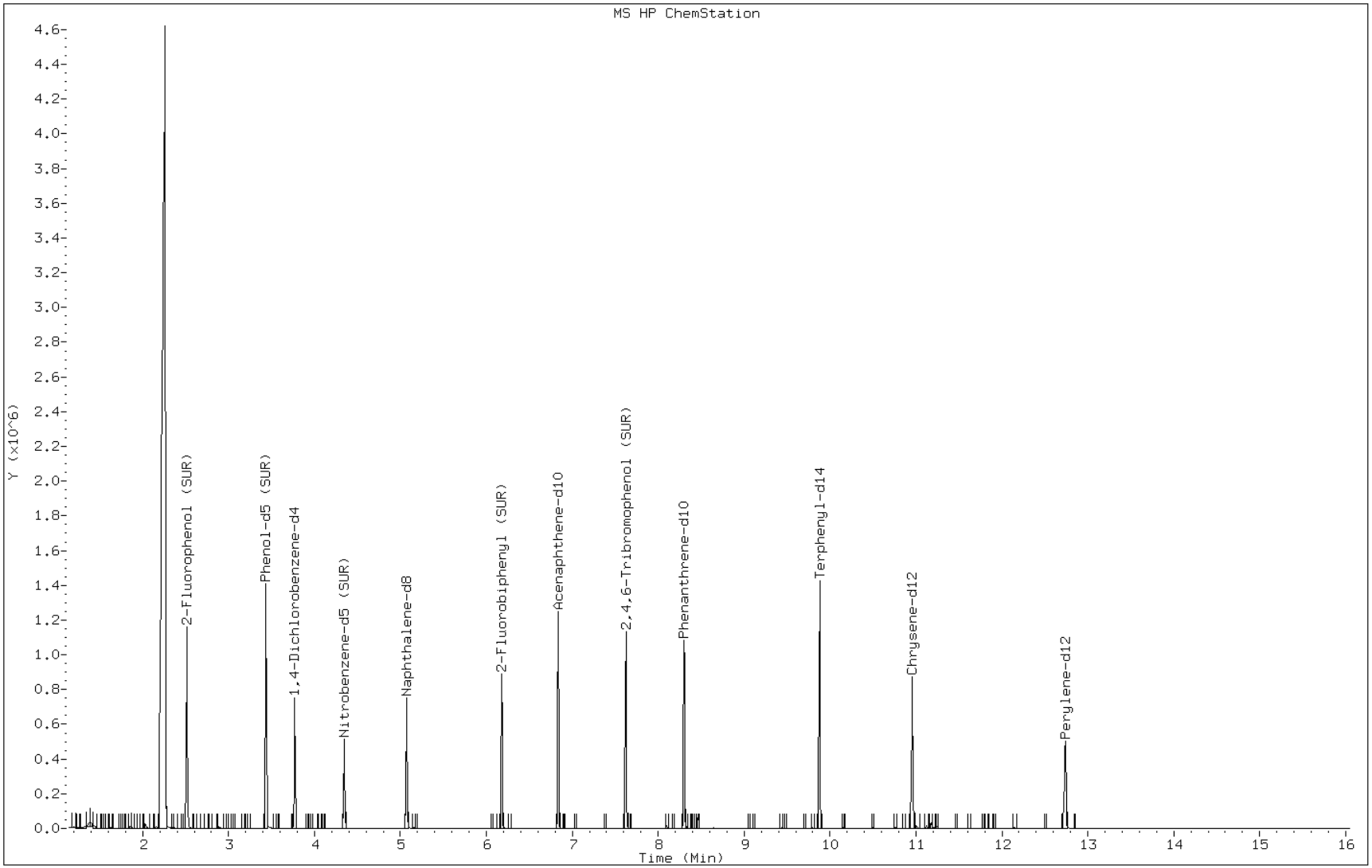
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77667.d

Date: 24-JUN-2012 06:15

Client ID: SF-7 Instrument: BNAMS4.i

Sample Info: 460-41492-D-7-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: u77668.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 06:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: u77668.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 06:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	110	U	1200	110
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	120	U	1200	120
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: u77668.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 06:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	95		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.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: u77668.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 06:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77668.d
Report Date: 26-Jun-2012 17:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77668.d
Lab Smp Id: 460-41492-D-8-L Client Smp ID: SF-8
Inj Date : 24-JUN-2012 06:35
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-8-L
Misc Info : 460-41492-D-8-L
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.03000	Weight of sample extracted (g)
M	14.36364	% 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	2.507	2.499	(0.665)	258119	94.7224	7400
$ 17 Phenol-d5 (SUR)	99	3.440	3.448	(0.912)	394877	98.1500	7600
* 79 1,4-Dichlorobenzene-d4	152	3.771	3.778	(1.000)	80613	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.344	4.358	(0.856)	170705	33.3631	2600
* 80 Naphthalene-d8	136	5.075	5.082	(1.000)	331712	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.188	(0.903)	239964	31.3801	2400
* 82 Acenaphthene-d10	164	6.840	6.842	(1.000)	241106	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	101953	68.1852	5300
* 83 Phenanthrene-d10	188	8.302	8.306	(1.000)	416559	40.0000	
52 Phenanthrene	178	8.323	8.329	(1.003)	5587	0.48029	37(a)
$ 78 Terphenyl-d14	244	9.879	9.881	(0.901)	391391	44.6827	3500
* 81 Chrysene-d12	240	10.959	10.970	(1.000)	349437	40.0000	
* 84 Perylene-d12	264	12.736	12.744	(1.000)	274837	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77668.d
Report Date: 26-Jun-2012 17:49

QC Flag Legend

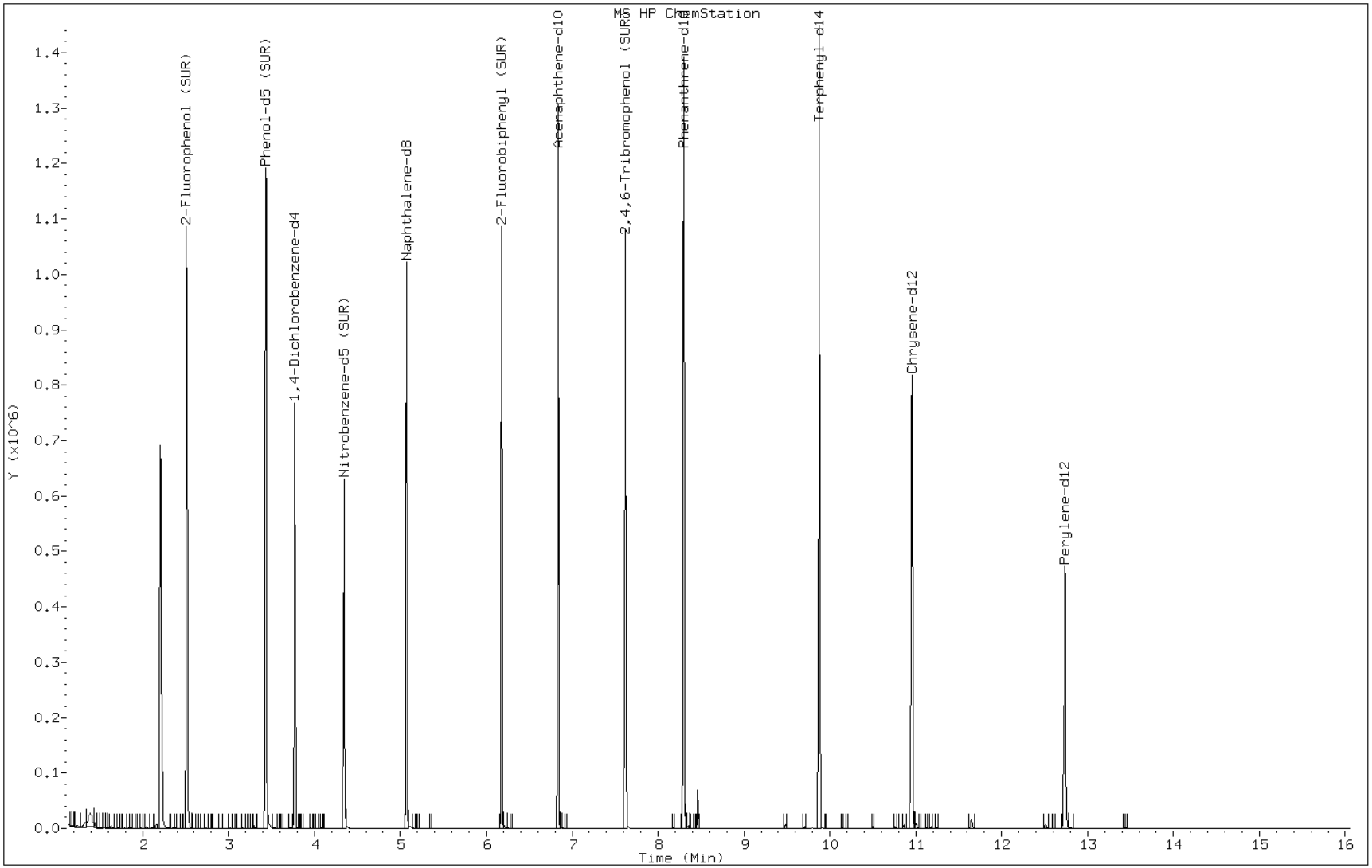
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77668.d

Date: 24-JUN-2012 06:35

Client ID: SF-8 Instrument: BNAMS4.i

Sample Info: 460-41492-D-8-L Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: u77669.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	56	U	420	56
95-57-8	2-Chlorophenol	55	U	420	55
95-48-7	2-Methylphenol	71	U	420	71
106-44-5	4-Methylphenol	82	U	420	82
100-52-7	Benzaldehyde	49	U	420	49
98-86-2	Acetophenone	64	U	420	64
111-44-4	Bis(2-chloroethyl)ether	5.7	U	42	5.7
108-60-1	2,2'-oxybis[1-chloropropane]	46	U	420	46
621-64-7	N-Nitrosodi-n-propylamine	7.0	U	42	7.0
98-95-3	Nitrobenzene	5.9	U	42	5.9
67-72-1	Hexachloroethane	4.7	U	42	4.7
78-59-1	Isophorone	51	U	420	51
88-75-5	2-Nitrophenol	47	U	420	47
105-67-9	2,4-Dimethylphenol	100	U	420	100
120-83-2	2,4-Dichlorophenol	61	U	420	61
111-91-1	Bis(2-chloroethoxy)methane	54	U	420	54
91-20-3	Naphthalene	48	U	420	48
106-47-8	4-Chloroaniline	110	U	420	110
87-68-3	Hexachlorobutadiene	10	U	85	10
105-60-2	Caprolactam	96	U	420	96
59-50-7	4-Chloro-3-methylphenol	63	U	420	63
91-57-6	2-Methylnaphthalene	54	U	420	54
118-74-1	Hexachlorobenzene	5.7	U	42	5.7
77-47-4	Hexachlorocyclopentadiene	49	U	420	49
88-06-2	2,4,6-Trichlorophenol	49	U	420	49
95-95-4	2,4,5-Trichlorophenol	54	U	420	54
92-52-4	Diphenyl	56	U	420	56
91-58-7	2-Chloronaphthalene	47	U	420	47
88-74-4	2-Nitroaniline	170	U	850	170
606-20-2	2,6-Dinitrotoluene	13	U	85	13
131-11-3	Dimethyl phthalate	50	U	420	50
208-96-8	Acenaphthylene	49	U	420	49
99-09-2	3-Nitroaniline	150	U	850	150
83-32-9	Acenaphthene	61	U	420	61

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: u77669.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	270	U	1300	270
51-28-5	2,4-Dinitrophenol	240	U	1300	240
132-64-9	Dibenzofuran	49	U	420	49
84-66-2	Diethyl phthalate	50	U	420	50
86-73-7	Fluorene	54	U	420	54
206-44-0	Fluoranthene	56	U	420	56
84-74-2	Di-n-butyl phthalate	52	U	420	52
121-14-2	2,4-Dinitrotoluene	14	U	85	14
7005-72-3	4-Chlorophenyl phenyl ether	49	U	420	49
100-01-6	4-Nitroaniline	130	U	850	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1300	110
101-55-3	4-Bromophenyl phenyl ether	41	U	420	41
1912-24-9	Atrazine	65	U	420	65
120-12-7	Anthracene	51	U	420	51
86-74-8	Carbazole	49	U	420	49
85-01-8	Phenanthrene	53	U	420	53
87-86-5	Pentachlorophenol	120	U	1300	120
129-00-0	Pyrene	35	U	420	35
218-01-9	Chrysene	49	U	420	49
207-08-9	Benzo[k]fluoranthene	3.2	U	42	3.2
191-24-2	Benzo[g,h,i]perylene	31	U	420	31
205-99-2	Benzo[b]fluoranthene	2.6	U	42	2.6
50-32-8	Benzo[a]pyrene	3.0	U	42	3.0
56-55-3	Benzo[a]anthracene	2.9	U	42	2.9
86-30-6	N-Nitrosodiphenylamine	41	U	420	41
85-68-7	Butyl benzyl phthalate	38	U	420	38
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	420	140
117-84-0	Di-n-octyl phthalate	27	U	420	27
193-39-5	Indeno[1,2,3-cd]pyrene	7.8	U	42	7.8
53-70-3	Dibenz(a,h)anthracene	5.3	U	42	5.3
91-94-1	3,3'-Dichlorobenzidine	150	U	850	150
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U *	420	56
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	420	54
123-91-1	1,4-Dioxane	30	U	420	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: u77669.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	83		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.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: u77669.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77669.d
Report Date: 28-Jun-2012 08:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77669.d
Lab Smp Id: 460-41492-D-9-D Client Smp ID: SF-9
Inj Date : 24-JUN-2012 06:56
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-9-D
Misc Info : 460-41492-D-9-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	21.05263	% 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	2.518	2.499	(0.667)	255433	82.7419	7000
$ 17 Phenol-d5 (SUR)	99	3.437	3.448	(0.910)	402663	88.3458	7400
* 79 1,4-Dichlorobenzene-d4	152	3.775	3.778	(1.000)	91325	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.341	4.358	(0.856)	180408	35.1923	3000
* 80 Naphthalene-d8	136	5.071	5.082	(1.000)	332345	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.180	6.188	(0.904)	261685	35.7481	3000
* 82 Acenaphthene-d10	164	6.839	6.842	(1.000)	230803	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	104382	72.9260	6100
* 83 Phenanthrene-d10	188	8.300	8.306	(1.000)	412732	40.0000	
52 Phenanthrene	178	8.322	8.329	(1.003)	6527	0.56631	48(a)
$ 78 Terphenyl-d14	244	9.875	9.881	(0.902)	344778	43.8398	3700
* 81 Chrysene-d12	240	10.954	10.970	(1.000)	313739	40.0000	
* 84 Perylene-d12	264	12.744	12.744	(1.000)	253841	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77669.d
Report Date: 28-Jun-2012 08:55

QC Flag Legend

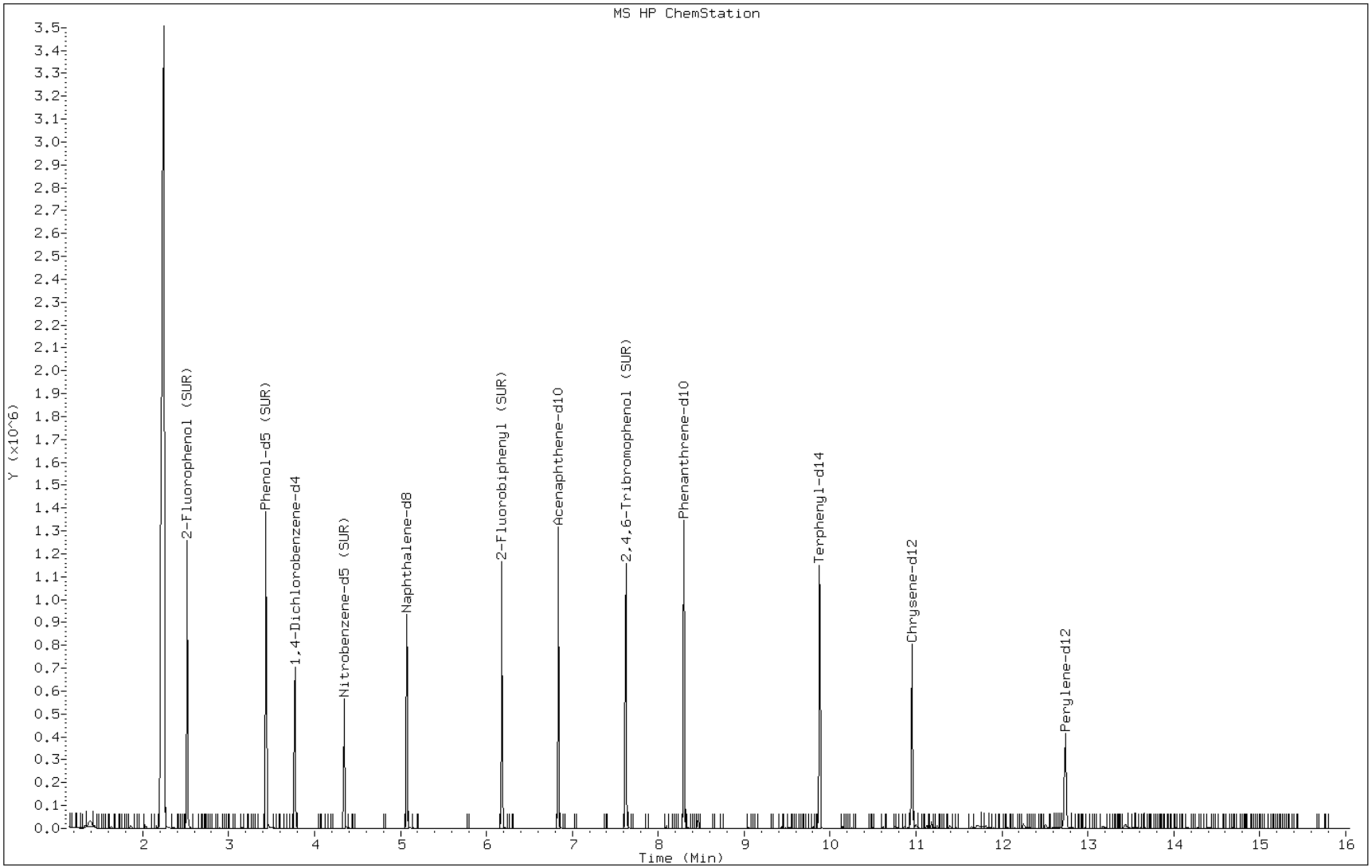
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77669.d

Date: 24-JUN-2012 06:56

Client ID: SF-9 Instrument: BNAMS4.i

Sample Info: 460-41492-D-9-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: u77670.d

Analysis Method: 8270C | Date Collected: 06/19/2012 11:58

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	4.4	U	39	4.4
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: u77670.d

Analysis Method: 8270C | Date Collected: 06/19/2012 11:58

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	48	U	390	48
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	33	U	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: u77670.d

Analysis Method: 8270C | Date Collected: 06/19/2012 11:58

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	86		37-125
321-60-8	2-Fluorobiphenyl	68		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: u77670.d

Analysis Method: 8270C | Date Collected: 06/19/2012 11:58

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77670.d
Report Date: 25-Jun-2012 17:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77670.d
Lab Smp Id: 460-41492-D-10-D Client Smp ID: SF-10
Inj Date : 24-JUN-2012 07:16
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-10-D
Misc Info : 460-41492-D-10-D
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.05000	Weight of sample extracted (g)
M	15.69343	% 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	2.512	2.499	(0.666)	256947	86.2977	6800
$ 17 Phenol-d5 (SUR)	99	3.436	3.448	(0.910)	411970	93.7167	7400
* 79 1,4-Dichlorobenzene-d4	152	3.773	3.778	(1.000)	88081	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.346	4.358	(0.857)	170736	31.3849	2500
* 80 Naphthalene-d8	136	5.073	5.082	(1.000)	352683	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.180	6.188	(0.903)	249454	33.8167	2700
* 82 Acenaphthene-d10	164	6.840	6.842	(1.000)	232581	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.624	7.629	(1.115)	109156	75.6784	6000
* 83 Phenanthrene-d10	188	8.300	8.306	(1.000)	435421	40.0000	
52 Phenanthrene	178	8.321	8.329	(1.002)	6108	0.50234	40(a)
$ 78 Terphenyl-d14	244	9.875	9.881	(0.901)	358461	43.1273	3400
* 81 Chrysene-d12	240	10.955	10.970	(1.000)	331579	40.0000	
* 84 Perylene-d12	264	12.736	12.744	(1.000)	259658	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77670.d
Report Date: 25-Jun-2012 17:37

QC Flag Legend

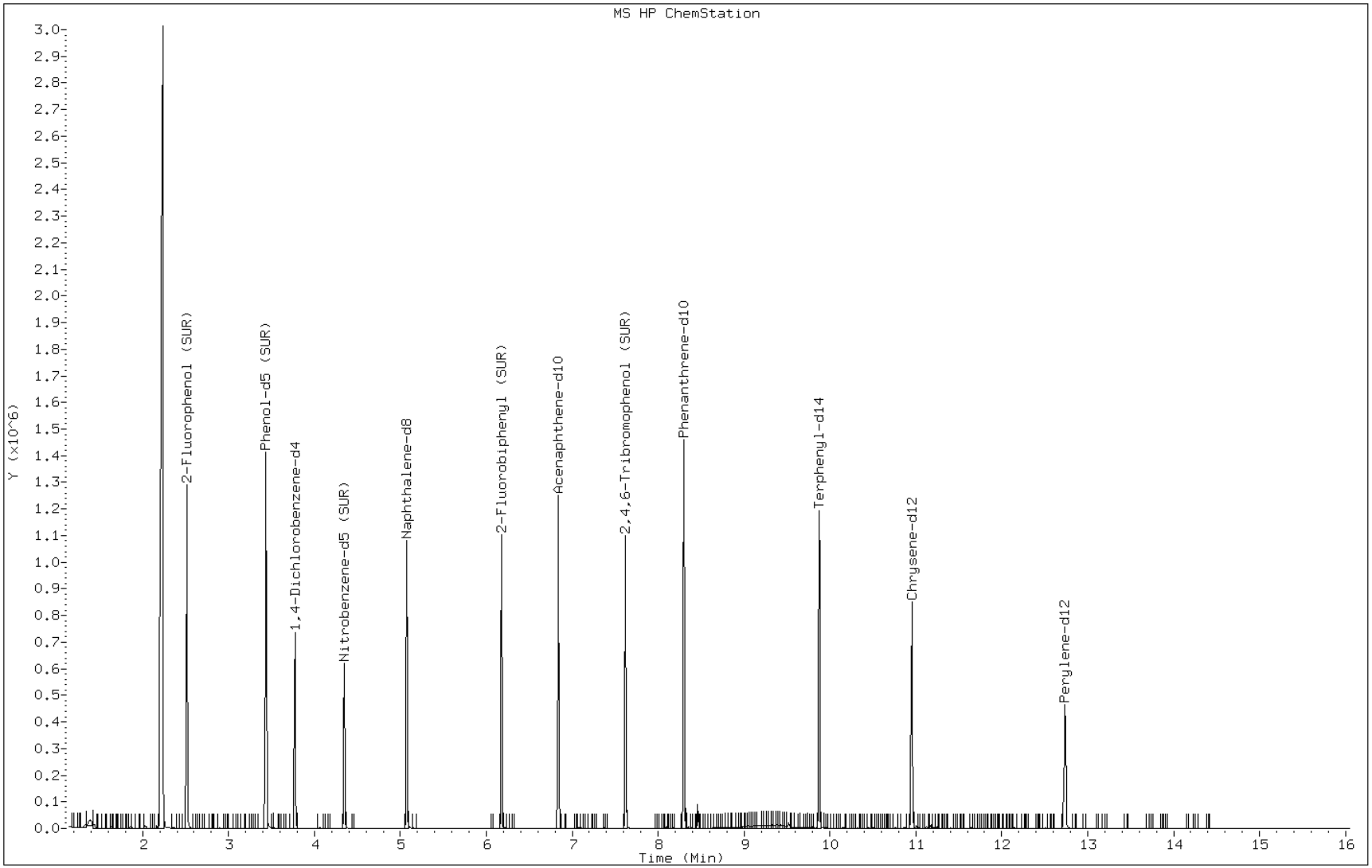
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77670.d

Date: 24-JUN-2012 07:16

Client ID: SF-10 Instrument: BNAMS4.i

Sample Info: 460-41492-D-10-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: u77671.d

Analysis Method: 8270C | Date Collected: 06/19/2012 12:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	4.9	U	36	4.9
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	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
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	8.8	U	73	8.8
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	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	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	730	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: u77671.d

Analysis Method: 8270C | Date Collected: 06/19/2012 12:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	73	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	730	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	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	730	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: u77671.d

Analysis Method: 8270C | Date Collected: 06/19/2012 12:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	59		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: u77671.d

Analysis Method: 8270C | Date Collected: 06/19/2012 12:45

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77671.d
Report Date: 28-Jun-2012 08:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77671.d
Lab Smp Id: 460-41492-D-11-C Client Smp ID: SF-11
Inj Date : 24-JUN-2012 07:36
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-11-C
Misc Info : 460-41492-D-11-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	8.76289	% Moisture

Cpnd Variable Local Compound Variable

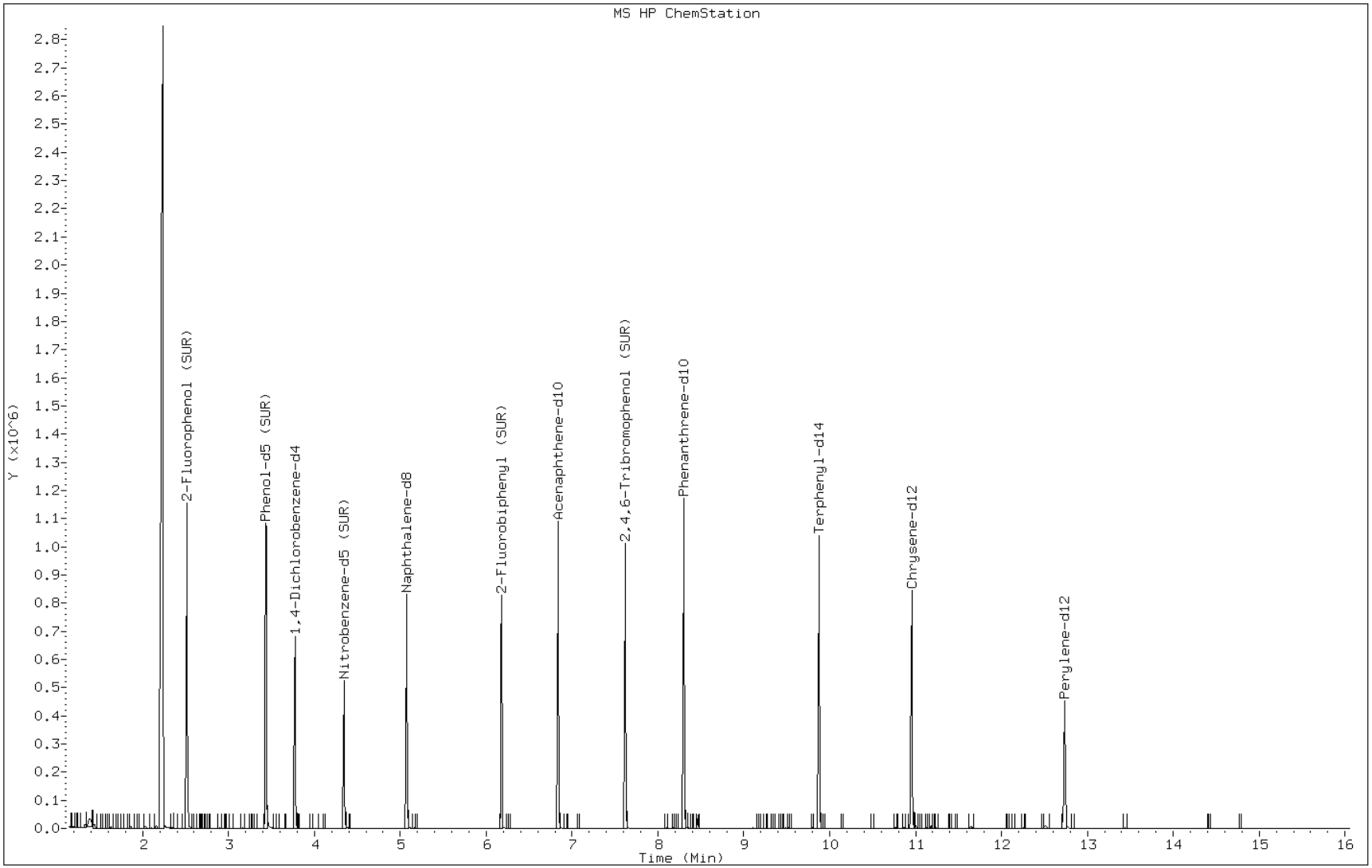
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.512	2.499	(0.666)	220985	77.0849	5600
$ 17 Phenol-d5 (SUR)	99	3.439	3.448	(0.911)	356420	84.2101	6200
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	84807	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.358	(0.857)	143320	29.5862	2200
* 80 Naphthalene-d8	136	5.071	5.082	(1.000)	314050	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.182	6.188	(0.904)	216585	31.8158	2300
* 82 Acenaphthene-d10	164	6.835	6.842	(1.000)	214635	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.626	7.629	(1.116)	88910	66.7957	4900
* 83 Phenanthrene-d10	188	8.297	8.306	(1.000)	414273	40.0000	
$ 78 Terphenyl-d14	244	9.873	9.881	(0.901)	292608	37.9787	2800
* 81 Chrysene-d12	240	10.957	10.970	(1.000)	307357	40.0000	
* 84 Perylene-d12	264	12.741	12.744	(1.000)	262662	40.0000	

Data File: u77671.d

Date: 24-JUN-2012 07:36

Client ID: SF-11 Instrument: BNAMS4.i

Sample Info: 460-41492-D-11-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: u77672.d

Analysis Method: 8270C | Date Collected: 06/19/2012 13:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:56

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.: 117392 | 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	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	49	U	380	49
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	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.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: u77672.d

Analysis Method: 8270C | Date Collected: 06/19/2012 13:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:56

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: u77672.d

Analysis Method: 8270C | Date Collected: 06/19/2012 13:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:56

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	96		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: u77672.d

Analysis Method: 8270C | Date Collected: 06/19/2012 13:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 07:56

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.: 117392 | 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/06-20-12/24jun12a.b/u77672.d
Report Date: 28-Jun-2012 08:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77672.d
Lab Smp Id: 460-41492-D-12-C Client Smp ID: SF-12
Inj Date : 24-JUN-2012 07:56
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-12-C
Misc Info : 460-41492-D-12-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	13.93298	% Moisture

Cpnd Variable Local Compound Variable

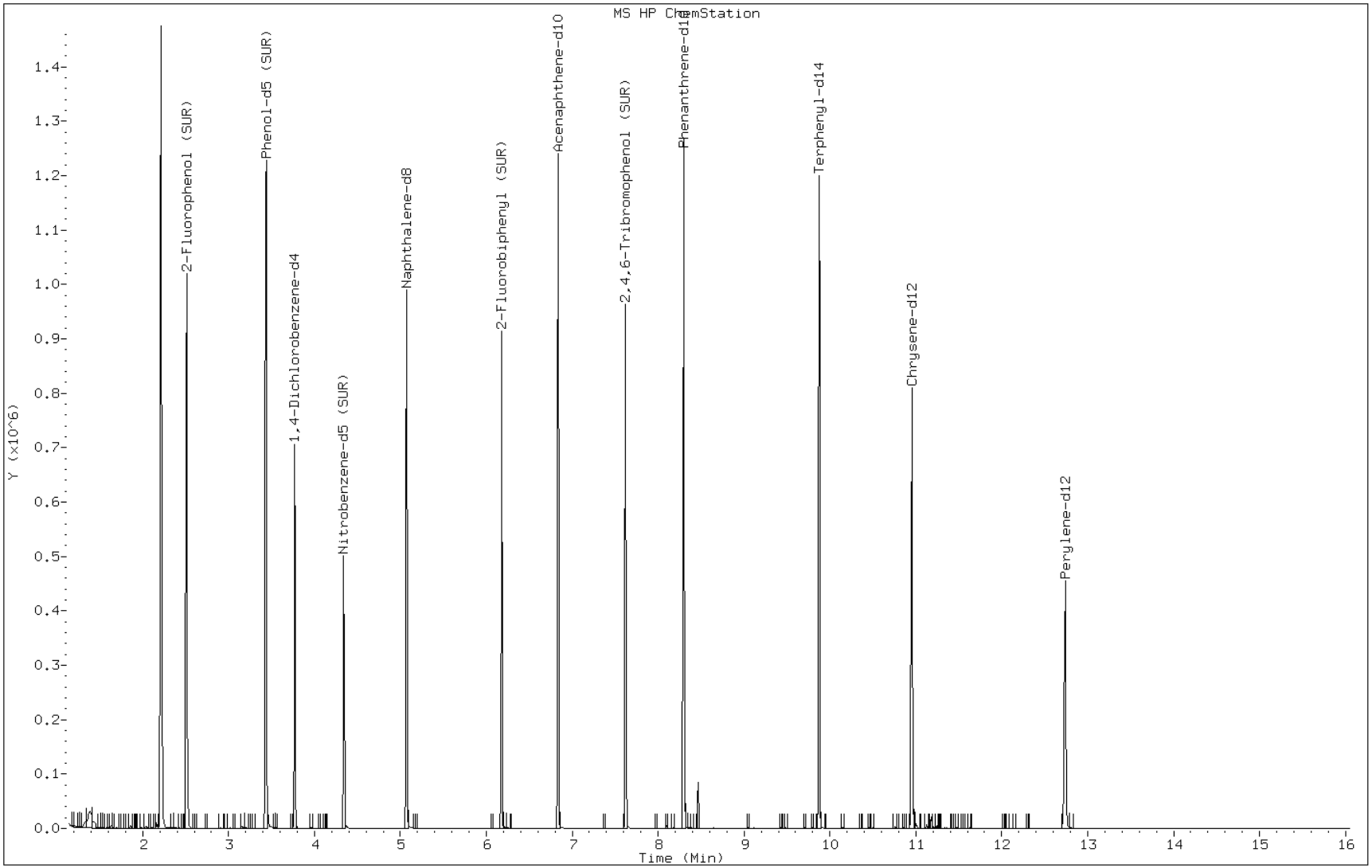
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.514	2.499	(0.667)	224998	78.8099	6100
$ 17 Phenol-d5 (SUR)	99	3.438	3.448	(0.912)	405334	96.1637	7400
* 79 1,4-Dichlorobenzene-d4	152	3.769	3.778	(1.000)	84457	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.342	4.358	(0.856)	135957	27.4508	2100
* 80 Naphthalene-d8	136	5.074	5.082	(1.000)	321090	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.180	6.188	(0.904)	223243	31.9147	2500
* 82 Acenaphthene-d10	164	6.838	6.842	(1.000)	220548	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.624	7.629	(1.115)	97633	71.3825	5500
* 83 Phenanthrene-d10	188	8.297	8.306	(1.000)	424864	40.0000	
$ 78 Terphenyl-d14	244	9.875	9.881	(0.901)	342873	43.5047	3400
* 81 Chrysene-d12	240	10.954	10.970	(1.000)	314409	40.0000	
* 84 Perylene-d12	264	12.738	12.744	(1.000)	251063	40.0000	

Data File: u77672.d

Date: 24-JUN-2012 07:56

Client ID: SF-12 Instrument: BNAMS4.i

Sample Info: 460-41492-D-12-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: u77673.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 08:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	62	U	370	62
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.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: u77673.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 08:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: u77673.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 08:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	53		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: u77673.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:40

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 08:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77673.d
Report Date: 25-Jun-2012 17:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77673.d
Lab Smp Id: 460-41492-D-13-C Client Smp ID: SF-13
Inj Date : 24-JUN-2012 08:16
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-13-C
Misc Info : 460-41492-D-13-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 18
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	9.68343	% Moisture

Cpnd Variable Local Compound Variable

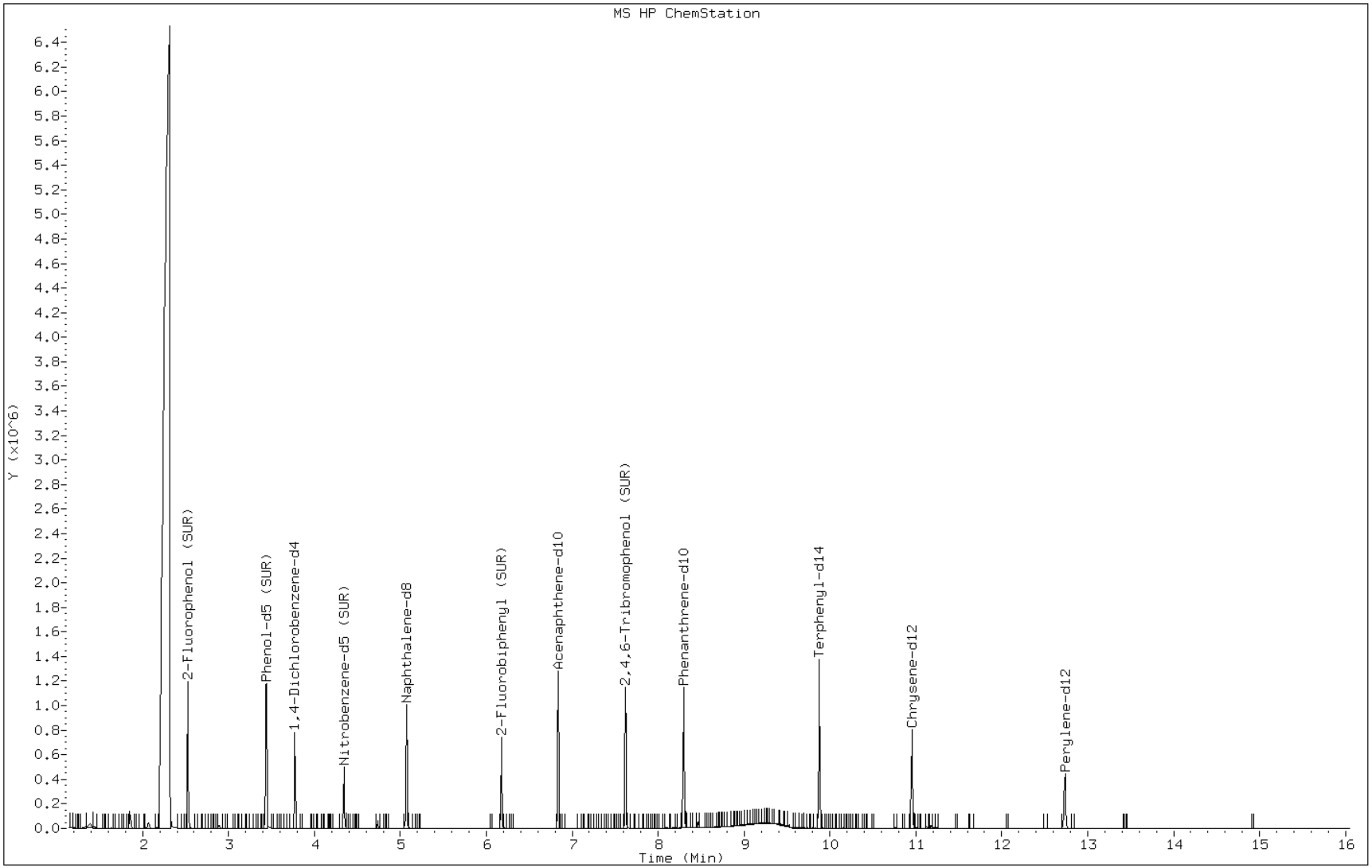
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.525	2.499	(0.669)	220245	74.0661	5500
$ 17 Phenol-d5 (SUR)	99	3.443	3.448	(0.913)	391976	89.2829	6600
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	87968	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.358	(0.857)	134281	27.1787	2000
* 80 Naphthalene-d8	136	5.073	5.082	(1.000)	320307	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.175	6.188	(0.903)	191895	26.3140	1900
* 82 Acenaphthene-d10	164	6.838	6.842	(1.000)	229928	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.627	7.629	(1.115)	101413	71.1214	5200
* 83 Phenanthrene-d10	188	8.297	8.306	(1.000)	404692	40.0000	
$ 78 Terphenyl-d14	244	9.878	9.881	(0.902)	343106	43.0690	3200
* 81 Chrysene-d12	240	10.953	10.970	(1.000)	317805	40.0000	
* 84 Perylene-d12	264	12.739	12.744	(1.000)	250130	40.0000	

Data File: u77673.d

Date: 24-JUN-2012 08:16

Client ID: SF-13 Instrument: BNAMS4.i

Sample Info: 460-41492-D-13-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: u77674.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:37

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 08:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: u77674.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:37

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 08:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: u77674.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:37

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 08:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	62		37-125
321-60-8	2-Fluorobiphenyl	49		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: u77674.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:37

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 08:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77674.d
Report Date: 25-Jun-2012 17:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77674.d
Lab Smp Id: 460-41492-D-14-C Client Smp ID: SF-14
Inj Date : 24-JUN-2012 08:37
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-14-C
Misc Info : 460-41492-D-14-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 19
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	11.77570	% Moisture

Cpnd Variable Local Compound Variable

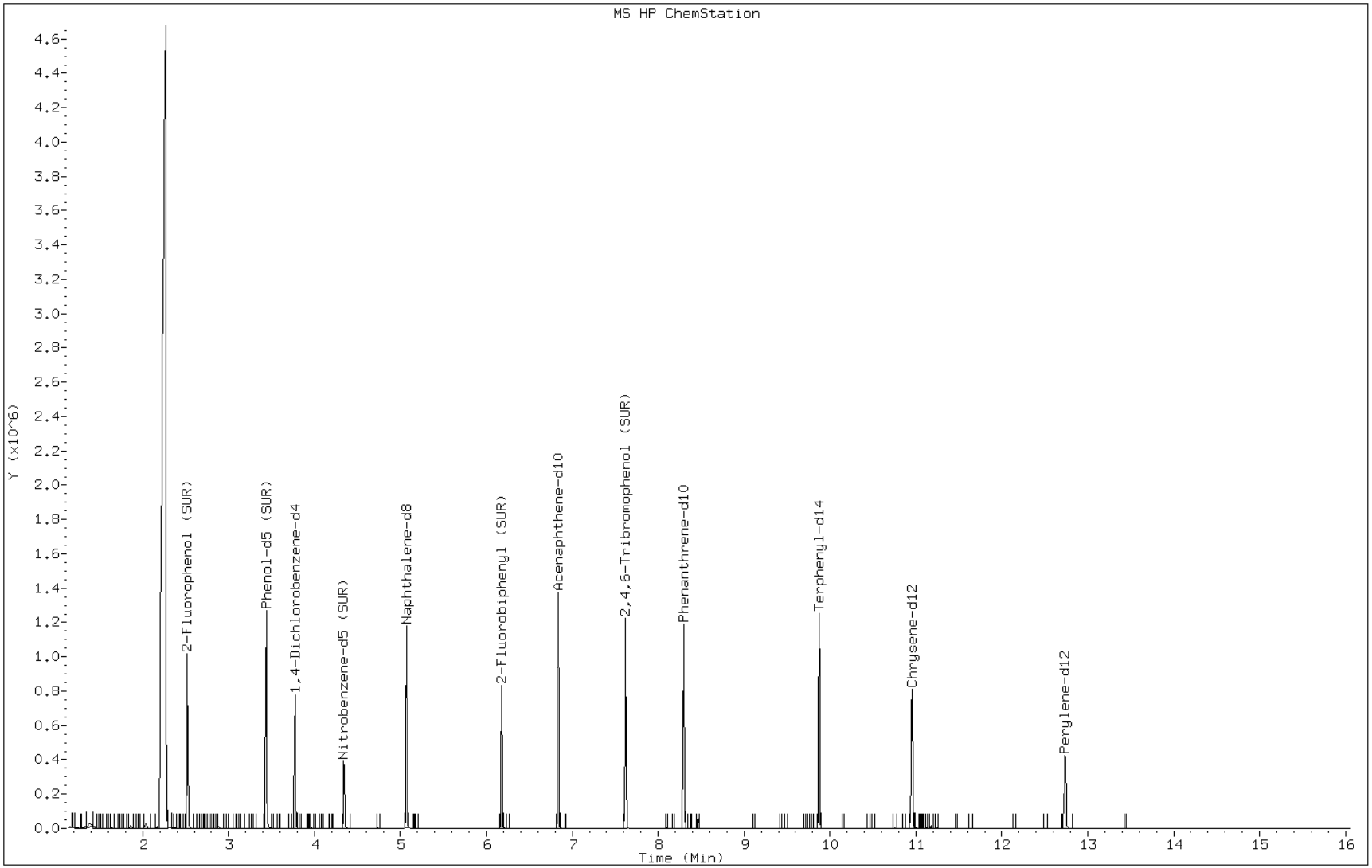
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.519	2.499	(0.668)	193647	62.2566	4700
$ 17 Phenol-d5 (SUR)	99	3.438	3.448	(0.911)	341386	74.3389	5600
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	92016	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.358	(0.855)	130676	23.1693	1700
* 80 Naphthalene-d8	136	5.073	5.082	(1.000)	365649	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.177	6.188	(0.904)	188791	24.6105	1800
* 82 Acenaphthene-d10	164	6.837	6.842	(1.000)	241867	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.621	7.629	(1.115)	96336	64.2259	4800
* 83 Phenanthrene-d10	188	8.296	8.306	(1.000)	452686	40.0000	
$ 78 Terphenyl-d14	244	9.875	9.881	(0.901)	361310	43.0258	3200
* 81 Chrysene-d12	240	10.958	10.970	(1.000)	335003	40.0000	
* 84 Perylene-d12	264	12.734	12.744	(1.000)	258965	40.0000	

Data File: u77674.d

Date: 24-JUN-2012 08:37

Client ID: SF-14 Instrument: BNAMS4.i

Sample Info: 460-41492-D-14-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: u77675.d

Analysis Method: 8270C | Date Collected: 06/18/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 08:57

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: u77675.d

Analysis Method: 8270C | Date Collected: 06/18/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 08:57

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: u77675.d

Analysis Method: 8270C | Date Collected: 06/18/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 08:57

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	45		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	95		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	54		37-125
321-60-8	2-Fluorobiphenyl	44		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: u77675.d

Analysis Method: 8270C | Date Collected: 06/18/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2012 08:57

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.: 117392 | 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/06-20-12/24jun12a.b/u77675.d
Report Date: 28-Jun-2012 08:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77675.d
Lab Smp Id: 460-41492-D-15-C Client Smp ID: FD-C
Inj Date : 24-JUN-2012 08:57
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-15-C
Misc Info : 460-41492-D-15-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	11.54562	% 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	2.513	2.499	(0.666)	140986	53.5405	4000
$ 17 Phenol-d5 (SUR)	99	3.437	3.448	(0.911)	240142	61.7689	4600
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	77899	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.346	4.358	(0.857)	98033	22.3695	1700
* 80 Naphthalene-d8	136	5.072	5.082	(1.000)	284117	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.188	(0.904)	142911	21.9621	1600
* 82 Acenaphthene-d10	164	6.837	6.842	(1.000)	205167	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.621	7.629	(1.115)	75940	59.6845	4500
* 83 Phenanthrene-d10	188	8.297	8.306	(1.000)	372771	40.0000	
$ 78 Terphenyl-d14	244	9.881	9.881	(0.902)	311154	47.7043	3600
* 81 Chrysene-d12	240	10.955	10.970	(1.000)	260205	40.0000	
* 84 Perylene-d12	264	12.735	12.744	(1.000)	216861	40.0000	

Data File: u77675.d

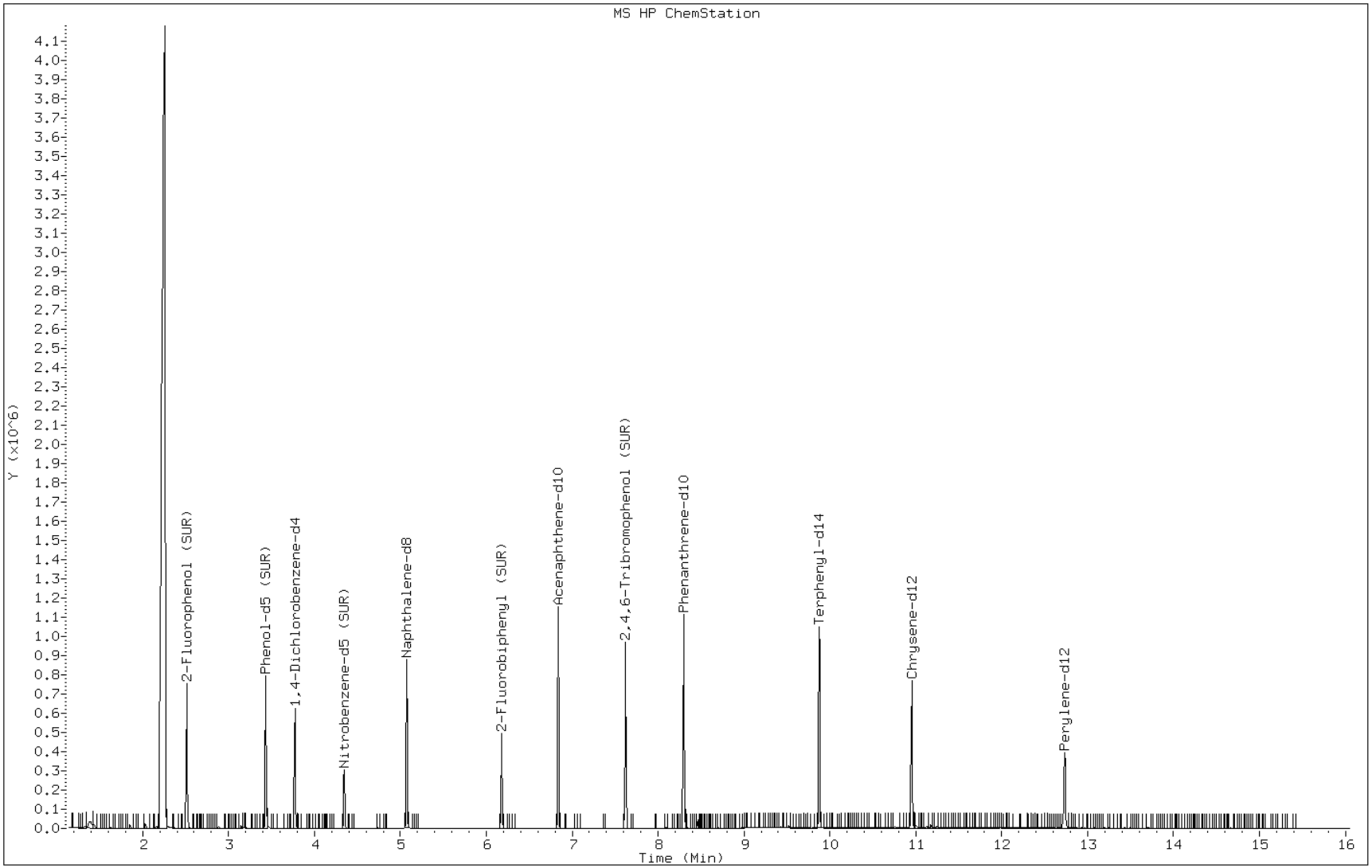
Date: 24-JUN-2012 08:57

Client ID: FD-C

Instrument: BNAMS4.i

Sample Info: 460-41492-D-15-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: u77676.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 14.98(g) | Date Analyzed: 06/24/2012 09:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	61	U	350	61
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	55	U	350	55
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	40	U	350	40
105-67-9	2,4-Dimethylphenol	88	U	350	88
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	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	54	U	350	54
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.9	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	42	U	350	42
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	48	U	350	48
91-58-7	2-Chloronaphthalene	40	U	350	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	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.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: u77676.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 14.98(g) | Date Analyzed: 06/24/2012 09:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	350	42
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	42	U	350	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	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	56	J	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	33	U	350	33
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.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: u77676.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 14.98(g) | Date Analyzed: 06/24/2012 09:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	44		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	55		37-125
321-60-8	2-Fluorobiphenyl	41		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: u77676.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 14.98(g) | Date Analyzed: 06/24/2012 09:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77676.d
Report Date: 28-Jun-2012 08:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77676.d
Lab Smp Id: 460-41492-D-16-C Client Smp ID: F-1
Inj Date : 24-JUN-2012 09:17
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-16-C
Misc Info : 460-41492-D-16-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	14.98000	Weight of sample extracted (g)
M	6.69078	% 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	2.512	2.499	(0.666)	144809	54.8009	3900
$ 17 Phenol-d5 (SUR)	99	3.431	3.448	(0.909)	282099	72.3085	5200
* 79 1,4-Dichlorobenzene-d4	152	3.775	3.778	(1.000)	78171	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.358	(0.855)	101023	22.0244	1600
* 80 Naphthalene-d8	136	5.077	5.082	(1.000)	297370	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.178	6.188	(0.903)	144528	20.2797	1400
* 82 Acenaphthene-d10	164	6.840	6.842	(1.000)	224702	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	80749	57.9467	4100
* 83 Phenanthrene-d10	188	8.299	8.306	(1.000)	383559	40.0000	
52 Phenanthrene	178	8.321	8.329	(1.003)	8368	0.78126	56(a)
$ 78 Terphenyl-d14	244	9.876	9.881	(0.901)	313477	43.9166	3100
* 81 Chrysene-d12	240	10.957	10.970	(1.000)	284757	40.0000	
* 84 Perylene-d12	264	12.740	12.744	(1.000)	242451	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77676.d
Report Date: 28-Jun-2012 08:58

QC Flag Legend

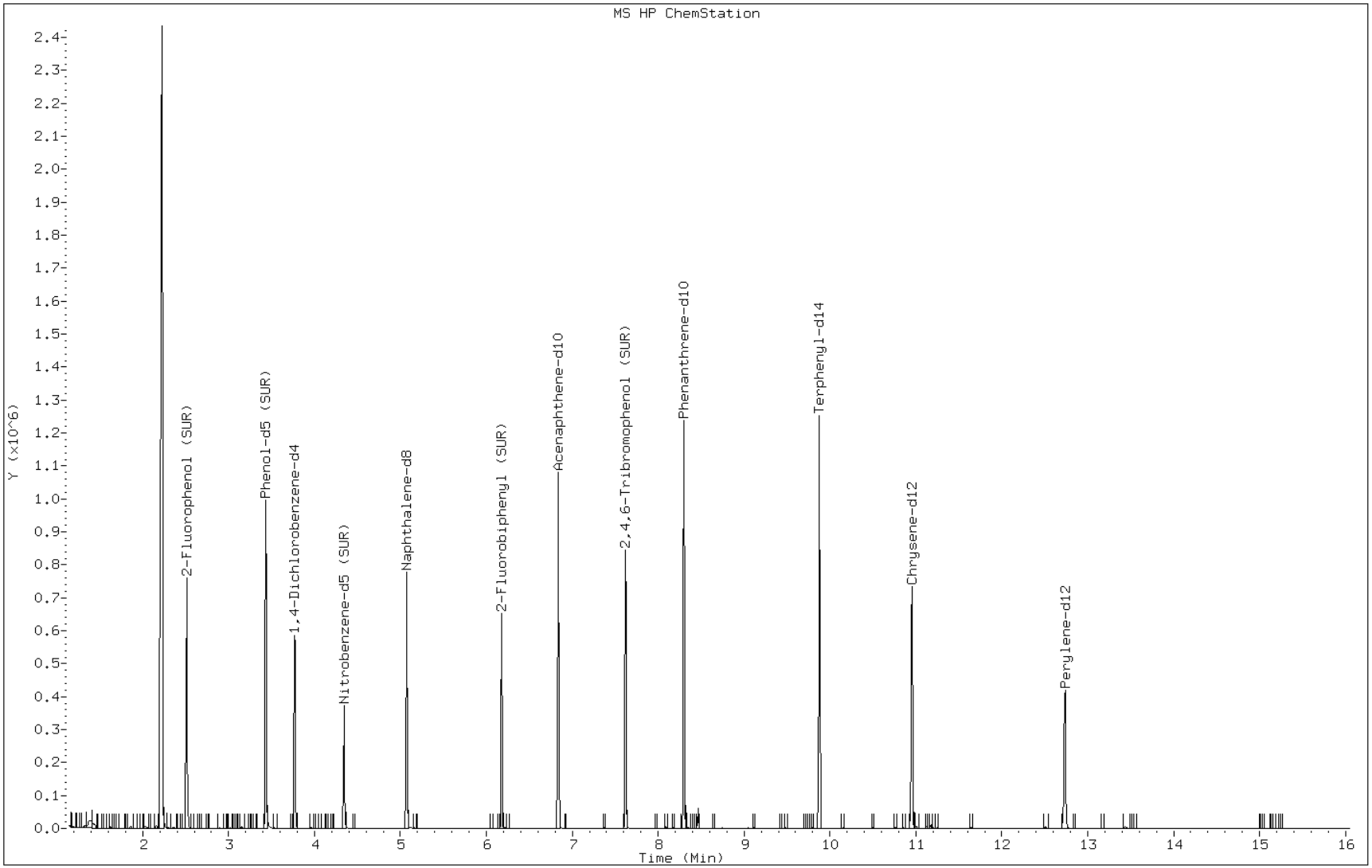
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77676.d

Date: 24-JUN-2012 09:17

Client ID: F-1 Instrument: BNAMS4.i

Sample Info: 460-41492-D-16-C Operator: BNAMS 4



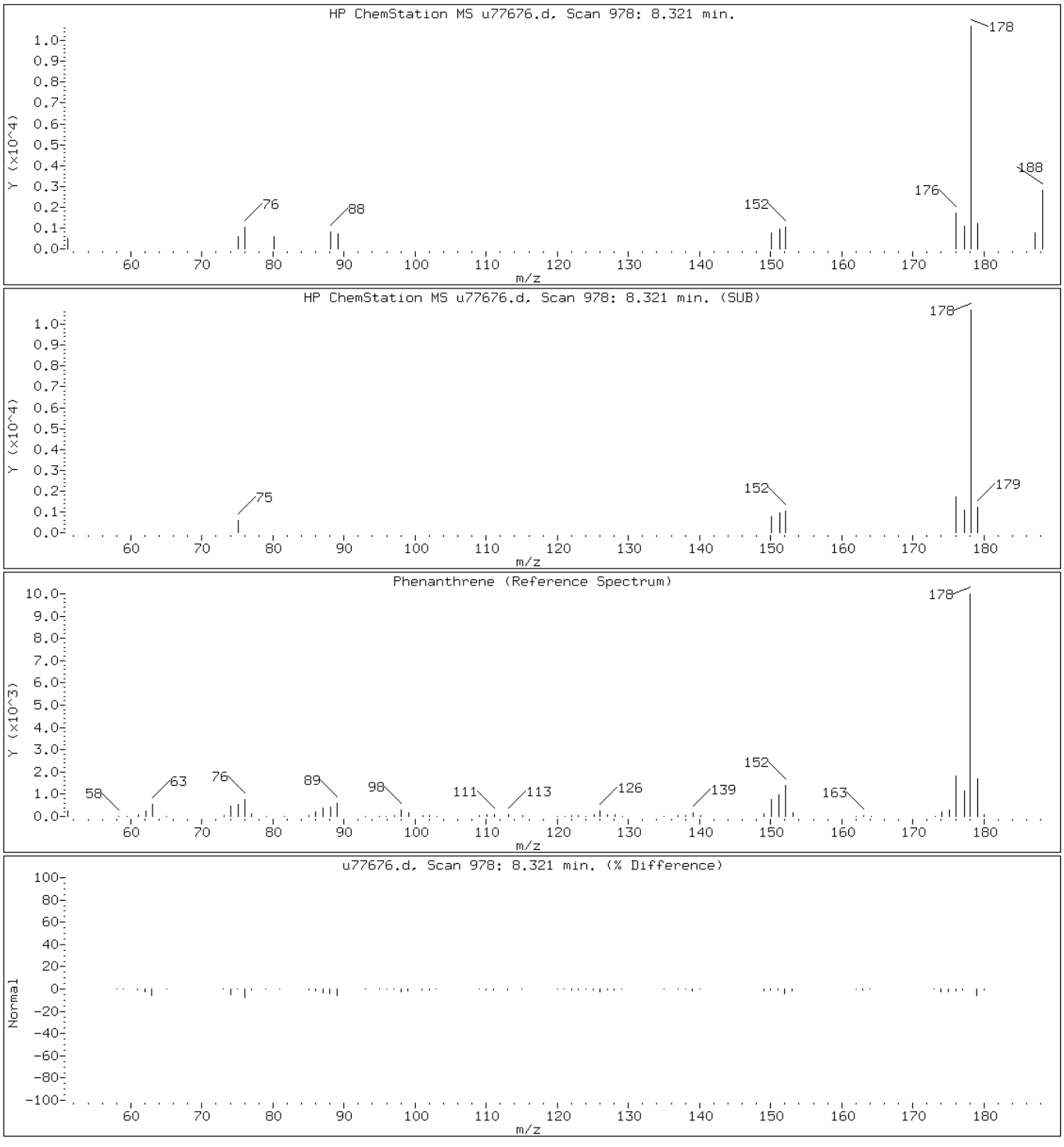
Data File: u77676.d

Date: 24-JUN-2012 09:17

Client ID: F-1 Instrument: BNAMS4.i

Sample Info: 460-41492-D-16-C Operator: BNAMS 4

52 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: u77677.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:38

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 09:37

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.: 117392 | 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]	41	U	370	41
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	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	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	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.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: u77677.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:38

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 09:37

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.: 117392 | 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	57	J	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.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: u77677.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:38

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 09:37

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	42		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	51		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: u77677.d

Analysis Method: 8270C | Date Collected: 06/18/2012 11:38

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 09:37

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.: 117392 | 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/06-20-12/24jun12a.b/u77677.d
Report Date: 28-Jun-2012 08:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77677.d
Lab Smp Id: 460-41492-D-17-C Client Smp ID: F-2
Inj Date : 24-JUN-2012 09:37
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-17-C
Misc Info : 460-41492-D-17-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	11.68582	% 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	2.509	2.499	(0.665)	190377	66.9934	5000
$ 17 Phenol-d5 (SUR)	99	3.435	3.448	(0.910)	315268	75.1438	5700
* 79 1,4-Dichlorobenzene-d4	152	3.774	3.778	(1.000)	84066	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.341	4.358	(0.856)	131490	27.7023	2100
* 80 Naphthalene-d8	136	5.071	5.082	(1.000)	307721	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.182	6.188	(0.904)	188532	25.3869	1900
* 82 Acenaphthene-d10	164	6.835	6.842	(1.000)	234148	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.621	7.629	(1.115)	60817	41.8825	3200
* 83 Phenanthrene-d10	188	8.301	8.306	(1.000)	404733	40.0000	
52 Phenanthrene	178	8.322	8.329	(1.003)	8501	0.75215	57(a)
$ 78 Terphenyl-d14	244	9.878	9.881	(0.901)	302732	40.6376	3100
* 81 Chrysene-d12	240	10.961	10.970	(1.000)	297186	40.0000	
* 84 Perylene-d12	264	12.742	12.744	(1.000)	226608	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77677.d
Report Date: 28-Jun-2012 08:58

QC Flag Legend

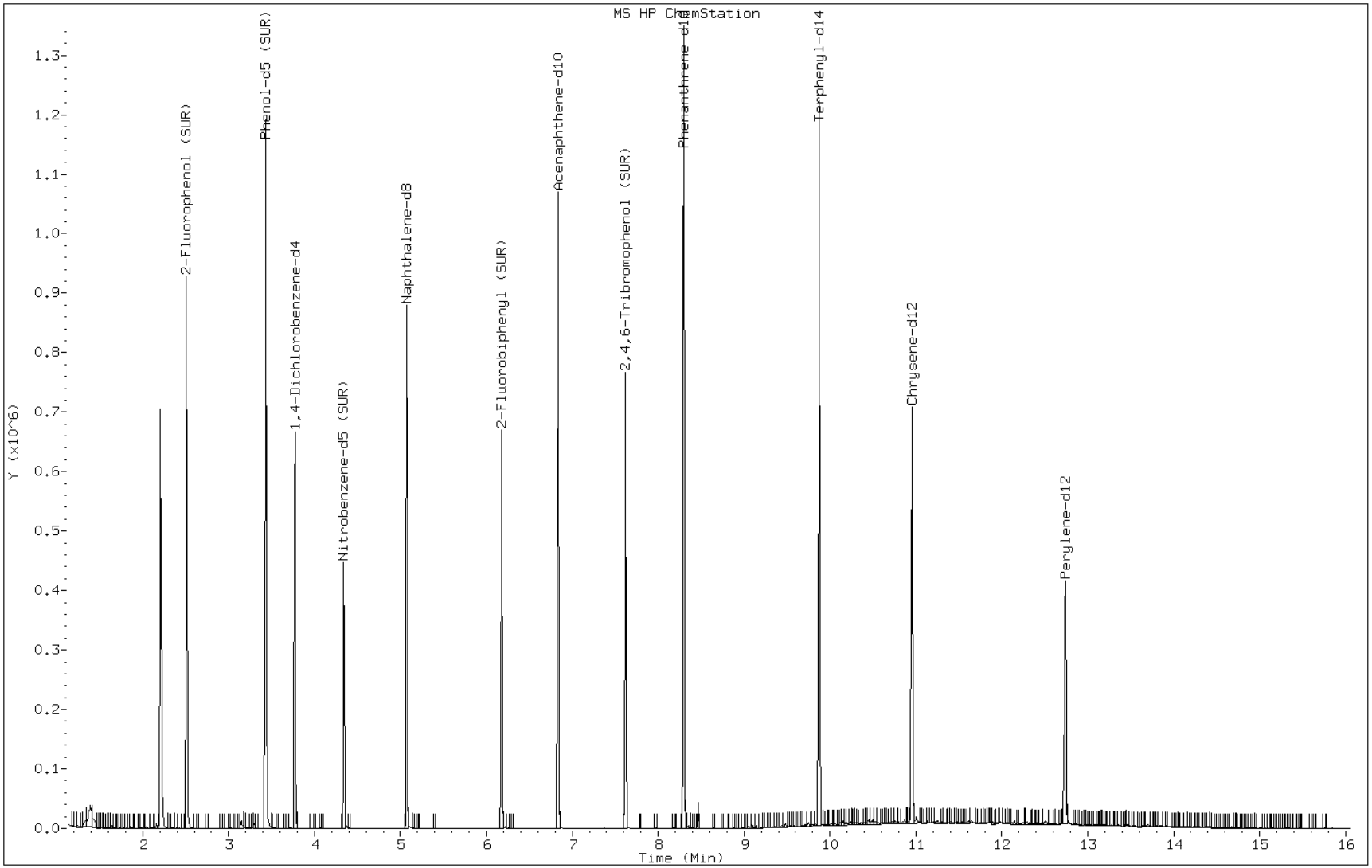
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77677.d

Date: 24-JUN-2012 09:37

Client ID: F-2 Instrument: BNAMS4.i

Sample Info: 460-41492-D-17-C Operator: BNAMS 4



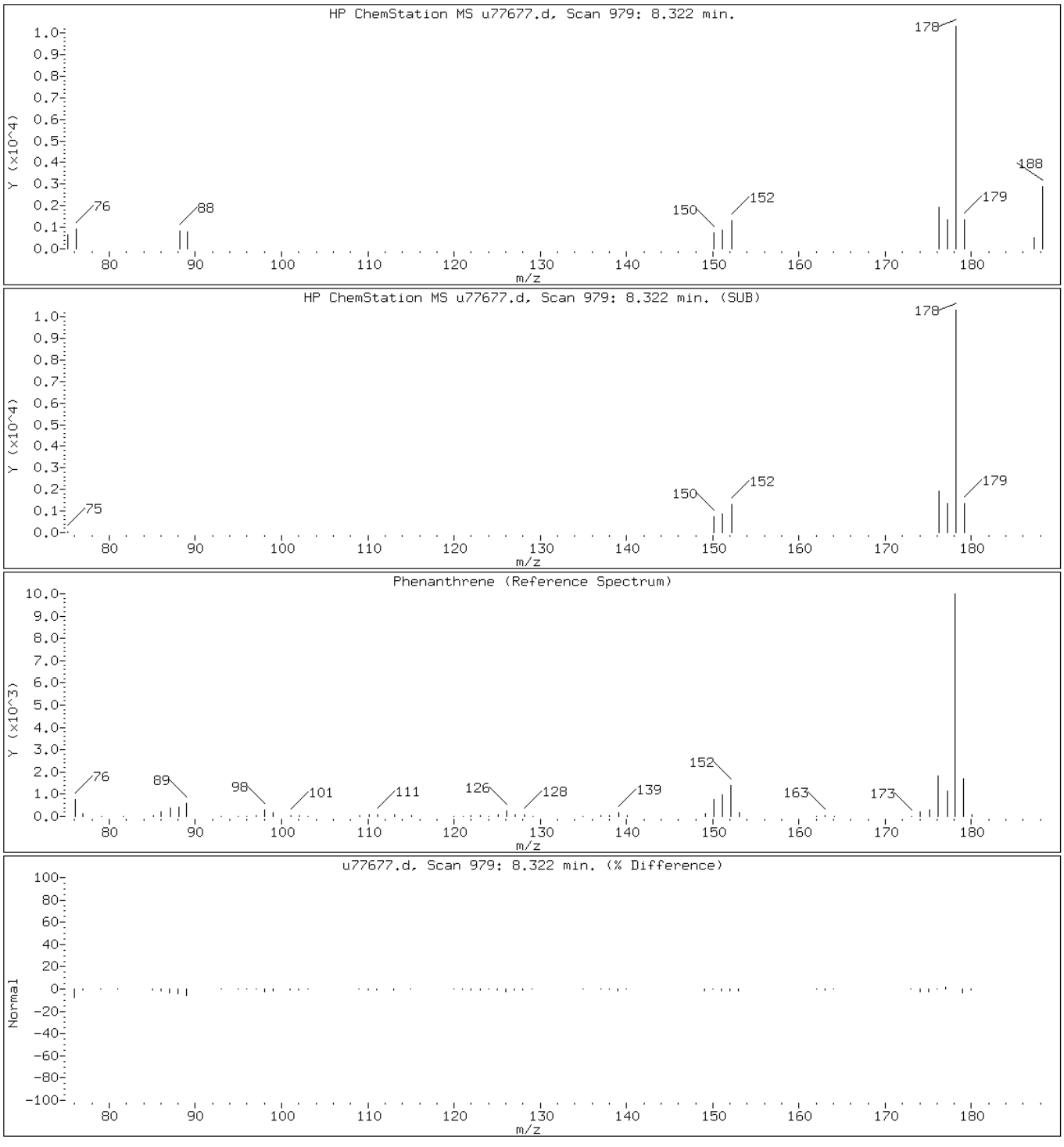
Data File: u77677.d

Date: 24-JUN-2012 09:37

Client ID: F-2 Instrument: BNAMS4.i

Sample Info: 460-41492-D-17-C Operator: BNAMS 4

52 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: u77678.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:15

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	58	U	430	58
95-57-8	2-Chlorophenol	57	U	430	57
95-48-7	2-Methylphenol	73	U	430	73
106-44-5	4-Methylphenol	85	U	430	85
100-52-7	Benzaldehyde	51	U	430	51
98-86-2	Acetophenone	66	U	430	66
111-44-4	Bis(2-chloroethyl)ether	5.9	U	43	5.9
108-60-1	2,2'-oxybis[1-chloropropane]	48	U	430	48
621-64-7	N-Nitrosodi-n-propylamine	7.2	U	43	7.2
98-95-3	Nitrobenzene	6.1	U	43	6.1
67-72-1	Hexachloroethane	4.8	U	43	4.8
78-59-1	Isophorone	52	U	430	52
88-75-5	2-Nitrophenol	48	U	430	48
105-67-9	2,4-Dimethylphenol	110	U	430	110
120-83-2	2,4-Dichlorophenol	63	U	430	63
111-91-1	Bis(2-chloroethoxy)methane	56	U	430	56
91-20-3	Naphthalene	50	U	430	50
106-47-8	4-Chloroaniline	110	U	430	110
87-68-3	Hexachlorobutadiene	10	U	87	10
105-60-2	Caprolactam	99	U	430	99
59-50-7	4-Chloro-3-methylphenol	65	U	430	65
91-57-6	2-Methylnaphthalene	55	U	430	55
118-74-1	Hexachlorobenzene	5.9	U	43	5.9
77-47-4	Hexachlorocyclopentadiene	51	U	430	51
88-06-2	2,4,6-Trichlorophenol	50	U	430	50
95-95-4	2,4,5-Trichlorophenol	56	U	430	56
92-52-4	Diphenyl	58	U	430	58
91-58-7	2-Chloronaphthalene	48	U	430	48
88-74-4	2-Nitroaniline	180	U	870	180
606-20-2	2,6-Dinitrotoluene	13	U	87	13
131-11-3	Dimethyl phthalate	51	U	430	51
208-96-8	Acenaphthylene	51	U	430	51
99-09-2	3-Nitroaniline	150	U	870	150
83-32-9	Acenaphthene	63	U	430	63

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: u77678.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:15

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	280	U	1300	280
51-28-5	2,4-Dinitrophenol	240	U	1300	240
132-64-9	Dibenzofuran	50	U	430	50
84-66-2	Diethyl phthalate	51	U	430	51
86-73-7	Fluorene	55	U	430	55
206-44-0	Fluoranthene	57	U	430	57
84-74-2	Di-n-butyl phthalate	53	U	430	53
121-14-2	2,4-Dinitrotoluene	14	U	87	14
7005-72-3	4-Chlorophenyl phenyl ether	50	U	430	50
100-01-6	4-Nitroaniline	130	U	870	130
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1300	120
101-55-3	4-Bromophenyl phenyl ether	43	U	430	43
1912-24-9	Atrazine	66	U	430	66
120-12-7	Anthracene	52	U	430	52
86-74-8	Carbazole	51	U	430	51
85-01-8	Phenanthrene	58	J	430	55
87-86-5	Pentachlorophenol	130	U	1300	130
129-00-0	Pyrene	36	U	430	36
218-01-9	Chrysene	50	U	430	50
207-08-9	Benzo[k]fluoranthene	3.3	U	43	3.3
191-24-2	Benzo[g,h,i]perylene	32	U	430	32
205-99-2	Benzo[b]fluoranthene	2.7	U	43	2.7
50-32-8	Benzo[a]pyrene	3.0	U	43	3.0
56-55-3	Benzo[a]anthracene	3.0	U	43	3.0
86-30-6	N-Nitrosodiphenylamine	42	U	430	42
85-68-7	Butyl benzyl phthalate	39	U	430	39
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	430	140
117-84-0	Di-n-octyl phthalate	27	U	430	27
193-39-5	Indeno[1,2,3-cd]pyrene	8.0	U	43	8.0
53-70-3	Dibenz(a,h)anthracene	5.4	U	43	5.4
91-94-1	3,3'-Dichlorobenzidine	150	U	870	150
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U *	430	58
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	430	56
123-91-1	1,4-Dioxane	31	U	430	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: u77678.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:15

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	95		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	50		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	68		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: u77678.d

Analysis Method: 8270C | Date Collected: 06/18/2012 14:15

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.02(g) | Date Analyzed: 06/24/2012 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77678.d
Report Date: 28-Jun-2012 08:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77678.d
Lab Smp Id: 460-41492-D-19-C Client Smp ID: F-4
Inj Date : 24-JUN-2012 09:57
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-19-C
Misc Info : 460-41492-D-19-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 23
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	23.17291	% 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	2.513	2.499	(0.667)	243018	83.0183	7200
$ 17 Phenol-d5 (SUR)	99	3.437	3.448	(0.912)	411568	95.2297	8200
* 79 1,4-Dichlorobenzene-d4	152	3.768	3.778	(1.000)	86597	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.358	(0.856)	166582	31.6143	2700
* 80 Naphthalene-d8	136	5.073	5.082	(1.000)	341606	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.188	(0.904)	255985	33.7984	2900
* 82 Acenaphthene-d10	164	6.840	6.842	(1.000)	238800	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.618	7.629	(1.114)	73873	49.8827	4300
* 83 Phenanthrene-d10	188	8.296	8.306	(1.000)	424535	40.0000	
52 Phenanthrene	178	8.317	8.329	(1.003)	7959	0.67135	58(a)
$ 78 Terphenyl-d14	244	9.876	9.881	(0.901)	351005	46.6288	4000
* 81 Chrysene-d12	240	10.958	10.970	(1.000)	300301	40.0000	
* 84 Perylene-d12	264	12.740	12.744	(1.000)	234332	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77678.d
Report Date: 28-Jun-2012 08:58

QC Flag Legend

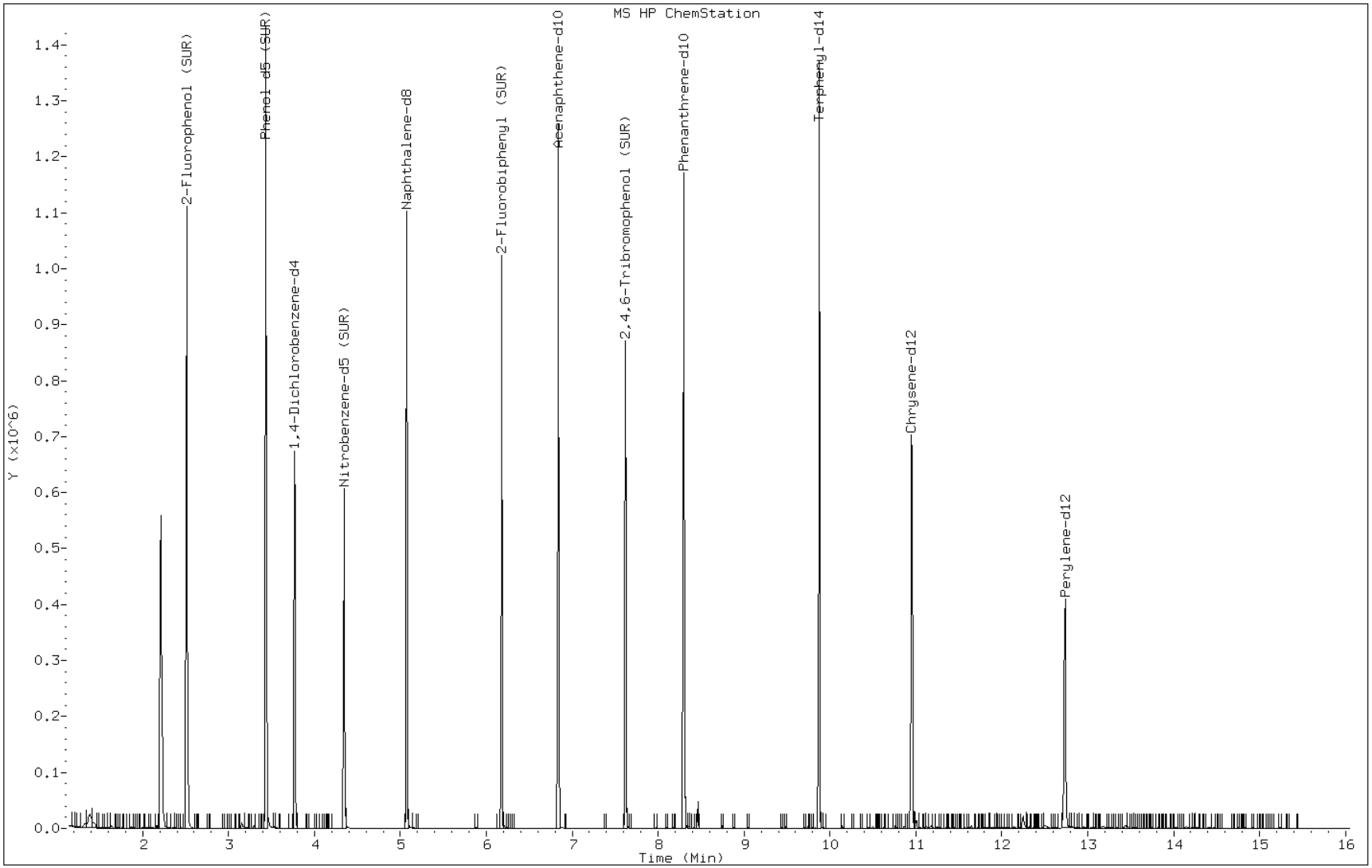
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77678.d

Date: 24-JUN-2012 09:57

Client ID: F-4 Instrument: BNAMS4.i

Sample Info: 460-41492-D-19-C Operator: BNAMS 4



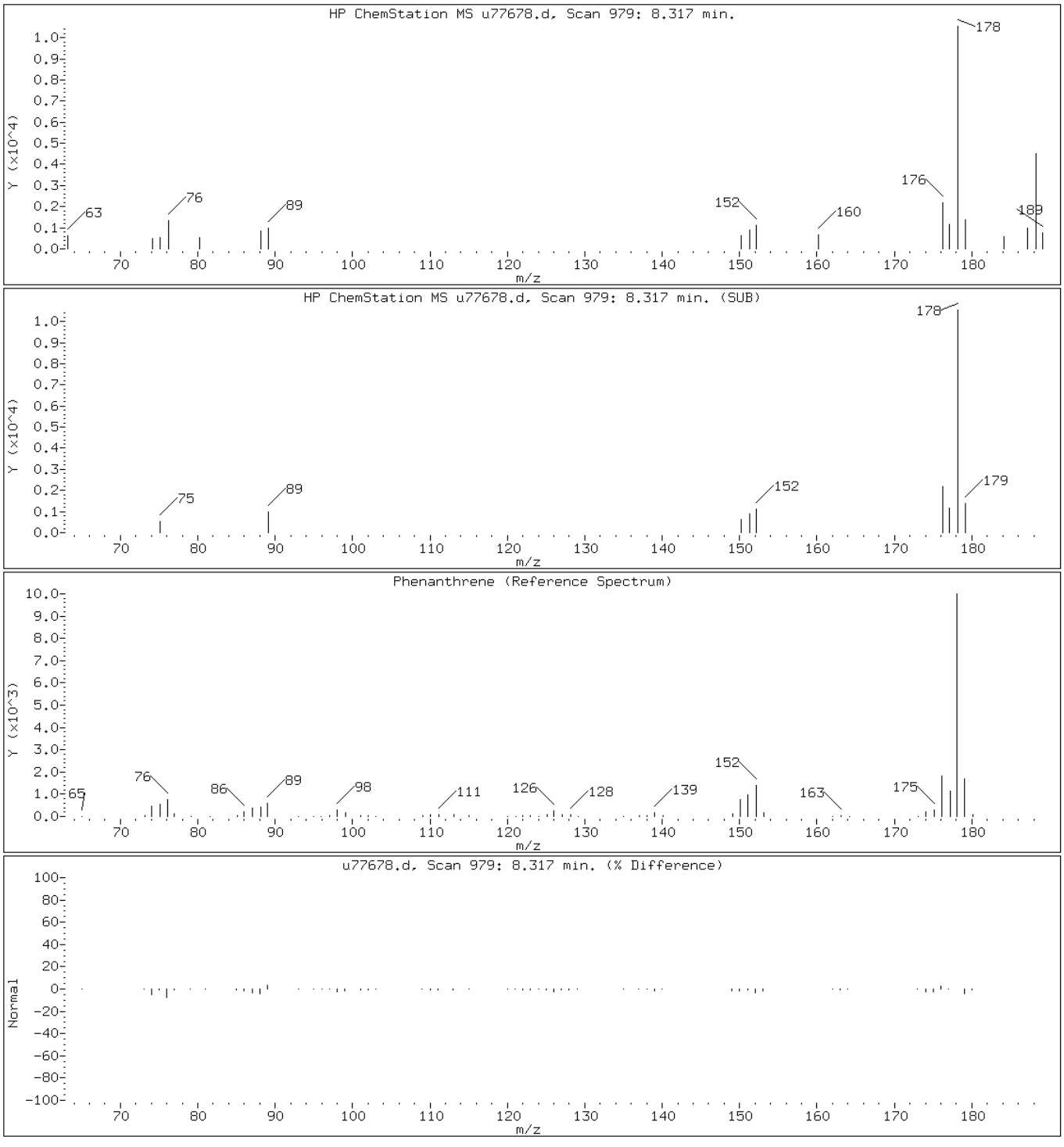
Data File: u77678.d

Date: 24-JUN-2012 09:57

Client ID: F-4 Instrument: BNAMS4.i

Sample Info: 460-41492-D-19-C Operator: BNAMS 4

52 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: u77679.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 10:17

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: u77679.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 10:17

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.: 117392 | 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	49	J	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.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: u77679.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 10:17

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		38-105
4165-62-2	Phenol-d5	92		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	53		10-120
367-12-4	2-Fluorophenol	82		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.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: u77679.d

Analysis Method: 8270C | Date Collected: 06/19/2012 10:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.05(g) | Date Analyzed: 06/24/2012 10:17

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.: 117392 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 2240

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	7.59	1100	J
	Unknown-2	9.71	640	J
	Unknown-3	15.72	500	J

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77679.d
Report Date: 28-Jun-2012 08:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77679.d
Lab Smp Id: 460-41492-D-20-C Client Smp ID: F-5
Inj Date : 24-JUN-2012 10:17
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-20-C
Misc Info : 460-41492-D-20-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 24
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	11.71329	% 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	2.514	2.499	(0.667)	259894	82.0478	6200
$ 17 Phenol-d5 (SUR)	99	3.440	3.448	(0.912)	430201	91.9894	6900
* 79 1,4-Dichlorobenzene-d4	152	3.770	3.778	(1.000)	93706	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.358	(0.856)	175488	30.6524	2300
* 80 Naphthalene-d8	136	5.075	5.082	(1.000)	371162	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.188	(0.903)	259213	31.5074	2400
* 82 Acenaphthene-d10	164	6.841	6.842	(1.000)	259394	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.623	7.629	(1.114)	85371	53.0700	4000
* 83 Phenanthrene-d10	188	8.300	8.306	(1.000)	432917	40.0000	
52 Phenanthrene	178	8.322	8.329	(1.003)	7806	0.64570	48(a)
$ 78 Terphenyl-d14	244	9.876	9.881	(0.902)	369353	45.6607	3400
* 81 Chrysene-d12	240	10.955	10.970	(1.000)	322698	40.0000	
* 84 Perylene-d12	264	12.738	12.744	(1.000)	268149	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77679.d
Report Date: 28-Jun-2012 08:59

QC Flag Legend

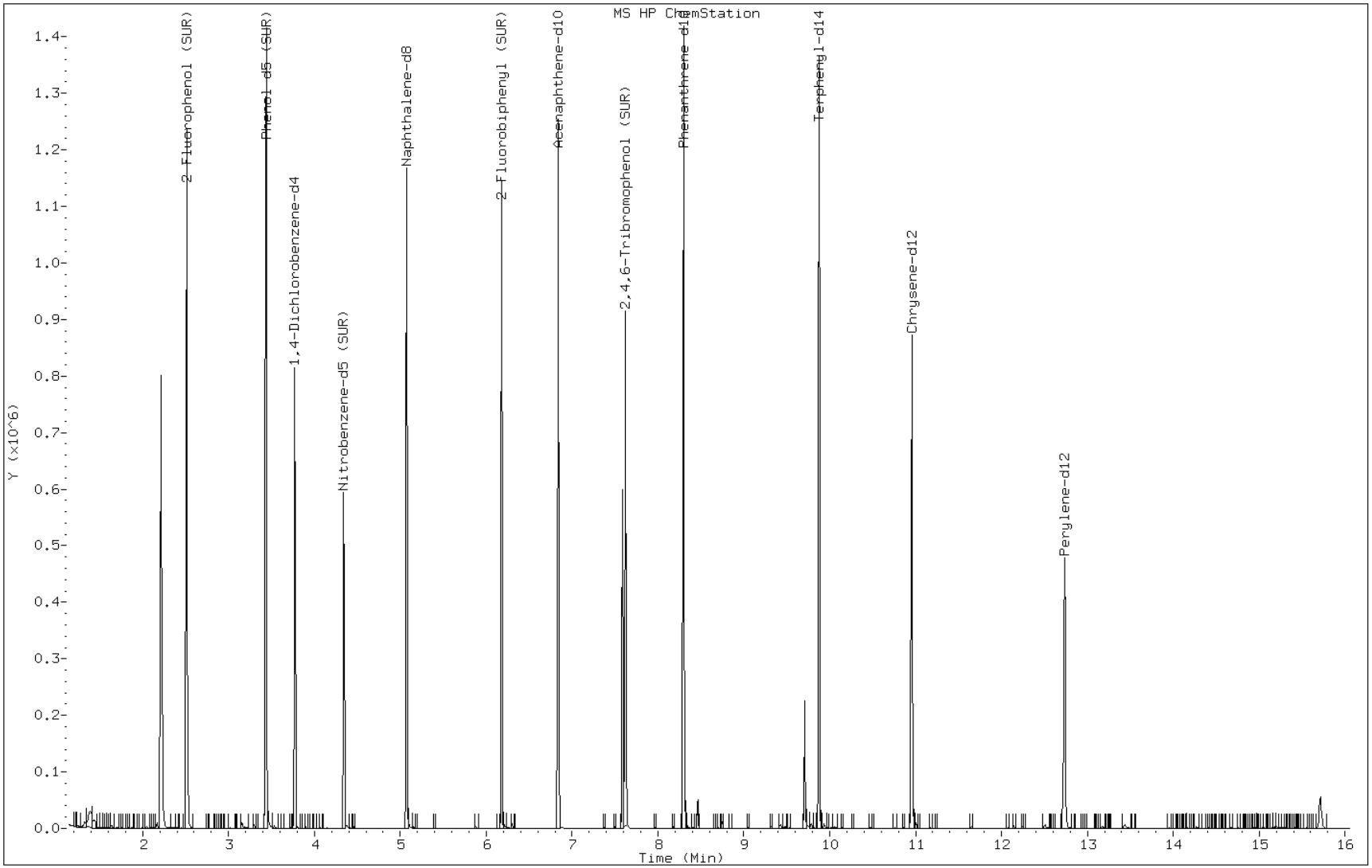
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77679.d

Date: 24-JUN-2012 10:17

Client ID: F-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-20-C Operator: BNAMS 4



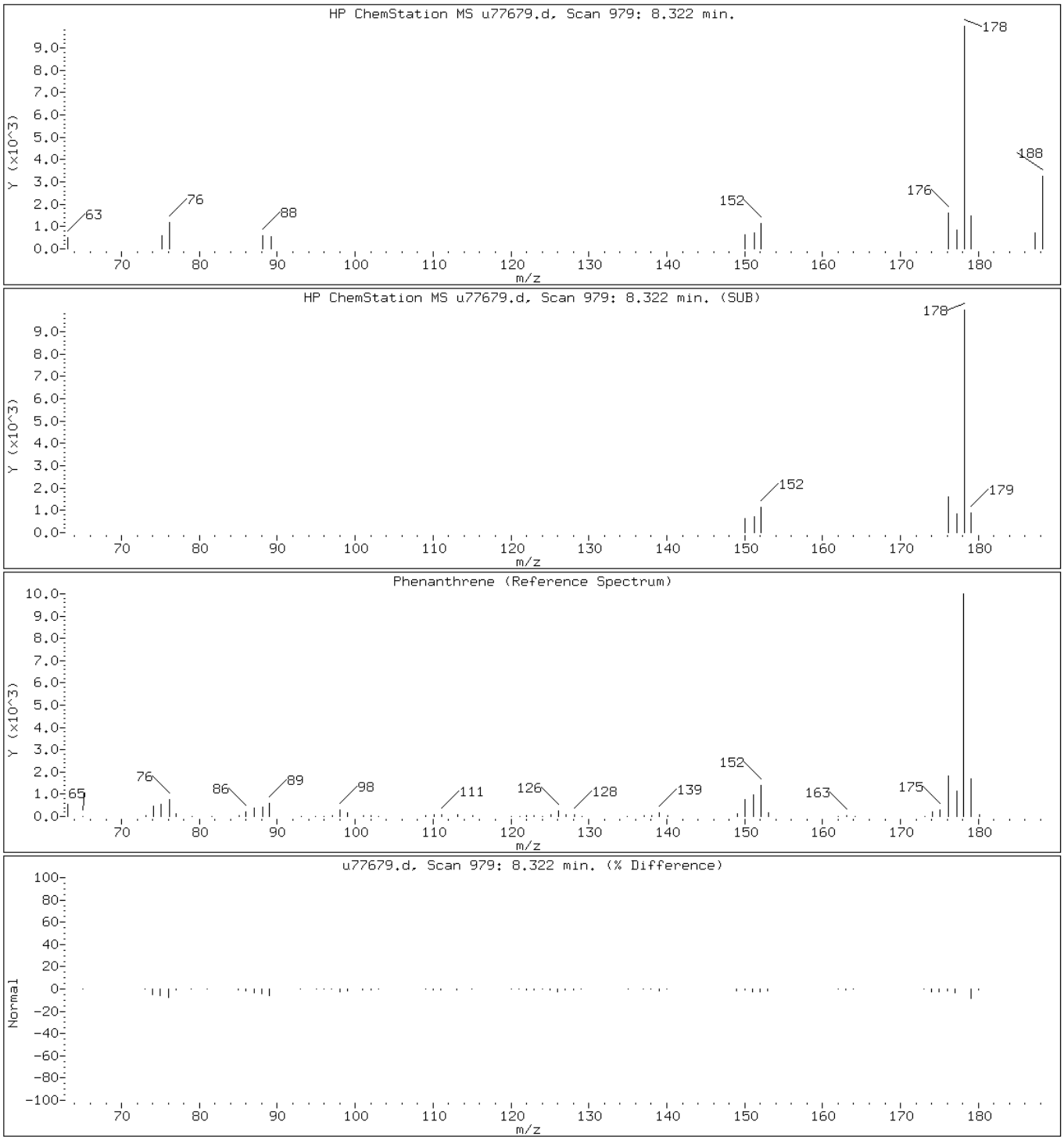
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Date: 24-JUN-2012 10:17

Client ID: F-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-20-C Operator: BNAMS 4

52 Phenanthrene



Data File: u77679.d

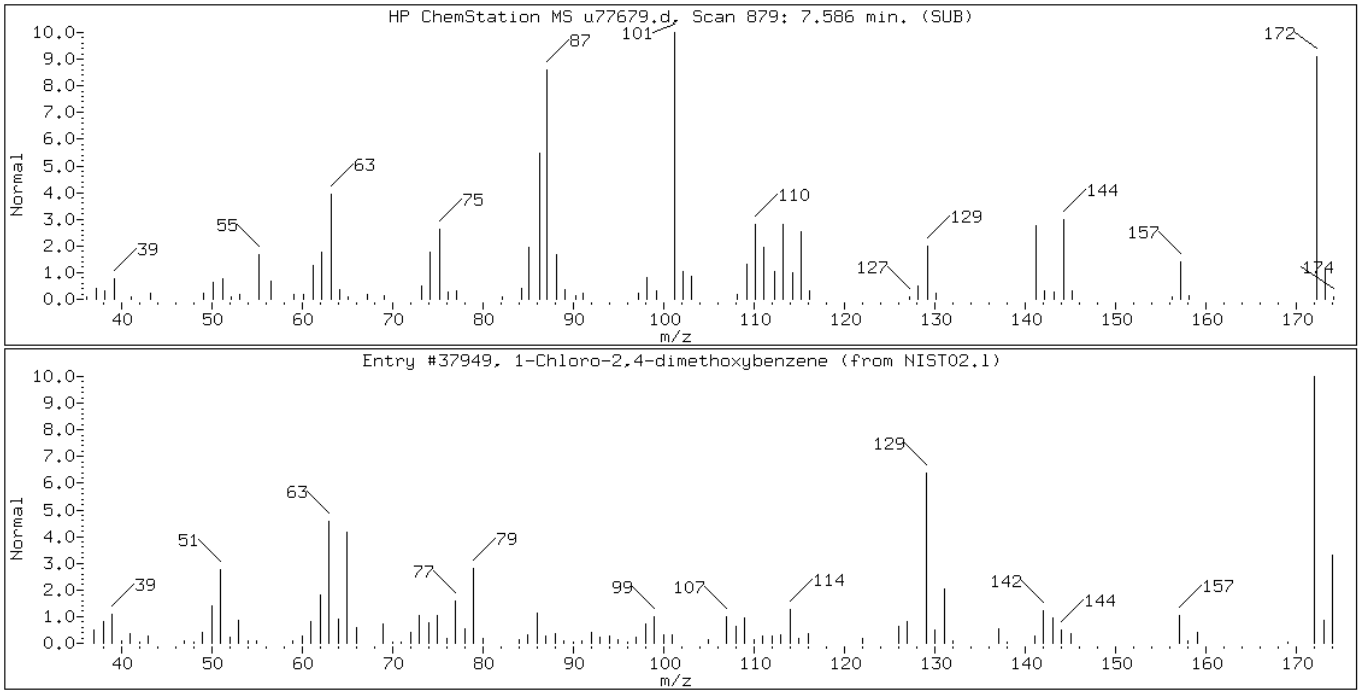
Date: 24-JUN-2012 10:17

Client ID: F-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-20-C Operator: BNAMS 4

Retention Time: 7.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Chloro-2,4-dimethoxybenzene	7051-13-0	NIST02.l	37949	37	C8H9ClO2	172



Data File: u77679.d

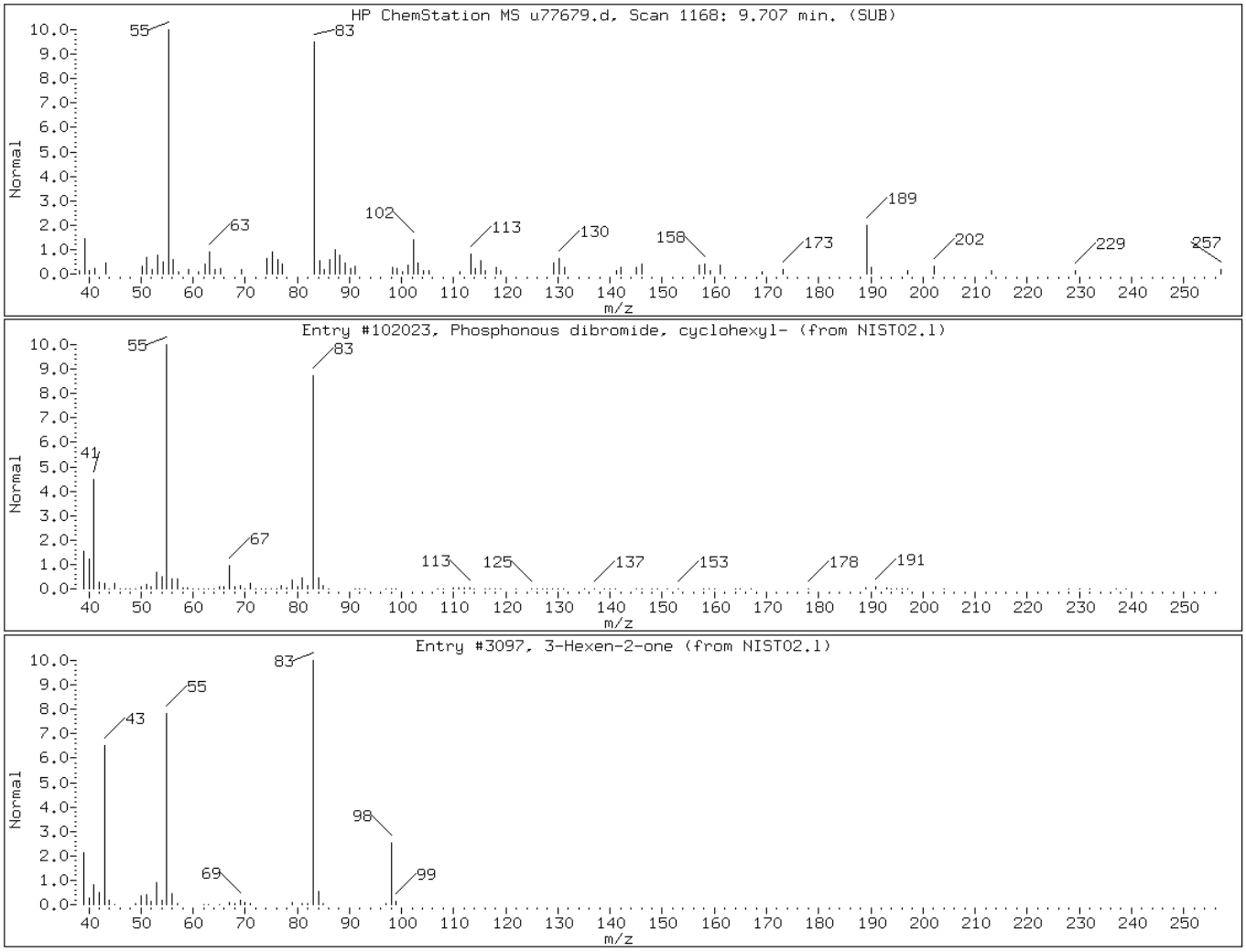
Date: 24-JUN-2012 10:17

Client ID: F-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-20-C Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Phosphonous dibromide, cyclohexyl-	86012-32-0	NIST02.l	102023	47	C6H11Br2P	272
3-Hexen-2-one	763-93-9	NIST02.l	3097	47	C6H10O	98



Data File: u77679.d

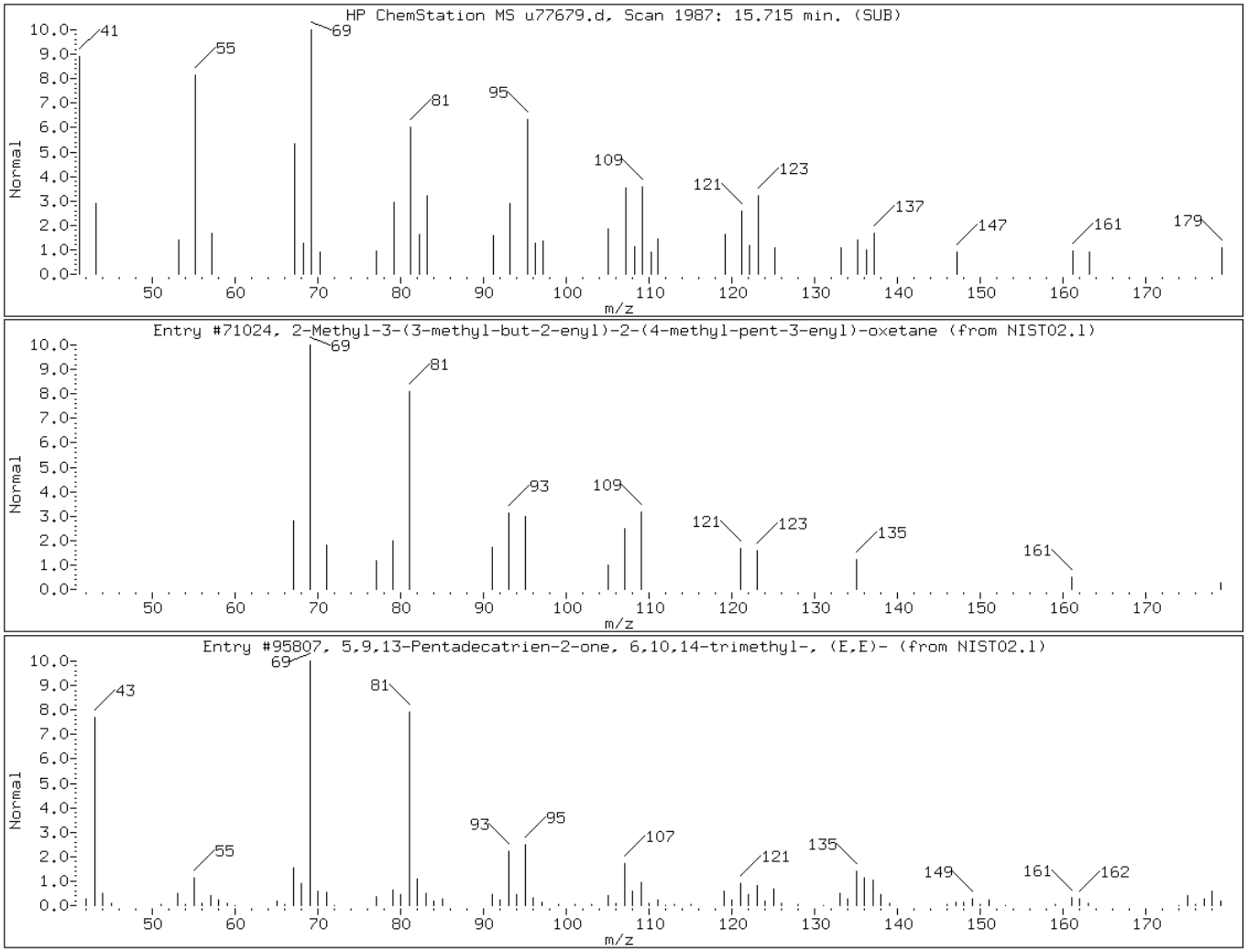
Date: 24-JUN-2012 10:17

Client ID: F-5 Instrument: BNAMS4.i

Sample Info: 460-41492-D-20-C Operator: BNAMS 4

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2-Methyl-3-(3-methyl-but-2-enyl)-2	1000144-10-2	NIST02.l	71024	47	C15H26O	222
5,9,13-Pentadecatrien-2-one, 6,10,	1117-52-8	NIST02.l	95807	35	C18H30O	262



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: p31240.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | 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	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	58	U	380	58
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	6.3	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	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
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	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
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	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	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	770	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.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: p31240.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | 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	220	U	1100	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
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	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	58	J	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	2.7	U	38	2.7
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	7.1	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	770	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	28	U	380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: p31240.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		38-105
4165-62-2	Phenol-d5	66		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	63		37-125
321-60-8	2-Fluorobiphenyl	60		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: p31240.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 03:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | 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/BNAMS10.i/8270/06-06-12/22jun12.b/p31240.d
Report Date: 24-Jun-2012 22:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31240.d
Lab Smp Id: 460-41492-D-21-I Client Smp ID: F-6
Inj Date : 22-JUN-2012 03:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41492-D-21-I
Misc Info : 460-41492-D-21-I
Comment   :
Method   : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.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	15.01000	Weight of sample extracted (g)
M	13.01115	% 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	2.609	2.579	(0.658)	1961848	63.2074	4800
$ 17 Phenol-d5 (SUR)	99	3.608	3.619	(0.910)	2441838	66.1521	5100
* 79 1,4-Dichlorobenzene-d4	152	3.966	3.972	(1.000)	949926	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.589	4.601	(0.857)	1080134	31.2051	2400
* 80 Naphthalene-d8	136	5.353	5.364	(1.000)	3037224	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.493	6.504	(0.907)	1613419	29.9959	2300
* 82 Acenaphthene-d10	164	7.156	7.162	(1.000)	1576375	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.944	7.950	(1.110)	321836	53.6525	4100
* 83 Phenanthrene-d10	188	8.619	8.625	(1.000)	1879090	40.0000	
52 Phenanthrene	178	8.637	8.649	(1.002)	38170	0.75169	58(a)
56 Fluoranthene	202	9.806	9.806	(1.138)	13061	0.30117	23(a)
57 Pyrene	202	10.024	10.024	(0.891)	8450	0.20777	16(a)
$ 78 Terphenyl-d14	244	10.194	10.200	(0.906)	1016661	37.1198	2800

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31240.d
Report Date: 24-Jun-2012 22:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.252	11.258	(1.000)	990909	40.0000	
* 84 Perylene-d12	264	12.991	12.991	(1.000)	866902	40.0000	

QC Flag Legend

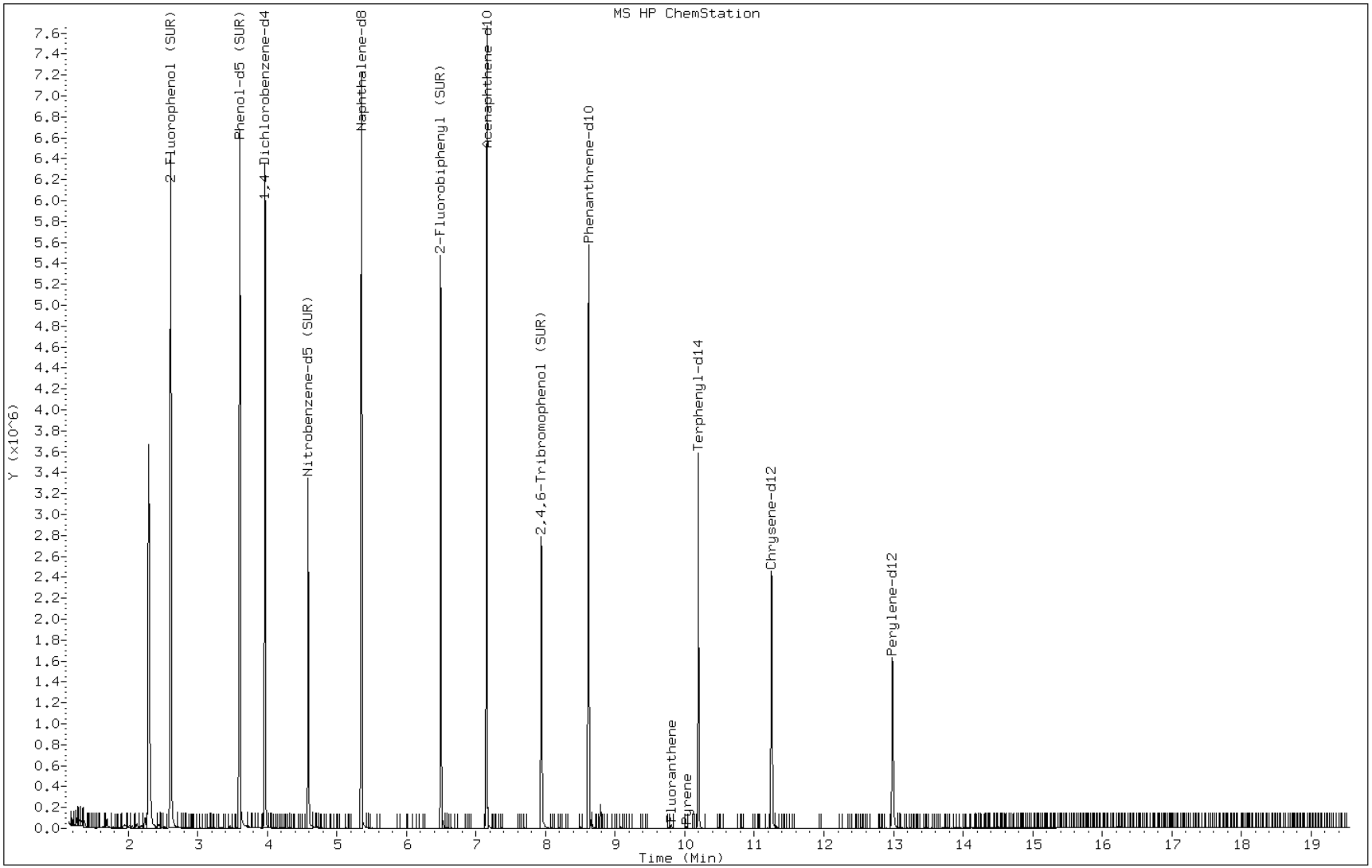
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p31240.d

Date: 22-JUN-2012 03:58

Client ID: F-6 Instrument: BNAMS10.i

Sample Info: 460-41492-D-21-I Operator: BNAMS 4



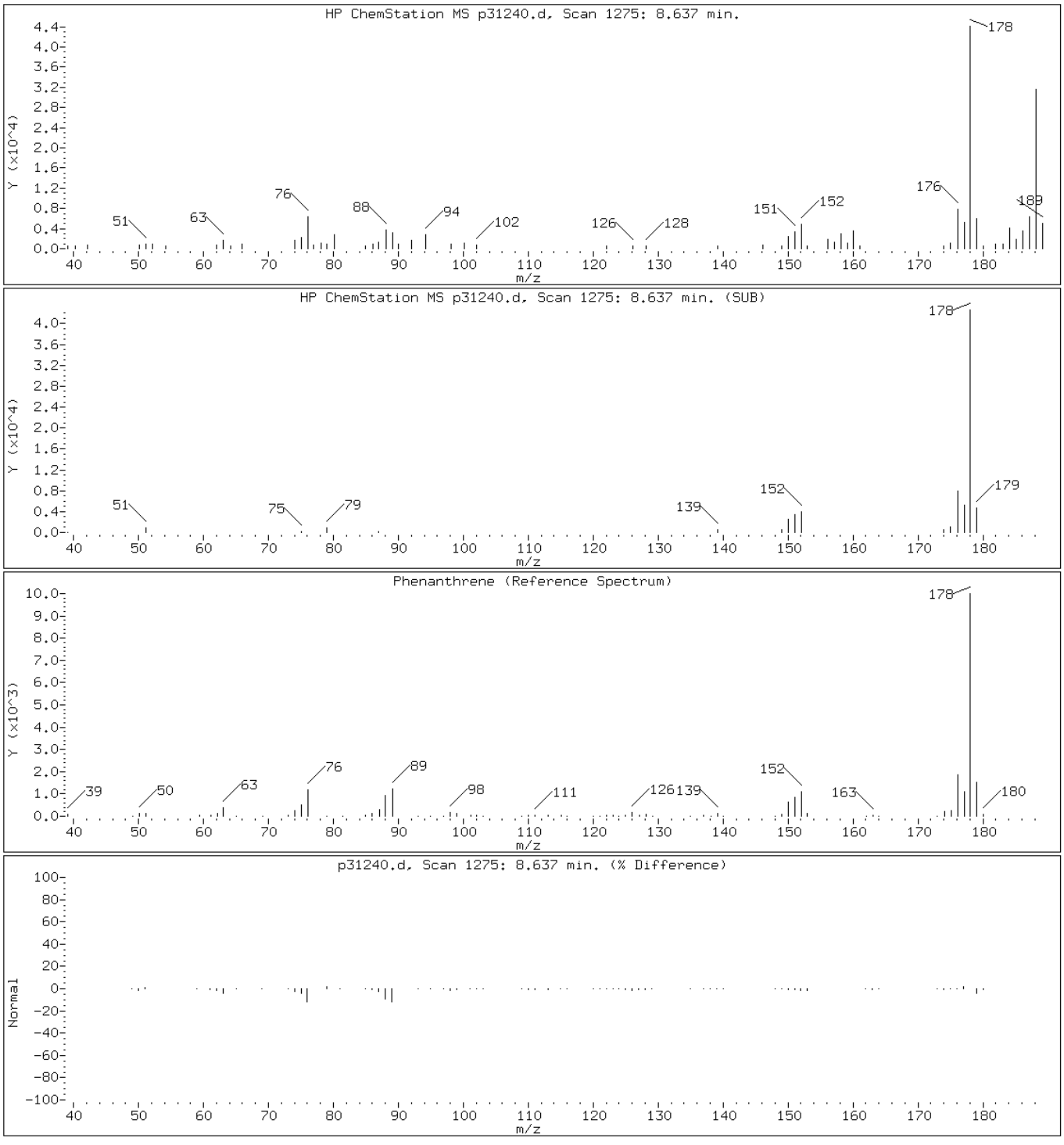
Data File: p31240.d

Date: 22-JUN-2012 03:58

Client ID: F-6 Instrument: BNAMS10.i

Sample Info: 460-41492-D-21-I Operator: BNAMS 4

52 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: u77680.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	71	U	360	71
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]	40	U	360	40
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	44	U	360	44
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
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	95	U	360	95
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
105-60-2	Caprolactam	83	U	360	83
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	47	U	360	47
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	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	730	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.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: u77680.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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	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	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
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	2.7	U	36	2.7
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	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	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.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: u77680.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	41		38-105
4165-62-2	Phenol-d5	63		41-118
1718-51-0	Terphenyl-d14	63		16-151
118-79-6	2,4,6-Tribromophenol	43		10-120
367-12-4	2-Fluorophenol	55		37-125
321-60-8	2-Fluorobiphenyl	42		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: u77680.d

Analysis Method: 8270C | Date Collected: 06/19/2012 15:30

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 10:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | 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/06-20-12/24jun12a.b/u77680.d
Report Date: 28-Jun-2012 09:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77680.d
Lab Smp Id: 460-41492-D-22-C Client Smp ID: F-7
Inj Date : 24-JUN-2012 10:38
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-22-C
Misc Info : 460-41492-D-22-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	15.00000	Weight of sample extracted (g)
M	8.24742	% 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	2.514	2.499	(0.667)	167749	54.9542	4000
$ 17 Phenol-d5 (SUR)	99	3.433	3.448	(0.910)	282109	62.5970	4500
* 79 1,4-Dichlorobenzene-d4	152	3.771	3.778	(1.000)	90302	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.342	4.358	(0.856)	113026	20.3450	1500
* 80 Naphthalene-d8	136	5.072	5.082	(1.000)	360165	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.180	6.188	(0.903)	166692	21.0730	1500
* 82 Acenaphthene-d10	164	6.841	6.842	(1.000)	249404	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.624	7.629	(1.114)	66380	42.9173	3100
* 83 Phenanthrene-d10	188	8.299	8.306	(1.000)	431020	40.0000	
52 Phenanthrene	178	8.322	8.329	(1.003)	6562	0.54519	40(a)
$ 78 Terphenyl-d14	244	9.876	9.881	(0.902)	269281	31.3652	2300
* 81 Chrysene-d12	240	10.954	10.970	(1.000)	342496	40.0000	
* 84 Perylene-d12	264	12.734	12.744	(1.000)	249383	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77680.d
Report Date: 28-Jun-2012 09:00

QC Flag Legend

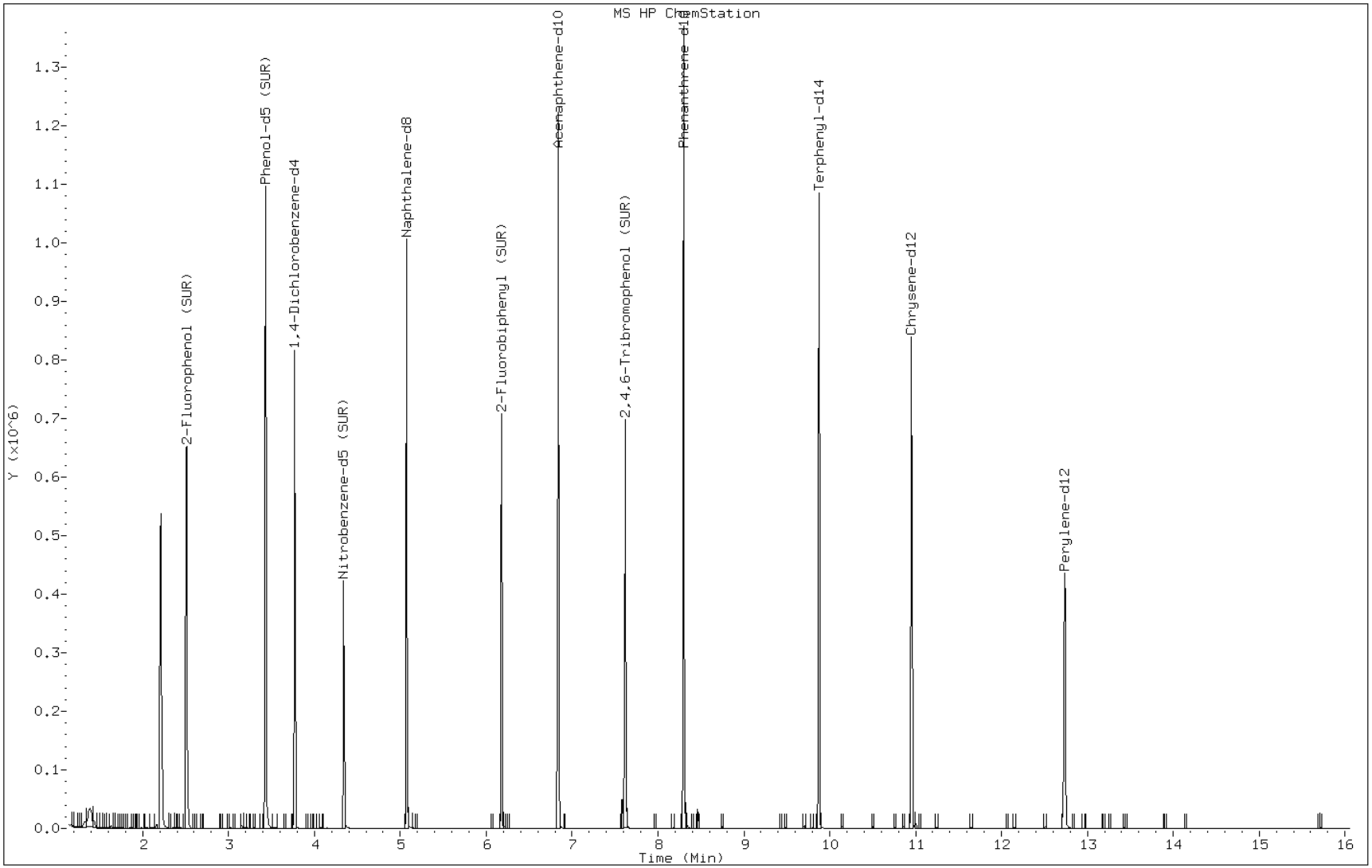
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u77680.d

Date: 24-JUN-2012 10:38

Client ID: F-7 Instrument: BNAMS4.i

Sample Info: 460-41492-D-22-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: p31243.d

Analysis Method: 8270C | Date Collected: 06/19/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 05:22

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.: 117164 | 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.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: p31243.d

Analysis Method: 8270C | Date Collected: 06/19/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 05:22

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.: 117164 | 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	58	J	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.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: p31243.d

Analysis Method: 8270C | Date Collected: 06/19/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 05:22

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.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	38		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	60		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: p31243.d

Analysis Method: 8270C | Date Collected: 06/19/2012 00:00

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 05:22

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.: 117164 | 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/BNAMS10.i/8270/06-06-12/22jun12.b/p31243.d
Report Date: 24-Jun-2012 03:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31243.d
Lab Smp Id: 460-41492-D-23-C Client Smp ID: FD-D
Inj Date : 22-JUN-2012 05:22
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41492-D-23-C
Misc Info : 460-41492-D-23-C
Comment   :
Method   : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.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	10.38462	% 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	2.609	2.579	(0.658)	1884510	60.7355	4500
$ 17 Phenol-d5 (SUR)	99	3.608	3.619	(0.910)	2394250	64.8841	4800
* 79 1,4-Dichlorobenzene-d4	152	3.966	3.972	(1.000)	949616	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.589	4.601	(0.857)	1058756	30.6910	2300
15 Benzoic Acid	122	5.153	5.253	(0.963)	5137	0.36626	27(aH)
* 80 Naphthalene-d8	136	5.353	5.364	(1.000)	3026973	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.493	6.504	(0.907)	1635854	29.8873	2200
* 82 Acenaphthene-d10	164	7.157	7.162	(1.000)	1604102	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.944	7.950	(1.110)	231774	37.9706	2800
* 83 Phenanthrene-d10	188	8.620	8.625	(1.000)	1913483	40.0000	
52 Phenanthrene	178	8.637	8.649	(1.002)	40098	0.77547	58(a)
56 Fluoranthene	202	9.807	9.806	(1.138)	8186	0.18537	14(a)
$ 78 Terphenyl-d14	244	10.194	10.200	(0.906)	1158375	44.0347	3300

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31243.d
Report Date: 24-Jun-2012 03:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.252	11.258	(1.000)	951738	40.0000	
* 84 Perylene-d12	264	12.985	12.991	(1.000)	810985	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: p31243.d

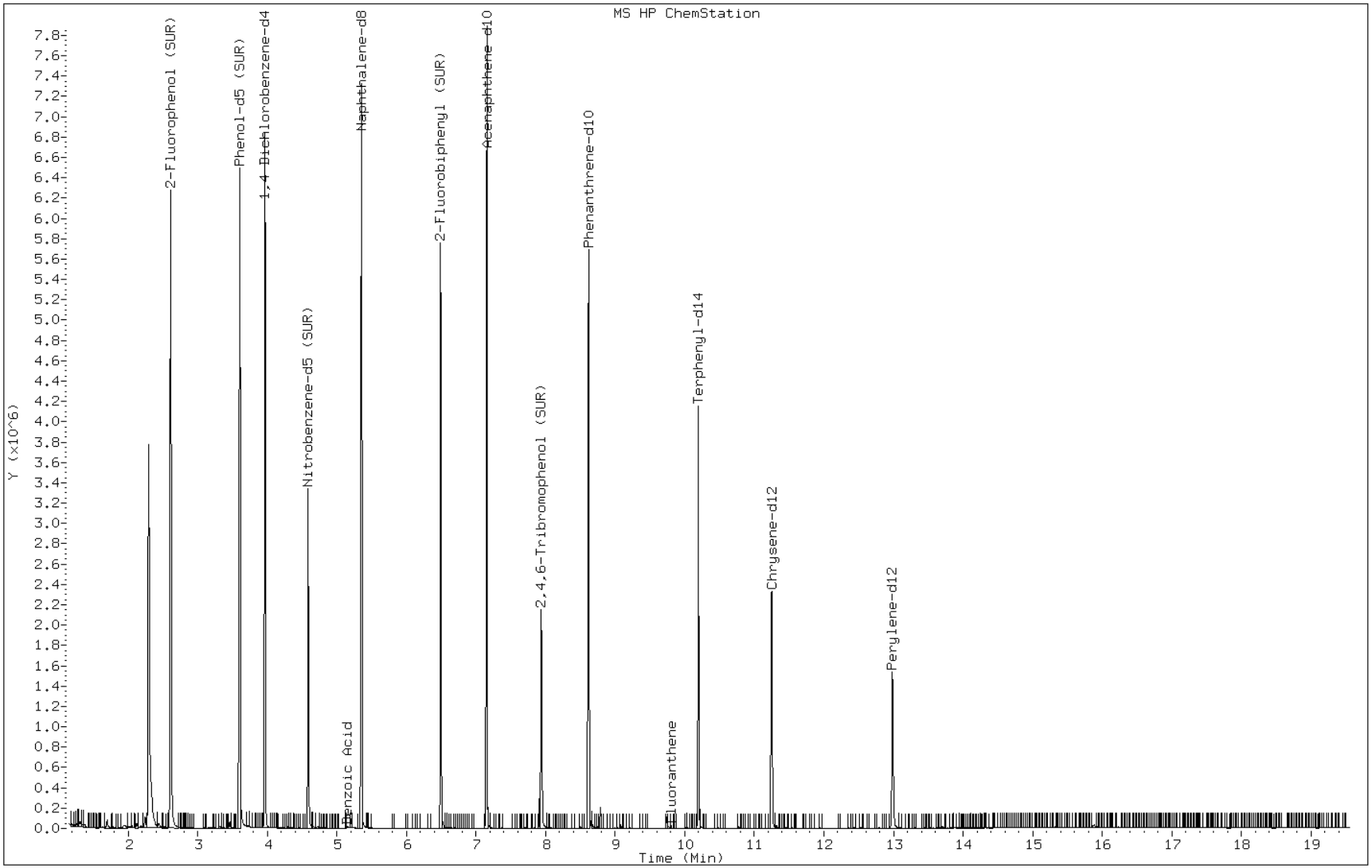
Date: 22-JUN-2012 05:22

Client ID: FD-D

Instrument: BNAMS10.i

Sample Info: 460-41492-D-23-C

Operator: BNAMS 4



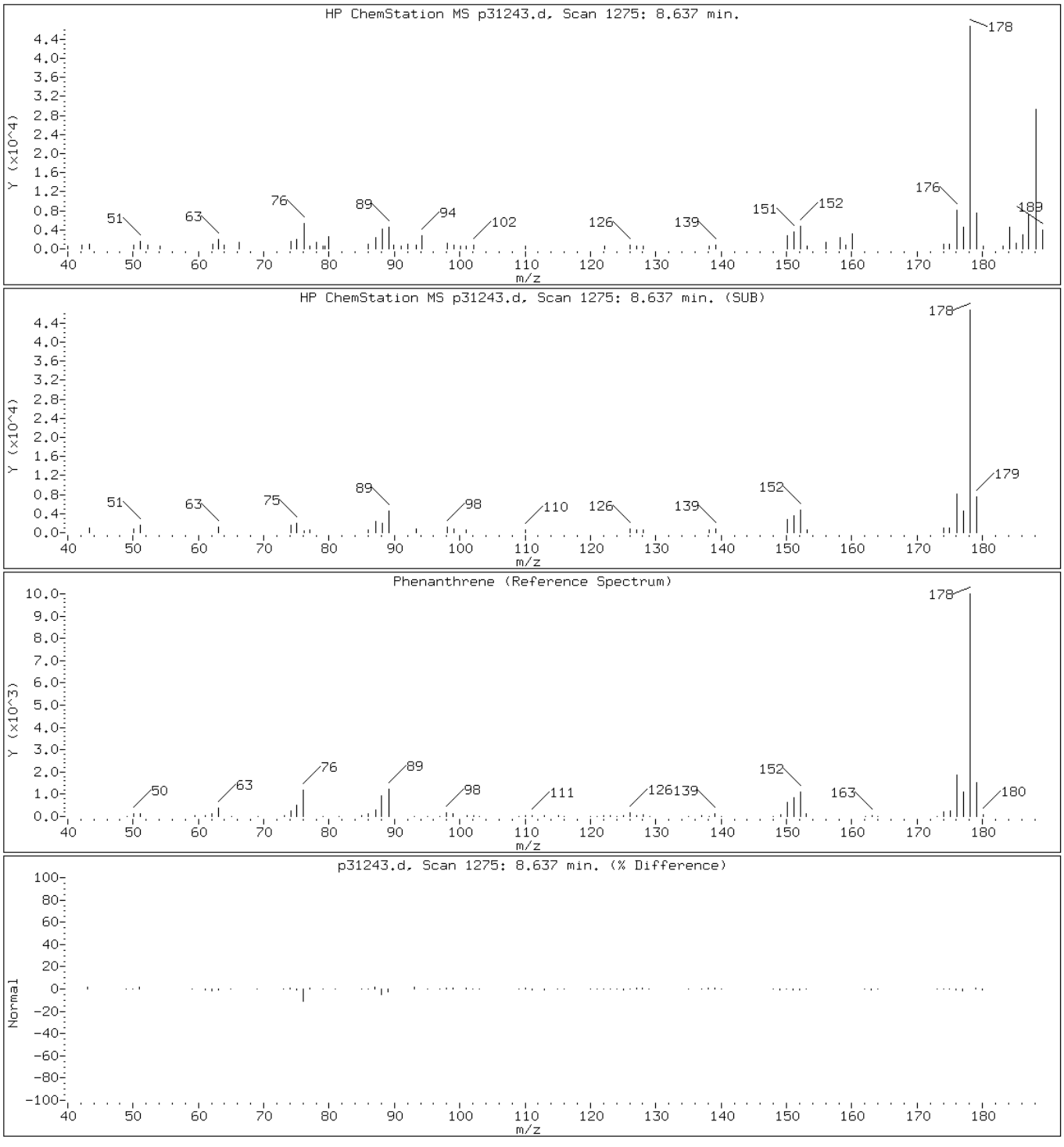
Data File: p31243.d

Date: 22-JUN-2012 05:22

Client ID: FD-D Instrument: BNAMS10.i

Sample Info: 460-41492-D-23-C Operator: BNAMS 4

52 Phenanthrene



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115225/4	p30763.d
Level 2	IC 460-115225/7	p30766.d
Level 3	IC 460-115225/6	p30765.d
Level 4	ICIS 460-115225/2	p30761.d
Level 5	IC 460-115225/5	p30764.d
Level 6	IC 460-115225/3	p30762.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	0.6378 0.6171	0.6305	0.5915	0.5689	0.5954	Ave		0.6068				4.3		15.0			
N-Nitrosodimethylamine	0.8397 0.8626	0.8516	0.8378	0.8163	0.8123	Ave		0.8367				2.3		15.0			
Pyridine	1.4758 1.4779	1.5677	1.4815	1.3770	1.3434	Ave		1.4539				5.6		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1695	+++++	Ave		0.1695						15.0			
Benzaldehyde	0.8731 0.0927	0.6250	0.5882	0.1698	0.2161	Ave		0.4275				73.0	*	15.0			
Aniline	2.0503 1.7131	2.0086	1.9759	1.8484	1.7423	Ave		1.8898				7.6		15.0			
Phenol	1.9531 1.4650	1.8786	1.8181	1.6413	1.5536	Ave		1.7183				11.3		30.0			
Bis(2-chloroethyl)ether	1.6588 1.3387	1.3668	1.3145	1.2972	1.2694	Ave		1.3742				10.4		15.0			
2-Chlorophenol	1.4144 1.1411	1.4250	1.4115	1.2967	1.1980	Ave		1.3145				9.4		15.0			
Decane	1.3996 1.3047	1.3391	1.3281	1.2867	1.2573	Ave		1.3193				3.7		15.0			
1,3-Dichlorobenzene	1.6265 1.4785	1.6342	1.5824	1.5175	1.4468	Ave		1.5476				5.1		15.0			
1,4-Dichlorobenzene	1.6291 1.4553	1.6357	1.6154	1.5104	1.4390	Ave		1.5475				5.8		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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	0.7766 0.7776	0.8224	0.8325	0.8084	0.7772	Ave		0.7991				3.2		15.0			
1,2-Dichlorobenzene	1.5315 1.3519	1.5310	1.4960	1.4136	1.3510	Ave		1.4458				5.9		15.0			
2-Methylphenol	1.1992 0.9959	1.2223	1.1991	1.1025	1.0620	Ave		1.1302				8.1		15.0			
2,2'-oxybis[1-chloropropane]	1.4615 1.2910	1.4449	1.3989	1.3518	1.2883	Ave		1.3727				5.5		15.0			
Acetophenone	1.8571 1.4845	1.8221	1.6921	1.5951	1.4827	Ave		1.6556				9.8		15.0			
N-Nitrosodi-n-propylamine	0.8713 0.8443	0.9220	0.8945	0.8173	0.8388	Ave		0.8647			0.0500	4.5		15.0			
3 & 4 Methylphenol	1.1984 0.9494	1.1901	1.2180	1.0526	1.0272	Ave		1.1059				10.0		15.0			
4-Methylphenol	1.1816 0.9494	1.1851	1.1989	1.0551	1.0301	Ave		1.1000				9.4		15.0			
Hexachloroethane	0.6323 0.5907	0.6201	0.6102	0.6014	0.5818	Ave		0.6061				3.1		15.0			
Nitrobenzene	0.7867 0.5321	0.6381	0.6136	0.5790	0.5394	LinF		0.5414							0.9975		0.9900
n,n'-Dimethylaniline	1.7538 1.6096	1.9379	1.9045	1.7411	1.6173	Ave		1.7607				7.9		15.0			
Isophorone	0.7378 0.6566	0.7393	0.6874	0.6659	0.6666	Ave		0.6923				5.4		15.0			
2-Nitrophenol	0.2106 0.2025	0.2285	0.2199	0.2208	0.2165	Ave		0.2165				4.2		30.0			
2,4-Dimethylphenol	0.3637 0.3069	0.3826	0.3563	0.3325	0.3284	Ave		0.3451				8.0		15.0			
Bis(2-chloroethoxy)methane	0.4376 0.4022	0.4618	0.4300	0.4226	0.4068	Ave		0.4268				5.1		15.0			
Benzoic acid	0.1462 0.1906	0.1767	0.1993	0.1998	0.1993	Ave		0.1853				11.4		15.0			
2,4-Dichlorophenol	0.3229 0.2656	0.3312	0.3167	0.3014	0.2899	Ave		0.3046				8.0		30.0			
1,2,4-Trichlorobenzene	0.3789 0.3421	0.3866	0.3619	0.3515	0.3407	Ave		0.3603				5.3		15.0			
Naphthalene	1.1717 0.8435	1.1888	1.0961	0.9773	0.8745	Ave		1.0253				14.6		15.0			
4-Chloroaniline	0.4189 0.3505	0.4250	0.4135	0.3783	0.3663	Ave		0.3921				7.9		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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	0.2150 0.1938	0.2143	0.2026	0.1969	0.1933	Ave		0.2026				4.9		30.0			
Caprolactam	0.0838 0.0861	0.0877	0.0860	0.0905	0.0794	Ave		0.0856				4.4		15.0			
4-Chloro-3-methylphenol	0.3266 0.2613	0.3259	0.3104	0.2984	0.2739	Ave		0.2994				9.0		30.0			
2-Methylnaphthalene	0.7119 0.5962	0.7223	0.6877	0.6511	0.6174	Ave		0.6644				7.7		15.0			
1-Methylnaphthalene	0.7401 0.6049	0.7262	0.7072	0.6639	0.6228	Ave		0.6775				8.3		15.0			
Hexachlorocyclopentadiene	0.3036 0.3893	0.2993	0.3276	0.3797	0.3748	Ave		0.3457			0.0500	11.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.6267 0.5768	0.6362	0.6515	0.6101	0.6008	Ave		0.6170				4.3		30.0			
2-tertbutyl-4-methylphenol	0.5270 0.4223	0.4937	0.4831	0.4418	0.4216	Ave		0.4649				9.2		15.0			
2,4,6-Trichlorophenol	0.3727 0.3611	0.3753	0.3804	0.3755	0.3768	Ave		0.3736				1.8		30.0			
2,4,5-Trichlorophenol	0.3857 0.3656	0.3984	0.3860	0.3811	0.3812	Ave		0.3830				2.8		15.0			
Diphenyl	1.6423 1.3062	1.6455	1.5916	1.4461	1.3180	Ave		1.4916				10.5		15.0			
2-Chloronaphthalene	1.2357 1.0905	1.2297	1.1995	1.1219	1.1045	Ave		1.1636				5.6		15.0			
Diphenyl ether	0.8693 0.8132	0.8849	0.8601	0.8360	0.8047	Ave		0.8447				3.8		15.0			
2-Nitroaniline	0.3867 0.3466	0.3683	0.3744	0.3353	0.3225	Ave		0.3556				7.0		15.0			
Dimethylnaphthalene, total	1.0337 0.9688	1.0458	1.0429	0.9899	0.9446	Ave		1.0043				4.2		15.0			
Dimethyl phthalate	1.1816 1.0706	1.1574	1.1012	1.0657	1.0163	Ave		1.0988				5.6		15.0			
Coumarin	0.2023 0.1980	0.1979	0.1949	0.1911	0.1809	Ave		0.1942				3.9		15.0			
2,6-Dinitrotoluene	0.2309 0.2826	0.2709	0.2653	0.2686	0.2669	Ave		0.2642				6.6		15.0			
Acenaphthylene	1.9447 1.5211	1.8641	1.8005	1.6420	1.5180	Ave		1.7151				10.6		15.0			
3-Nitroaniline	0.2910 0.2764	0.2784	0.2811	0.2586	0.2543	Ave		0.2733				5.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	1.1282 1.0162	1.1248	1.1030	1.0471	0.9919	Ave		1.0685				5.5		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.0790 0.9259	1.0598	1.0607	0.9751	0.9054	Ave		1.0010				7.6		15.0			
2,4-Dinitrophenol	0.0961 0.1545	0.1054	0.1244	0.1410	0.1428	QuaF		8.0688	-3.506		0.0500				0.9977		0.9900
4-Nitrophenol	0.1785 0.2015	0.1739	0.1921	0.1944	0.1897	Ave		0.1883			0.0500	5.5		15.0			
Dibenzofuran	1.5868 1.3509	1.5765	1.5288	1.3897	1.3202	Ave		1.4588				8.2		15.0			
2,4-Dinitrotoluene	0.3082 0.3500	0.3241	0.3222	0.3227	0.3081	Ave		0.3226				4.7		15.0			
2,3,4,6-Tetrachlorophenol	0.2430 0.2504	0.2445	0.2379	0.2528	0.2440	Ave		0.2455				2.2		30.0			
Diethyl phthalate	1.1162 1.0747	1.0976	1.0640	1.0338	0.9751	Ave		1.0602				4.8		15.0			
Fluorene	1.2585 1.1110	1.2496	1.2026	1.1401	1.0591	Ave		1.1701				6.8		15.0			
4-Chlorophenyl phenyl ether	0.6161 0.5533	0.5910	0.5673	0.5519	0.5383	Ave		0.5696				5.1		15.0			
4-Nitroaniline	0.2385 0.2206	0.2283	0.2353	0.2083	0.2158	Ave		0.2245				5.2		15.0			
4,6-Dinitro-2-methylphenol	0.1128 0.1458	0.1203	0.1351	0.1405	0.1519	Ave		0.1344				11.2		15.0			
N-Nitrosodiphenylamine	0.6537 0.6093	0.6084	0.6143	0.6058	0.6183	Ave		0.6183				2.9		30.0			
1,2-Diphenylhydrazine	0.9760 0.9756	1.1895	1.1268	1.0792	1.0176	Ave		1.0608				8.2		15.0			
4-Bromophenyl phenyl ether	0.2477 0.2478	0.2398	0.2333	0.2393	0.2427	Ave		0.2418				2.3		15.0			
Hexachlorobenzene	0.2667 0.2553	0.2558	0.2469	0.2508	0.2525	Ave		0.2547				2.6		15.0			
Atrazine	0.2048 0.2109	0.2104	0.2041	0.2104	0.2068	Ave		0.2079				1.5		15.0			
Pentachlorophenol	0.1045 0.1446	0.1071	0.1185	0.1402	0.1398	Ave		0.1258				14.3		30.0			
Pentachloronitrobenzene	0.1021 0.0964	0.0954	0.0958	0.0966	0.1005	Ave		0.0978				2.9					
n-Octadecane	0.5428 0.5395	0.5675	0.5631	0.5491	0.5407	Ave		0.5504				2.2		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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	1.1737 1.0091	1.1575	1.0977	1.0572	0.9903	Ave		1.0809				7.0		15.0			
Anthracene	1.1658 0.9958	1.1683	1.1201	1.0682	1.0161	Ave		1.0891				6.8		15.0			
Carbazole	0.9511 0.8329	0.9348	0.8972	0.8629	0.8375	Ave		0.8861				5.6		15.0			
Di-n-butyl phthalate	1.1576 1.0368	1.1752	1.1136	1.1014	1.0511	Ave		1.1060				5.0		15.0			
Fluoranthene	0.9929 0.8621	0.9743	0.9140	0.9020	0.8936	Ave		0.9232				5.4		30.0			
Benzidine	0.1746 0.0471	0.2832	0.2247	0.0584	0.0768	Ave		0.1441				68.0	*	15.0			
Pyrene	1.6747 1.5327	1.8280	1.6738	1.6219	1.5192	Ave		1.6417				6.9		15.0			
Butyl benzyl phthalate	0.6716 0.7304	0.7241	0.6778	0.7125	0.7018	Ave		0.7030				3.4		15.0			
Carbamazepine	0.3902 0.5504	0.4399	0.4986	0.5175	0.5305	Ave		0.4879				12.5		15.0			
3,3'-Dichlorobenzidine	0.4040 0.2894	0.3930	0.3812	0.3069	0.3071	Ave		0.3469				14.7		15.0			
Benzo[a]anthracene	1.4145 1.1624	1.2167	1.1513	1.1498	1.1398	Ave		1.2057				8.8		15.0			
Chrysene	1.1714 1.0621	1.1244	1.1180	1.0936	1.0769	Ave		1.1077				3.5		15.0			
Bis(2-ethylhexyl) phthalate	0.9254 0.9573	0.9480	0.8721	0.9312	0.9315	Ave		0.9276				3.2		15.0			
Di-n-octyl phthalate	1.7300 1.8739	1.8591	1.7633	1.9764	1.8943	Ave		1.8495				4.9		30.0			
Benzo[b]fluoranthene	1.2114 1.3239	1.2635	1.3040	1.2925	1.2932	Ave		1.2814				3.1		15.0			
Benzo[k]fluoranthene	1.3216 1.3839	1.4110	1.3595	1.3516	1.3632	Ave		1.3651				2.2		15.0			
Benzo[a]pyrene	1.0155 1.1320	1.0836	1.0613	1.0702	1.1011	Ave		1.0773				3.6		30.0			
Indeno[1,2,3-cd]pyrene	1.1522 1.1779	1.0075	1.0077	1.0989	1.1165	Ave		1.0934				6.6		15.0			
Dibenz(a,h)anthracene	0.8241 1.1402	0.9478	0.9885	1.0519	1.0670	Ave		1.0033				11.0		15.0			
Benzo[g,h,i]perylene	0.9724 1.1462	1.0140	1.0216	1.0579	1.0771	Ave		1.0482				5.7		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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	1.3624 1.2264	1.3835	1.3829	1.2919	1.1947	Ave		1.3070				6.3		15.0			
Phenol-d5	1.6761 1.4188	1.6549	1.6120	1.5403	1.4239	Ave		1.5543				7.3		15.0			
Nitrobenzene-d5	0.4782 0.4325	0.4787	0.4588	0.4541	0.4329	Ave		0.4559				4.5		15.0			
2-Fluorobiphenyl	1.4708 1.2736	1.4429	1.4035	1.3391	1.2592	Ave		1.3649				6.5		15.0			
2,4,6-Tribromophenol	0.1531 0.1614	0.1500	0.1493	0.1517	0.1478	Ave		0.1522				3.2		15.0			
Terphenyl-d14	1.1056 1.0764	1.2072	1.1007	1.0996	1.0441	Ave		1.1056				5.0		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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115225/4	p30763.d
Level 2	IC 460-115225/7	p30766.d
Level 3	IC 460-115225/6	p30765.d
Level 4	ICIS 460-115225/2	p30761.d
Level 5	IC 460-115225/5	p30764.d
Level 6	IC 460-115225/3	p30762.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	66383 1337876	163920	273406	701777	1078096	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	87399 1870199	221423	387255	1006887	1470921	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	153617 3203999	407607	684846	1698527	2432617	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	2035	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	90875 200971	162499	271898	209490	391306	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	213411 3713938	522219	913345	2280035	3155016	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	203299 3176047	488439	840408	2024646	2813324	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	17266 2902212	355357	607624	1600100	2298604	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	147223 2473822	370508	652476	1599494	2169408	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	145678 2828607	348169	613931	1587149	2276761	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	169296 3205427	424877	731457	1871855	2619828	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	169565 3154962	425278	746702	1863148	2605664	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	80837 1685775	213827	384801	997192	1407415	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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	159413 2930842	398050	691525	1743705	2446343	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	124821 2159135	317804	554272	1360033	1923101	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	152124 2798913	375661	646657	1667492	2332898	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	193300 3218464	473744	782188	1967656	2684815	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	9069 1830535	239712	413474	1008207	1518946	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	124739 2058286	309430	563015	1298392	1859953	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	122987 2058286	308131	554206	1301487	1865235	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	6581 1280735	161225	282087	741900	1053473	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	LinF	25705 3487825	499321	877128	2156362	2953613	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	18255 3489685	503842	880354	2147667	2928558	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	241081 4303698	578484	982617	2480207	3649900	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	68815 1327207	178808	314392	822247	1185294	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	118834 2011393	299360	509375	1238448	1798193	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	142976 2636339	361342	614762	1573930	2227675	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	47783 1249339	138227	284974	744322	1091581	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	105507 1741146	259166	452757	1122647	1587188	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	12380 2242431	302472	517410	1309076	1865538	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	382849 5528924	930236	1566856	3639854	4788752	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	136877 2297320	332522	591093	1408844	2005758	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	14047 1270198	167651	289557	733358	1058234	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	27383 564606	68592	122936	337001	434909	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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	106717 1713045	254974	443707	1111429	1499907	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	232597 3907943	565164	983034	2424906	3380505	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	241831 3965263	568247	1010913	2472703	3410119	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	51450 1238178	120206	233610	698568	1013676	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	106189 1834568	255483	464602	1122509	1625097	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	172186 2768353	386314	690563	1645378	2308504	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	63143 1148459	150724	271244	690933	1019192	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	65355 1162831	159977	275267	701168	1031074	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	278277 4154483	660753	1135027	2660753	3564655	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	209377 3468505	493794	855370	2064138	2987365	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	147291 2586570	355332	613376	1538125	2176450	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	131046 1102399	147890	266980	616830	872217	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	175143 3081592	419942	743697	1821409	2554899	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	200216 3405265	464774	785288	1960854	2748874	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	66089 1298125	154833	278553	711824	990329	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	7825 898757	108794	189205	494132	721947	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	329511 4838032	748551	1284017	3021066	4105650	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	98603 879210	111787	200491	475847	687799	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	191156 3232265	451664	786606	1926563	2682897	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	182824 2944984	425575	756398	1794006	2448788	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	48838 491374	84621	133059	259449	386297	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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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-Nitrophenol	ANT	Ave	90721 641001	139697	205481	357628	512950	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	268865 4296839	633043	1090253	2556850	3570625	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	10446 1113117	130161	229797	593655	833282	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	41173 796553	98198	169685	465158	659940	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	189130 3418315	440747	758742	1902146	2637454	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	213235 3533807	501782	857604	2097673	2864635	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	104388 1759733	237325	404540	1015427	1455972	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	80810 701613	91666	167780	383271	583793	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	73405 582490	120281	180284	311319	487508	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	141746 2434906	304090	546438	1342469	1984697	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	211623 3898713	594539	1002392	2391425	3266357	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	53706 990105	119875	207561	530376	779150	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	5783 1020196	127843	219655	555857	810491	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	44409 842774	105178	181577	466237	663891	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	67978 577956	107108	158094	310571	448742	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	22149 385023	47681	85252	214078	322498	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	117686 2155768	283667	500888	1216825	1735501	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	254497 4032589	578571	976453	2342634	3178731	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	252779 3979407	583926	996394	2367132	3261655	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	206219 3328503	467228	798168	1912161	2688185	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	250990 4143263	587388	990679	2440538	3374078	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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	215287 3444925	487002	813061	1998820	2868452	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	37862 188307	283097	299836	129323	246441	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	209832 3350257	469335	784728	1947450	2825385	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	84151 1596567	185897	317754	855517	1305234	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	48892 1203180	112939	233746	621386	986606	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	101247 632557	201802	268051	368542	571134	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	17723 2540866	312369	539779	1380602	2119778	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	146774 2321684	288687	524164	1313064	2002739	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	115955 2092484	243383	408857	1118138	1732309	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	161382 3146012	331541	614111	1652804	2538142	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	11300 2222553	225328	454140	1080913	1732650	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	12328 2323420	251631	473470	1130307	1826483	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	9473 1900383	193236	369609	894958	1475325	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	10748 1977587	179662	350939	918983	1495931	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	7688 1914237	169028	344262	879684	1429604	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	90712 1924235	180819	355805	884681	1443105	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	141808 2658841	359708	639262	1593622	2163371	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	174462 3076011	430261	745160	1900022	2578296	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	156253 2835033	374544	655834	1691195	2370647	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	249209 4050782	579400	1000907	2463898	3405801	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	25937 513260	60238	106471	279189	399670	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.: 460-41492-1 Analy Batch No.: 115225

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 12:19 Calibration End Date: 06/06/2012 14:41 Calibration ID: 15916

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	138524 2352917	309928	516037	1320347	1941833	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/8270/06-06-12/06jun12.b/p30761.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30761.d
Lab Smp Id: ICIS-1519304
Inj Date : 06-JUN-2012 12:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : ICIS-1519304
Misc Info : 50ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 12:19 Cal File: p30761.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)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.367	1.367	(0.325)	701777	50.0000	47
	19 N-Nitrosodimethylamine	74	1.602	1.602	(0.381)	1006887	50.0000	49
	71 Pyridine	79	1.620	1.620	(0.385)	1698527	50.0000	47
$	16 2-Fluorophenol (SUR)	112	2.801	2.801	(0.666)	1593622	50.0000	49
	110 Benzaldehyde	77	3.712	3.712	(0.883)	209490	50.0000	20
$	17 Phenol-d5 (SUR)	99	3.841	3.841	(0.913)	1900022	50.0000	50
	73 Aniline	93	3.841	3.841	(0.913)	2280035	50.0000	49
	1 Phenol	94	3.859	3.859	(0.918)	2024646	50.0000	48
	20 bis(2-Chloroethyl)ether	93	3.929	3.929	(0.934)	1600100	50.0000	47
	2 2-Chlorophenol	128	3.982	3.982	(0.947)	1599494	50.0000	49
	113 n-decane	43	4.052	4.052	(0.964)	1587149	50.0000	49
	21 1,3-Dichlorobenzene	146	4.141	4.141	(0.985)	1871855	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	4.205	4.205	(1.000)	986830	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30761.d
Report Date: 06-Jun-2012 15:04

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	4.223	4.223	(1.004)	1863148	50.0000	49
	74 Benzyl Alcohol	108	4.381	4.381	(1.042)	997192	50.0000	50
	23 1,2-Dichlorobenzene	146	4.387	4.387	(1.043)	1743705	50.0000	49
	3 2-Methylphenol	108	4.523	4.523	(1.075)	1360033	50.0000	49
	24 bis (2-chloroisopropyl) ether	45	4.528	4.528	(1.077)	1667492	50.0000	49
	104 Acetophenone	105	4.669	4.669	(1.110)	1967656	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	4.681	4.681	(1.113)	1008207	50.0000	47
	4 4-Methylphenol	108	4.699	4.699	(1.117)	1301487	50.0000	48
	123 3 & 4 Methylphenol	108	4.699	4.699	(1.117)	1298392	50.0000	48
	26 Hexachloroethane	117	4.752	4.752	(1.130)	741900	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	4.822	4.822	(0.864)	1691195	50.0000	50
	27 Nitrobenzene	77	4.846	4.846	(0.868)	2156362	50.0000	53
	107 N,N-Dimethylaniline	120	4.852	4.852	(1.154)	2147667	50.0000	49
	28 Isophorone	82	5.110	5.110	(0.916)	2480207	50.0000	48
	5 2-Nitrophenol	139	5.186	5.186	(0.929)	822247	50.0000	51
	6 2,4-Dimethylphenol	122	5.263	5.263	(0.943)	1238448	50.0000	48
	29 bis(2-Chloroethoxy)methane	93	5.357	5.357	(0.960)	1573930	50.0000	50
	15 Benzoic Acid	122	5.451	5.451	(0.977)	744322	50.0000	54(M)
	7 2,4-Dichlorophenol	162	5.451	5.451	(0.977)	1122647	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.527	5.527	(0.991)	1309076	50.0000	49
*	80 Naphthalene-d8	136	5.580	5.580	(1.000)	2979524	40.0000	
	31 Naphthalene	128	5.604	5.604	(1.004)	3639854	50.0000	48
	32 4-Chloroaniline	127	5.674	5.674	(1.017)	1408844	50.0000	48
	33 Hexachlorobutadiene	225	5.750	5.750	(1.031)	733358	50.0000	48
	111 Caprolactam	113	6.080	6.080	(1.089)	337001	50.0000	53
	8 4-Chloro-3-methylphenol	107	6.215	6.215	(1.114)	1111429	50.0000	50
	34 2-Methylnaphthalene	142	6.326	6.326	(1.134)	2424906	50.0000	49
	120 1-Methylnaphthalene	142	6.426	6.426	(1.152)	2472703	50.0000	49
	35 Hexachlorocyclopentadiene	237	6.497	6.497	(0.881)	698568	50.0000	55
	129 1,2,4,5-Tetrachlorobenzene	216	6.508	6.508	(0.882)	1122509	50.0000	49
	121 2-tert-Butyl-4-methylphenol	149	6.567	6.567	(1.177)	1645378	50.0000	48
	9 2,4,6-Trichlorophenol	196	6.632	6.632	(0.899)	690933	50.0000	50
	10 2,4,5-Trichlorophenol	196	6.673	6.673	(0.904)	701168	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.714	6.714	(0.910)	2463898	50.0000	49
	102 Diphenyl	154	6.808	6.808	(0.923)	2660753	50.0000	48
	36 2-Chloronaphthalene	162	6.820	6.820	(0.924)	2064138	50.0000	48
	103 Diphenyl Ether	170	6.914	6.914	(0.937)	1538125	50.0000	49
	37 2-Nitroaniline	65	6.937	6.937	(0.940)	616830	50.0000	47
	125 1,3-Dimethylnaphthalene	156	7.049	7.049	(0.955)	1821409	50.0000	49
	38 Dimethylphthalate	163	7.137	7.137	(0.967)	1960854	50.0000	48
	114 Coumarin	146	7.143	7.143	(1.280)	711824	50.0000	49
	40 2,6-Dinitrotoluene	165	7.190	7.190	(0.975)	494132	50.0000	51
	39 Acenaphthylene	152	7.237	7.237	(0.981)	3021066	50.0000	48
	41 3-Nitroaniline	138	7.355	7.355	(0.997)	475847	50.0000	47
*	82 Acenaphthene-d10	164	7.378	7.378	(1.000)	1471927	40.0000	
	42 Acenaphthene	154	7.413	7.413	(1.005)	1926563	50.0000	49
	122 2,6-Di-tert-butyl-p-cresol	205	7.425	7.425	(1.006)	1794006	50.0000	49

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30761.d
Report Date: 06-Jun-2012 15:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.460	7.460	(1.011)	259449	50.0000	52
	12 4-Nitrophenol	65	7.548	7.548	(1.023)	357628	50.0000	52
	44 2,4-Dinitrotoluene	165	7.590	7.590	(1.029)	593655	50.0000	50
	43 Dibenzofuran	168	7.584	7.584	(1.028)	2556850	50.0000	48
	130 2,3,4,6-Tetrachlorophenol	232	7.719	7.719	(1.046)	465158	50.0000	51
	45 Diethylphthalate	149	7.836	7.836	(1.062)	1902146	50.0000	49
	47 Fluorene	166	7.924	7.924	(1.074)	2097673	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.930	7.930	(1.075)	1015427	50.0000	48
	48 4-Nitroaniline	138	7.960	7.960	(1.079)	383271	50.0000	46
	13 4,6-Dinitro-2-methylphenol	198	7.995	7.995	(0.904)	311319	50.0000	52
	49 N-Nitrosodiphenylamine	169	8.054	8.054	(0.911)	1342469	50.0000	49
	75 1,2-Diphenylhydrazine	77	8.089	8.089	(0.915)	2391425	50.0000	51
$	18 2,4,6-Tribromophenol (SUR)	330	8.165	8.165	(1.107)	279189	50.0000	50
	50 4-Bromophenyl-phenylether	248	8.412	8.412	(0.951)	530376	50.0000	49
	51 Hexachlorobenzene	284	8.477	8.477	(0.959)	555857	50.0000	49
	112 Atrazine	200	8.594	8.594	(0.972)	466237	50.0000	50
	14 Pentachlorophenol	266	8.671	8.671	(0.981)	310571	50.0000	56
	132 Pentachloronitrobenzene	237	8.688	8.688	(0.983)	214078	50.0000	49
	115 n-Octadecane	57	8.776	8.776	(0.993)	1216825	50.0000	50
*	83 Phenanthrene-d10	188	8.841	8.841	(1.000)	1772738	40.0000	
	52 Phenanthrene	178	8.870	8.870	(1.003)	2342634	50.0000	49
	53 Anthracene	178	8.917	8.917	(1.009)	2367132	50.0000	49
	54 Carbazole	167	9.082	9.082	(1.027)	1912161	50.0000	49
	55 Di-n-butylphthalate	149	9.446	9.446	(1.068)	2440538	50.0000	50
	56 Fluoranthene	202	10.034	10.034	(1.135)	1998820	50.0000	49
	58 Benzidine	184	10.175	10.175	(1.151)	129323	50.0000	20
	57 Pyrene	202	10.251	10.251	(0.890)	1947450	50.0000	49
$	78 Terphenyl-d14	244	10.422	10.422	(0.905)	1320347	50.0000	50
	59 Butylbenzylphthalate	149	10.921	10.921	(0.948)	855517	50.0000	51
	109 2,3,7,8-TCDD (Screen)	320	11.009	11.009	(0.956)	2035	0.50000	0.50
	124 Carbamazepine	193	11.021	11.021	(0.957)	621386	50.0000	53
	60 3,3'-Dichlorobenzidine	252	11.491	11.491	(0.998)	368542	50.0000	44
	61 Benzo(a)anthracene	228	11.503	11.503	(0.999)	1380602	50.0000	48
*	81 Chrysene-d12	240	11.514	11.514	(1.000)	960580	40.0000	
	62 Chrysene	228	11.544	11.544	(1.003)	1313064	50.0000	49
	63 bis(2-Ethylhexyl)phthalate	149	11.573	11.573	(1.005)	1118138	50.0000	50
	64 Di-n-octylphthalate	149	12.378	12.378	(0.929)	1652804	50.0000	53
	65 Benzo(b)fluoranthene	252	12.825	12.825	(0.963)	1080913	50.0000	50
	66 Benzo(k)fluoranthene	252	12.860	12.860	(0.966)	1130307	50.0000	50
	67 Benzo(a)pyrene	252	13.248	13.248	(0.995)	894958	50.0000	50
*	84 Perylene-d12	264	13.318	13.318	(1.000)	669019	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.723	14.723	(1.105)	918983	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.752	14.752	(1.108)	879684	50.0000	52
	70 Benzo(g,h,i)perylene	276	15.075	15.075	(1.132)	884681	50.0000	50

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30761.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

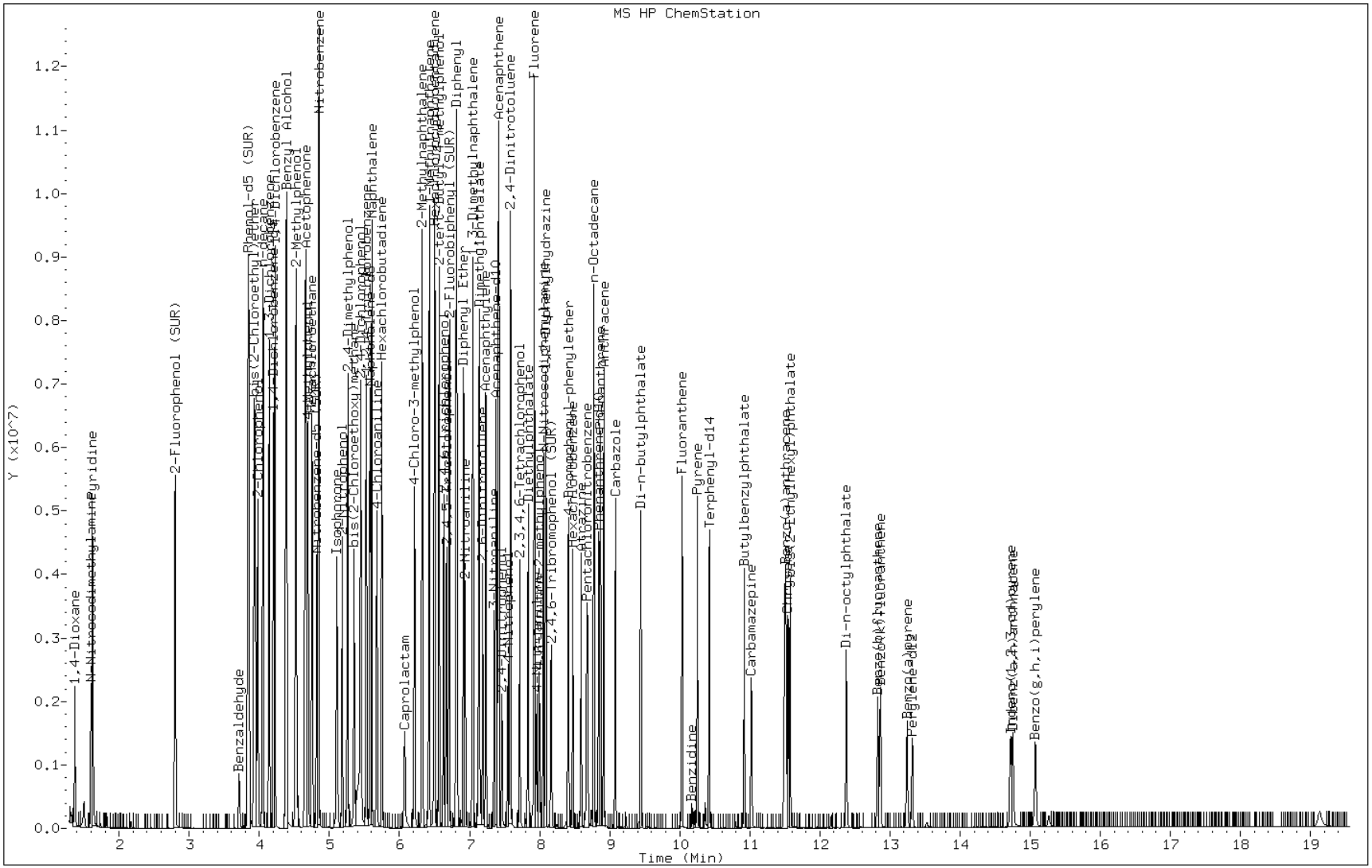
M - Compound response manually integrated.

Data File: p30761.d

Date: 06-JUN-2012 12:19

Client ID: Instrument: BNAMS10.i

Sample Info: ICIS-1519304 Operator: BNAMS 4



Manual Integration Report

Data File: p30761.d
Inj. Date and Time: 06-JUN-2012 12:19
Instrument ID: BNAMS10.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/07/2012

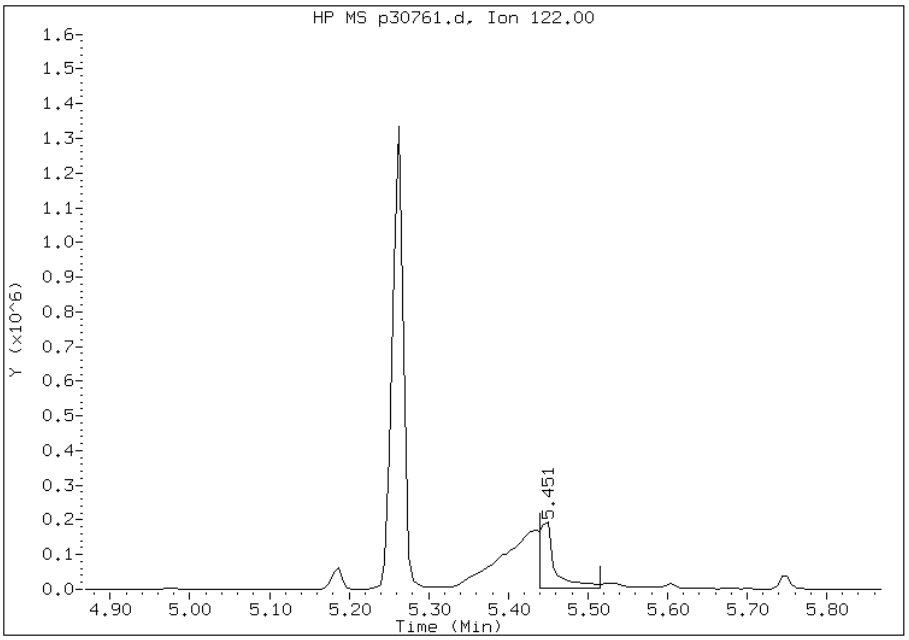
Processing Integration Results

RT: 5.45

Response: 275489

Amount: 50

Conc: 50



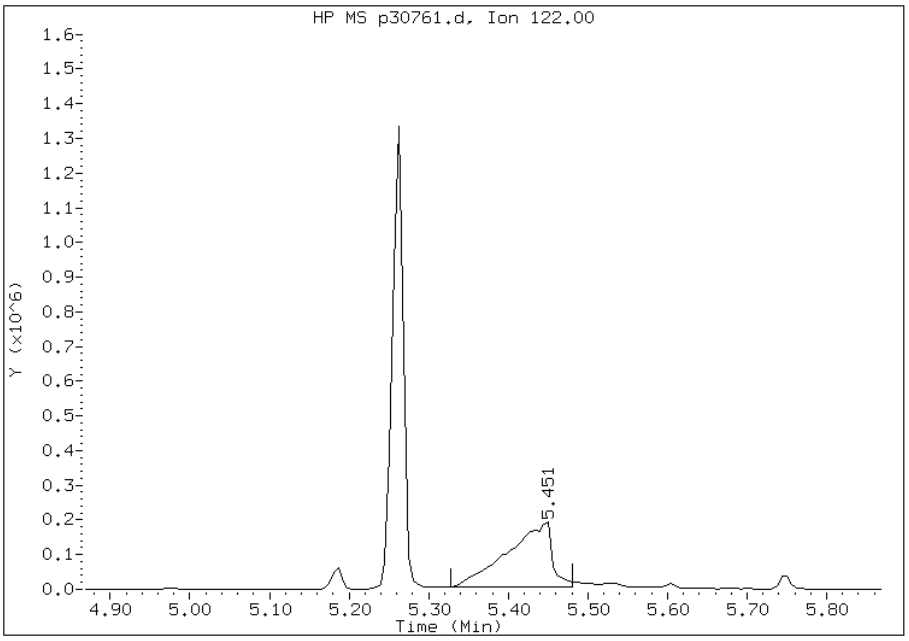
Manual Integration Results

RT: 5.45

Response: 744322

Amount: 54

Conc: 54



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30762.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30762.d
Lab Smp Id: IC-1519307
Inj Date : 06-JUN-2012 12:49
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1519307
Misc Info : 120ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 12:49 Cal File: p30762.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	1.432	1.432	(0.340)	1337876	120.000	120(AH)
	19 N-Nitrosodimethylamine	74	1.690	1.690	(0.401)	1870199	120.000	120(AM)
	71 Pyridine	79	1.679	1.679	(0.399)	3203999	120.000	120(AM)
$	16 2-Fluorophenol (SUR)	112	2.854	2.854	(0.678)	2658841	120.000	110
	110 Benzaldehyde	77	3.729	3.729	(0.886)	200971	120.000	26
$	17 Phenol-d5 (SUR)	99	3.858	3.858	(0.916)	3076011	120.000	110
	73 Aniline	93	3.853	3.853	(0.915)	3713938	120.000	110
	1 Phenol	94	3.876	3.876	(0.920)	3176047	120.000	100
	20 bis(2-Chloroethyl)ether	93	3.952	3.952	(0.939)	2902212	120.000	120
	2 2-Chlorophenol	128	3.999	3.999	(0.950)	2473822	120.000	100
	113 n-decane	43	4.058	4.058	(0.964)	2828607	120.000	120
	21 1,3-Dichlorobenzene	146	4.152	4.152	(0.986)	3205427	120.000	110
*	79 1,4-Dichlorobenzene-d4	152	4.211	4.211	(1.000)	722662	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30762.d
Report Date: 06-Jun-2012 15:04

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	22 1,4-Dichlorobenzene	146	4.234	4.234	(1.006)	3154962	120.000	110
	74 Benzyl Alcohol	108	4.387	4.387	(1.042)	1685775	120.000	120
	23 1,2-Dichlorobenzene	146	4.399	4.399	(1.045)	2930842	120.000	110
	3 2-Methylphenol	108	4.534	4.534	(1.077)	2159135	120.000	100
	24 bis (2-chloroisopropyl) ether	45	4.534	4.534	(1.077)	2798913	120.000	110
	104 Acetophenone	105	4.675	4.675	(1.110)	3218464	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.693	4.693	(1.114)	1830535	120.000	120(M)
	4 4-Methylphenol	108	4.710	4.710	(1.119)	2058286	120.000	100
	123 3 & 4 Methylphenol	108	4.710	4.710	(1.119)	2058286	120.000	100
	26 Hexachloroethane	117	4.757	4.757	(1.130)	1280735	120.000	120
$	76 Nitrobenzene-d5 (SUR)	82	4.834	4.834	(0.865)	2835033	120.000	110
	27 Nitrobenzene	77	4.863	4.863	(0.871)	3487825	120.000	120
	107 N,N-Dimethylaniline	120	4.863	4.863	(1.155)	3489685	120.000	110
	28 Isophorone	82	5.116	5.116	(0.916)	4303698	120.000	110
	5 2-Nitrophenol	139	5.192	5.192	(0.930)	1327207	120.000	110
	6 2,4-Dimethylphenol	122	5.269	5.269	(0.943)	2011393	120.000	110
	29 bis(2-Chloroethoxy)methane	93	5.363	5.363	(0.960)	2636339	120.000	110
	15 Benzoic Acid	122	5.486	5.486	(0.982)	1249339	120.000	120(A)
	7 2,4-Dichlorophenol	162	5.457	5.457	(0.977)	1741146	120.000	100
	30 1,2,4-Trichlorobenzene	180	5.533	5.533	(0.991)	2242431	120.000	110
*	80 Naphthalene-d8	136	5.586	5.586	(1.000)	2184968	40.0000	
	31 Naphthalene	128	5.609	5.609	(1.004)	5528924	120.000	99
	32 4-Chloroaniline	127	5.680	5.680	(1.017)	2297320	120.000	110
	33 Hexachlorobutadiene	225	5.750	5.750	(1.029)	1270198	120.000	110
	111 Caprolactam	113	6.120	6.120	(1.096)	564606	120.000	120(A)
	8 4-Chloro-3-methylphenol	107	6.226	6.226	(1.115)	1713045	120.000	100
	34 2-Methylnaphthalene	142	6.332	6.332	(1.134)	3907943	120.000	110
	120 1-Methylnaphthalene	142	6.432	6.432	(1.151)	3965263	120.000	110
	35 Hexachlorocyclopentadiene	237	6.502	6.502	(0.881)	1238178	120.000	140(A)
	129 1,2,4,5-Tetrachlorobenzene	216	6.508	6.508	(0.882)	1834568	120.000	110
	121 2-tert-Butyl-4-methylphenol	149	6.573	6.573	(1.177)	2768353	120.000	110
	9 2,4,6-Trichlorophenol	196	6.638	6.638	(0.900)	1148459	120.000	120
	10 2,4,5-Trichlorophenol	196	6.679	6.679	(0.905)	1162831	120.000	110
$	77 2-Fluorobiphenyl (SUR)	172	6.714	6.714	(0.910)	4050782	120.000	110
	102 Diphenyl	154	6.814	6.814	(0.924)	4154483	120.000	100
	36 2-Chloronaphthalene	162	6.826	6.826	(0.925)	3468505	120.000	110
	103 Diphenyl Ether	170	6.920	6.920	(0.938)	2586570	120.000	120
	37 2-Nitroaniline	65	6.949	6.949	(0.942)	1102399	120.000	120
	125 1,3-Dimethylnaphthalene	156	7.049	7.049	(0.955)	3081592	120.000	120
	38 Dimethylphthalate	163	7.143	7.143	(0.968)	3405265	120.000	120
	114 Coumarin	146	7.149	7.149	(1.280)	1298125	120.000	120(A)
	40 2,6-Dinitrotoluene	165	7.196	7.196	(0.975)	898757	120.000	130(A)
	39 Acenaphthylene	152	7.237	7.237	(0.981)	4838032	120.000	110
	41 3-Nitroaniline	138	7.360	7.360	(0.998)	879210	120.000	120(A)
*	82 Acenaphthene-d10	164	7.378	7.378	(1.000)	1060229	40.0000	
	42 Acenaphthene	154	7.413	7.413	(1.005)	3232265	120.000	110
	122 2,6-Di-tert-butyl-p-cresol	205	7.425	7.425	(1.006)	2944984	120.000	110

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30762.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.472	7.472	(1.013)	491374	120.000	120
	12 4-Nitrophenol	65	7.554	7.554	(1.024)	641001	120.000	130(A)
	44 2,4-Dinitrotoluene	165	7.595	7.595	(1.029)	1113117	120.000	130(A)
	43 Dibenzofuran	168	7.589	7.589	(1.029)	4296839	120.000	110
	130 2,3,4,6-Tetrachlorophenol	232	7.725	7.725	(1.047)	796553	120.000	120(A)
	45 Diethylphthalate	149	7.842	7.842	(1.063)	3418315	120.000	120(A)
	47 Fluorene	166	7.930	7.930	(1.075)	3533807	120.000	110
	46 4-Chlorophenyl-phenylether	204	7.936	7.936	(1.076)	1759733	120.000	120
	48 4-Nitroaniline	138	7.977	7.977	(1.081)	701613	120.000	120
	13 4,6-Dinitro-2-methylphenol	198	8.007	8.007	(0.905)	582490	120.000	130(A)
	49 N-Nitrosodiphenylamine	169	8.059	8.059	(0.911)	2434906	120.000	120
	75 1,2-Diphenylhydrazine	77	8.095	8.095	(0.915)	3898713	120.000	110
$	18 2,4,6-Tribromophenol (SUR)	330	8.171	8.171	(1.107)	513260	120.000	130(A)
	50 4-Bromophenyl-phenylether	248	8.412	8.412	(0.951)	990105	120.000	120(A)
	51 Hexachlorobenzene	284	8.477	8.477	(0.958)	1020196	120.000	120(A)
	112 Atrazine	200	8.600	8.600	(0.972)	842774	120.000	120(A)
	14 Pentachlorophenol	266	8.676	8.676	(0.981)	577956	120.000	140(A)
	132 Pentachloronitrobenzene	237	8.688	8.688	(0.982)	385023	120.000	120
	115 n-Octadecane	57	8.776	8.776	(0.992)	2155768	120.000	120
*	83 Phenanthrene-d10	188	8.847	8.847	(1.000)	1332022	40.0000	
	52 Phenanthrene	178	8.870	8.870	(1.003)	4032589	120.000	110
	53 Anthracene	178	8.923	8.923	(1.009)	3979407	120.000	110
	54 Carbazole	167	9.088	9.088	(1.027)	3328503	120.000	110
	55 Di-n-butylphthalate	149	9.446	9.446	(1.068)	4143263	120.000	110
	56 Fluoranthene	202	10.040	10.040	(1.135)	3444925	120.000	110
	58 Benzidine	184	10.175	10.175	(1.150)	188307	120.000	39
	57 Pyrene	202	10.257	10.257	(0.890)	3350257	120.000	110
$	78 Terphenyl-d14	244	10.421	10.421	(0.905)	2352917	120.000	120
	59 Butylbenzylphthalate	149	10.921	10.921	(0.948)	1596567	120.000	120(A)
	124 Carbamazepine	193	11.027	11.027	(0.957)	1203180	120.000	140(A)
	60 3,3'-Dichlorobenzidine	252	11.491	11.491	(0.997)	632557	120.000	100
	61 Benzo(a)anthracene	228	11.508	11.508	(0.999)	2540866	120.000	120
*	81 Chrysene-d12	240	11.520	11.520	(1.000)	728620	40.0000	
	62 Chrysene	228	11.550	11.550	(1.003)	2321684	120.000	120
	63 bis(2-Ethylhexyl)phthalate	149	11.573	11.573	(1.005)	2092484	120.000	120(A)
	64 Di-n-octylphthalate	149	12.378	12.378	(0.929)	3146012	120.000	120(A)
	65 Benzo(b)fluoranthene	252	12.836	12.836	(0.964)	2222553	120.000	120(A)
	66 Benzo(k)fluoranthene	252	12.872	12.872	(0.966)	2323420	120.000	120(A)
	67 Benzo(a)pyrene	252	13.253	13.253	(0.995)	1900383	120.000	130(A)
*	84 Perylene-d12	264	13.318	13.318	(1.000)	559616	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.728	14.728	(1.106)	1977587	120.000	130(A)
	69 Dibenz(a,h)anthracene	278	14.763	14.763	(1.109)	1914237	120.000	140(A)
	70 Benzo(g,h,i)perylene	276	15.092	15.092	(1.133)	1924235	120.000	130(A)

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30762.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

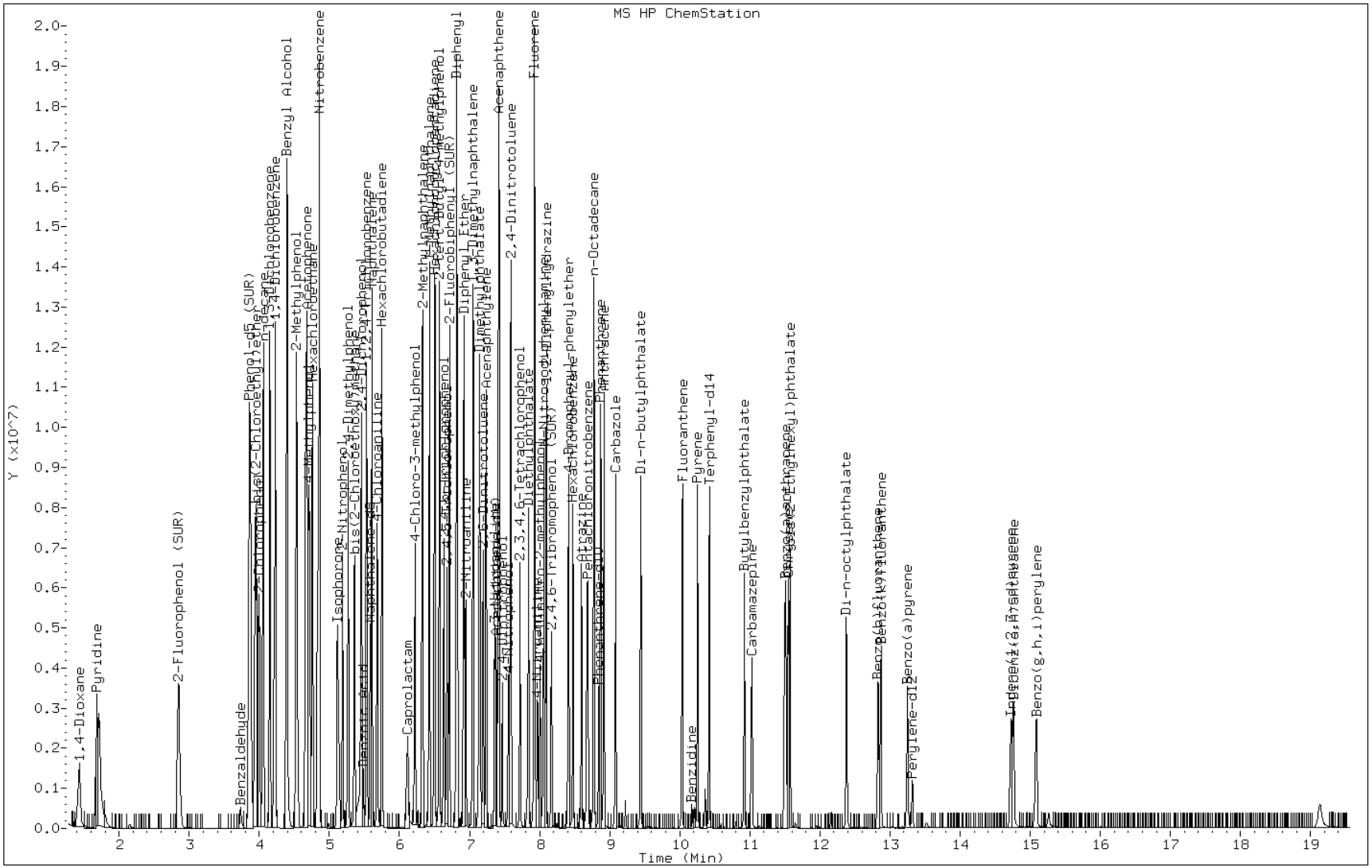
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30762.d

Date: 06-JUN-2012 12:49

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1519307 Operator: BNAMS 4



Manual Integration Report

Data File: p30762.d
Inj. Date and Time: 06-JUN-2012 12:49
Instrument ID: BNAMS10.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 06/07/2012

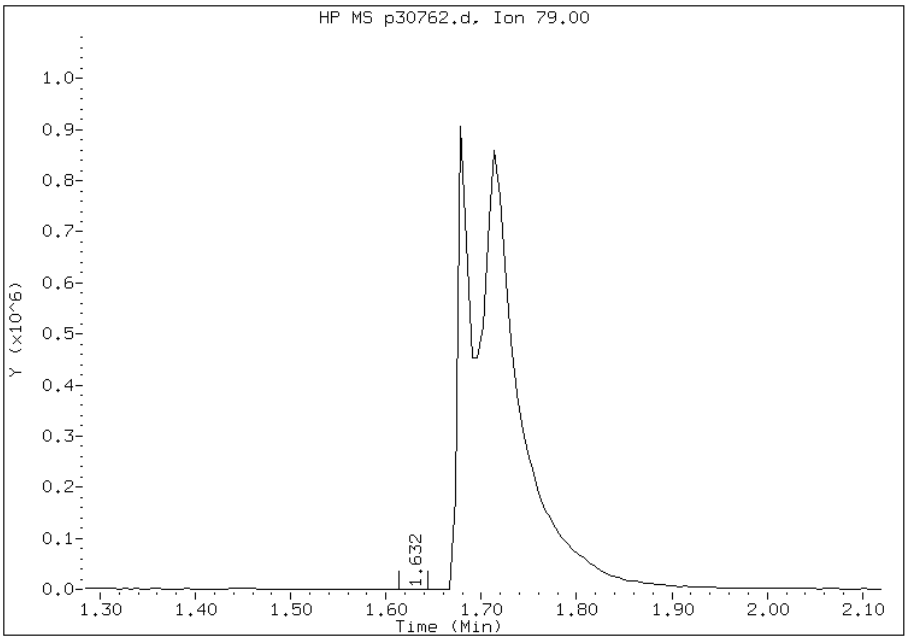
Processing Integration Results

RT: 1.63

Response: 838

Amount: 0

Conc: 0



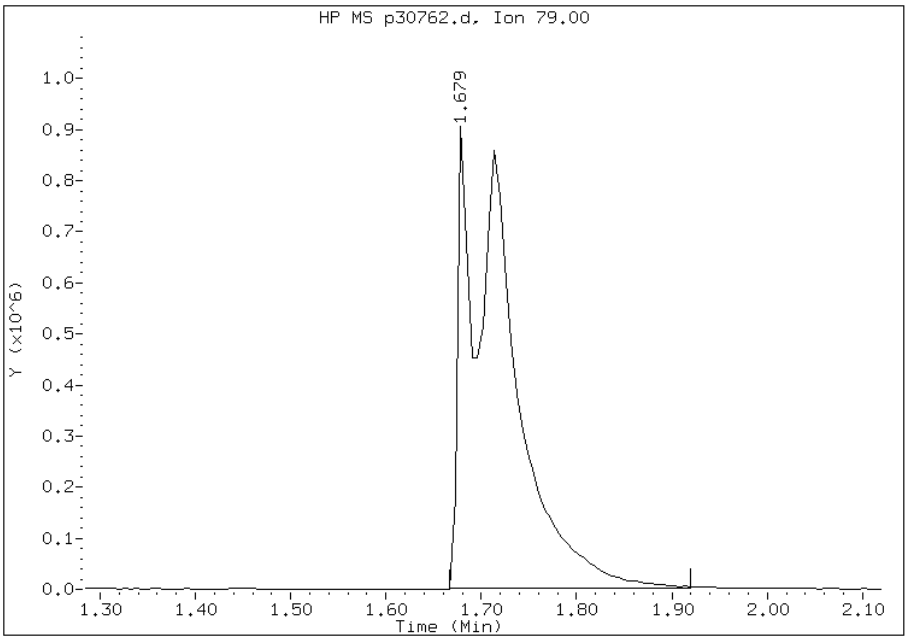
Manual Integration Results

RT: 1.68

Response: 3203999

Amount: 122

Conc: 122



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: p30762.d
Inj. Date and Time: 06-JUN-2012 12:49
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/07/2012

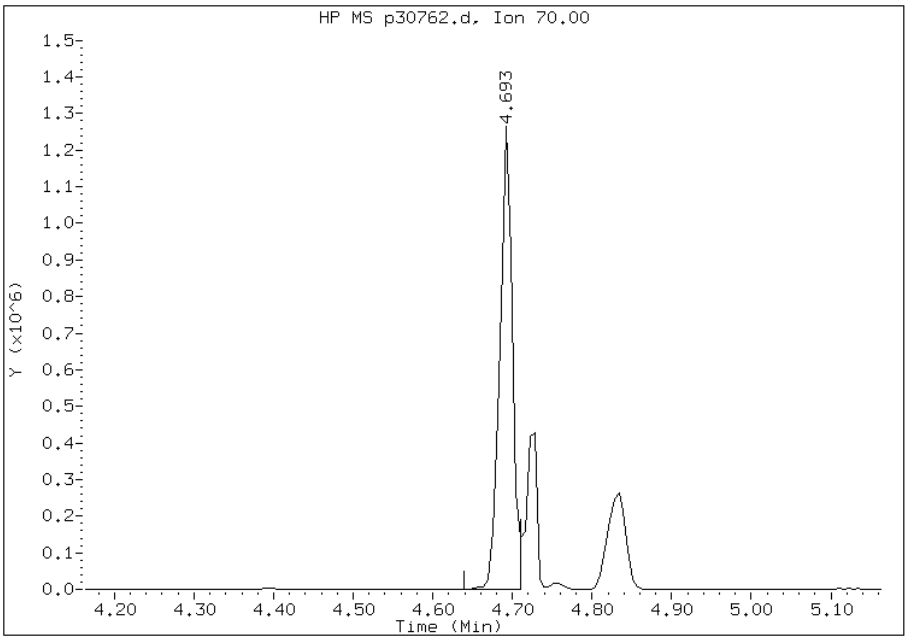
Processing Integration Results

RT: 4.69

Response: 1462445

Amount: 104

Conc: 104



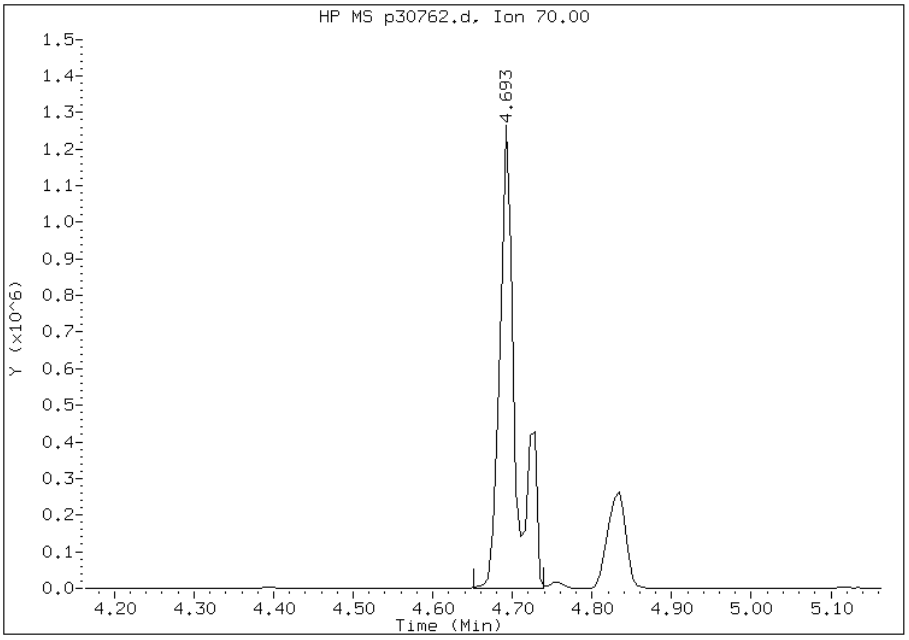
Manual Integration Results

RT: 4.69

Response: 1830535

Amount: 117

Conc: 117



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: p30762.d
Inj. Date and Time: 06-JUN-2012 12:49
Instrument ID: BNAMS10.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 06/07/2012

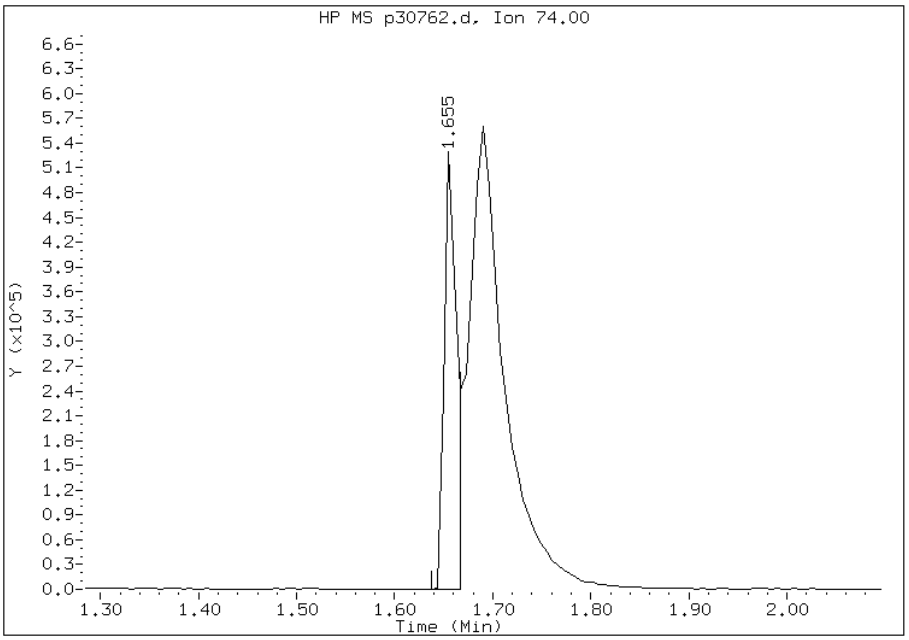
Processing Integration Results

RT: 1.66

Response: 487334

Amount: 58

Conc: 58



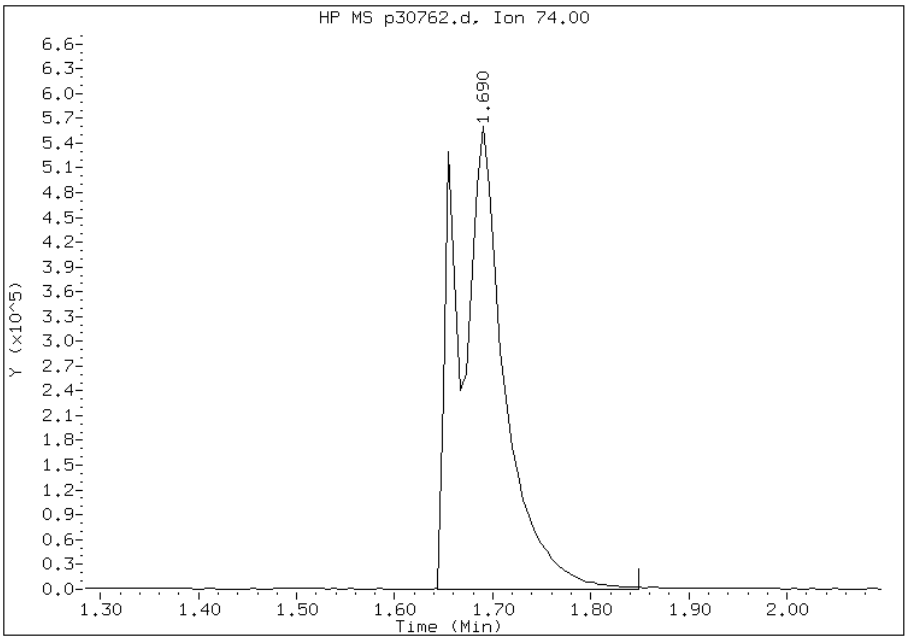
Manual Integration Results

RT: 1.69

Response: 1870199

Amount: 124

Conc: 124



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30763.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30763.d
Lab Smp Id: IC-1519301
Inj Date : 06-JUN-2012 13:17
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1519301
Misc Info : 5ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 13:17 Cal File: p30763.d
Als bottle: 4 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)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.355	1.355	(0.323)	66383	5.00000	5.2
	19 N-Nitrosodimethylamine	74	1.579	1.579	(0.376)	87399	5.00000	5.0(H)
	71 Pyridine	79	1.602	1.602	(0.382)	153617	5.00000	5.1
$	16 2-Fluorophenol (SUR)	112	2.789	2.789	(0.664)	141808	5.00000	5.2
	110 Benzaldehyde	77	3.706	3.706	(0.882)	90875	5.00000	10
$	17 Phenol-d5 (SUR)	99	3.817	3.817	(0.909)	174462	5.00000	5.4(H)
	73 Aniline	93	3.835	3.835	(0.913)	213411	5.00000	5.4
	1 Phenol	94	3.829	3.829	(0.912)	203299	5.00000	5.7
	20 bis(2-Chloroethyl)ether	93	3.917	3.917	(0.933)	17266	0.50000	0.60(H)
	2 2-Chlorophenol	128	3.964	3.964	(0.944)	147223	5.00000	5.4
	113 n-decane	43	4.046	4.046	(0.964)	145678	5.00000	5.3
	21 1,3-Dichlorobenzene	146	4.135	4.135	(0.985)	169296	5.00000	5.2
*	79 1,4-Dichlorobenzene-d4	152	4.199	4.199	(1.000)	832705	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30763.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.217	4.217	(1.004)	169565	5.00000	5.3
	74 Benzyl Alcohol	108	4.364	4.364	(1.039)	80837	5.00000	4.8(a)
	23 1,2-Dichlorobenzene	146	4.381	4.381	(1.043)	159413	5.00000	5.3
	3 2-Methylphenol	108	4.505	4.505	(1.073)	124821	5.00000	5.3
	24 bis (2-chloroisopropyl) ether	45	4.517	4.517	(1.076)	152124	5.00000	5.3
	104 Acetophenone	105	4.646	4.646	(1.106)	193300	5.00000	5.6
	25 N-Nitroso-di-n-propylamine	70	4.663	4.663	(1.111)	9069	0.50000	0.50
	4 4-Methylphenol	108	4.675	4.675	(1.113)	122987	5.00000	5.4
	123 3 & 4 Methylphenol	108	4.675	4.675	(1.113)	124739	5.00000	5.4
	26 Hexachloroethane	117	4.746	4.746	(1.130)	6581	0.50000	0.52
$	76 Nitrobenzene-d5 (SUR)	82	4.810	4.810	(0.863)	156253	5.00000	5.2
	27 Nitrobenzene	77	4.828	4.828	(0.866)	25705	0.50000	0.73
	107 N,N-Dimethylaniline	120	4.840	4.840	(1.153)	18255	0.50000	0.50
	28 Isophorone	82	5.092	5.092	(0.914)	241081	5.00000	5.3
	5 2-Nitrophenol	139	5.175	5.175	(0.928)	68815	5.00000	4.9(a)
	6 2,4-Dimethylphenol	122	5.251	5.251	(0.942)	118834	5.00000	5.3
	29 bis(2-Chloroethoxy)methane	93	5.345	5.345	(0.959)	142976	5.00000	5.1
	15 Benzoic Acid	122	5.345	5.345	(0.959)	47783	5.00000	3.9(aH)
	7 2,4-Dichlorophenol	162	5.439	5.439	(0.976)	105507	5.00000	5.3
	30 1,2,4-Trichlorobenzene	180	5.521	5.521	(0.990)	12380	0.50000	0.52
*	80 Naphthalene-d8	136	5.574	5.574	(1.000)	2613910	40.0000	
	31 Naphthalene	128	5.592	5.592	(1.003)	382849	5.00000	5.7
	32 4-Chloroaniline	127	5.668	5.668	(1.017)	136877	5.00000	5.3
	33 Hexachlorobutadiene	225	5.745	5.745	(1.031)	14047	1.00000	1.1
	111 Caprolactam	113	6.003	6.003	(1.077)	27383	5.00000	4.9(aH)
	8 4-Chloro-3-methylphenol	107	6.197	6.197	(1.112)	106717	5.00000	5.4
	34 2-Methylnaphthalene	142	6.320	6.320	(1.134)	232597	5.00000	5.4
	120 1-Methylnaphthalene	142	6.420	6.420	(1.152)	241831	5.00000	5.5(a)
	35 Hexachlorocyclopentadiene	237	6.491	6.491	(0.880)	51450	5.00000	4.4(a)
	129 1,2,4,5-Tetrachlorobenzene	216	6.497	6.497	(0.881)	106189	5.00000	5.1
	121 2-tert-Butyl-4-methylphenol	149	6.555	6.555	(1.176)	172186	5.00000	5.7
	9 2,4,6-Trichlorophenol	196	6.620	6.620	(0.898)	63143	5.00000	5.0
	10 2,4,5-Trichlorophenol	196	6.661	6.661	(0.904)	65355	5.00000	5.0
$	77 2-Fluorobiphenyl (SUR)	172	6.702	6.702	(0.909)	249209	5.00000	5.4
	102 Diphenyl	154	6.802	6.802	(0.923)	278277	5.00000	5.5
	36 2-Chloronaphthalene	162	6.814	6.814	(0.924)	209377	5.00000	5.3
	103 Diphenyl Ether	170	6.908	6.908	(0.937)	147291	5.00000	5.1
	37 2-Nitroaniline	65	6.926	6.926	(0.939)	131046	10.0000	11
	125 1,3-Dimethylnaphthalene	156	7.037	7.037	(0.955)	175143	5.00000	5.1
	38 Dimethylphthalate	163	7.119	7.119	(0.966)	200216	5.00000	5.4
	114 Coumarin	146	7.125	7.125	(1.278)	66089	5.00000	5.2(H)
	40 2,6-Dinitrotoluene	165	7.178	7.178	(0.974)	7825	1.00000	0.87(a)
	39 Acenaphthylene	152	7.225	7.225	(0.980)	329511	5.00000	5.7
	41 3-Nitroaniline	138	7.343	7.343	(0.996)	98603	10.0000	11
*	82 Acenaphthene-d10	164	7.372	7.372	(1.000)	1355527	40.0000	
	42 Acenaphthene	154	7.401	7.401	(1.004)	191156	5.00000	5.3
	122 2,6-Di-tert-butyl-p-cresol	205	7.413	7.413	(1.006)	182824	5.00000	5.4

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30763.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.448	7.448	(1.010)	48838	15.0000	11(a)
	12 4-Nitrophenol	65	7.537	7.537	(1.022)	90721	15.0000	14(a)
	44 2,4-Dinitrotoluene	165	7.584	7.584	(1.029)	10446	1.00000	0.96(aM)
	43 Dibenzofuran	168	7.578	7.578	(1.028)	268865	5.00000	5.4
	130 2,3,4,6-Tetrachlorophenol	232	7.713	7.713	(1.046)	41173	5.00000	4.9(a)
	45 Diethylphthalate	149	7.824	7.824	(1.061)	189130	5.00000	5.3
	47 Fluorene	166	7.913	7.913	(1.073)	213235	5.00000	5.4
	46 4-Chlorophenyl-phenylether	204	7.924	7.924	(1.075)	104388	5.00000	5.4
	48 4-Nitroaniline	138	7.948	7.948	(1.078)	80810	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	7.983	7.983	(0.904)	73405	15.0000	12(a)
	49 N-Nitrosodiphenylamine	169	8.042	8.042	(0.910)	141746	5.00000	5.3
	75 1,2-Diphenylhydrazine	77	8.077	8.077	(0.914)	211623	5.00000	4.6(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.153	8.153	(1.106)	25937	5.00000	5.0
	50 4-Bromophenyl-phenylether	248	8.406	8.406	(0.951)	53706	5.00000	5.1
	51 Hexachlorobenzene	284	8.465	8.465	(0.958)	5783	0.50000	0.52
	112 Atrazine	200	8.582	8.582	(0.971)	44409	5.00000	4.9(a)
	14 Pentachlorophenol	266	8.665	8.665	(0.981)	67978	15.0000	12(a)
	132 Pentachloronitrobenzene	237	8.676	8.676	(0.982)	22149	5.00000	5.2
	115 n-Octadecane	57	8.770	8.770	(0.993)	117686	5.00000	4.9(a)
*	83 Phenanthrene-d10	188	8.835	8.835	(1.000)	1734627	40.0000	
	52 Phenanthrene	178	8.859	8.859	(1.003)	254497	5.00000	5.4
	53 Anthracene	178	8.911	8.911	(1.009)	252779	5.00000	5.4
	54 Carbazole	167	9.076	9.076	(1.027)	206219	5.00000	5.4
	55 Di-n-butylphthalate	149	9.440	9.440	(1.068)	250990	5.00000	5.2
	56 Fluoranthene	202	10.028	10.028	(1.135)	215287	5.00000	5.4
	58 Benzidine	184	10.175	10.175	(1.152)	37862	5.00000	6.0
	57 Pyrene	202	10.245	10.245	(0.890)	209832	5.00000	5.1
$	78 Terphenyl-d14	244	10.416	10.416	(0.905)	138524	5.00000	5.0
	59 Butylbenzylphthalate	149	10.915	10.915	(0.948)	84151	5.00000	4.8(a)
	124 Carbamazepine	193	11.015	11.015	(0.957)	48892	5.00000	4.0(a)
	60 3,3'-Dichlorobenzidine	252	11.485	11.485	(0.998)	101247	10.0000	12
	61 Benzo(a)anthracene	228	11.497	11.497	(0.999)	17723	0.50000	0.59
*	81 Chrysene-d12	240	11.508	11.508	(1.000)	1002382	40.0000	
	62 Chrysene	228	11.538	11.538	(1.003)	146774	5.00000	5.3
	63 bis(2-Ethylhexyl)phthalate	149	11.567	11.567	(1.005)	115955	5.00000	5.0
	64 Di-n-octylphthalate	149	12.372	12.372	(0.929)	161382	5.00000	4.7(a)
	65 Benzo(b)fluoranthene	252	12.813	12.813	(0.962)	11300	0.50000	0.47(aH)
	66 Benzo(k)fluoranthene	252	12.848	12.848	(0.965)	12328	0.50000	0.48(a)
	67 Benzo(a)pyrene	252	13.236	13.236	(0.994)	9473	0.50000	0.47(a)
*	84 Perylene-d12	264	13.312	13.312	(1.000)	746272	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.705	14.705	(1.105)	10748	0.50000	0.53
	69 Dibenz(a,h)anthracene	278	14.740	14.740	(1.107)	7688	0.50000	0.41(a)
	70 Benzo(g,h,i)perylene	276	15.057	15.057	(1.131)	90712	5.00000	4.6(a)

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30763.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

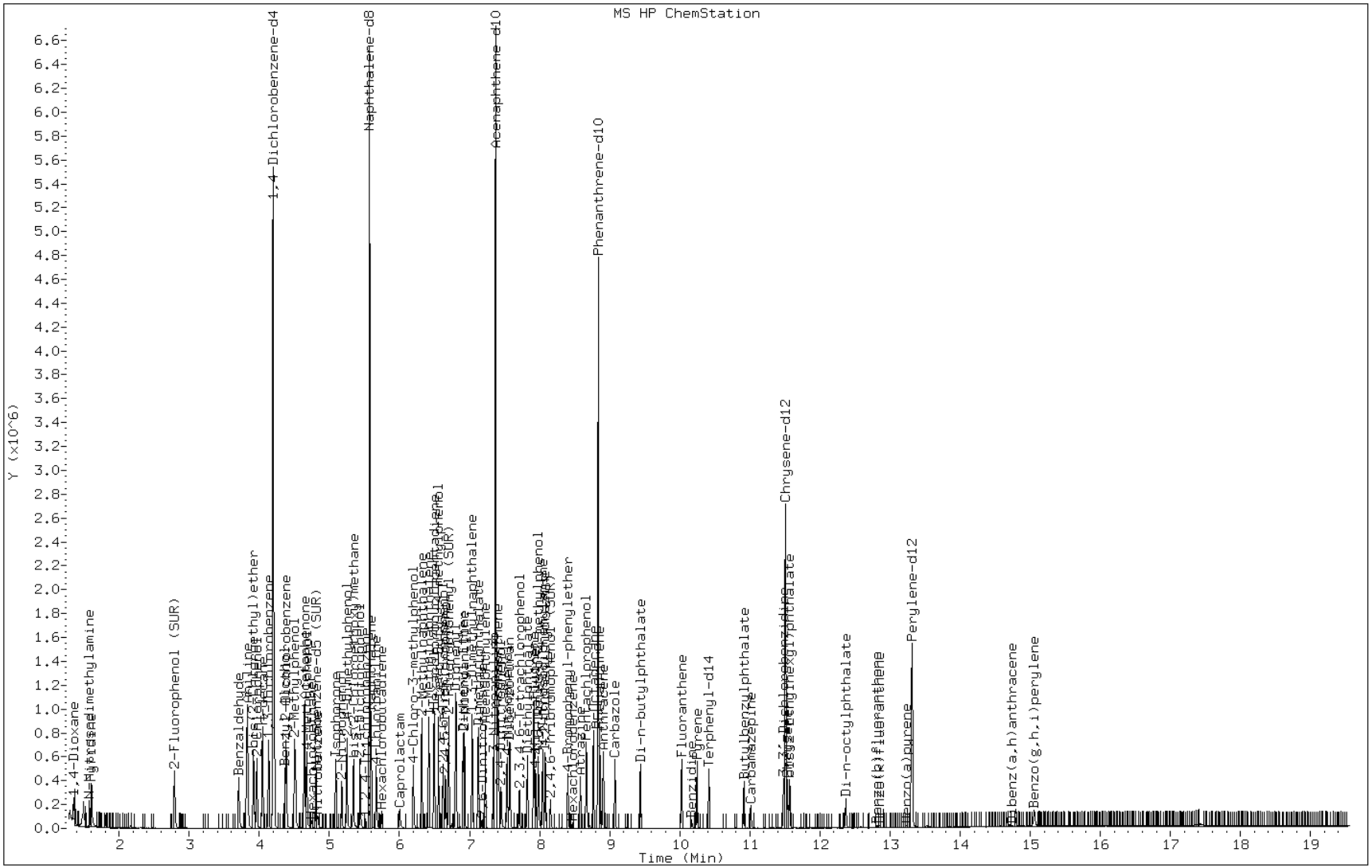
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30763.d

Date: 06-JUN-2012 13:17

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1519301 Operator: BNAMS 4



Manual Integration Report

Data File: p30763.d
Inj. Date and Time: 06-JUN-2012 13:17
Instrument ID: BNAMS10.i
Client ID:
Compound: 44 2,4-Dinitrotoluene
CAS #: 121-14-2
Report Date: 06/07/2012

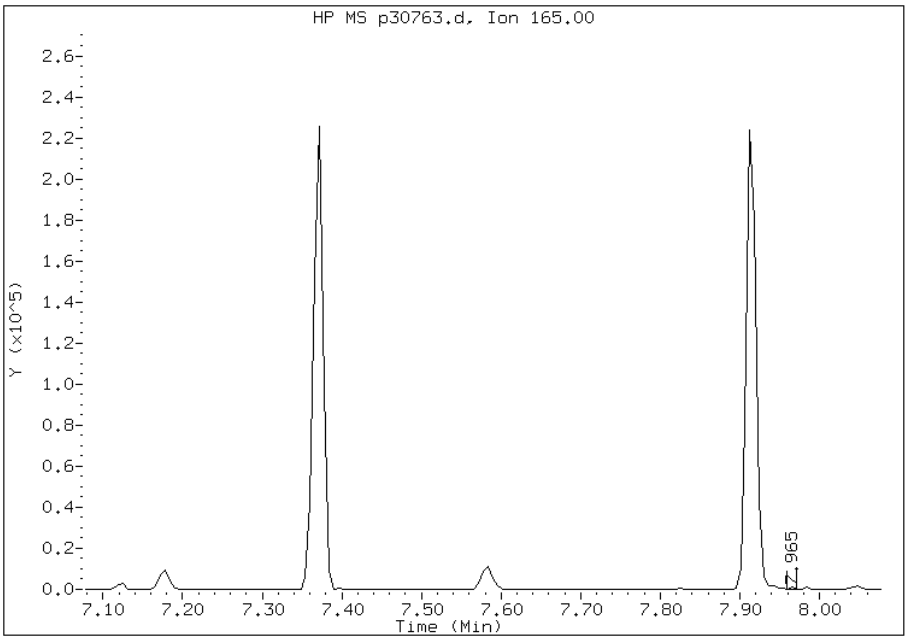
Processing Integration Results

RT: 7.97

Response: 325

Amount: 0

Conc: 0



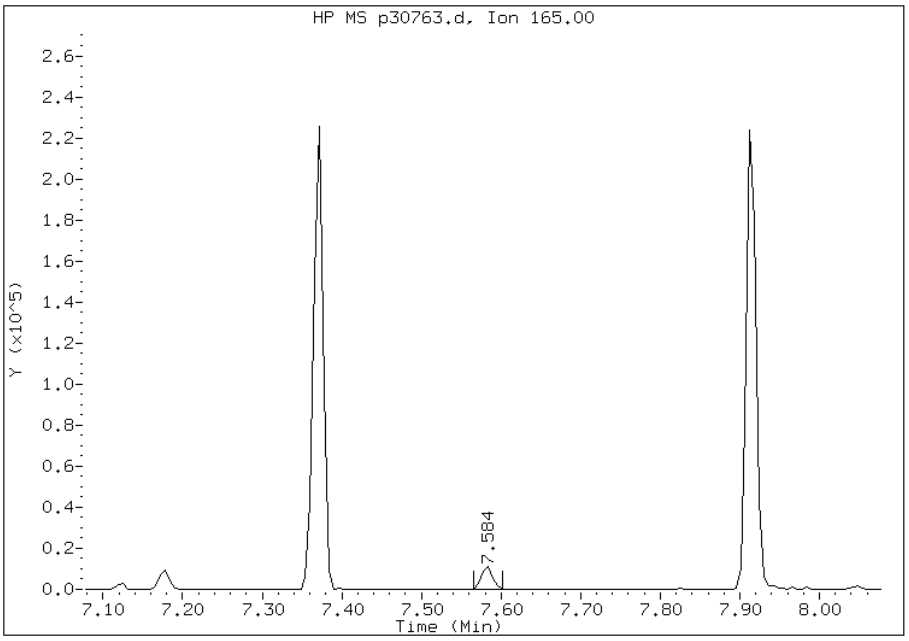
Manual Integration Results

RT: 7.58

Response: 10446

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30764.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30764.d
Lab Smp Id: IC-1519305
Inj Date : 06-JUN-2012 13:45
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1519305
Misc Info : 80ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 13:45 Cal File: p30764.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: 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	1.414	1.414	(0.336)	1078096	80.0000	78(H)
19	N-Nitrosodimethylamine	74	1.649	1.649	(0.392)	1470921	80.0000	78
71	Pyridine	79	1.667	1.667	(0.396)	2432617	80.0000	74(H)
$ 16	2-Fluorophenol (SUR)	112	2.819	2.819	(0.669)	2163371	80.0000	73
110	Benzaldehyde	77	3.718	3.718	(0.883)	391306	80.0000	40
$ 17	Phenol-d5 (SUR)	99	3.859	3.859	(0.916)	2578296	80.0000	73
73	Aniline	93	3.853	3.853	(0.915)	3155016	80.0000	74
1	Phenol	94	3.870	3.870	(0.919)	2813324	80.0000	72
20	bis(2-Chloroethyl)ether	93	3.941	3.941	(0.936)	2298604	80.0000	74(H)
2	2-Chlorophenol	128	3.988	3.988	(0.947)	2169408	80.0000	73
113	n-decane	43	4.058	4.058	(0.964)	2276761	80.0000	76
21	1,3-Dichlorobenzene	146	4.147	4.147	(0.985)	2619828	80.0000	75
* 79	1,4-Dichlorobenzene-d4	152	4.211	4.211	(1.000)	905395	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30764.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.229	4.229	(1.004)	2605664	80.0000	74
	74 Benzyl Alcohol	108	4.387	4.387	(1.042)	1407415	80.0000	78
	23 1,2-Dichlorobenzene	146	4.393	4.393	(1.043)	2446343	80.0000	75
	3 2-Methylphenol	108	4.528	4.528	(1.075)	1923101	80.0000	75
	24 bis (2-chloroisopropyl) ether	45	4.528	4.528	(1.075)	2332898	80.0000	75
	104 Acetophenone	105	4.675	4.675	(1.110)	2684815	80.0000	72
	25 N-Nitroso-di-n-propylamine	70	4.687	4.687	(1.113)	1518946	80.0000	78(M)
	4 4-Methylphenol	108	4.705	4.705	(1.117)	1865235	80.0000	75
	123 3 & 4 Methylphenol	108	4.705	4.705	(1.117)	1859953	80.0000	74
	26 Hexachloroethane	117	4.758	4.758	(1.130)	1053473	80.0000	77
$	76 Nitrobenzene-d5 (SUR)	82	4.828	4.828	(0.865)	2370647	80.0000	76
	27 Nitrobenzene	77	4.857	4.857	(0.870)	2953613	80.0000	80
	107 N,N-Dimethylaniline	120	4.857	4.857	(1.153)	2928558	80.0000	73
	28 Isophorone	82	5.116	5.116	(0.917)	3649900	80.0000	77
	5 2-Nitrophenol	139	5.187	5.187	(0.929)	1185294	80.0000	80
	6 2,4-Dimethylphenol	122	5.269	5.269	(0.944)	1798193	80.0000	76
	29 bis(2-Chloroethoxy)methane	93	5.357	5.357	(0.960)	2227675	80.0000	76
	15 Benzoic Acid	122	5.480	5.480	(0.982)	1091581	80.0000	86(M)
	7 2,4-Dichlorophenol	162	5.457	5.457	(0.978)	1587188	80.0000	76
	30 1,2,4-Trichlorobenzene	180	5.533	5.533	(0.992)	1865538	80.0000	76
*	80 Naphthalene-d8	136	5.580	5.580	(1.000)	2737856	40.0000	
	31 Naphthalene	128	5.604	5.604	(1.004)	4788752	80.0000	68
	32 4-Chloroaniline	127	5.680	5.680	(1.018)	2005758	80.0000	75
	33 Hexachlorobutadiene	225	5.751	5.751	(1.031)	1058234	80.0000	76
	111 Caprolactam	113	6.103	6.103	(1.094)	434909	80.0000	74(H)
	8 4-Chloro-3-methylphenol	107	6.221	6.221	(1.115)	1499907	80.0000	73
	34 2-Methylnaphthalene	142	6.326	6.326	(1.134)	3380505	80.0000	74
	120 1-Methylnaphthalene	142	6.426	6.426	(1.152)	3410119	80.0000	74
	35 Hexachlorocyclopentadiene	237	6.497	6.497	(0.881)	1013676	80.0000	87
	129 1,2,4,5-Tetrachlorobenzene	216	6.509	6.509	(0.882)	1625097	80.0000	78
	121 2-tert-Butyl-4-methylphenol	149	6.573	6.573	(1.178)	2308504	80.0000	72
	9 2,4,6-Trichlorophenol	196	6.632	6.632	(0.899)	1019192	80.0000	81
	10 2,4,5-Trichlorophenol	196	6.673	6.673	(0.904)	1031074	80.0000	80
$	77 2-Fluorobiphenyl (SUR)	172	6.714	6.714	(0.910)	3405801	80.0000	74
	102 Diphenyl	154	6.814	6.814	(0.924)	3564655	80.0000	71
	36 2-Chloronaphthalene	162	6.826	6.826	(0.925)	2987365	80.0000	76
	103 Diphenyl Ether	170	6.920	6.920	(0.938)	2176450	80.0000	76
	37 2-Nitroaniline	65	6.943	6.943	(0.941)	872217	80.0000	72
	125 1,3-Dimethylnaphthalene	156	7.049	7.049	(0.955)	2554899	80.0000	75
	38 Dimethylphthalate	163	7.137	7.137	(0.967)	2748874	80.0000	74
	114 Coumarin	146	7.143	7.143	(1.280)	990329	80.0000	74
	40 2,6-Dinitrotoluene	165	7.190	7.190	(0.975)	721947	80.0000	81
	39 Acenaphthylene	152	7.237	7.237	(0.981)	4105650	80.0000	71
	41 3-Nitroaniline	138	7.361	7.361	(0.998)	687799	80.0000	74
*	82 Acenaphthene-d10	164	7.378	7.378	(1.000)	1352346	40.0000	
	42 Acenaphthene	154	7.413	7.413	(1.005)	2682897	80.0000	74
	122 2,6-Di-tert-butyl-p-cresol	205	7.425	7.425	(1.006)	2448788	80.0000	72

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30764.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.466	7.466	(1.012)	386297	80.0000	81
	12 4-Nitrophenol	65	7.549	7.549	(1.023)	512950	80.0000	80
	44 2,4-Dinitrotoluene	165	7.590	7.590	(1.029)	833282	80.0000	76(MH)
	43 Dibenzofuran	168	7.584	7.584	(1.028)	3570625	80.0000	72
	130 2,3,4,6-Tetrachlorophenol	232	7.719	7.719	(1.046)	659940	80.0000	80
	45 Diethylphthalate	149	7.842	7.842	(1.063)	2637454	80.0000	74
	47 Fluorene	166	7.925	7.925	(1.074)	2864635	80.0000	72
	46 4-Chlorophenyl-phenylether	204	7.930	7.930	(1.075)	1455972	80.0000	76
	48 4-Nitroaniline	138	7.972	7.972	(1.080)	583793	80.0000	77
	13 4,6-Dinitro-2-methylphenol	198	8.001	8.001	(0.905)	487508	80.0000	90
	49 N-Nitrosodiphenylamine	169	8.054	8.054	(0.911)	1984697	80.0000	80
	75 1,2-Diphenylhydrazine	77	8.089	8.089	(0.915)	3266357	80.0000	77
$	18 2,4,6-Tribromophenol (SUR)	330	8.165	8.165	(1.107)	399670	80.0000	78
	50 4-Bromophenyl-phenylether	248	8.412	8.412	(0.951)	779150	80.0000	80
	51 Hexachlorobenzene	284	8.477	8.477	(0.959)	810491	80.0000	79
	112 Atrazine	200	8.600	8.600	(0.973)	663891	80.0000	80
	14 Pentachlorophenol	266	8.671	8.671	(0.981)	448742	80.0000	89
	132 Pentachloronitrobenzene	237	8.688	8.688	(0.983)	322498	80.0000	82
	115 n-Octadecane	57	8.777	8.777	(0.993)	1735501	80.0000	78
*	83 Phenanthrene-d10	188	8.841	8.841	(1.000)	1604947	40.0000	
	52 Phenanthrene	178	8.871	8.871	(1.003)	3178731	80.0000	73
	53 Anthracene	178	8.918	8.918	(1.009)	3261655	80.0000	75
	54 Carbazole	167	9.082	9.082	(1.027)	2688185	80.0000	76
	55 Di-n-butylphthalate	149	9.440	9.440	(1.068)	3374078	80.0000	76
	56 Fluoranthene	202	10.034	10.034	(1.135)	2868452	80.0000	77
	58 Benzidine	184	10.175	10.175	(1.151)	246441	80.0000	43
	57 Pyrene	202	10.251	10.251	(0.890)	2825385	80.0000	74
$	78 Terphenyl-d14	244	10.416	10.416	(0.905)	1941833	80.0000	76
	59 Butylbenzylphthalate	149	10.921	10.921	(0.948)	1305234	80.0000	80
	124 Carbamazepine	193	11.027	11.027	(0.958)	986606	80.0000	87
	60 3,3'-Dichlorobenzidine	252	11.491	11.491	(0.998)	571134	80.0000	71
	61 Benzo(a)anthracene	228	11.503	11.503	(0.999)	2119778	80.0000	76
*	81 Chrysene-d12	240	11.515	11.515	(1.000)	929888	40.0000	
	62 Chrysene	228	11.550	11.550	(1.003)	2002739	80.0000	78
	63 bis(2-Ethylhexyl)phthalate	149	11.573	11.573	(1.005)	1732309	80.0000	80
	64 Di-n-octylphthalate	149	12.372	12.372	(0.929)	2538142	80.0000	82
	65 Benzo(b)fluoranthene	252	12.825	12.825	(0.963)	1732650	80.0000	81(H)
	66 Benzo(k)fluoranthene	252	12.866	12.866	(0.966)	1826483	80.0000	80
	67 Benzo(a)pyrene	252	13.248	13.248	(0.995)	1475325	80.0000	82
*	84 Perylene-d12	264	13.318	13.318	(1.000)	669932	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.723	14.723	(1.105)	1495931	80.0000	82
	69 Dibenz(a,h)anthracene	278	14.752	14.752	(1.108)	1429604	80.0000	85
	70 Benzo(g,h,i)perylene	276	15.081	15.081	(1.132)	1443105	80.0000	82

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30764.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

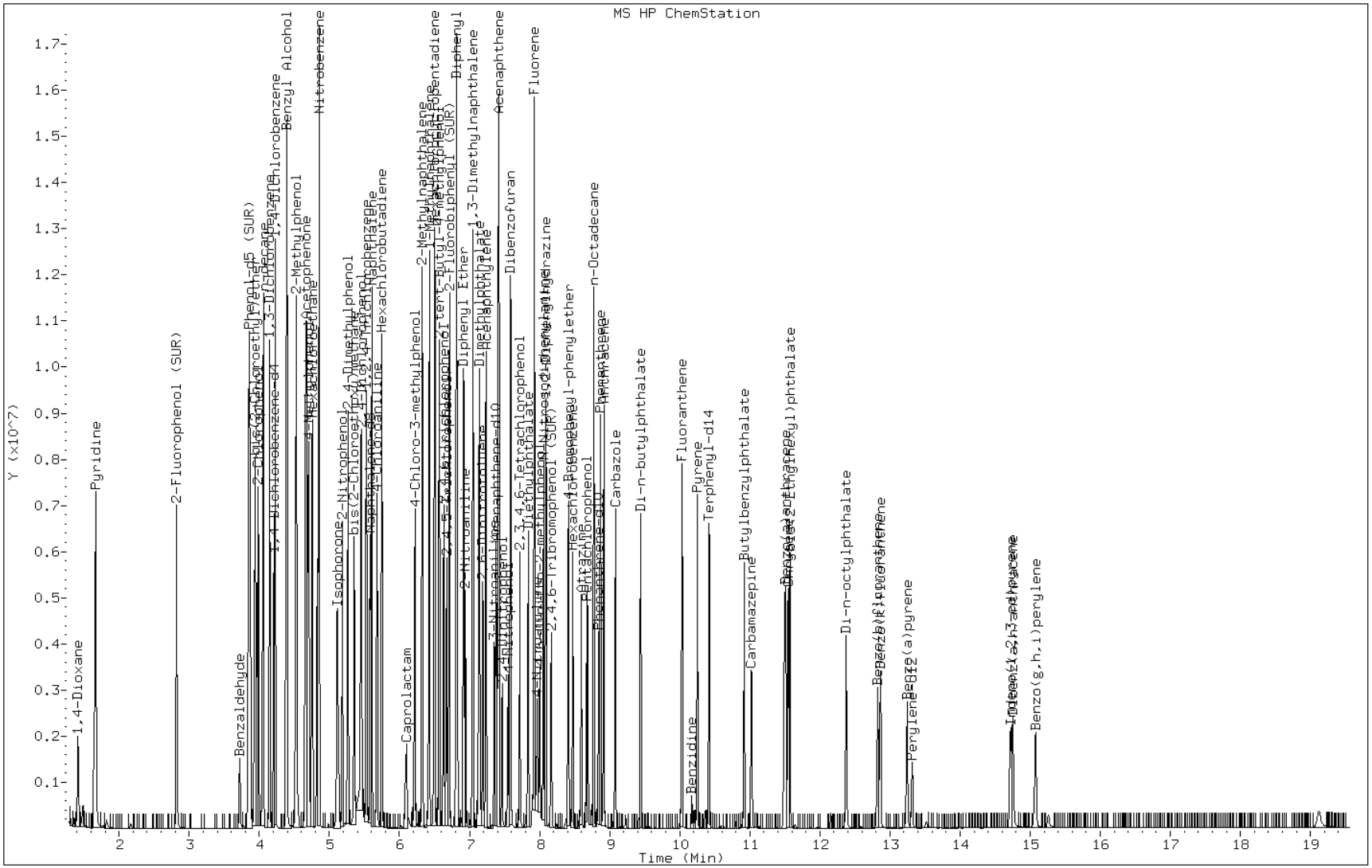
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30764.d

Date: 06-JUN-2012 13:45

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1519305 Operator: BNAMS 4



Manual Integration Report

Data File: p30764.d
Inj. Date and Time: 06-JUN-2012 13:45
Instrument ID: BNAMS10.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/07/2012

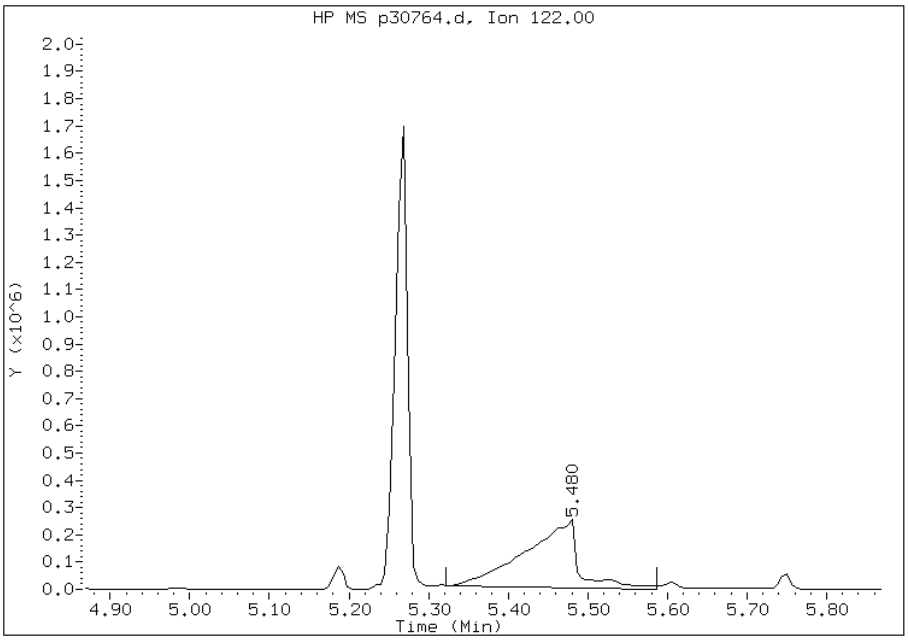
Processing Integration Results

RT: 5.48

Response: 1181835

Amount: 92

Conc: 92



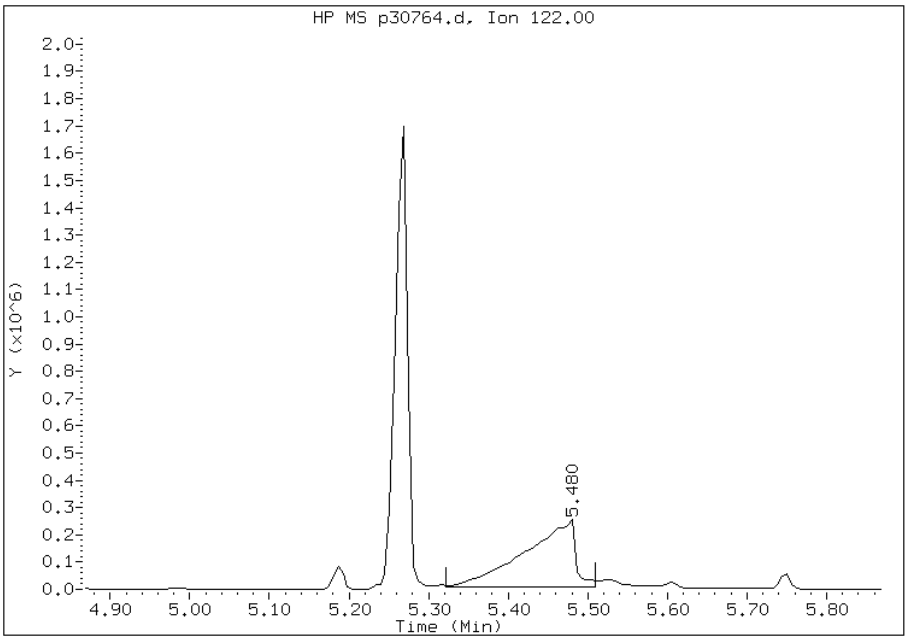
Manual Integration Results

RT: 5.48

Response: 1091581

Amount: 86

Conc: 86



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p30764.d
Inj. Date and Time: 06-JUN-2012 13:45
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/07/2012

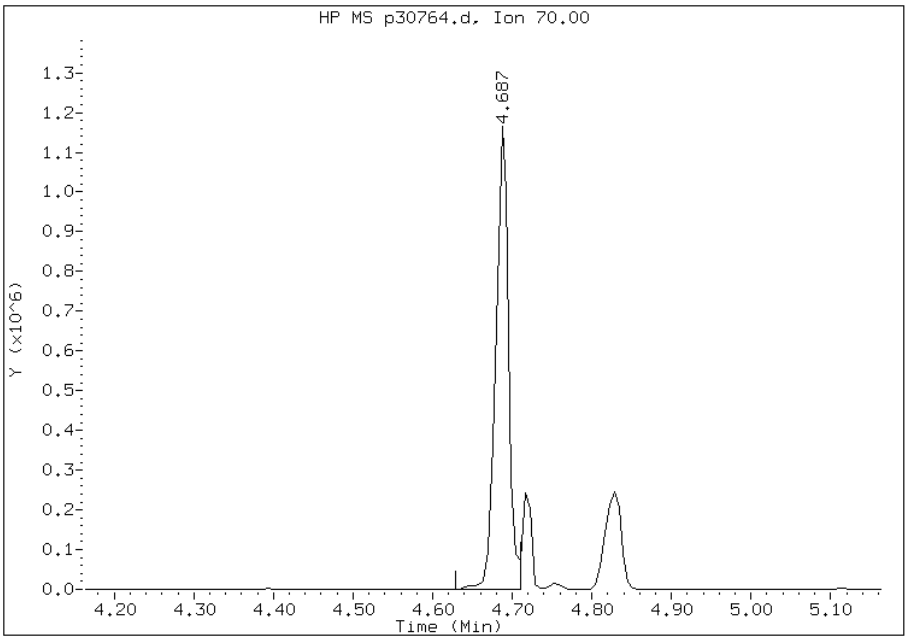
Processing Integration Results

RT: 4.69

Response: 1371338

Amount: 74

Conc: 74



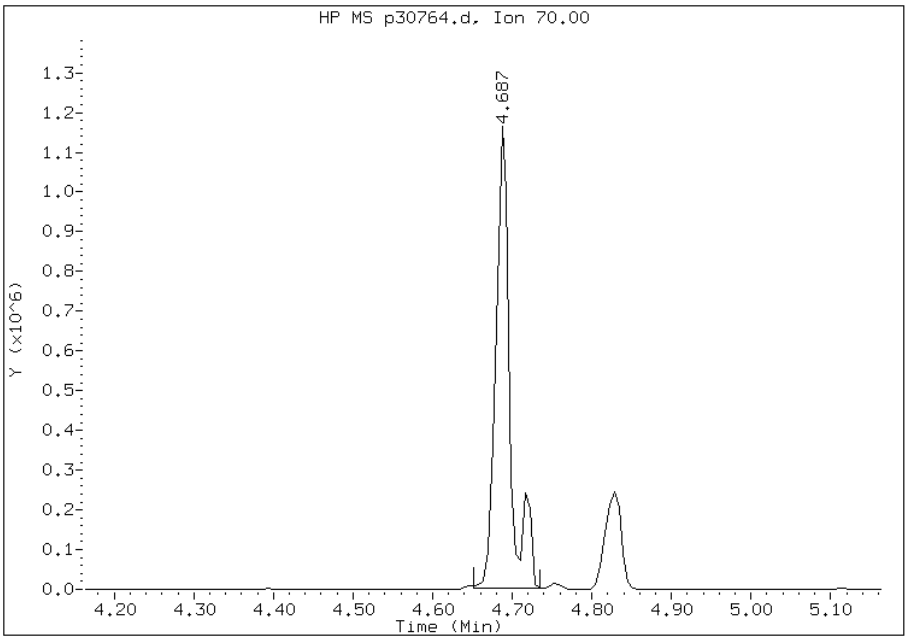
Manual Integration Results

RT: 4.69

Response: 1518946

Amount: 78

Conc: 78



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: p30764.d
Inj. Date and Time: 06-JUN-2012 13:45
Instrument ID: BNAMS10.i
Client ID:
Compound: 44 2,4-Dinitrotoluene
CAS #: 121-14-2
Report Date: 06/07/2012

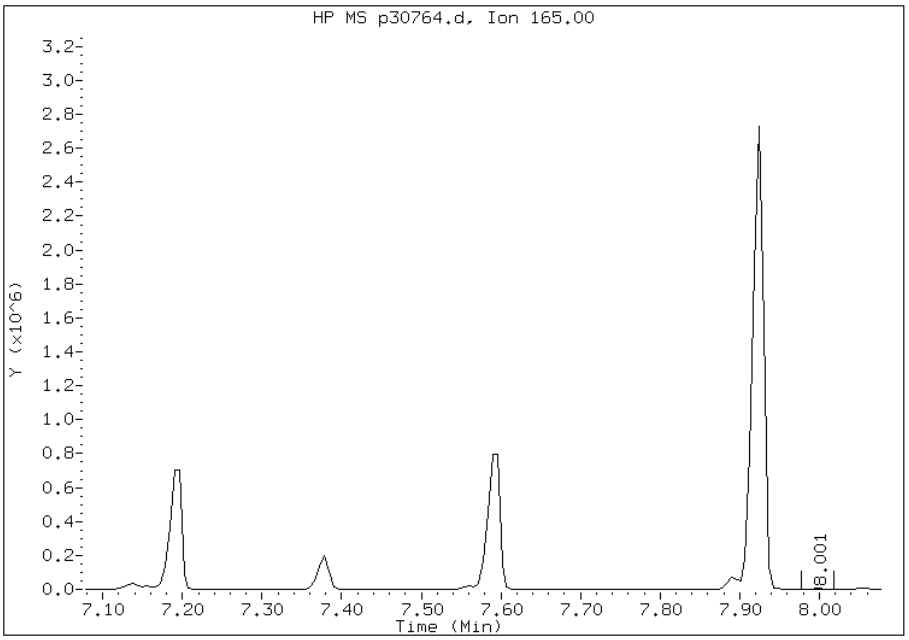
Processing Integration Results

RT: 8.00

Response: 5365

Amount: 1

Conc: 1



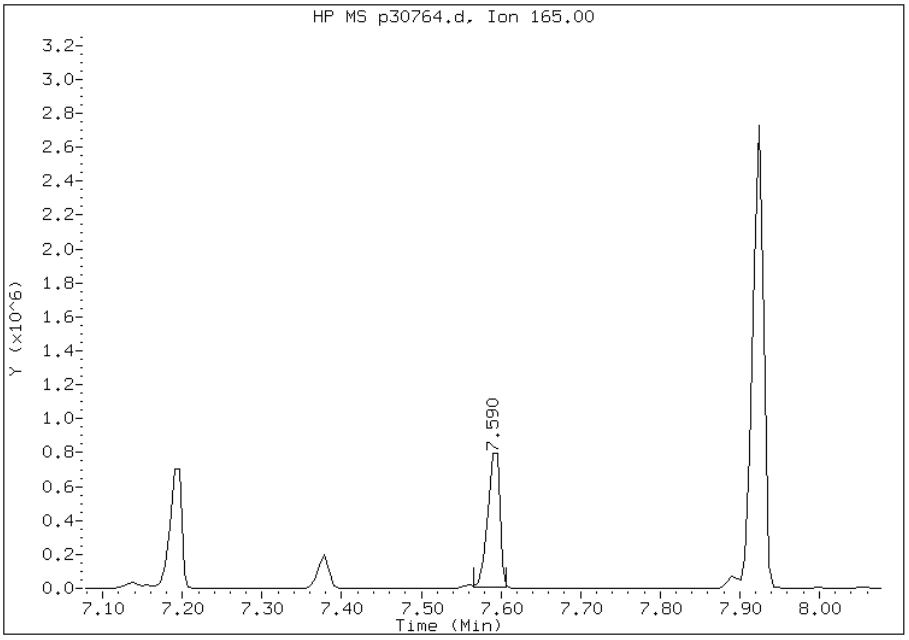
Manual Integration Results

RT: 7.59

Response: 833282

Amount: 76

Conc: 76



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30765.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30765.d
Lab Smp Id: IC-1519303
Inj Date : 06-JUN-2012 14:13
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1519303
Misc Info : 20ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 14:13 Cal File: p30765.d
Als bottle: 6 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	1.361	1.361	(0.324)	273406	20.0000	19(H)
19	N-Nitrosodimethylamine	74	1.585	1.585	(0.377)	387255	20.0000	20(H)
71	Pyridine	79	1.608	1.608	(0.383)	684846	20.0000	20(H)
$ 16	2-Fluorophenol (SUR)	112	2.789	2.789	(0.664)	639262	20.0000	21
110	Benzaldehyde	77	3.706	3.706	(0.882)	271898	20.0000	28
$ 17	Phenol-d5 (SUR)	99	3.823	3.823	(0.910)	745160	20.0000	21
73	Aniline	93	3.835	3.835	(0.913)	913345	20.0000	21
1	Phenol	94	3.835	3.835	(0.913)	840408	20.0000	21
20	bis(2-Chloroethyl)ether	93	3.917	3.917	(0.933)	607624	20.0000	19
2	2-Chlorophenol	128	3.964	3.964	(0.944)	652476	20.0000	21
113	n-decane	43	4.046	4.046	(0.964)	613931	20.0000	20
21	1,3-Dichlorobenzene	146	4.135	4.135	(0.985)	731457	20.0000	20
* 79	1,4-Dichlorobenzene-d4	152	4.199	4.199	(1.000)	924500	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30765.d
Report Date: 06-Jun-2012 15:04

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	4.217	4.217	(1.004)	746702	20.0000	21
	74 Benzyl Alcohol	108	4.364	4.364	(1.039)	384801	20.0000	21
	23 1,2-Dichlorobenzene	146	4.381	4.381	(1.043)	691525	20.0000	21
	3 2-Methylphenol	108	4.511	4.511	(1.074)	554272	20.0000	21
	24 bis (2-chloroisopropyl) ether	45	4.522	4.522	(1.077)	646657	20.0000	20
	104 Acetophenone	105	4.652	4.652	(1.108)	782188	20.0000	20
	25 N-Nitroso-di-n-propylamine	70	4.663	4.663	(1.111)	413474	20.0000	21
	4 4-Methylphenol	108	4.681	4.681	(1.115)	554206	20.0000	22
	123 3 & 4 Methylphenol	108	4.681	4.681	(1.115)	563015	20.0000	22
	26 Hexachloroethane	117	4.746	4.746	(1.130)	282087	20.0000	20
$	76 Nitrobenzene-d5 (SUR)	82	4.810	4.810	(0.863)	655834	20.0000	20
	27 Nitrobenzene	77	4.834	4.834	(0.867)	877128	20.0000	23
	107 N,N-Dimethylaniline	120	4.840	4.840	(1.153)	880354	20.0000	22
	28 Isophorone	82	5.092	5.092	(0.914)	982617	20.0000	20
	5 2-Nitrophenol	139	5.180	5.180	(0.929)	314392	20.0000	20
	6 2,4-Dimethylphenol	122	5.251	5.251	(0.942)	509375	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	5.345	5.345	(0.959)	614762	20.0000	20
	15 Benzoic Acid	122	5.392	5.392	(0.967)	284974	20.0000	22(H)
	7 2,4-Dichlorophenol	162	5.439	5.439	(0.976)	452757	20.0000	21
	30 1,2,4-Trichlorobenzene	180	5.521	5.521	(0.990)	517410	20.0000	20
*	80 Naphthalene-d8	136	5.574	5.574	(1.000)	2859082	40.0000	
	31 Naphthalene	128	5.598	5.598	(1.004)	1566856	20.0000	21
	32 4-Chloroaniline	127	5.668	5.668	(1.017)	591093	20.0000	21
	33 Hexachlorobutadiene	225	5.744	5.744	(1.031)	289557	20.0000	20
	111 Caprolactam	113	6.032	6.032	(1.082)	122936	20.0000	20
	8 4-Chloro-3-methylphenol	107	6.203	6.203	(1.113)	443707	20.0000	21
	34 2-Methylnaphthalene	142	6.320	6.320	(1.134)	983034	20.0000	21
	120 1-Methylnaphthalene	142	6.420	6.420	(1.152)	1010913	20.0000	21
	35 Hexachlorocyclopentadiene	237	6.491	6.491	(0.880)	233610	20.0000	19
	129 1,2,4,5-Tetrachlorobenzene	216	6.502	6.502	(0.882)	464602	20.0000	21
	121 2-tert-Butyl-4-methylphenol	149	6.561	6.561	(1.177)	690563	20.0000	21
	9 2,4,6-Trichlorophenol	196	6.626	6.626	(0.899)	271244	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.661	6.661	(0.904)	275267	20.0000	20
$	77 2-Fluorobiphenyl (SUR)	172	6.708	6.708	(0.910)	1000907	20.0000	20
	102 Diphenyl	154	6.802	6.802	(0.923)	1135027	20.0000	21
	36 2-Chloronaphthalene	162	6.814	6.814	(0.924)	855370	20.0000	21
	103 Diphenyl Ether	170	6.914	6.914	(0.938)	613376	20.0000	20
	37 2-Nitroaniline	65	6.931	6.931	(0.940)	266980	20.0000	21
	125 1,3-Dimethylnaphthalene	156	7.037	7.037	(0.955)	743697	20.0000	21
	38 Dimethylphthalate	163	7.125	7.125	(0.967)	785288	20.0000	20
	114 Coumarin	146	7.131	7.131	(1.279)	278553	20.0000	20
	40 2,6-Dinitrotoluene	165	7.178	7.178	(0.974)	189205	20.0000	20
	39 Acenaphthylene	152	7.225	7.225	(0.980)	1284017	20.0000	21
	41 3-Nitroaniline	138	7.343	7.343	(0.996)	200491	20.0000	20
*	82 Acenaphthene-d10	164	7.372	7.372	(1.000)	1426257	40.0000	
	42 Acenaphthene	154	7.401	7.401	(1.004)	786606	20.0000	21
	122 2,6-Di-tert-butyl-p-cresol	205	7.419	7.419	(1.006)	756398	20.0000	21

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30765.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.454	7.454	(1.011)	133059	30.0000	29
	12 4-Nitrophenol	65	7.537	7.537	(1.022)	205481	30.0000	30
	44 2,4-Dinitrotoluene	165	7.584	7.584	(1.029)	229797	20.0000	20
	43 Dibenzofuran	168	7.578	7.578	(1.028)	1090253	20.0000	21
	130 2,3,4,6-Tetrachlorophenol	232	7.713	7.713	(1.046)	169685	20.0000	19
	45 Diethylphthalate	149	7.830	7.830	(1.062)	758742	20.0000	20
	47 Fluorene	166	7.918	7.918	(1.074)	857604	20.0000	20
	46 4-Chlorophenyl-phenylether	204	7.924	7.924	(1.075)	404540	20.0000	20
	48 4-Nitroaniline	138	7.948	7.948	(1.078)	167780	20.0000	21
	13 4,6-Dinitro-2-methylphenol	198	7.989	7.989	(0.904)	180284	30.0000	30
	49 N-Nitrosodiphenylamine	169	8.048	8.048	(0.910)	546438	20.0000	20
	75 1,2-Diphenylhydrazine	77	8.083	8.083	(0.914)	1002392	20.0000	21
$	18 2,4,6-Tribromophenol (SUR)	330	8.159	8.159	(1.107)	106471	20.0000	20
	50 4-Bromophenyl-phenylether	248	8.406	8.406	(0.951)	207561	20.0000	19
	51 Hexachlorobenzene	284	8.465	8.465	(0.957)	219655	20.0000	19
	112 Atrazine	200	8.588	8.588	(0.971)	181577	20.0000	20
	14 Pentachlorophenol	266	8.665	8.665	(0.980)	158094	30.0000	28
	132 Pentachloronitrobenzene	237	8.676	8.676	(0.981)	85252	20.0000	20
	115 n-Octadecane	57	8.770	8.770	(0.992)	500888	20.0000	20
*	83 Phenanthrene-d10	188	8.841	8.841	(1.000)	1779166	40.0000	
	52 Phenanthrene	178	8.859	8.859	(1.002)	976453	20.0000	20
	53 Anthracene	178	8.911	8.911	(1.008)	996394	20.0000	20
	54 Carbazole	167	9.076	9.076	(1.027)	798168	20.0000	20
	55 Di-n-butylphthalate	149	9.440	9.440	(1.068)	990679	20.0000	20
	56 Fluoranthene	202	10.028	10.028	(1.134)	813061	20.0000	20
	58 Benzidine	184	10.169	10.169	(1.150)	299836	30.0000	47
	57 Pyrene	202	10.245	10.245	(0.890)	784728	20.0000	20
$	78 Terphenyl-d14	244	10.416	10.416	(0.905)	516037	20.0000	20
	59 Butylbenzylphthalate	149	10.915	10.915	(0.948)	317754	20.0000	19
	124 Carbamazepine	193	11.015	11.015	(0.957)	233746	20.0000	20
	60 3,3'-Dichlorobenzidine	252	11.485	11.485	(0.998)	268051	30.0000	33
	61 Benzo(a)anthracene	228	11.497	11.497	(0.999)	539779	20.0000	19
*	81 Chrysene-d12	240	11.508	11.508	(1.000)	937652	40.0000	
	62 Chrysene	228	11.538	11.538	(1.003)	524164	20.0000	20
	63 bis(2-Ethylhexyl)phthalate	149	11.567	11.567	(1.005)	408857	20.0000	19
	64 Di-n-octylphthalate	149	12.372	12.372	(0.929)	614111	20.0000	19
	65 Benzo(b)fluoranthene	252	12.819	12.819	(0.963)	454140	20.0000	20
	66 Benzo(k)fluoranthene	252	12.854	12.854	(0.966)	473470	20.0000	20
	67 Benzo(a)pyrene	252	13.236	13.236	(0.994)	369609	20.0000	20
*	84 Perylene-d12	264	13.312	13.312	(1.000)	696545	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.711	14.711	(1.105)	350939	20.0000	18(M)
	69 Dibenz(a,h)anthracene	278	14.740	14.740	(1.107)	344262	20.0000	20
	70 Benzo(g,h,i)perylene	276	15.063	15.063	(1.132)	355805	20.0000	19

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30765.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

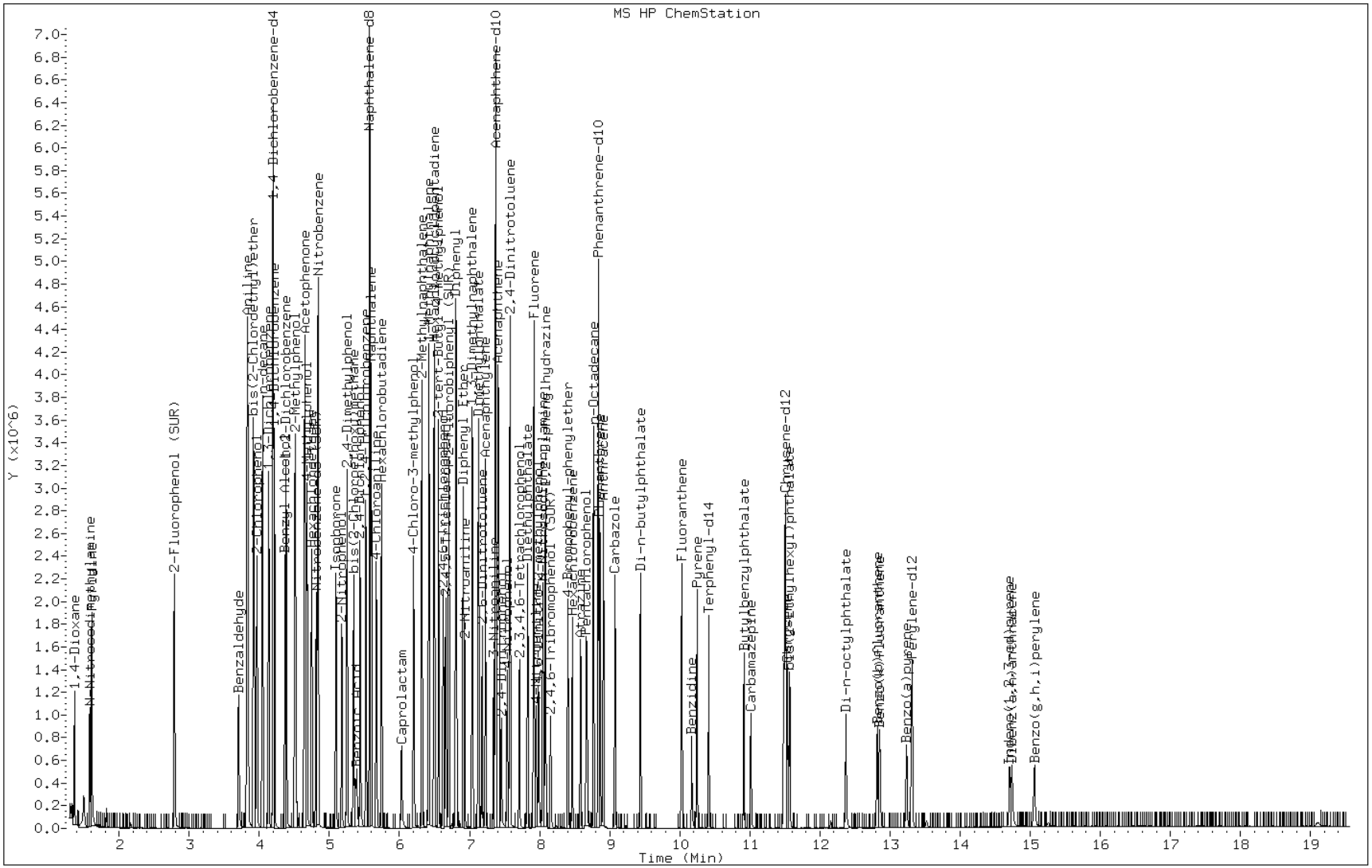
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30765.d

Date: 06-JUN-2012 14:13

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1519303 Operator: BNAMS 4



Manual Integration Report

Data File: p30765.d
Inj. Date and Time: 06-JUN-2012 14:13
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/07/2012

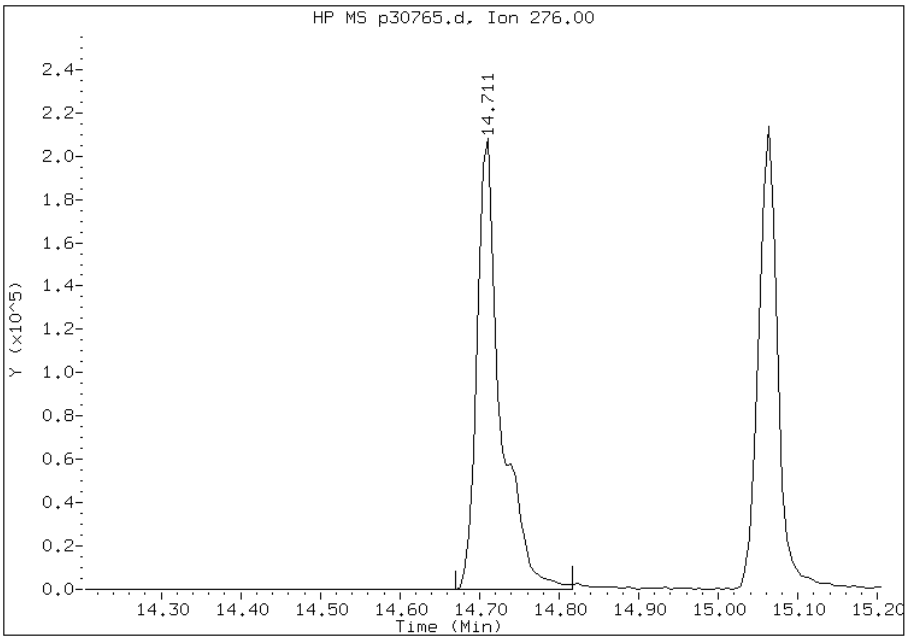
Processing Integration Results

RT: 14.71

Response: 425049

Amount: 21

Conc: 21



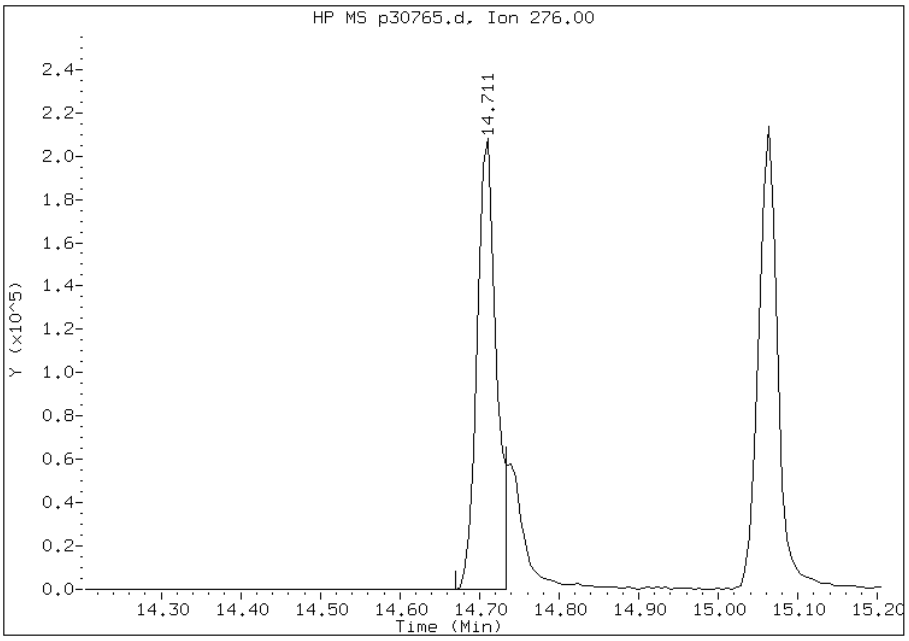
Manual Integration Results

RT: 14.71

Response: 350939

Amount: 18

Conc: 18



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30766.d
Report Date: 06-Jun-2012 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30766.d
Lab Smp Id: IC-1519302
Inj Date : 06-JUN-2012 14:41
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : IC-1519302
Misc Info : 10ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/8270C_11.m
Meth Date : 06-Jun-2012 15:04 monica Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.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: 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	1.373	1.373	(0.327)	163920	10.0000	10
	19 N-Nitrosodimethylamine	74	1.597	1.597	(0.380)	221423	10.0000	10
	71 Pyridine	79	1.620	1.620	(0.386)	407607	10.0000	11(H)
$	16 2-Fluorophenol (SUR)	112	2.795	2.795	(0.666)	359708	10.0000	10
	110 Benzaldehyde	77	3.706	3.706	(0.882)	162499	10.0000	15
$	17 Phenol-d5 (SUR)	99	3.818	3.818	(0.909)	430261	10.0000	11
	73 Aniline	93	3.835	3.835	(0.913)	522219	10.0000	11
	1 Phenol	94	3.835	3.835	(0.913)	488439	10.0000	11
	20 bis(2-Chloroethyl)ether	93	3.917	3.917	(0.933)	355357	10.0000	9.9
	2 2-Chlorophenol	128	3.964	3.964	(0.944)	370508	10.0000	11
	113 n-decane	43	4.047	4.047	(0.964)	348169	10.0000	10
	21 1,3-Dichlorobenzene	146	4.135	4.135	(0.985)	424877	10.0000	10
*	79 1,4-Dichlorobenzene-d4	152	4.199	4.199	(1.000)	1039991	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30766.d
Report Date: 06-Jun-2012 15:04

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
22	1,4-Dichlorobenzene	146	4.217	4.217	(1.004)	425278	10.0000	10
74	Benzyl Alcohol	108	4.364	4.364	(1.039)	213827	10.0000	10
23	1,2-Dichlorobenzene	146	4.382	4.382	(1.043)	398050	10.0000	10
3	2-Methylphenol	108	4.505	4.505	(1.073)	317804	10.0000	11
24	bis (2-chloroisopropyl) ether	45	4.517	4.517	(1.076)	375661	10.0000	10
104	Acetophenone	105	4.652	4.652	(1.108)	473744	10.0000	11
25	N-Nitroso-di-n-propylamine	70	4.664	4.664	(1.111)	239712	10.0000	11
4	4-Methylphenol	108	4.675	4.675	(1.113)	308131	10.0000	11
123	3 & 4 Methylphenol	108	4.675	4.675	(1.113)	309430	10.0000	11
26	Hexachloroethane	117	4.746	4.746	(1.130)	161225	10.0000	10
$ 76	Nitrobenzene-d5 (SUR)	82	4.811	4.811	(0.863)	374544	10.0000	10
27	Nitrobenzene	77	4.828	4.828	(0.866)	499321	10.0000	12
107	N,N-Dimethylaniline	120	4.840	4.840	(1.153)	503842	10.0000	11
28	Isophorone	82	5.093	5.093	(0.914)	578484	10.0000	11
5	2-Nitrophenol	139	5.175	5.175	(0.928)	178808	10.0000	10
6	2,4-Dimethylphenol	122	5.251	5.251	(0.942)	299360	10.0000	11
29	bis(2-Chloroethoxy)methane	93	5.345	5.345	(0.959)	361342	10.0000	11
15	Benzoic Acid	122	5.369	5.369	(0.963)	138227	10.0000	9.5
7	2,4-Dichlorophenol	162	5.439	5.439	(0.976)	259166	10.0000	11
30	1,2,4-Trichlorobenzene	180	5.521	5.521	(0.990)	302472	10.0000	11
* 80	Naphthalene-d8	136	5.574	5.574	(1.000)	3129900	40.0000	
31	Naphthalene	128	5.598	5.598	(1.004)	930236	10.0000	12
32	4-Chloroaniline	127	5.668	5.668	(1.017)	332522	10.0000	11
33	Hexachlorobutadiene	225	5.745	5.745	(1.031)	167651	10.0000	10
111	Caprolactam	113	6.015	6.015	(1.079)	68592	10.0000	10
8	4-Chloro-3-methylphenol	107	6.203	6.203	(1.113)	254974	10.0000	11
34	2-Methylnaphthalene	142	6.321	6.321	(1.134)	565164	10.0000	11
120	1-Methylnaphthalene	142	6.420	6.420	(1.152)	568247	10.0000	11
35	Hexachlorocyclopentadiene	237	6.491	6.491	(0.880)	120206	10.0000	8.6
129	1,2,4,5-Tetrachlorobenzene	216	6.497	6.497	(0.881)	255483	10.0000	10
121	2-tert-Butyl-4-methylphenol	149	6.556	6.556	(1.176)	386314	10.0000	11
9	2,4,6-Trichlorophenol	196	6.620	6.620	(0.898)	150724	10.0000	10
10	2,4,5-Trichlorophenol	196	6.655	6.655	(0.903)	159977	10.0000	10
$ 77	2-Fluorobiphenyl (SUR)	172	6.702	6.702	(0.909)	579400	10.0000	10
102	Diphenyl	154	6.802	6.802	(0.923)	660753	10.0000	11
36	2-Chloronaphthalene	162	6.814	6.814	(0.924)	493794	10.0000	10
103	Diphenyl Ether	170	6.908	6.908	(0.937)	355332	10.0000	10
37	2-Nitroaniline	65	6.926	6.926	(0.939)	147890	10.0000	10
125	1,3-Dimethylnaphthalene	156	7.037	7.037	(0.955)	419942	10.0000	10
38	Dimethylphthalate	163	7.125	7.125	(0.967)	464774	10.0000	10
114	Coumarin	146	7.131	7.131	(1.279)	154833	10.0000	10
40	2,6-Dinitrotoluene	165	7.178	7.178	(0.974)	108794	10.0000	10
39	Acenaphthylene	152	7.225	7.225	(0.980)	748551	10.0000	11
41	3-Nitroaniline	138	7.343	7.343	(0.996)	111787	10.0000	10
* 82	Acenaphthene-d10	164	7.372	7.372	(1.000)	1606231	40.0000	
42	Acenaphthene	154	7.402	7.402	(1.004)	451664	10.0000	10
122	2,6-Di-tert-butyl-p-cresol	205	7.413	7.413	(1.006)	425575	10.0000	10

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30766.d
Report Date: 06-Jun-2012 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.455	7.455	(1.011)	84621	20.0000	17
	12 4-Nitrophenol	65	7.537	7.537	(1.022)	139697	20.0000	18
	44 2,4-Dinitrotoluene	165	7.578	7.578	(1.028)	130161	10.0000	10
	43 Dibenzofuran	168	7.578	7.578	(1.028)	633043	10.0000	11
	130 2,3,4,6-Tetrachlorophenol	232	7.707	7.707	(1.045)	98198	10.0000	10
	45 Diethylphthalate	149	7.825	7.825	(1.061)	440747	10.0000	10
	47 Fluorene	166	7.913	7.913	(1.073)	501782	10.0000	11
	46 4-Chlorophenyl-phenylether	204	7.925	7.925	(1.075)	237325	10.0000	10
	48 4-Nitroaniline	138	7.948	7.948	(1.078)	91666	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.983	7.983	(0.903)	120281	20.0000	18
	49 N-Nitrosodiphenylamine	169	8.042	8.042	(0.910)	304090	10.0000	9.8
	75 1,2-Diphenylhydrazine	77	8.077	8.077	(0.914)	594539	10.0000	11
$	18 2,4,6-Tribromophenol (SUR)	330	8.154	8.154	(1.106)	60238	10.0000	9.8
	50 4-Bromophenyl-phenylether	248	8.406	8.406	(0.951)	119875	10.0000	9.9
	51 Hexachlorobenzene	284	8.465	8.465	(0.957)	127843	10.0000	10
	112 Atrazine	200	8.583	8.583	(0.971)	105178	10.0000	10
	14 Pentachlorophenol	266	8.665	8.665	(0.980)	107108	20.0000	17
	132 Pentachloronitrobenzene	237	8.677	8.677	(0.981)	47681	10.0000	9.8
	115 n-Octadecane	57	8.771	8.771	(0.992)	283667	10.0000	10
*	83 Phenanthrene-d10	188	8.841	8.841	(1.000)	1999300	40.0000	
	52 Phenanthrene	178	8.859	8.859	(1.002)	578571	10.0000	11
	53 Anthracene	178	8.912	8.912	(1.008)	583926	10.0000	11
	54 Carbazole	167	9.076	9.076	(1.027)	467228	10.0000	10
	55 Di-n-butylphthalate	149	9.440	9.440	(1.068)	587388	10.0000	11
	56 Fluoranthene	202	10.028	10.028	(1.134)	487002	10.0000	10
	58 Benzidine	184	10.169	10.169	(1.150)	283097	20.0000	39
	57 Pyrene	202	10.245	10.245	(0.890)	469335	10.0000	11
$	78 Terphenyl-d14	244	10.416	10.416	(0.905)	309928	10.0000	11
	59 Butylbenzylphthalate	149	10.915	10.915	(0.948)	185897	10.0000	10
	124 Carbamazepine	193	11.015	11.015	(0.957)	112939	10.0000	9.0
	60 3,3'-Dichlorobenzidine	252	11.479	11.479	(0.997)	201802	20.0000	23
	61 Benzo(a)anthracene	228	11.497	11.497	(0.999)	312369	10.0000	10
*	81 Chrysene-d12	240	11.509	11.509	(1.000)	1026970	40.0000	
	62 Chrysene	228	11.538	11.538	(1.003)	288687	10.0000	10
	63 bis(2-Ethylhexyl)phthalate	149	11.567	11.567	(1.005)	243383	10.0000	10
	64 Di-n-octylphthalate	149	12.372	12.372	(0.929)	331541	10.0000	10
	65 Benzo(b)fluoranthene	252	12.813	12.813	(0.962)	225328	10.0000	9.9
	66 Benzo(k)fluoranthene	252	12.848	12.848	(0.965)	251631	10.0000	10
	67 Benzo(a)pyrene	252	13.236	13.236	(0.994)	193236	10.0000	10
*	84 Perylene-d12	264	13.312	13.312	(1.000)	713321	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.705	14.705	(1.105)	179662	10.0000	9.2(M)
	69 Dibenz(a,h)anthracene	278	14.740	14.740	(1.107)	169028	10.0000	9.4
	70 Benzo(g,h,i)perylene	276	15.058	15.058	(1.131)	180819	10.0000	9.7

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30766.d
Report Date: 06-Jun-2012 15:04

QC Flag Legend

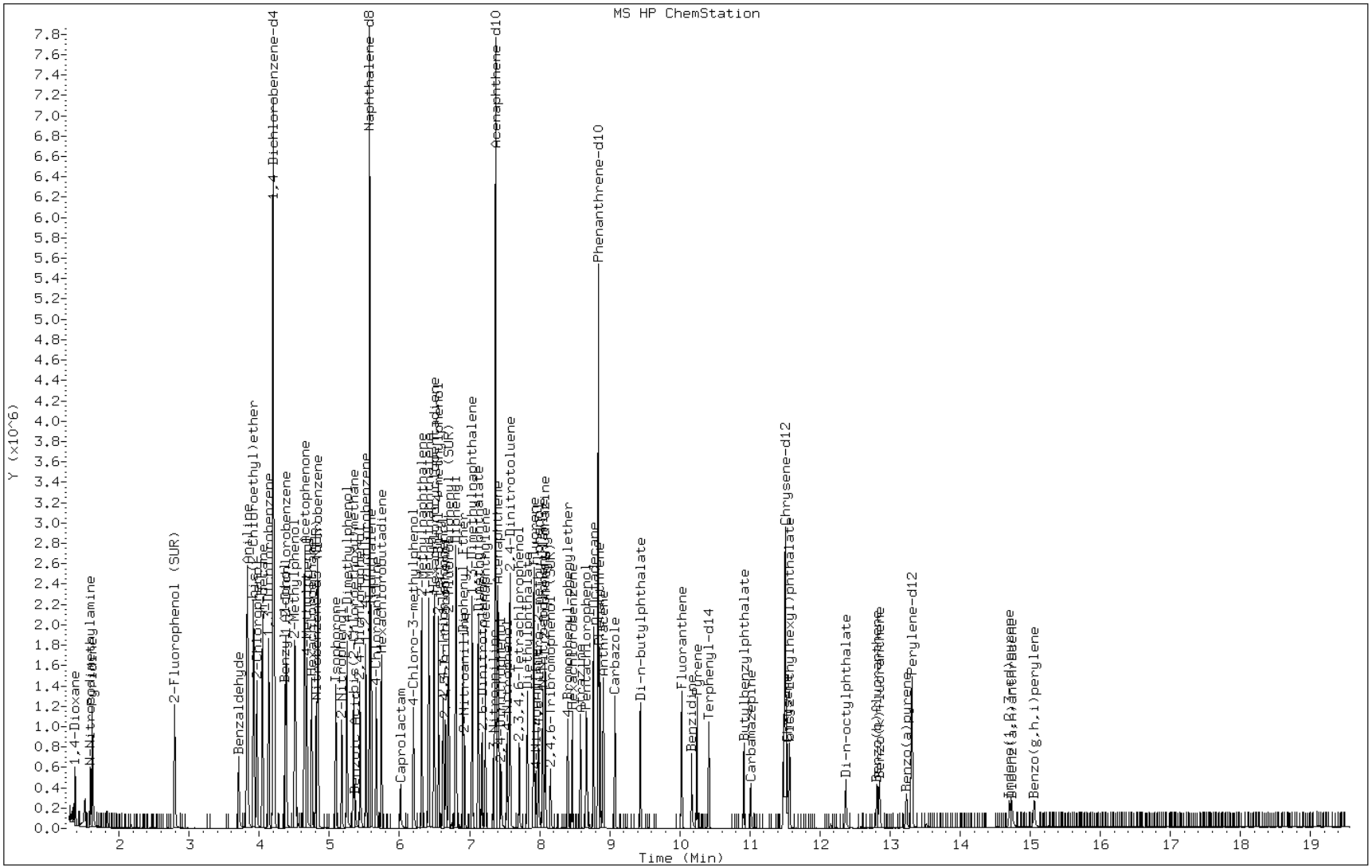
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30766.d

Date: 06-JUN-2012 14:41

Client ID: Instrument: BNAMS10.i

Sample Info: IC-1519302 Operator: BNAMS 4



Manual Integration Report

Data File: p30766.d
Inj. Date and Time: 06-JUN-2012 14:41
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/07/2012

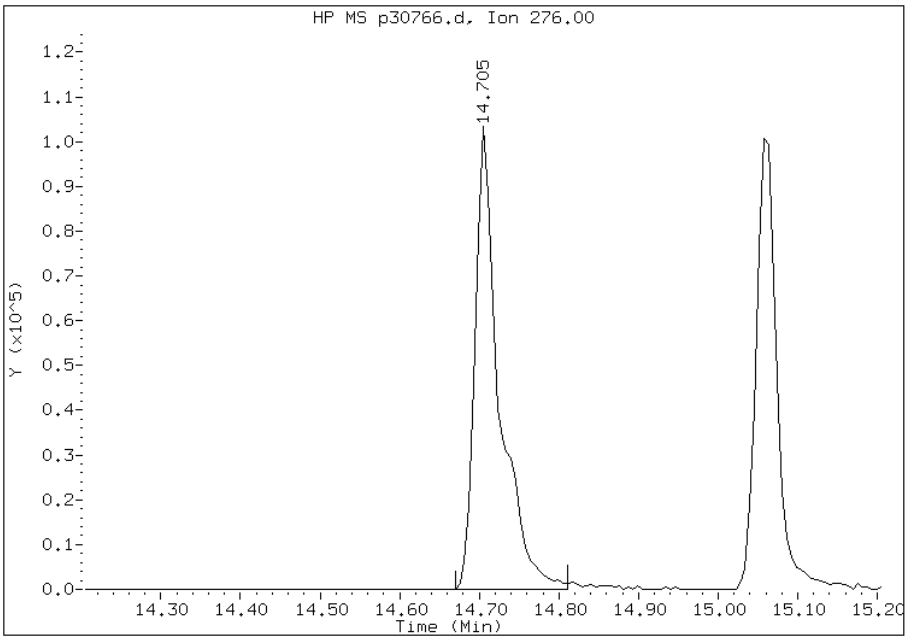
Processing Integration Results

RT: 14.70

Response: 217885

Amount: 11

Conc: 11



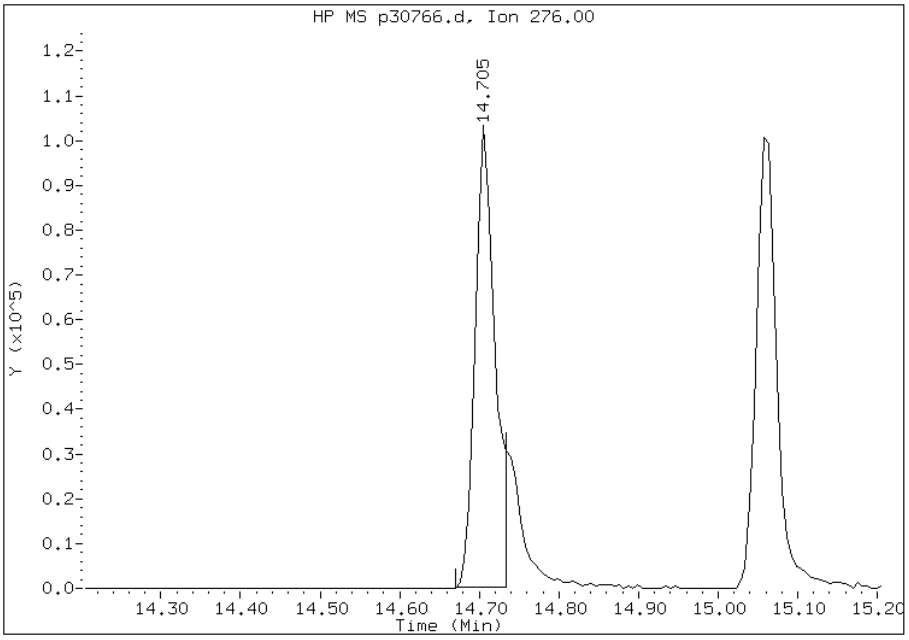
Manual Integration Results

RT: 14.70

Response: 179662

Amount: 9

Conc: 9



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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116906/7	u77571.d
Level 2	IC 460-116906/6	u77570.d
Level 3	IC 460-116906/5	u77569.d
Level 4	ICIS 460-116906/2	u77566.d
Level 5	IC 460-116906/4	u77568.d
Level 6	IC 460-116906/3	u77567.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	0.5988 0.5361	0.5273	0.4703	0.5182	0.4906	Ave		0.5236				8.5		15.0			
N-Nitrosodimethylamine	0.9539 1.0612	0.9932	0.8985	1.0435	0.9427	Ave		0.9822				6.4		15.0			
Pyridine	1.6316 1.6396	1.4950	1.3598	1.6202	1.5818	Ave		1.5547				7.0		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1197	+++++	Ave		0.1197						15.0			
Benzaldehyde	1.2691 +++++	0.8437	0.7752	0.5784	0.2265	Ave		0.7386				51.6	*	15.0			
Aniline	2.3741 2.2066	2.3349	2.1994	2.4521	2.3170	Ave		2.3140				4.2		15.0			
Phenol	2.1342 2.2947	2.1759	1.9255	2.2751	2.1029	Ave		2.1514				6.2		30.0			
Bis(2-chloroethyl)ether	1.5937 2.0807	1.5593	1.3818	1.6482	1.5715	Ave		1.6392				14.3		15.0			
2-Chlorophenol	1.2719 1.3387	1.1861	1.1439	1.3142	1.2840	Ave		1.2565				6.0		15.0			
Decane	2.2758 2.2203	2.1229	2.0123	2.1188	1.9814	Ave		2.1219				5.4		15.0			
1,3-Dichlorobenzene	1.4299 1.6491	1.4554	1.3007	1.4459	1.5028	Ave		1.4640				7.7		15.0			
1,4-Dichlorobenzene	1.5029 1.7424	1.3716	1.3032	1.6238	1.5277	Ave		1.5119				10.6		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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	0.9384 1.0662	0.9067	0.8988	1.0074	0.9937	Ave		0.9685				6.7		15.0			
1,2-Dichlorobenzene	1.4365 1.6520	1.3320	1.2849	1.4676	1.4551	Ave		1.4380				8.9		15.0			
2-Methylphenol	1.3332 1.3814	1.3354	1.2691	1.4185	1.3774	Ave		1.3525				3.8		15.0			
2,2'-oxybis[1-chloropropane]	3.2415 3.2055	3.0612	2.9033	3.1479	2.9314	Ave		3.0818				4.6		15.0			
Acetophenone	2.5151 2.4160	2.4095	2.0577	2.3151	2.3055	Ave		2.3365				6.7		15.0			
N-Nitrosodi-n-propylamine	1.3163 1.5246	1.5790	1.3877	1.6138	1.4707	Ave		1.4820			0.0500	7.7		15.0			
3 & 4 Methylphenol	1.3895 1.4050	1.4302	1.3340	1.4093	1.4084	Ave		1.3961				2.4		15.0			
4-Methylphenol	1.3895 1.4050	1.4302	1.3216	1.4093	1.4084	Ave		1.3940				2.7		15.0			
Hexachloroethane	0.8338 0.8815	0.8178	0.7236	0.8281	0.7928	Ave		0.8129				6.5		15.0			
Nitrobenzene	0.8701 0.8322	0.8297	0.7602	0.7926	0.7964	Ave		0.8135				4.7		15.0			
n,n'-Dimethylaniline	1.6335 2.1759	1.8094	1.7467	1.9364	1.9403	Ave		1.8737				10.1		15.0			
Isophorone	1.0351 1.1013	1.0486	0.9510	1.0439	1.0475	Ave		1.0379				4.7		15.0			
2-Nitrophenol	0.1835 0.2210	0.2026	0.1964	0.2097	0.2264	Ave		0.2066				7.7		30.0			
2,4-Dimethylphenol	0.2983 0.3342	0.3008	0.2806	0.3152	0.3148	Ave		0.3073				6.0		15.0			
Bis(2-chloroethoxy)methane	0.5195 0.5829	0.5340	0.4568	0.5287	0.5382	Ave		0.5267				7.7		15.0			
Benzoic acid	0.0871 0.2121	0.1492	0.1631	0.1821	0.1892	QuaF		6.0907	-2.163						0.9996		0.9900
2,4-Dichlorophenol	0.3116 0.3692	0.3371	0.3030	0.3440	0.3676	Ave		0.3387				8.1		30.0			
1,2,4-Trichlorobenzene	0.3138 0.4217	0.3707	0.3362	0.3740	0.3992	Ave		0.3693				10.7		15.0			
Naphthalene	0.9205 1.1431	0.9950	0.7901	0.9717	1.0664	Ave		0.9811				12.4		15.0			
4-Chloroaniline	0.3866 0.4438	0.3849	0.3793	0.3946	0.4128	Ave		0.4003				6.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	0.2445 0.2784	0.2460	0.2211	0.2558	0.2484	Ave		0.2490				7.4		30.0			
Caprolactam	0.1201 0.1153	0.1244	0.1067	0.1060	0.1062	Ave		0.1131				7.1		15.0			
4-Chloro-3-methylphenol	0.4076 0.4085	0.4267	0.3880	0.4220	0.4242	Ave		0.4128				3.5		30.0			
2-Methylnaphthalene	0.5817 0.7548	0.6192	0.5648	0.6489	0.7024	Ave		0.6453				11.3		15.0			
1-Methylnaphthalene	0.6436 0.7876	0.6116	0.5829	0.6807	0.6867	Ave		0.6655				10.8		15.0			
Hexachlorocyclopentadiene	0.2348 0.4316	0.2377	0.2985	0.3865	0.4051	LinF		0.4181							0.9911		0.9900
1,2,4,5-Tetrachlorobenzene	0.6045 0.6383	0.6163	0.6317	0.6904	0.6806	Ave		0.6436				5.4		30.0			
2-tertbutyl-4-methylphenol	0.5036 0.5789	0.4965	0.4700	0.5247	0.5354	Ave		0.5182				7.2		15.0			
2,4,6-Trichlorophenol	0.3746 0.4363	0.3962	0.4316	0.4269	0.4359	Ave		0.4169				6.1		30.0			
2,4,5-Trichlorophenol	0.4075 0.4757	0.4206	0.4127	0.4300	0.4655	Ave		0.4353				6.6		15.0			
Diphenyl	1.2180 1.5668	1.2079	1.2695	1.3999	1.3841	Ave		1.3410				10.2		15.0			
2-Chloronaphthalene	1.0634 1.2577	1.0317	1.0650	1.1553	1.2038	Ave		1.1295				8.0		15.0			
Diphenyl ether	0.7169 0.9047	0.6986	0.7098	0.7496	0.7866	Ave		0.7610				10.2		15.0			
2-Nitroaniline	0.5966 0.5807	0.5724	0.5571	0.5577	0.5711	Ave		0.5726				2.6		15.0			
Dimethylnaphthalene, total	0.7534 0.9236	0.7868	0.7954	0.9316	0.8953	Ave		0.8477				9.2		15.0			
Dimethyl phthalate	1.2240 1.3991	1.2809	1.3022	1.3786	1.3865	Ave		1.3285				5.3		15.0			
Coumarin	0.2468 0.2832	0.2483	0.2351	0.2581	0.2613	Ave		0.2555				6.4		15.0			
2,6-Dinitrotoluene	0.2858 0.3390	0.3087	0.2994	0.3305	0.3267	Ave		0.3150				6.5		15.0			
Acenaphthylene	1.6109 1.8951	1.5198	1.5699	1.6847	1.7672	Ave		1.6746				8.3		15.0			
3-Nitroaniline	0.2871 0.3047	0.2888	0.3003	0.3015	0.3101	Ave		0.2988				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	0.8984 1.0973	0.9307	0.9659	1.0923	1.0805	Ave		1.0109				8.9		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9015 0.9536	0.9151	0.9656	0.9783	0.9792	Ave		0.9489				3.5		15.0			
2,4-Dinitrophenol	0.1248 0.2157	0.1505	0.1819	0.1896	0.2192	QuaF		5.5054	-1.470		0.0500				0.9946		0.9900
4-Nitrophenol	0.3947 0.4076	0.3839	0.3685	0.3897	0.4104	Ave		0.3925			0.0500	4.0		15.0			
Dibenzofuran	1.4658 1.7762	1.4911	1.5368	1.6444	1.6311	Ave		1.5909				7.3		15.0			
2,4-Dinitrotoluene	0.3541 0.4413	0.4074	0.4059	0.4417	0.4413	Ave		0.4153				8.3		15.0			
2,3,4,6-Tetrachlorophenol	0.3016 0.3585	0.3204	0.2955	0.3368	0.3705	Ave		0.3305				9.2		30.0			
Diethyl phthalate	1.3777 1.4734	1.3476	1.3189	1.3983	1.4169	Ave		1.3888				3.9		15.0			
Fluorene	1.1858 1.3144	1.1342	1.1638	1.3305	1.3233	Ave		1.2420				7.3		15.0			
4-Chlorophenyl phenyl ether	0.5967 0.6744	0.6026	0.6060	0.6925	0.6616	Ave		0.6390				6.6		15.0			
4-Nitroaniline	0.2739 0.2600	0.2709	0.2471	0.2581	0.2738	Ave		0.2640				4.1		15.0			
4,6-Dinitro-2-methylphenol	0.1374 0.1702	0.1450	0.1576	0.1605	0.1745	Ave		0.1575				9.1		15.0			
N-Nitrosodiphenylamine	0.5285 0.5734	0.4976	0.5134	0.5166	0.5455	Ave		0.5292				5.1		30.0			
1,2-Diphenylhydrazine	1.1816 1.6028	1.4883	1.4525	1.4236	1.3623	Ave		1.4185				9.9		15.0			
4-Bromophenyl phenyl ether	0.2207 0.2585	0.2181	0.2176	0.2312	0.2313	Ave		0.2296				6.7		15.0			
Hexachlorobenzene	0.2693 0.3211	0.2784	0.2700	0.2881	0.2942	Ave		0.2869				6.8		15.0			
Atrazine	0.2254 0.2288	0.2201	0.2011	0.2145	0.2067	Ave		0.2161				5.0		15.0			
Pentachlorophenol	0.1339 0.2101	0.1423	0.1682	0.1832	0.1933	QuaF		6.0950	-2.156						0.9985		0.9900
Pentachloronitrobenzene	0.1371 0.1435	0.1285	0.1261	0.1372	0.1411	Ave		0.1356				5.1					
n-Octadecane	0.7547 0.7350	0.7349	0.7464	0.7523	0.7401	Ave		0.7439				1.2		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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	1.0593 1.2302	1.0741	1.0806	1.1234	1.1345	Ave		1.1170				5.6		15.0			
Anthracene	1.0948 1.1991	1.0944	1.1278	1.1080	1.1263	Ave		1.1251				3.5		15.0			
Carbazole	0.9587 1.0623	0.9504	0.9141	0.8965	0.9727	Ave		0.9591				6.1		15.0			
Di-n-butyl phthalate	1.4307 1.5306	1.3638	1.3584	1.3752	1.5355	Ave		1.4324				5.7		15.0			
Fluoranthene	1.1449 1.2407	1.1404	1.1173	1.0749	1.1369	Ave		1.1425				4.8		30.0			
Benzidine	0.2696 +++++	0.3715	0.2735	0.1502	0.0907	Ave		0.2311				48.0	*	15.0			
Pyrene	1.4481 1.6105	1.3781	1.4597	1.4953	1.5002	Ave		1.4820				5.2		15.0			
Butyl benzyl phthalate	0.7782 0.7918	0.7487	0.6948	0.7261	0.7279	Ave		0.7446				4.8		15.0			
Carbamazepine	0.3949 0.5255	0.4138	0.4558	0.4428	0.4828	Ave		0.4526				10.4		15.0			
3,3'-Dichlorobenzidine	0.4001 0.3004	0.3729	0.3593	0.3173	0.3158	Ave		0.3443				11.3		15.0			
Benzo[a]anthracene	1.4161 1.2362	1.1334	1.0506	1.0543	1.1353	Ave		1.1710				11.8		15.0			
Chrysene	1.0180 1.1345	1.0038	0.9426	1.0033	1.0119	Ave		1.0190				6.2		15.0			
Bis(2-ethylhexyl) phthalate	0.9668 1.0886	0.8954	0.9234	0.8929	0.9663	Ave		0.9556				7.6		15.0			
Di-n-octyl phthalate	2.0924 2.3789	2.0278	2.0240	2.3127	2.2508	Ave		2.1811				7.0		30.0			
Benzo[b]fluoranthene	1.0137 1.5687	1.2793	1.1944	1.4698	1.3784	LinF		1.5054							0.9914		0.9900
Benzo[k]fluoranthene	1.2757 1.3501	1.5051	1.3251	1.3805	1.3752	Ave		1.3686				5.6		15.0			
Benzo[a]pyrene	0.8388 1.1642	1.0746	0.9894	1.1019	1.1181	Ave		1.0478				11.2		30.0			
Indeno[1,2,3-cd]pyrene	0.7365 1.1624	0.9036	0.8462	1.0353	1.0420	LinF		1.1146							0.9913		0.9900
Dibenz(a,h)anthracene	0.6501 1.1738	0.8565	0.8604	0.9499	1.0787	QuaF		1.1139	-0.076						0.9993		0.9900
Benzo[g,h,i]perylene	0.8741 1.2136	0.8739	0.8813	0.9724	1.0627	Ave		0.9797				14.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	1.3379 1.4748	1.2804	1.2059	1.4442	1.3696	Ave		1.3521				7.4		15.0			
Phenol-d5	1.9726 2.1633	1.8981	1.8425	2.1032	1.9980	Ave		1.9963				6.1		15.0			
Nitrobenzene-d5	0.6138 0.6535	0.6273	0.5690	0.6085	0.6298	Ave		0.6170				4.6		15.0			
2-Fluorobiphenyl	1.2050 1.4381	1.1691	1.1955	1.3139	1.2903	Ave		1.2687				7.9		15.0			
2,4,6-Tribromophenol	0.2308 0.2640	0.2252	0.2369	0.2645	0.2669	Ave		0.2481				7.7		15.0			
Terphenyl-d14	0.9448 1.1067	0.9426	0.9807	1.0135	1.0278	Ave		1.0027				6.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116906/7	u77571.d
Level 2	IC 460-116906/6	u77570.d
Level 3	IC 460-116906/5	u77569.d
Level 4	ICIS 460-116906/2	u77566.d
Level 5	IC 460-116906/4	u77568.d
Level 6	IC 460-116906/3	u77567.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	12783 223517	23127	46713	112900	147756	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	20362 442428	43562	89252	227332	283902	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	34831 683563	65573	135068	352969	476365	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	643	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	27092 +++++	37004	77007	126007	68223	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	50680 919911	102412	218466	534209	697785	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	45560 956669	95437	191261	495633	633316	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	3402 867454	68392	137253	359068	473276	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	27152 558107	52022	113624	286307	386672	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	48582 925618	93112	199887	461579	596711	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	30524 687509	63836	129198	314995	452586	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	32082 726423	60159	129452	353756	460072	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	20033 444480	39770	89278	219473	299246	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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	30666 688731	58422	127636	319729	438212	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	28461 575899	58570	126067	309035	414825	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	69197 1336359	134266	288394	685782	882799	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	53691 1007221	105681	204392	504353	694325	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2810 635594	69257	137839	351580	442903	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	29662 585755	62728	132507	307015	424138	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	29662 585755	62728	131275	307015	424138	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1780 367510	35870	71872	180410	238747	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	7002 1179125	127731	272820	614697	799814	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	3487 907116	79363	173508	421861	584341	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	83305 1560519	161447	341297	809522	1051981	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	14769 313160	31191	70503	162596	227421	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	24010 473536	46304	100710	244466	316181	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	41805 825886	82213	163940	410032	540506	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	7011 300470	22966	58545	141256	189995	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	25076 523143	51898	108756	266784	369147	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	2525 597537	57066	120660	290061	400934	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	74082 1619787	153182	283548	753558	1071012	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	31109 628812	59253	136143	305996	414607	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	3936 394470	37879	79348	198376	249459	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	9663 163342	19156	38292	82194	106703	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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	32800 578791	65696	139263	327252	426052	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	46815 1069567	95330	202712	503205	705418	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	51793 1116050	94166	209196	527857	689629	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	LinF	12240 393371	24494	62742	183560	255125	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	31511 581665	63497	132764	327863	428671	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	40525 820252	76446	168670	406888	537705	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	19525 397608	40817	90714	202704	274563	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	21240 433531	43336	86729	204215	293169	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	63491 1427895	124447	266793	664767	871767	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	55432 1146147	106294	223817	548649	758193	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	37371 824434	71979	149173	355973	495432	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	62203 529240	58971	117092	264861	359711	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	39272 841674	81063	167173	442380	563884	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	63807 1274995	131972	273669	654655	873270	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	19865 401214	38221	84386	200172	262454	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2980 308920	31807	62922	156961	205757	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	83972 1727088	156586	329941	800005	1113042	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	29931 277689	29758	63113	143181	195298	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	46830 999959	95896	203001	518718	680552	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	46995 869005	94282	202937	464558	616749	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	19521 196566	31020	57351	90019	138065	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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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-Nitrophenol	ANT	Ave	61719 371495	79099	116183	185060	258517	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	76408 1618729	153633	322973	780883	1027364	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3692 402185	41977	85307	209772	277980	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	15721 326700	33007	62110	159934	233350	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	71819 1342774	138847	277179	664041	892442	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	61814 1197881	116854	244580	631802	833465	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	31106 614621	62083	127349	328853	416725	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	28552 236977	27911	51934	122573	172482	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	34734 234735	47057	78360	118278	177764	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	44524 790817	80752	170218	380753	555572	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	99545 2210487	241516	481598	1049285	1387563	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18593 356452	35393	72143	170431	235538	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2269 442869	45178	89514	212339	299700	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	18986 315504	35715	66672	158097	210575	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	33841 289705	46187	83674	135031	196862	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	11546 197844	20860	41827	101099	143731	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	63578 1013670	119254	247485	554496	753812	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	89240 1696672	174304	358285	827990	1155481	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	92235 1653650	177599	373939	816673	1147203	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	80763 1465106	154239	303085	660753	990724	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	120532 2110865	221318	450393	1013632	1563985	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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	96451 1711079	185069	370450	792280	1157937	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	22709 +++++	120581	136027	110735	92348	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	94880 1678321	182472	358513	803008	1145330	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	50985 825178	99129	170646	389911	555724	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	25871 547678	54797	111957	237791	368626	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	52428 313031	98762	132360	170403	241091	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9278 1288246	150071	258031	566196	866751	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	66698 1182272	132910	231506	538816	772539	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	63345 1134502	118558	226778	479506	737682	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	92249 1671027	172669	331220	750417	1051236	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	LinF	4469 1101891	108931	195458	476905	643765	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	5624 948334	128163	216848	447930	642293	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	3698 817734	91502	161913	357553	522179	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	LinF	3247 816493	76946	138485	335913	486650	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	2866 824516	72932	140795	308214	503815	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	38538 852478	74416	144224	315532	496332	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	28561 614836	56161	119787	314620	412458	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	42110 901859	83254	183023	458188	601724	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	49397 926013	96577	204194	471933	632548	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	62813 1310595	120455	251251	623947	812712	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	12033 240591	23205	49796	125609	168088	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.: 460-41492-1 Analy Batch No.: 116906

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2012 15:47 Calibration End Date: 06/20/2012 17:43 Calibration ID: 16112

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	61904 1153295	124804	240854	544297	784669	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/BNAMS4.i/8270T/06-20-12/20jun12.b/u77566.d
Report Date: 21-Jun-2012 05:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77566.d
Lab Smp Id: ICIS-1519304
Inj Date : 20-JUN-2012 15:47
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : ICIS-1519304
Misc Info : 50 ppm bna 4658
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 05:27 wahied Quant Type: ISTD
Cal Date : 20-JUN-2012 15:47 Cal File: u77566.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)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.227	1.227	(0.322)	112900	50.0000	49
	19 N-Nitrosodimethylamine	74	1.439	1.439	(0.378)	227332	50.0000	53
	71 Pyridine	79	1.461	1.461	(0.384)	352969	50.0000	52
$	16 2-Fluorophenol (SUR)	112	2.533	2.533	(0.665)	314620	50.0000	53
	110 Benzaldehyde	77	3.358	3.358	(0.882)	126007	50.0000	39
	73 Aniline	93	3.483	3.483	(0.914)	534209	50.0000	53
$	17 Phenol-d5 (SUR)	99	3.483	3.483	(0.914)	458188	50.0000	53
	1 Phenol	94	3.498	3.498	(0.918)	495633	50.0000	53
	20 bis(2-Chloroethyl)ether	93	3.558	3.558	(0.934)	359068	50.0000	50
	2 2-Chlorophenol	128	3.609	3.609	(0.947)	286307	50.0000	52
	113 n-decane	43	3.668	3.668	(0.963)	461579	50.0000	50
	21 1,3-Dichlorobenzene	146	3.757	3.757	(0.986)	314995	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	3.809	3.809	(1.000)	174283	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77566.d
Report Date: 21-Jun-2012 05:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.831	3.831	(1.006)	353756	50.0000	54
	74 Benzyl Alcohol	108	3.977	3.977	(1.044)	219473	50.0000	52
	23 1,2-Dichlorobenzene	146	3.985	3.985	(1.046)	319729	50.0000	51
	24 bis (2-chloroisopropyl) ether	45	4.110	4.110	(1.079)	685782	50.0000	51
	3 2-Methylphenol	108	4.110	4.110	(1.079)	309035	50.0000	52
	104 Acetophenone	105	4.243	4.243	(1.114)	504353	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.257	4.257	(1.118)	351580	50.0000	54(M)
	4 4-Methylphenol	108	4.272	4.272	(1.121)	307015	50.0000	50
	123 3 & 4 Methylphenol	108	4.272	4.272	(1.121)	307015	50.0000	50
	26 Hexachloroethane	117	4.323	4.323	(1.135)	180410	50.0000	51
$	76 Nitrobenzene-d5 (SUR)	82	4.396	4.396	(0.860)	471933	50.0000	49
	27 Nitrobenzene	77	4.419	4.419	(0.864)	614697	50.0000	49
	107 N,N-Dimethylaniline	120	4.419	4.419	(1.160)	421861	50.0000	52
	28 Isophorone	82	4.669	4.669	(0.913)	809522	50.0000	50
	5 2-Nitrophenol	139	4.735	4.735	(0.926)	162596	50.0000	51
	6 2,4-Dimethylphenol	122	4.809	4.809	(0.940)	244466	50.0000	51
	29 bis(2-Chloroethoxy)methane	93	4.898	4.898	(0.958)	410032	50.0000	50
	7 2,4-Dichlorophenol	162	4.995	4.995	(0.977)	266784	50.0000	51
	15 Benzoic Acid	122	5.003	5.003	(0.978)	141256	50.0000	51
	30 1,2,4-Trichlorobenzene	180	5.070	5.070	(0.991)	290061	50.0000	51
*	80 Naphthalene-d8	136	5.115	5.115	(1.000)	620409	40.0000	
	31 Naphthalene	128	5.137	5.137	(1.004)	753558	50.0000	50
	32 4-Chloroaniline	127	5.210	5.210	(1.019)	305996	50.0000	49
	33 Hexachlorobutadiene	225	5.276	5.276	(1.032)	198376	50.0000	51
	111 Caprolactam	113	5.627	5.627	(1.100)	82194	50.0000	47
	8 4-Chloro-3-methylphenol	107	5.745	5.745	(1.123)	327252	50.0000	51
	34 2-Methylnaphthalene	142	5.841	5.841	(1.142)	503205	50.0000	50
	120 1-Methylnaphthalene	142	5.938	5.938	(1.161)	527857	50.0000	51
	35 Hexachlorocyclopentadiene	237	6.005	6.005	(0.873)	183560	50.0000	46
	129 1,2,4,5-Tetrachlorobenzene	216	6.020	6.020	(0.875)	327863	50.0000	54
	121 2-tert-Butyl-4-methylphenol	149	6.080	6.080	(1.189)	406888	50.0000	51
	9 2,4,6-Trichlorophenol	196	6.147	6.147	(0.894)	202704	50.0000	51
	10 2,4,5-Trichlorophenol	196	6.191	6.191	(0.900)	204215	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.220	6.220	(0.904)	623947	50.0000	52
	102 Diphenyl	154	6.317	6.317	(0.918)	664767	50.0000	52
	36 2-Chloronaphthalene	162	6.332	6.332	(0.920)	548649	50.0000	51
	103 Diphenyl Ether	170	6.420	6.420	(0.933)	355973	50.0000	49
	37 2-Nitroaniline	65	6.450	6.450	(0.938)	264861	50.0000	49
	125 1,3-Dimethylnaphthalene	156	6.554	6.554	(0.953)	442380	50.0000	55
	38 Dimethylphthalate	163	6.643	6.643	(0.966)	654655	50.0000	52
	114 Coumarin	146	6.651	6.651	(1.300)	200172	50.0000	50
	40 2,6-Dinitrotoluene	165	6.702	6.702	(0.974)	156961	50.0000	52
	39 Acenaphthylene	152	6.739	6.739	(0.980)	800005	50.0000	50
	41 3-Nitroaniline	138	6.864	6.864	(0.998)	143181	50.0000	50
*	82 Acenaphthene-d10	164	6.879	6.879	(1.000)	379902	40.0000	
	42 Acenaphthene	154	6.917	6.917	(1.005)	518718	50.0000	54
	122 2,6-Di-tert-butyl-p-cresol	205	6.924	6.924	(1.007)	464558	50.0000	52

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77566.d
Report Date: 21-Jun-2012 05:27

	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	6.969	6.969	(1.013)	90019	50.0000	49
	12 4-Nitrophenol	65	7.066	7.066	(1.027)	185060	50.0000	50
	43 Dibenzofuran	168	7.088	7.088	(1.030)	780883	50.0000	52
	44 2,4-Dinitrotoluene	165	7.096	7.096	(1.031)	209772	50.0000	53
	130 2,3,4,6-Tetrachlorophenol	232	7.220	7.220	(1.050)	159934	50.0000	51
	45 Diethylphthalate	149	7.337	7.337	(1.067)	664041	50.0000	50
	47 Fluorene	166	7.424	7.424	(1.079)	631802	50.0000	54
	46 4-Chlorophenyl-phenylether	204	7.431	7.431	(1.080)	328853	50.0000	54
	48 4-Nitroaniline	138	7.475	7.475	(1.087)	122573	50.0000	49
	13 4,6-Dinitro-2-methylphenol	198	7.505	7.505	(0.899)	118278	50.0000	51
	49 N-Nitrosodiphenylamine	169	7.556	7.556	(0.905)	380753	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.586	7.586	(0.909)	1049285	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.666	7.666	(1.114)	125609	50.0000	53
	50 4-Bromophenyl-phenylether	248	7.909	7.909	(0.948)	170431	50.0000	50
	51 Hexachlorobenzene	284	7.968	7.968	(0.955)	212339	50.0000	50
	112 Atrazine	200	8.101	8.101	(0.971)	158097	50.0000	50
	14 Pentachlorophenol	266	8.175	8.175	(0.980)	135031	50.0000	51
	132 Pentachloronitrobenzene	237	8.189	8.189	(0.981)	101099	50.0000	50
	115 n-Octadecane	57	8.271	8.271	(0.991)	554496	50.0000	50
*	83 Phenanthrene-d10	188	8.345	8.345	(1.000)	589649	40.0000	
	52 Phenanthrene	178	8.367	8.367	(1.003)	827990	50.0000	50
	53 Anthracene	178	8.419	8.419	(1.009)	816673	50.0000	49
	54 Carbazole	167	8.581	8.581	(1.028)	660753	50.0000	47
	55 Di-n-butylphthalate	149	8.935	8.935	(1.071)	1013632	50.0000	48
	56 Fluoranthene	202	9.530	9.530	(1.142)	792280	50.0000	47
	58 Benzidine	184	9.668	9.668	(1.159)	110735	50.0000	32
	57 Pyrene	202	9.750	9.750	(0.886)	803008	50.0000	50
$	78 Terphenyl-d14	244	9.911	9.911	(0.901)	544297	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.494	10.494	(0.954)	643	0.50000	0.50
	59 Butylbenzylphthalate	149	10.406	10.406	(0.946)	389911	50.0000	49
	124 Carbamazepine	193	10.516	10.516	(0.956)	237791	50.0000	49
	60 3,3'-Dichlorobenzidine	252	10.973	10.973	(0.997)	170403	50.0000	46
	61 Benzo(a)anthracene	228	10.988	10.988	(0.999)	566196	50.0000	45
*	81 Chrysene-d12	240	11.002	11.002	(1.000)	429622	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.054	11.054	(1.005)	479506	50.0000	47
	62 Chrysene	228	11.032	11.032	(1.003)	538816	50.0000	49
	64 Di-n-octylphthalate	149	11.840	11.840	(0.926)	750417	50.0000	53
	65 Benzo(b)fluoranthene	252	12.295	12.295	(0.962)	476905	50.0000	49
	66 Benzo(k)fluoranthene	252	12.333	12.333	(0.965)	447930	50.0000	50
	67 Benzo(a)pyrene	252	12.718	12.718	(0.995)	357553	50.0000	52
*	84 Perylene-d12	264	12.784	12.784	(1.000)	259580	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.186	14.186	(1.110)	335913	50.0000	46(M)
	69 Dibenz(a,h)anthracene	278	14.215	14.215	(1.112)	308214	50.0000	49
	70 Benzo(g,h,i)perylene	276	14.540	14.540	(1.137)	315532	50.0000	50

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77566.d
Report Date: 21-Jun-2012 05:27

QC Flag Legend

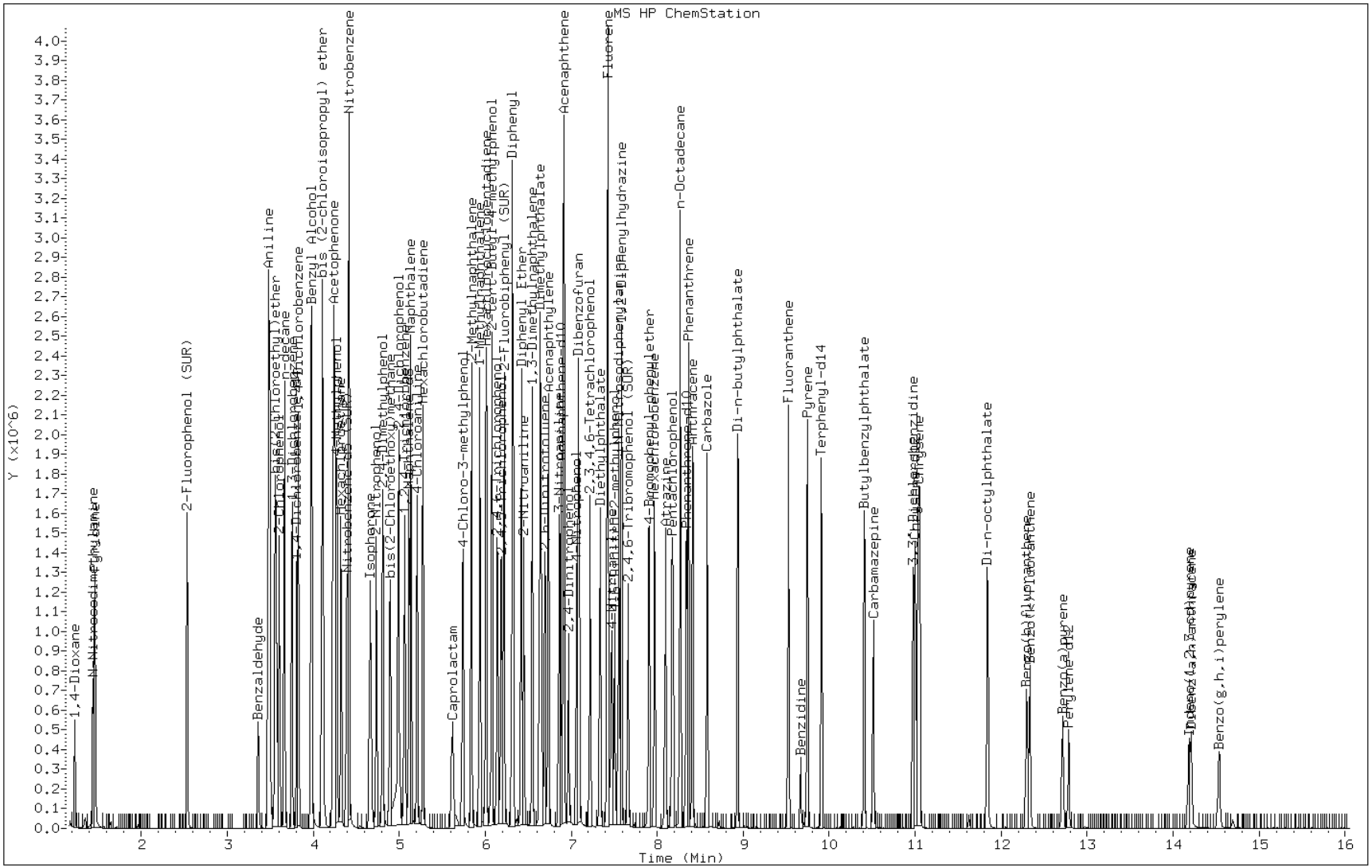
M - Compound response manually integrated.

Data File: u77566.d

Date: 20-JUN-2012 15:47

Client ID: Instrument: BNAMS4.i

Sample Info: ICIS-1519304 Operator: BNAMS 4



Manual Integration Report

Data File: u77566.d
Inj. Date and Time: 20-JUN-2012 15:47
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/21/2012

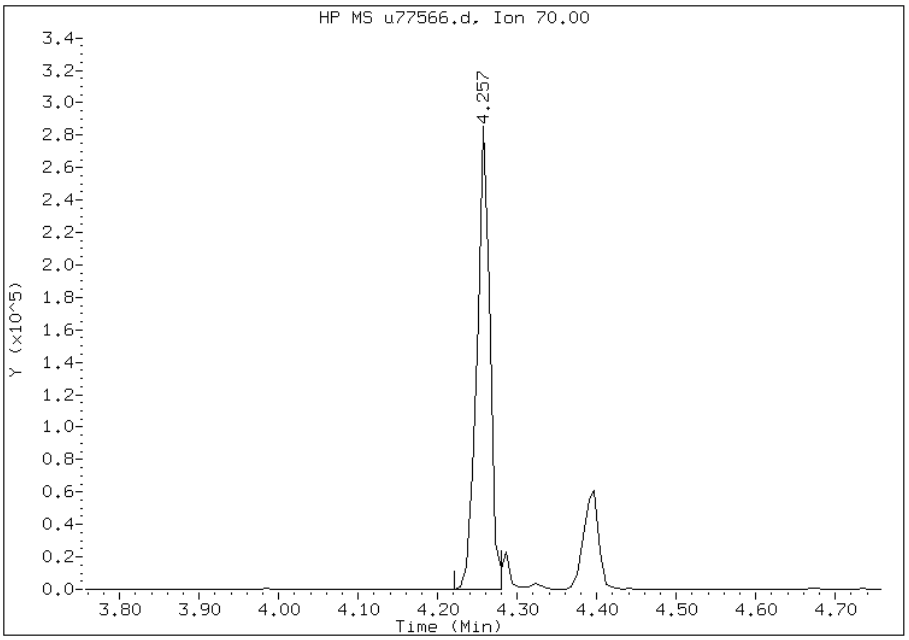
Processing Integration Results

RT: 4.26

Response: 337328

Amount: 50

Conc: 50



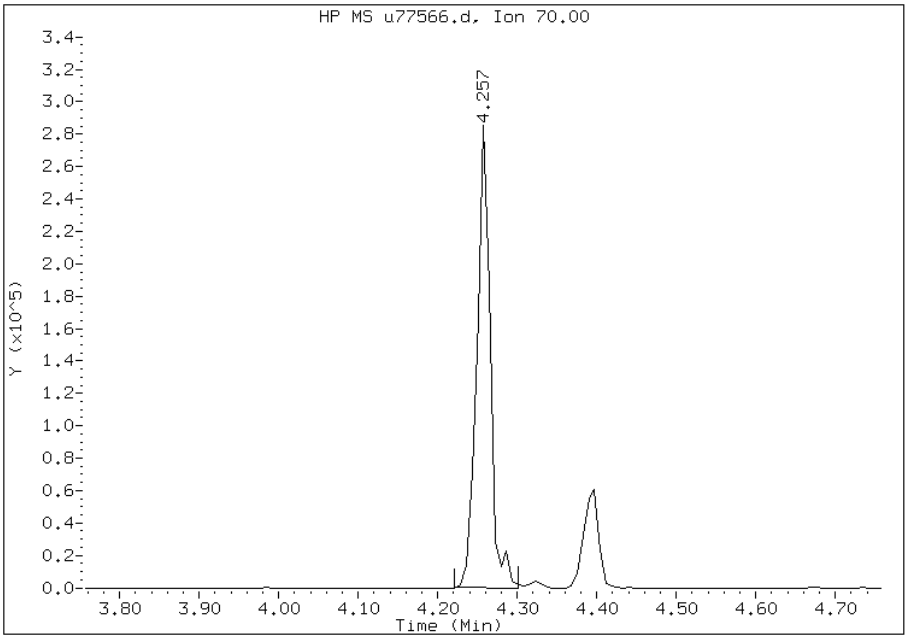
Manual Integration Results

RT: 4.26

Response: 351580

Amount: 54

Conc: 54



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77566.d
Inj. Date and Time: 20-JUN-2012 15:47
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

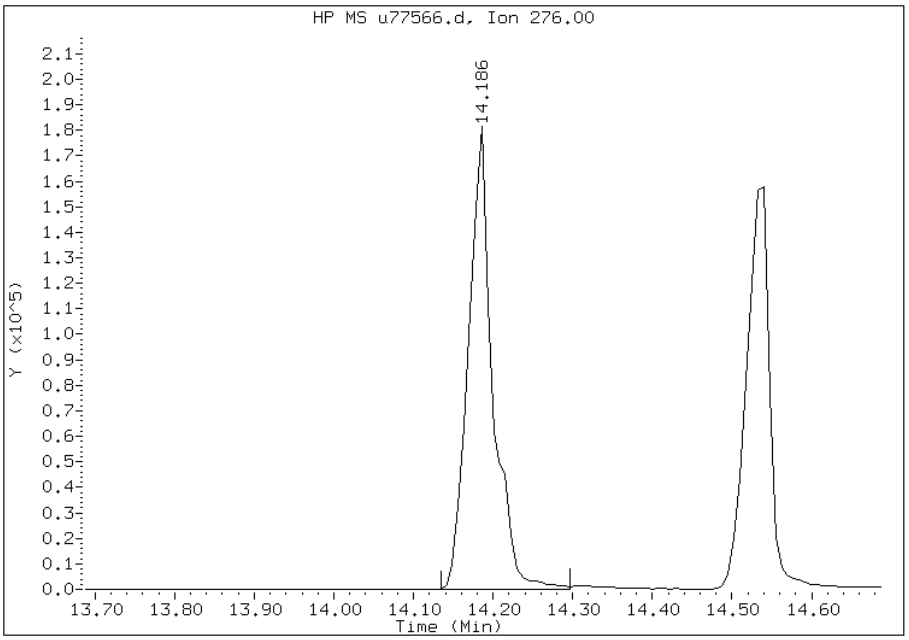
Processing Integration Results

RT: 14.19

Response: 385678

Amount: 50

Conc: 50



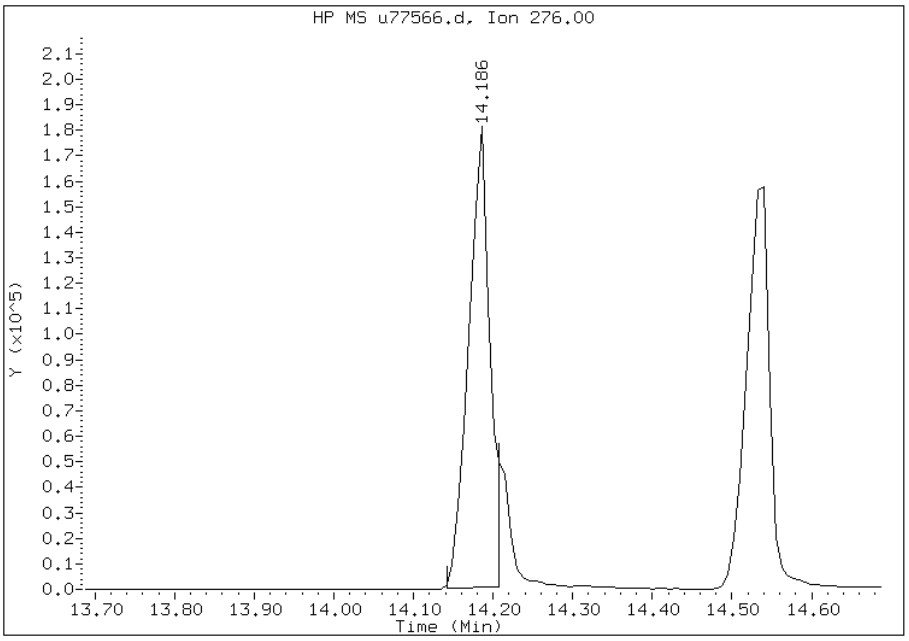
Manual Integration Results

RT: 14.19

Response: 335913

Amount: 46

Conc: 46



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77567.d
Report Date: 21-Jun-2012 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77567.d
Lab Smp Id: IC-1519307
Inj Date : 20-JUN-2012 16:22
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1519307
Misc Info : 120
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 01:37 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 16:22 Cal File: u77567.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	1.277	1.277	(0.334)	223517	120.000	120(A)
	19 N-Nitrosodimethylamine	74	1.535	1.535	(0.401)	442428	120.000	120(AM)
	71 Pyridine	79	1.557	1.557	(0.407)	683563	120.000	120(AM)
$	16 2-Fluorophenol (SUR)	112	2.585	2.585	(0.676)	614836	120.000	120(A)
	110 Benzaldehyde	77	3.380	3.380	(0.884)	40520	120.000	20
	73 Aniline	93	3.497	3.497	(0.914)	919911	120.000	110(A)
$	17 Phenol-d5 (SUR)	99	3.504	3.504	(0.916)	901859	120.000	120(A)
	1 Phenol	94	3.519	3.519	(0.920)	956669	120.000	120(A)
	20 bis(2-Chloroethyl)ether	93	3.586	3.586	(0.938)	867454	120.000	130(A)
	2 2-Chlorophenol	128	3.631	3.631	(0.949)	558107	120.000	120(A)
	113 n-decane	43	3.676	3.676	(0.961)	925618	120.000	120(A)
	21 1,3-Dichlorobenzene	146	3.765	3.765	(0.984)	687509	120.000	130(A)
*	79 1,4-Dichlorobenzene-d4	152	3.825	3.825	(1.000)	138966	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77567.d
Report Date: 21-Jun-2012 01:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.840	3.840	(1.004)	726423	120.000	120(A)
	74 Benzyl Alcohol	108	3.994	3.994	(1.044)	444480	120.000	120(A)
	23 1,2-Dichlorobenzene	146	3.994	3.994	(1.044)	688731	120.000	130(A)
	24 bis (2-chloroisopropyl) ether	45	4.121	4.121	(1.077)	1336359	120.000	120(A)
	3 2-Methylphenol	108	4.121	4.121	(1.077)	575899	120.000	120
	104 Acetophenone	105	4.261	4.261	(1.114)	1007221	120.000	120(A)
	25 N-Nitroso-di-n-propylamine	70	4.276	4.276	(1.118)	635594	120.000	120(M)
	4 4-Methylphenol	108	4.306	4.306	(1.126)	585755	120.000	120
	123 3 & 4 Methylphenol	108	4.306	4.306	(1.126)	585755	120.000	120
	26 Hexachloroethane	117	4.329	4.329	(1.132)	367510	120.000	120(A)
$	76 Nitrobenzene-d5 (SUR)	82	4.416	4.416	(0.861)	926013	120.000	120(A)
	27 Nitrobenzene	77	4.438	4.438	(0.865)	1179125	120.000	120(A)
	107 N,N-Dimethylaniline	120	4.438	4.438	(1.160)	907116	120.000	130(A)
	28 Isophorone	82	4.682	4.682	(0.913)	1560519	120.000	120(A)
	5 2-Nitrophenol	139	4.749	4.749	(0.926)	313160	120.000	120(A)
	6 2,4-Dimethylphenol	122	4.830	4.830	(0.942)	473536	120.000	120(A)
	29 bis(2-Chloroethoxy)methane	93	4.912	4.912	(0.958)	825886	120.000	120(A)
	7 2,4-Dichlorophenol	162	5.009	5.009	(0.977)	523143	120.000	120(A)
	15 Benzoic Acid	122	5.069	5.069	(0.989)	300470	120.000	120(AM)
	30 1,2,4-Trichlorobenzene	180	5.076	5.076	(0.990)	597537	120.000	130(A)
*	80 Naphthalene-d8	136	5.127	5.127	(1.000)	472319	40.0000	
	31 Naphthalene	128	5.148	5.148	(1.004)	1619787	120.000	130(A)
	32 4-Chloroaniline	127	5.222	5.222	(1.018)	628812	120.000	130(A)
	33 Hexachlorobutadiene	225	5.280	5.280	(1.030)	394470	120.000	120(A)
	111 Caprolactam	113	5.692	5.692	(1.110)	163342	120.000	120(A)
	8 4-Chloro-3-methylphenol	107	5.758	5.758	(1.123)	578791	120.000	120
	34 2-Methylnaphthalene	142	5.846	5.846	(1.140)	1069567	120.000	130(A)
	120 1-Methylnaphthalene	142	5.951	5.951	(1.161)	1116050	120.000	130(A)
	35 Hexachlorocyclopentadiene	237	6.010	6.010	(0.873)	393371	120.000	120(A)
	129 1,2,4,5-Tetrachlorobenzene	216	6.025	6.025	(0.875)	581665	120.000	120
	121 2-tert-Butyl-4-methylphenol	149	6.093	6.093	(1.188)	820252	120.000	120(A)
	9 2,4,6-Trichlorophenol	196	6.153	6.153	(0.893)	397608	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.205	6.205	(0.901)	433531	120.000	130(A)
$	77 2-Fluorobiphenyl (SUR)	172	6.227	6.227	(0.904)	1310595	120.000	120(A)
	102 Diphenyl	154	6.331	6.331	(0.919)	1427895	120.000	130(A)
	36 2-Chloronaphthalene	162	6.339	6.339	(0.920)	1146147	120.000	120(A)
	103 Diphenyl Ether	170	6.428	6.428	(0.933)	824434	120.000	130(A)
	37 2-Nitroaniline	65	6.464	6.464	(0.939)	529240	120.000	120(A)
	125 1,3-Dimethylnaphthalene	156	6.561	6.561	(0.953)	841674	120.000	120
	38 Dimethylphthalate	163	6.657	6.657	(0.967)	1274995	120.000	120(A)
	114 Coumarin	146	6.672	6.672	(1.301)	401214	120.000	120(A)
	40 2,6-Dinitrotoluene	165	6.717	6.717	(0.975)	308920	120.000	120(A)
	39 Acenaphthylene	152	6.753	6.753	(0.980)	1727088	120.000	130(A)
	41 3-Nitroaniline	138	6.879	6.879	(0.999)	277689	120.000	120(A)
*	82 Acenaphthene-d10	164	6.887	6.887	(1.000)	303775	40.0000	
	42 Acenaphthene	154	6.924	6.924	(1.005)	999959	120.000	120(A)
	122 2,6-Di-tert-butyl-p-cresol	205	6.932	6.932	(1.006)	869005	120.000	120

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77567.d
Report Date: 21-Jun-2012 01:37

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.990	6.990	(1.015)	196566	120.000	120(A)
	12 4-Nitrophenol	65	7.086	7.086	(1.029)	371495	120.000	120(A)
	43 Dibenzofuran	168	7.093	7.093	(1.030)	1618729	120.000	120(A)
	44 2,4-Dinitrotoluene	165	7.115	7.115	(1.033)	402185	120.000	120
	130 2,3,4,6-Tetrachlorophenol	232	7.234	7.234	(1.050)	326700	120.000	120(A)
	45 Diethylphthalate	149	7.360	7.360	(1.069)	1342774	120.000	120(A)
	47 Fluorene	166	7.435	7.435	(1.080)	1197881	120.000	120
	46 4-Chlorophenyl-phenylether	204	7.435	7.435	(1.080)	614621	120.000	120
	48 4-Nitroaniline	138	7.508	7.508	(1.090)	236977	120.000	120(A)
	13 4,6-Dinitro-2-methylphenol	198	7.528	7.528	(0.901)	234735	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	7.573	7.573	(0.907)	790817	120.000	130(A)
	75 1,2-Diphenylhydrazine	77	7.603	7.603	(0.910)	2210487	120.000	130(A)
$	18 2,4,6-Tribromophenol (SUR)	330	7.677	7.677	(1.115)	240591	120.000	120
	50 4-Bromophenyl-phenylether	248	7.918	7.918	(0.948)	356452	120.000	130(A)
	51 Hexachlorobenzene	284	7.986	7.986	(0.956)	442869	120.000	130(A)
	112 Atrazine	200	8.116	8.116	(0.972)	315504	120.000	120(A)
	14 Pentachlorophenol	266	8.182	8.182	(0.980)	289705	120.000	120(A)
	132 Pentachloronitrobenzene	237	8.196	8.196	(0.981)	197844	120.000	120(A)
	115 n-Octadecane	57	8.277	8.277	(0.991)	1013670	120.000	120
*	83 Phenanthrene-d10	188	8.352	8.352	(1.000)	459711	40.0000	
	52 Phenanthrene	178	8.374	8.374	(1.003)	1696672	120.000	120(A)
	53 Anthracene	178	8.427	8.427	(1.009)	1653650	120.000	120(A)
	54 Carbazole	167	8.597	8.597	(1.029)	1465106	120.000	130(A)
	55 Di-n-butylphthalate	149	8.944	8.944	(1.071)	2110865	120.000	130(A)
	56 Fluoranthene	202	9.537	9.537	(1.142)	1711079	120.000	130(A)
	58 Benzidine	184	9.671	9.671	(1.158)	68106	120.000	39
	57 Pyrene	202	9.760	9.760	(0.886)	1678321	120.000	120(A)
$	78 Terphenyl-d14	244	9.921	9.921	(0.901)	1153295	120.000	120(A)
	131 Kepone	272	10.634	10.634	(0.965)	3418	300.000	300(A)
	59 Butylbenzylphthalate	149	10.420	10.420	(0.946)	825178	120.000	120(A)
	124 Carbamazepine	193	10.531	10.531	(0.956)	547678	120.000	130(A)
	60 3,3'-Dichlorobenzidine	252	10.988	10.988	(0.997)	313031	120.000	120
	61 Benzo(a)anthracene	228	11.002	11.002	(0.999)	1288246	120.000	130(A)
*	81 Chrysene-d12	240	11.016	11.016	(1.000)	347378	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.058	11.058	(1.004)	1134502	120.000	130(A)
	62 Chrysene	228	11.051	11.051	(1.003)	1182272	120.000	130(A)
	64 Di-n-octylphthalate	149	11.856	11.856	(0.927)	1671027	120.000	120(A)
	65 Benzo(b)fluoranthene	252	12.320	12.320	(0.963)	1101891	120.000	120(A)
	66 Benzo(k)fluoranthene	252	12.357	12.357	(0.966)	948334	120.000	120
	67 Benzo(a)pyrene	252	12.732	12.732	(0.995)	817734	120.000	120(A)
*	84 Perylene-d12	264	12.792	12.792	(1.000)	234142	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.208	14.208	(1.111)	816493	120.000	120(AM)
	69 Dibenz(a,h)anthracene	278	14.238	14.238	(1.113)	824516	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	14.569	14.569	(1.139)	852478	120.000	130(A)

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77567.d
Report Date: 21-Jun-2012 01:37

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.

Data File: u77567.d

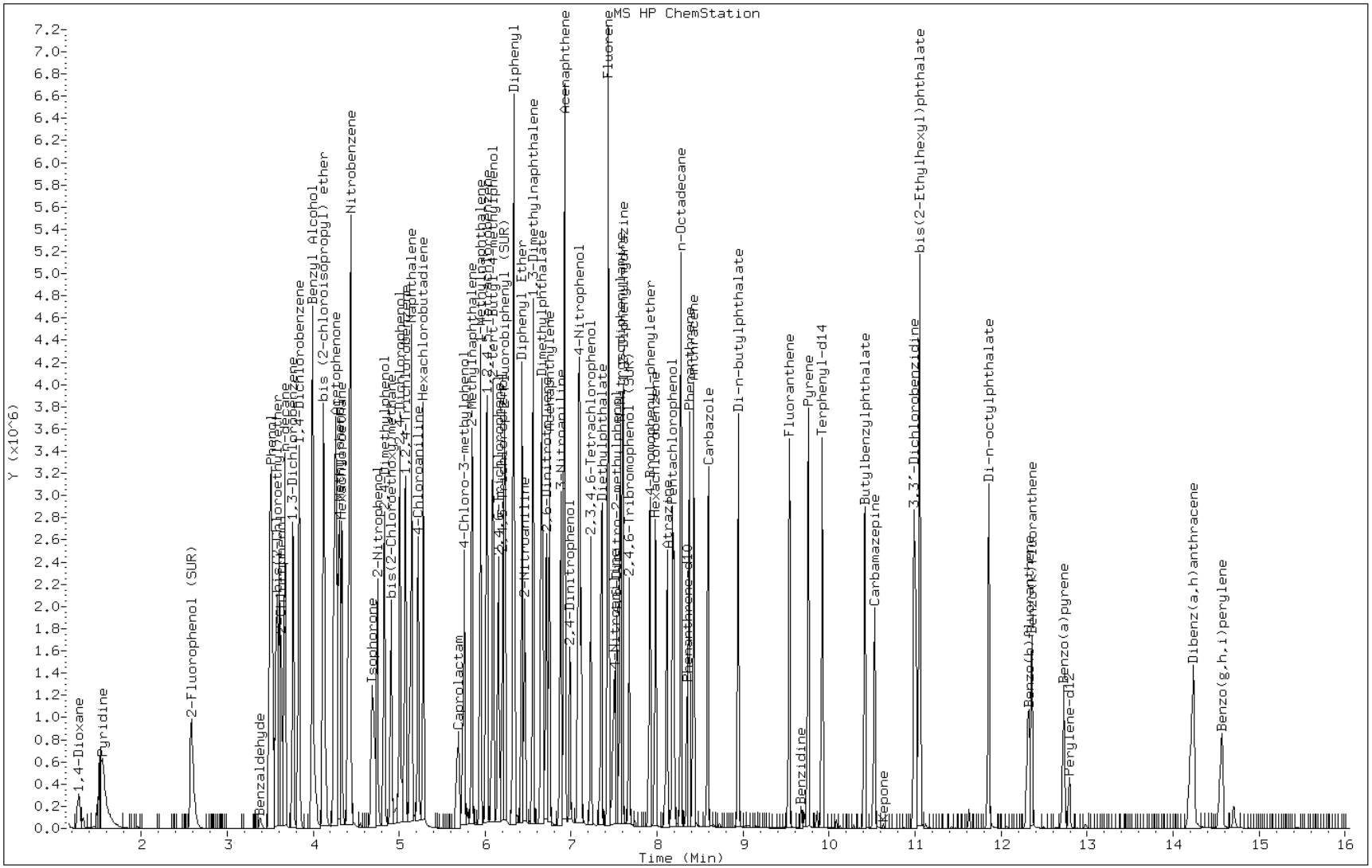
Date: 20-JUN-2012 16:22

Client ID:

Instrument: BNAMS4.i

Sample Info: IC-1519307

Operator: BNAMS 4



Manual Integration Report

Data File: u77567.d
Inj. Date and Time: 20-JUN-2012 16:22
Instrument ID: BNAMS4.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 06/21/2012

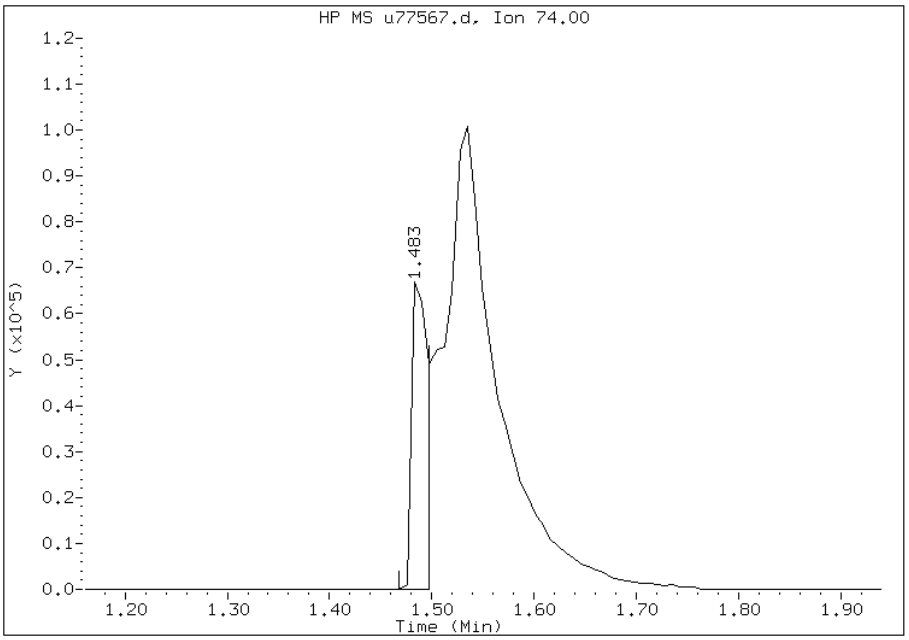
Processing Integration Results

RT: 1.48

Response: 79524

Amount: 37

Conc: 37



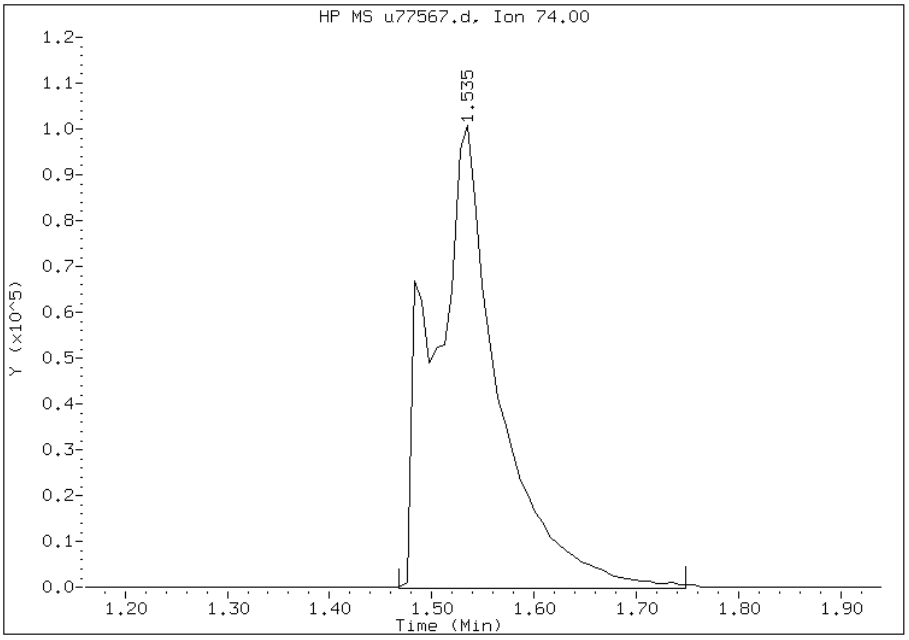
Manual Integration Results

RT: 1.53

Response: 442428

Amount: 121

Conc: 121



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77567.d
Inj. Date and Time: 20-JUN-2012 16:22
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

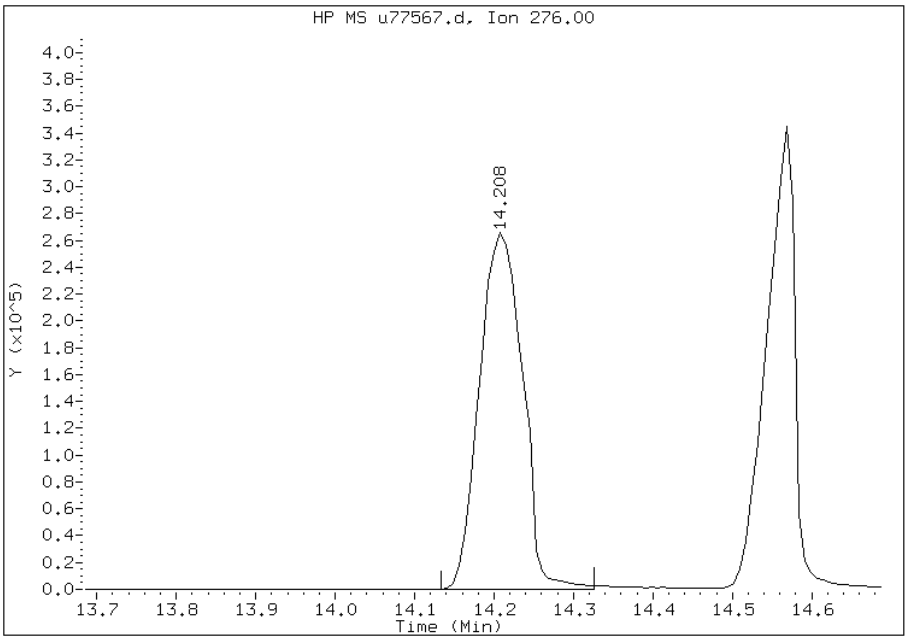
Processing Integration Results

RT: 14.21

Response: 988287

Amount: 138

Conc: 138



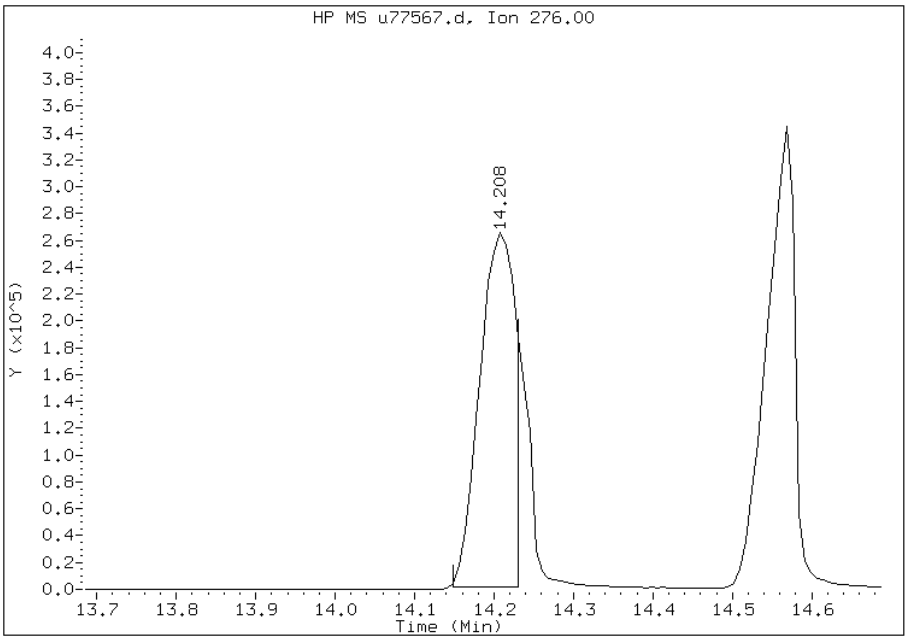
Manual Integration Results

RT: 14.21

Response: 816493

Amount: 122

Conc: 122



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77567.d
Inj. Date and Time: 20-JUN-2012 16:22
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/21/2012

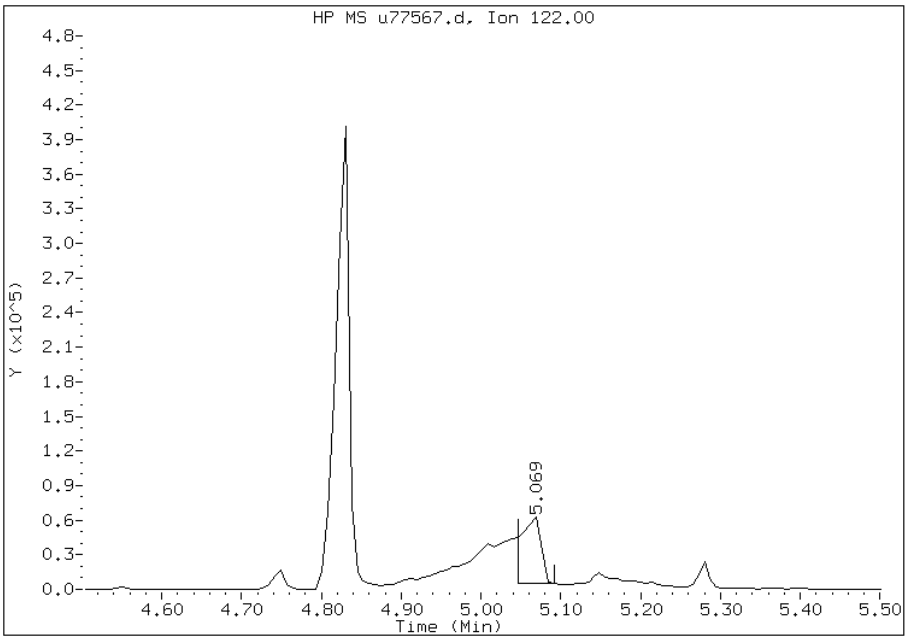
Processing Integration Results

RT: 5.07

Response: 98922

Amount: 66

Conc: 66



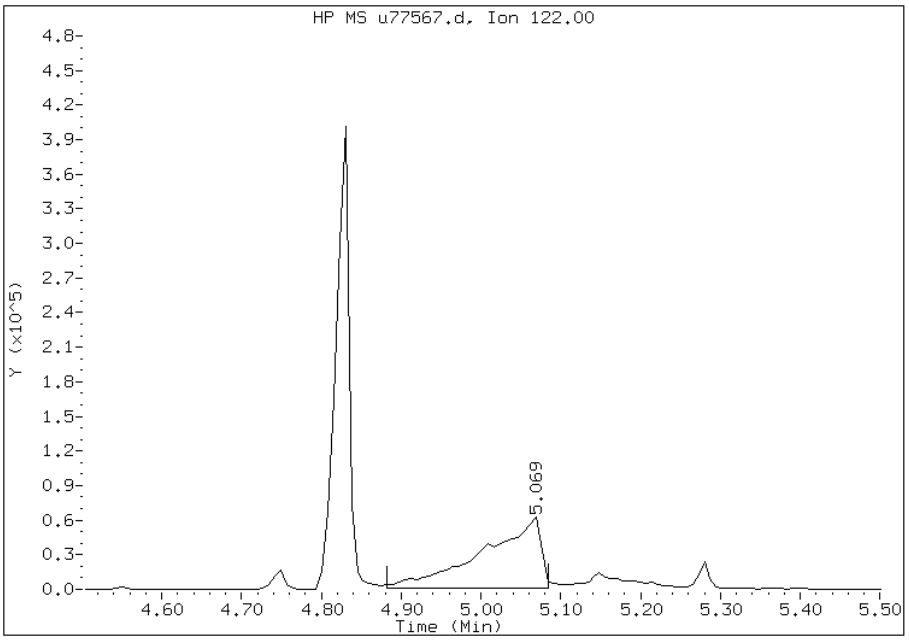
Manual Integration Results

RT: 5.07

Response: 300470

Amount: 122

Conc: 122



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77567.d
Inj. Date and Time: 20-JUN-2012 16:22
Instrument ID: BNAMS4.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 06/21/2012

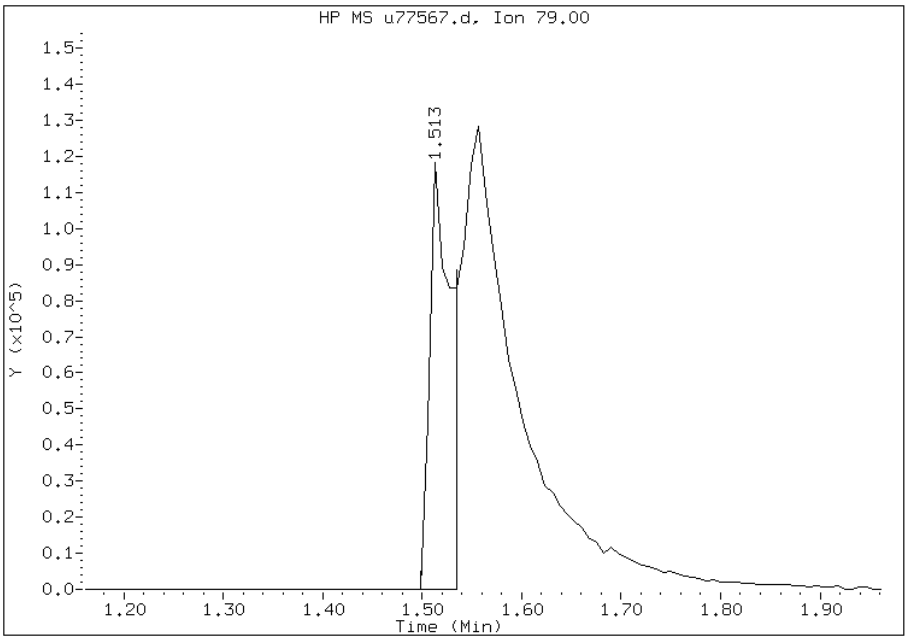
Processing Integration Results

RT: 1.51

Response: 187019

Amount: 52

Conc: 52



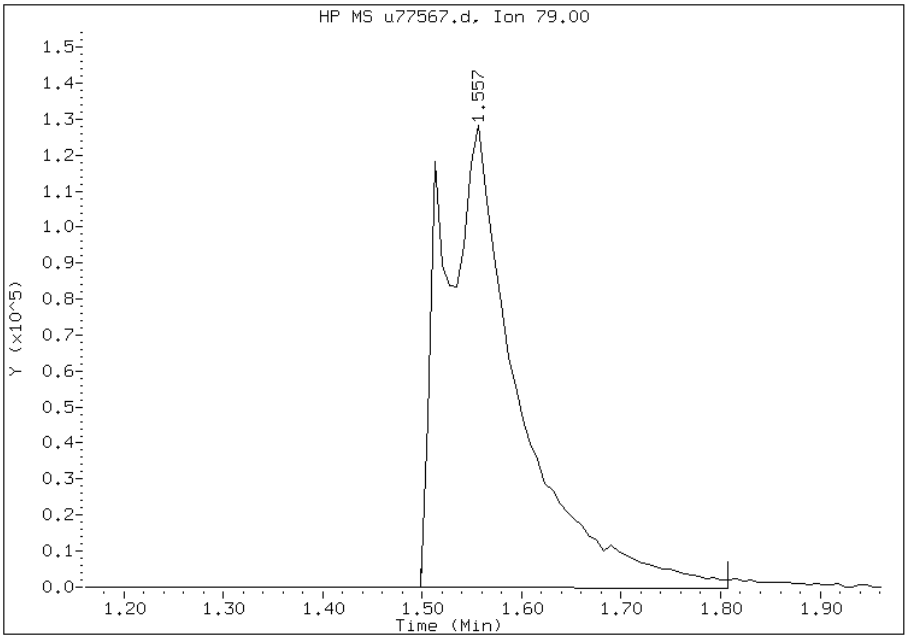
Manual Integration Results

RT: 1.56

Response: 683563

Amount: 121

Conc: 121



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77567.d
Inj. Date and Time: 20-JUN-2012 16:22
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/21/2012

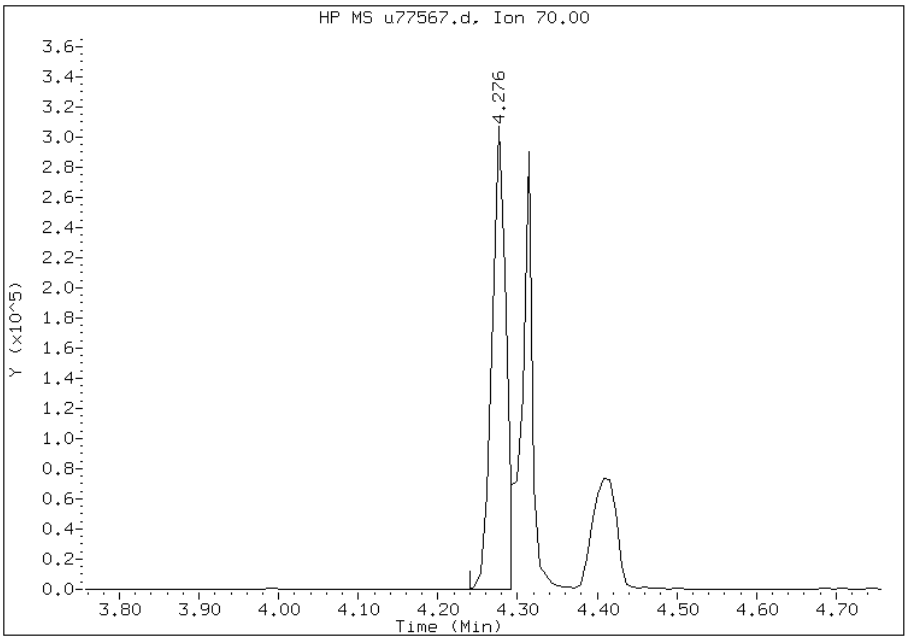
Processing Integration Results

RT: 4.28

Response: 370565

Amount: 88

Conc: 88



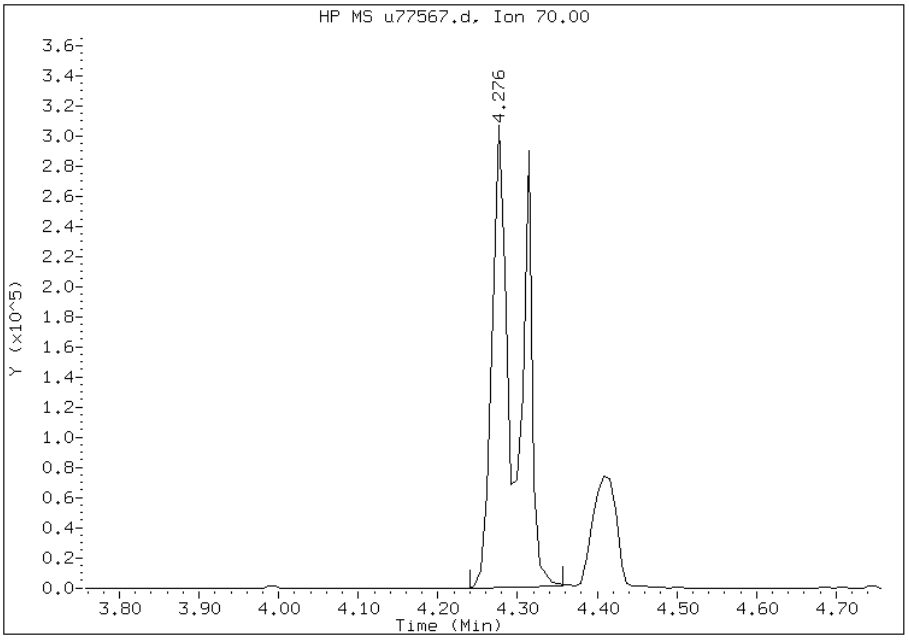
Manual Integration Results

RT: 4.28

Response: 635594

Amount: 117

Conc: 117



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77568.d
Report Date: 21-Jun-2012 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77568.d
Lab Smp Id: IC-1519305
Inj Date : 20-JUN-2012 16:42
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1519305
Misc Info : 80
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 01:37 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 16:42 Cal File: u77568.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	1.249	1.249	(0.328)	147756	80.0000	76
	19 N-Nitrosodimethylamine	74	1.469	1.469	(0.385)	283902	80.0000	74
	71 Pyridine	79	1.484	1.484	(0.389)	476365	80.0000	78(H)
$	16 2-Fluorophenol (SUR)	112	2.548	2.548	(0.668)	412458	80.0000	77
	110 Benzaldehyde	77	3.365	3.365	(0.882)	68223	80.0000	45
	73 Aniline	93	3.490	3.490	(0.915)	697785	80.0000	80
$	17 Phenol-d5 (SUR)	99	3.497	3.497	(0.917)	601724	80.0000	76
	1 Phenol	94	3.512	3.512	(0.921)	633316	80.0000	76
	20 bis(2-Chloroethyl)ether	93	3.572	3.572	(0.936)	473276	80.0000	71
	2 2-Chlorophenol	128	3.615	3.615	(0.948)	386672	80.0000	78
	113 n-decane	43	3.675	3.675	(0.963)	596711	80.0000	75
	21 1,3-Dichlorobenzene	146	3.763	3.763	(0.987)	452586	80.0000	78
*	79 1,4-Dichlorobenzene-d4	152	3.814	3.814	(1.000)	150578	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77568.d
Report Date: 21-Jun-2012 01:37

	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	3.837	3.837	(1.006)	460072	80.0000	75
	74 Benzyl Alcohol	108	3.985	3.985	(1.045)	299246	80.0000	78
	23 1,2-Dichlorobenzene	146	3.992	3.992	(1.047)	438212	80.0000	76
	24 bis (2-chloroisopropyl) ether	45	4.111	4.111	(1.078)	882799	80.0000	76
	3 2-Methylphenol	108	4.119	4.119	(1.080)	414825	80.0000	79
	104 Acetophenone	105	4.250	4.250	(1.114)	694325	80.0000	79
	25 N-Nitroso-di-n-propylamine	70	4.264	4.264	(1.118)	442903	80.0000	76(M)
	4 4-Methylphenol	108	4.287	4.287	(1.124)	424138	80.0000	80
	123 3 & 4 Methylphenol	108	4.287	4.287	(1.124)	424138	80.0000	80
	26 Hexachloroethane	117	4.331	4.331	(1.135)	238747	80.0000	76
$	76 Nitrobenzene-d5 (SUR)	82	4.405	4.405	(0.860)	632548	80.0000	80
	27 Nitrobenzene	77	4.427	4.427	(0.865)	799814	80.0000	79
	107 N,N-Dimethylaniline	120	4.427	4.427	(1.161)	584341	80.0000	77
	28 Isophorone	82	4.678	4.678	(0.914)	1051981	80.0000	79
	5 2-Nitrophenol	139	4.743	4.743	(0.926)	227421	80.0000	83
	6 2,4-Dimethylphenol	122	4.817	4.817	(0.941)	316181	80.0000	78
	29 bis(2-Chloroethoxy)methane	93	4.898	4.898	(0.957)	540506	80.0000	78
	7 2,4-Dichlorophenol	162	5.000	5.000	(0.977)	369147	80.0000	82
	15 Benzoic Acid	122	5.038	5.038	(0.984)	189995	80.0000	79(M)
	30 1,2,4-Trichlorobenzene	180	5.068	5.068	(0.990)	400934	80.0000	80
*	80 Naphthalene-d8	136	5.120	5.120	(1.000)	502157	40.0000	
	31 Naphthalene	128	5.141	5.141	(1.004)	1071012	80.0000	80
	32 4-Chloroaniline	127	5.215	5.215	(1.019)	414607	80.0000	79
	33 Hexachlorobutadiene	225	5.275	5.275	(1.030)	249459	80.0000	76
	111 Caprolactam	113	5.653	5.653	(1.104)	106703	80.0000	78(H)
	8 4-Chloro-3-methylphenol	107	5.749	5.749	(1.123)	426052	80.0000	81
	34 2-Methylnaphthalene	142	5.846	5.846	(1.142)	705418	80.0000	80
	120 1-Methylnaphthalene	142	5.943	5.943	(1.161)	689629	80.0000	76
	35 Hexachlorocyclopentadiene	237	6.008	6.008	(0.873)	255125	80.0000	77
	129 1,2,4,5-Tetrachlorobenzene	216	6.023	6.023	(0.875)	428671	80.0000	81
	121 2-tert-Butyl-4-methylphenol	149	6.083	6.083	(1.188)	537705	80.0000	78
	9 2,4,6-Trichlorophenol	196	6.149	6.149	(0.894)	274563	80.0000	80
	10 2,4,5-Trichlorophenol	196	6.192	6.192	(0.900)	293169	80.0000	81
$	77 2-Fluorobiphenyl (SUR)	172	6.222	6.222	(0.904)	812712	80.0000	77
	102 Diphenyl	154	6.319	6.319	(0.918)	871767	80.0000	76
	36 2-Chloronaphthalene	162	6.334	6.334	(0.920)	758193	80.0000	80
	103 Diphenyl Ether	170	6.422	6.422	(0.933)	495432	80.0000	77
	37 2-Nitroaniline	65	6.452	6.452	(0.938)	359711	80.0000	80
	125 1,3-Dimethylnaphthalene	156	6.555	6.555	(0.953)	563884	80.0000	78
	38 Dimethylphthalate	163	6.650	6.650	(0.966)	873270	80.0000	80
	114 Coumarin	146	6.657	6.657	(1.300)	262454	80.0000	78
	40 2,6-Dinitrotoluene	165	6.702	6.702	(0.974)	205757	80.0000	79
	39 Acenaphthylene	152	6.740	6.740	(0.980)	1113042	80.0000	79
	41 3-Nitroaniline	138	6.865	6.865	(0.998)	195298	80.0000	81
*	82 Acenaphthene-d10	164	6.880	6.880	(1.000)	314925	40.0000	
	42 Acenaphthene	154	6.918	6.918	(1.005)	680552	80.0000	79
	122 2,6-Di-tert-butyl-p-cresol	205	6.925	6.925	(1.006)	616749	80.0000	81

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77568.d
Report Date: 21-Jun-2012 01:37

	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	6.976	6.976	(1.014)	138065	80.0000	84
	12 4-Nitrophenol	65	7.073	7.073	(1.028)	258517	80.0000	82
	43 Dibenzofuran	168	7.088	7.088	(1.030)	1027364	80.0000	77
	44 2,4-Dinitrotoluene	165	7.103	7.103	(1.032)	277980	80.0000	80
	130 2,3,4,6-Tetrachlorophenol	232	7.221	7.221	(1.050)	233350	80.0000	83
	45 Diethylphthalate	149	7.348	7.348	(1.068)	892442	80.0000	79
	47 Fluorene	166	7.429	7.429	(1.080)	833465	80.0000	80
	46 4-Chlorophenyl-phenylether	204	7.429	7.429	(1.080)	416725	80.0000	78
	48 4-Nitroaniline	138	7.487	7.487	(1.088)	172482	80.0000	83
	13 4,6-Dinitro-2-methylphenol	198	7.517	7.517	(0.901)	177764	80.0000	83
	49 N-Nitrosodiphenylamine	169	7.560	7.560	(0.906)	555572	80.0000	80
	75 1,2-Diphenylhydrazine	77	7.590	7.590	(0.910)	1387563	80.0000	74
$	18 2,4,6-Tribromophenol (SUR)	330	7.665	7.665	(1.114)	168088	80.0000	80
	50 4-Bromophenyl-phenylether	248	7.913	7.913	(0.949)	235538	80.0000	77
	51 Hexachlorobenzene	284	7.972	7.972	(0.956)	299700	80.0000	78
	112 Atrazine	200	8.106	8.106	(0.972)	210575	80.0000	76
	14 Pentachlorophenol	266	8.172	8.172	(0.980)	196862	80.0000	80
	132 Pentachloronitrobenzene	237	8.186	8.186	(0.981)	143731	80.0000	80
	115 n-Octadecane	57	8.275	8.275	(0.992)	753812	80.0000	80
*	83 Phenanthrene-d10	188	8.342	8.342	(1.000)	509262	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.004)	1155481	80.0000	78
	53 Anthracene	178	8.423	8.423	(1.010)	1147203	80.0000	79
	54 Carbazole	167	8.584	8.584	(1.029)	990724	80.0000	80
	55 Di-n-butylphthalate	149	8.938	8.938	(1.071)	1563985	80.0000	83
	56 Fluoranthene	202	9.531	9.531	(1.142)	1157937	80.0000	79
	58 Benzidine	184	9.672	9.672	(1.159)	92348	80.0000	60
	57 Pyrene	202	9.753	9.753	(0.886)	1145330	80.0000	78
$	78 Terphenyl-d14	244	9.914	9.914	(0.901)	784669	80.0000	78
	59 Butylbenzylphthalate	149	10.413	10.413	(0.946)	555724	80.0000	78
	124 Carbamazepine	193	10.523	10.523	(0.956)	368626	80.0000	80
	60 3,3'-Dichlorobenzidine	252	10.976	10.976	(0.997)	241091	80.0000	81
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	866751	80.0000	80
*	81 Chrysene-d12	240	11.003	11.003	(1.000)	381721	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.055	11.055	(1.005)	737682	80.0000	79
	62 Chrysene	228	11.040	11.040	(1.003)	772539	80.0000	77
	64 Di-n-octylphthalate	149	11.845	11.845	(0.927)	1051236	80.0000	78
	65 Benzo(b)fluoranthene	252	12.303	12.303	(0.962)	643765	80.0000	73
	66 Benzo(k)fluoranthene	252	12.340	12.340	(0.965)	642293	80.0000	80
	67 Benzo(a)pyrene	252	12.717	12.717	(0.995)	522179	80.0000	79
*	84 Perylene-d12	264	12.784	12.784	(1.000)	233520	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.191	14.191	(1.110)	486650	80.0000	74(M)
	69 Dibenz(a,h)anthracene	278	14.222	14.222	(1.112)	503815	80.0000	82
	70 Benzo(g,h,i)perylene	276	14.549	14.549	(1.138)	496332	80.0000	78

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77568.d
Report Date: 21-Jun-2012 01:37

QC Flag Legend

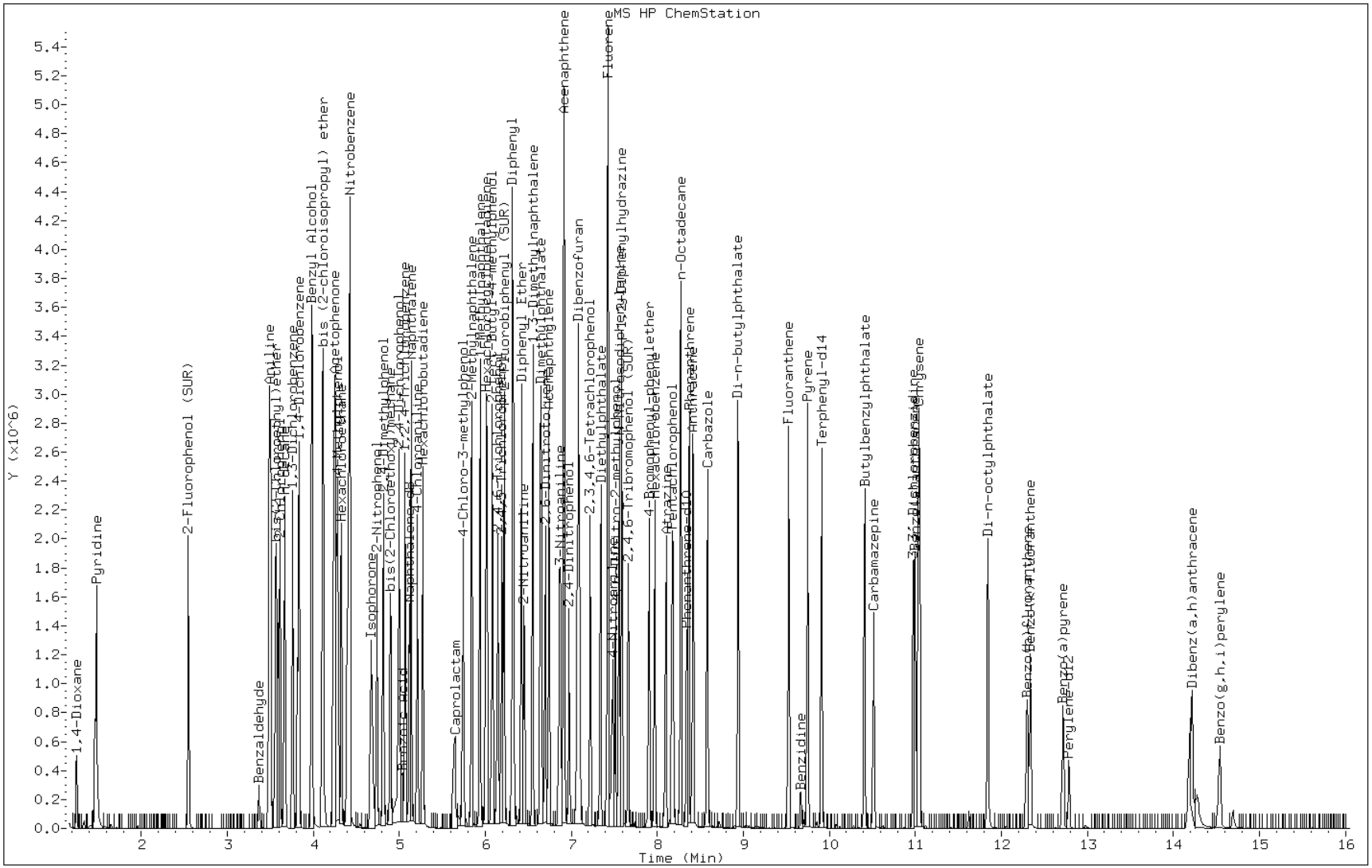
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77568.d

Date: 20-JUN-2012 16:42

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1519305 Operator: BNAMS 4



Manual Integration Report

Data File: u77568.d
Inj. Date and Time: 20-JUN-2012 16:42
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/21/2012

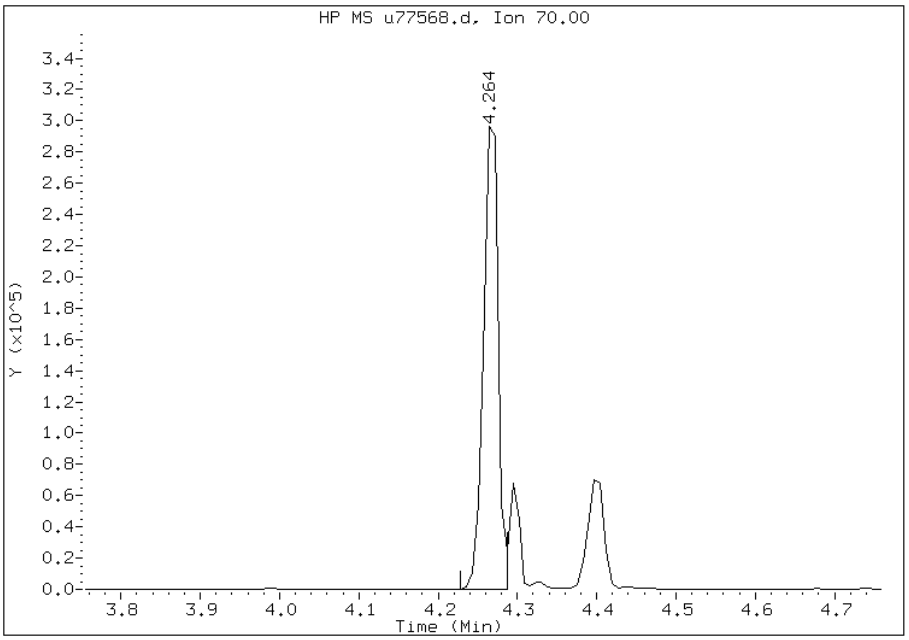
Processing Integration Results

RT: 4.26

Response: 391686

Amount: 84

Conc: 84



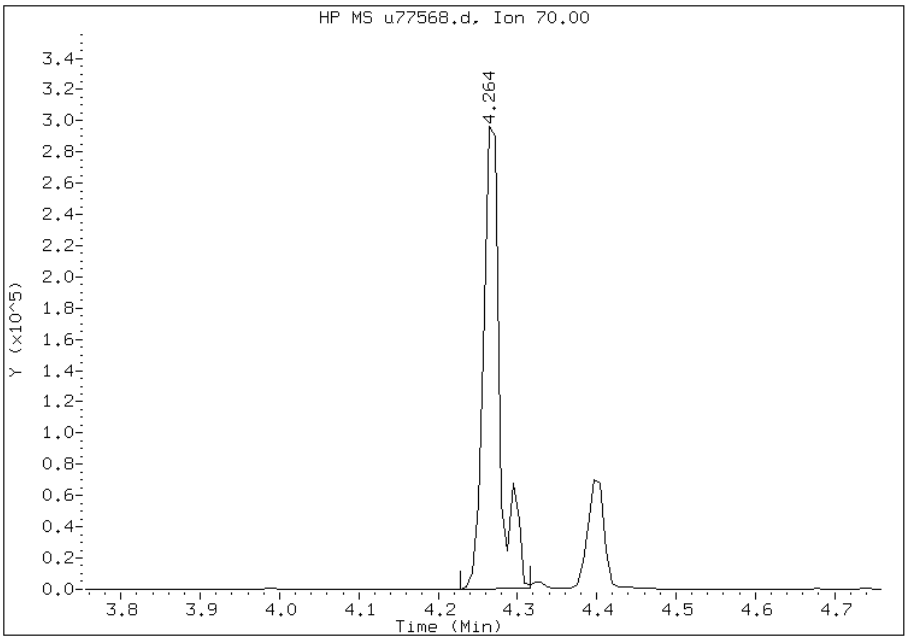
Manual Integration Results

RT: 4.26

Response: 442903

Amount: 77

Conc: 77



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77568.d
Inj. Date and Time: 20-JUN-2012 16:42
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

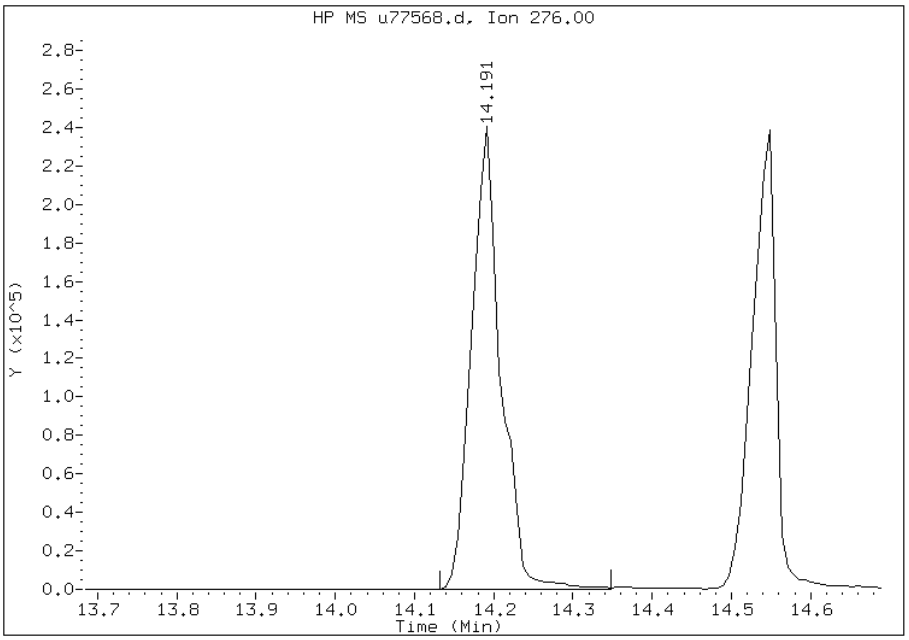
Processing Integration Results

RT: 14.19

Response: 614485

Amount: 90

Conc: 90



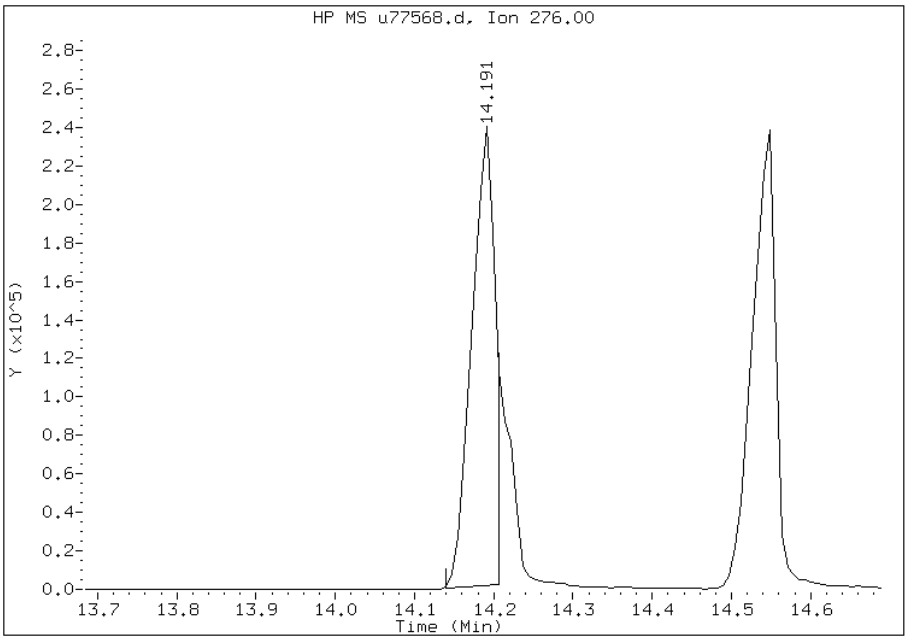
Manual Integration Results

RT: 14.19

Response: 486650

Amount: 75

Conc: 75



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77568.d
Inj. Date and Time: 20-JUN-2012 16:42
Instrument ID: BNAMS4.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 06/21/2012

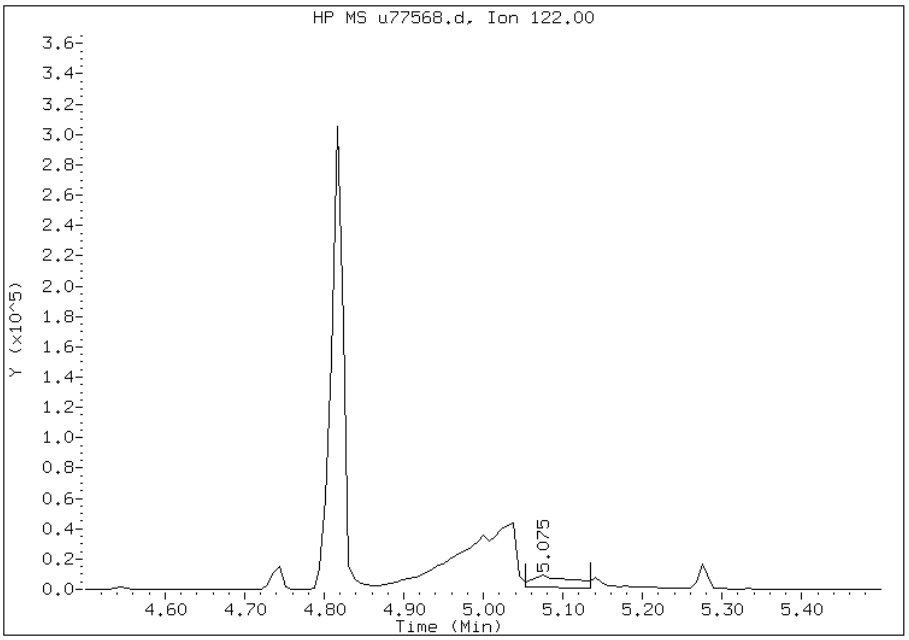
Processing Integration Results

RT: 5.08

Response: 29458

Amount: 17

Conc: 17



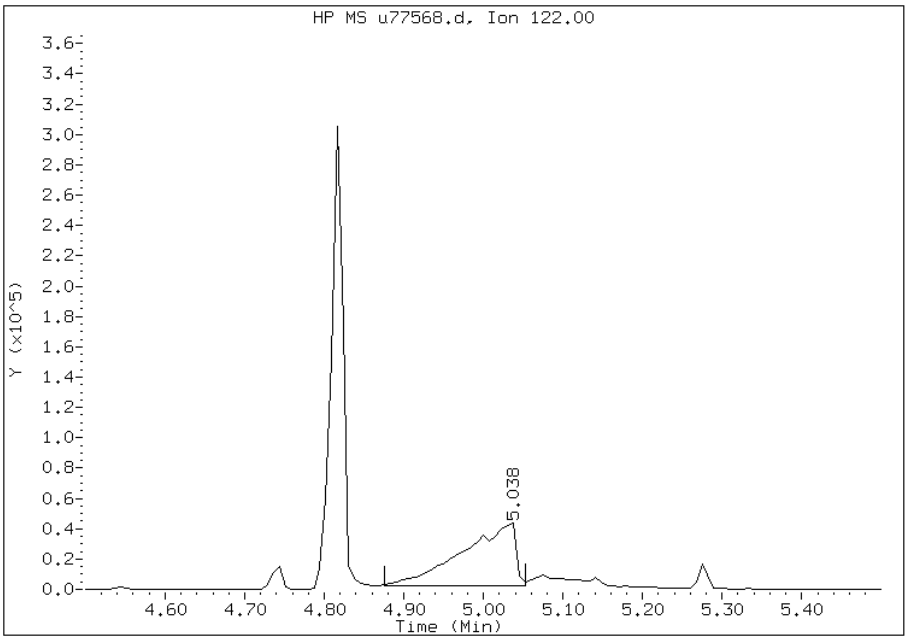
Manual Integration Results

RT: 5.04

Response: 189995

Amount: 79

Conc: 79



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77569.d
Report Date: 21-Jun-2012 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77569.d
Lab Smp Id: IC-1519303
Inj Date : 20-JUN-2012 17:03
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1519303
Misc Info : 20
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 01:37 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:03 Cal File: u77569.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	1.227	1.227	(0.322)	46713	20.0000	19
	19 N-Nitrosodimethylamine	74	1.433	1.433	(0.376)	89252	20.0000	18
	71 Pyridine	79	1.462	1.462	(0.383)	135068	20.0000	18
$	16 2-Fluorophenol (SUR)	112	2.534	2.534	(0.665)	119787	20.0000	18
	110 Benzaldehyde	77	3.355	3.355	(0.880)	77007	20.0000	29
	73 Aniline	93	3.473	3.473	(0.911)	218466	20.0000	19
$	17 Phenol-d5 (SUR)	99	3.467	3.467	(0.909)	183023	20.0000	18
	1 Phenol	94	3.481	3.481	(0.913)	191261	20.0000	18
	20 bis(2-Chloroethyl)ether	93	3.548	3.548	(0.930)	137253	20.0000	16
	2 2-Chlorophenol	128	3.600	3.600	(0.944)	113624	20.0000	18
	113 n-decane	43	3.667	3.667	(0.962)	199887	20.0000	19
	21 1,3-Dichlorobenzene	146	3.755	3.755	(0.985)	129198	20.0000	18
*	79 1,4-Dichlorobenzene-d4	152	3.813	3.813	(1.000)	198664	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77569.d
Report Date: 21-Jun-2012 01:37

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.828	3.828	(1.004)	129452	20.0000	17
	74 Benzyl Alcohol	108	3.968	3.968	(1.041)	89278	20.0000	18
	23 1,2-Dichlorobenzene	146	3.983	3.983	(1.045)	127636	20.0000	18
	24 bis (2-chloroisopropyl) ether	45	4.109	4.109	(1.078)	288394	20.0000	19
	3 2-Methylphenol	108	4.101	4.101	(1.076)	126067	20.0000	19
	104 Acetophenone	105	4.234	4.234	(1.111)	204392	20.0000	18
	25 N-Nitroso-di-n-propylamine	70	4.242	4.242	(1.113)	137839	20.0000	18
	4 4-Methylphenol	108	4.264	4.264	(1.118)	131275	20.0000	19
	123 3 & 4 Methylphenol	108	4.264	4.264	(1.118)	132507	20.0000	19
	26 Hexachloroethane	117	4.323	4.323	(1.134)	71872	20.0000	18
$	76 Nitrobenzene-d5 (SUR)	82	4.388	4.388	(0.858)	204194	20.0000	18
	27 Nitrobenzene	77	4.410	4.410	(0.862)	272820	20.0000	19
	107 N,N-Dimethylaniline	120	4.410	4.410	(1.157)	173508	20.0000	18
	28 Isophorone	82	4.653	4.653	(0.909)	341297	20.0000	18
	5 2-Nitrophenol	139	4.733	4.733	(0.925)	70503	20.0000	18
	6 2,4-Dimethylphenol	122	4.800	4.800	(0.938)	100710	20.0000	18
	29 bis(2-Chloroethoxy)methane	93	4.889	4.889	(0.955)	163940	20.0000	17
	7 2,4-Dichlorophenol	162	4.985	4.985	(0.974)	108756	20.0000	18
	15 Benzoic Acid	122	4.963	4.963	(0.970)	58545	20.0000	19(H)
	30 1,2,4-Trichlorobenzene	180	5.060	5.060	(0.989)	120660	20.0000	18
*	80 Naphthalene-d8	136	5.117	5.117	(1.000)	717783	40.0000	
	31 Naphthalene	128	5.131	5.131	(1.003)	283548	20.0000	16
	32 4-Chloroaniline	127	5.204	5.204	(1.017)	136143	20.0000	19
	33 Hexachlorobutadiene	225	5.270	5.270	(1.030)	79348	20.0000	18
	111 Caprolactam	113	5.580	5.580	(1.090)	38292	20.0000	20
	8 4-Chloro-3-methylphenol	107	5.729	5.729	(1.119)	139263	20.0000	19
	34 2-Methylnaphthalene	142	5.840	5.840	(1.141)	202712	20.0000	17
	120 1-Methylnaphthalene	142	5.937	5.937	(1.160)	209196	20.0000	17
	35 Hexachlorocyclopentadiene	237	6.002	6.002	(0.873)	62742	20.0000	14
	129 1,2,4,5-Tetrachlorobenzene	216	6.010	6.010	(0.874)	132764	20.0000	19
	121 2-tert-Butyl-4-methylphenol	149	6.077	6.077	(1.188)	168670	20.0000	18
	9 2,4,6-Trichlorophenol	196	6.135	6.135	(0.892)	90714	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.178	6.178	(0.898)	86729	20.0000	18
$	77 2-Fluorobiphenyl (SUR)	172	6.216	6.216	(0.904)	251251	20.0000	18
	102 Diphenyl	154	6.312	6.312	(0.918)	266793	20.0000	18
	36 2-Chloronaphthalene	162	6.327	6.327	(0.920)	223817	20.0000	18
	103 Diphenyl Ether	170	6.416	6.416	(0.933)	149173	20.0000	18
	37 2-Nitroaniline	65	6.439	6.439	(0.936)	117092	20.0000	20
	125 1,3-Dimethylnaphthalene	156	6.542	6.542	(0.951)	167173	20.0000	18
	38 Dimethylphthalate	163	6.630	6.630	(0.964)	273669	20.0000	19
	114 Coumarin	146	6.638	6.638	(1.297)	84386	20.0000	18
	40 2,6-Dinitrotoluene	165	6.689	6.689	(0.972)	62922	20.0000	18
	39 Acenaphthylene	152	6.733	6.733	(0.979)	329941	20.0000	18
	41 3-Nitroaniline	138	6.850	6.850	(0.996)	63113	20.0000	20
*	82 Acenaphthene-d10	164	6.879	6.879	(1.000)	420326	40.0000	
	42 Acenaphthene	154	6.909	6.909	(1.004)	203001	20.0000	18
	122 2,6-Di-tert-butyl-p-cresol	205	6.916	6.916	(1.005)	202937	20.0000	20

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77569.d
Report Date: 21-Jun-2012 01:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.961	6.961	(1.012)	57351	30.0000	28
	12 4-Nitrophenol	65	7.057	7.057	(1.026)	116183	30.0000	28
	43 Dibenzofuran	168	7.080	7.080	(1.029)	322973	20.0000	19
	44 2,4-Dinitrotoluene	165	7.087	7.087	(1.030)	85307	20.0000	19
	130 2,3,4,6-Tetrachlorophenol	232	7.212	7.212	(1.048)	62110	20.0000	17
	45 Diethylphthalate	149	7.329	7.329	(1.065)	277179	20.0000	19
	47 Fluorene	166	7.418	7.418	(1.078)	244580	20.0000	18
	46 4-Chlorophenyl-phenylether	204	7.426	7.426	(1.079)	127349	20.0000	18
	48 4-Nitroaniline	138	7.462	7.462	(1.085)	51934	20.0000	19(H)
	13 4,6-Dinitro-2-methylphenol	198	7.499	7.499	(0.899)	78360	30.0000	28
	49 N-Nitrosodiphenylamine	169	7.544	7.544	(0.904)	170218	20.0000	19
	75 1,2-Diphenylhydrazine	77	7.581	7.581	(0.909)	481598	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.654	7.654	(1.113)	49796	20.0000	18
	50 4-Bromophenyl-phenylether	248	7.905	7.905	(0.948)	72143	20.0000	18
	51 Hexachlorobenzene	284	7.965	7.965	(0.955)	89514	20.0000	18
	112 Atrazine	200	8.089	8.089	(0.970)	66672	20.0000	19
	14 Pentachlorophenol	266	8.170	8.170	(0.980)	83674	30.0000	29
	132 Pentachloronitrobenzene	237	8.177	8.177	(0.980)	41827	20.0000	18
	115 n-Octadecane	57	8.266	8.266	(0.991)	247485	20.0000	20
*	83 Phenanthrene-d10	188	8.341	8.341	(1.000)	663146	40.0000	
	52 Phenanthrene	178	8.363	8.363	(1.003)	358285	20.0000	19
	53 Anthracene	178	8.408	8.408	(1.008)	373939	20.0000	20
	54 Carbazole	167	8.576	8.576	(1.028)	303085	20.0000	19
	55 Di-n-butylphthalate	149	8.934	8.934	(1.071)	450393	20.0000	19
	56 Fluoranthene	202	9.523	9.523	(1.142)	370450	20.0000	20
	58 Benzidine	184	9.663	9.663	(1.159)	136027	30.0000	48
	57 Pyrene	202	9.745	9.745	(0.886)	358513	20.0000	19
$	78 Terphenyl-d14	244	9.908	9.908	(0.901)	240854	20.0000	19
	59 Butylbenzylphthalate	149	10.405	10.405	(0.946)	170646	20.0000	19
	124 Carbamazepine	193	10.508	10.508	(0.956)	111957	20.0000	19
	60 3,3'-Dichlorobenzidine	252	10.967	10.967	(0.997)	132360	30.0000	33
	61 Benzo(a)anthracene	228	10.982	10.982	(0.999)	258031	20.0000	19
*	81 Chrysene-d12	240	10.997	10.997	(1.000)	491205	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.048	11.048	(1.005)	226778	20.0000	19
	62 Chrysene	228	11.025	11.025	(1.003)	231506	20.0000	18
	64 Di-n-octylphthalate	149	11.839	11.839	(0.926)	331220	20.0000	18
	65 Benzo(b)fluoranthene	252	12.288	12.288	(0.961)	195458	20.0000	16
	66 Benzo(k)fluoranthene	252	12.324	12.324	(0.964)	216848	20.0000	20
	67 Benzo(a)pyrene	252	12.699	12.699	(0.993)	161913	20.0000	18
*	84 Perylene-d12	264	12.787	12.787	(1.000)	327295	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.166	14.166	(1.108)	138485	20.0000	15(M)
	69 Dibenz(a,h)anthracene	278	14.196	14.196	(1.110)	140795	20.0000	18
	70 Benzo(g,h,i)perylene	276	14.521	14.521	(1.136)	144224	20.0000	17

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77569.d
Report Date: 21-Jun-2012 01:37

QC Flag Legend

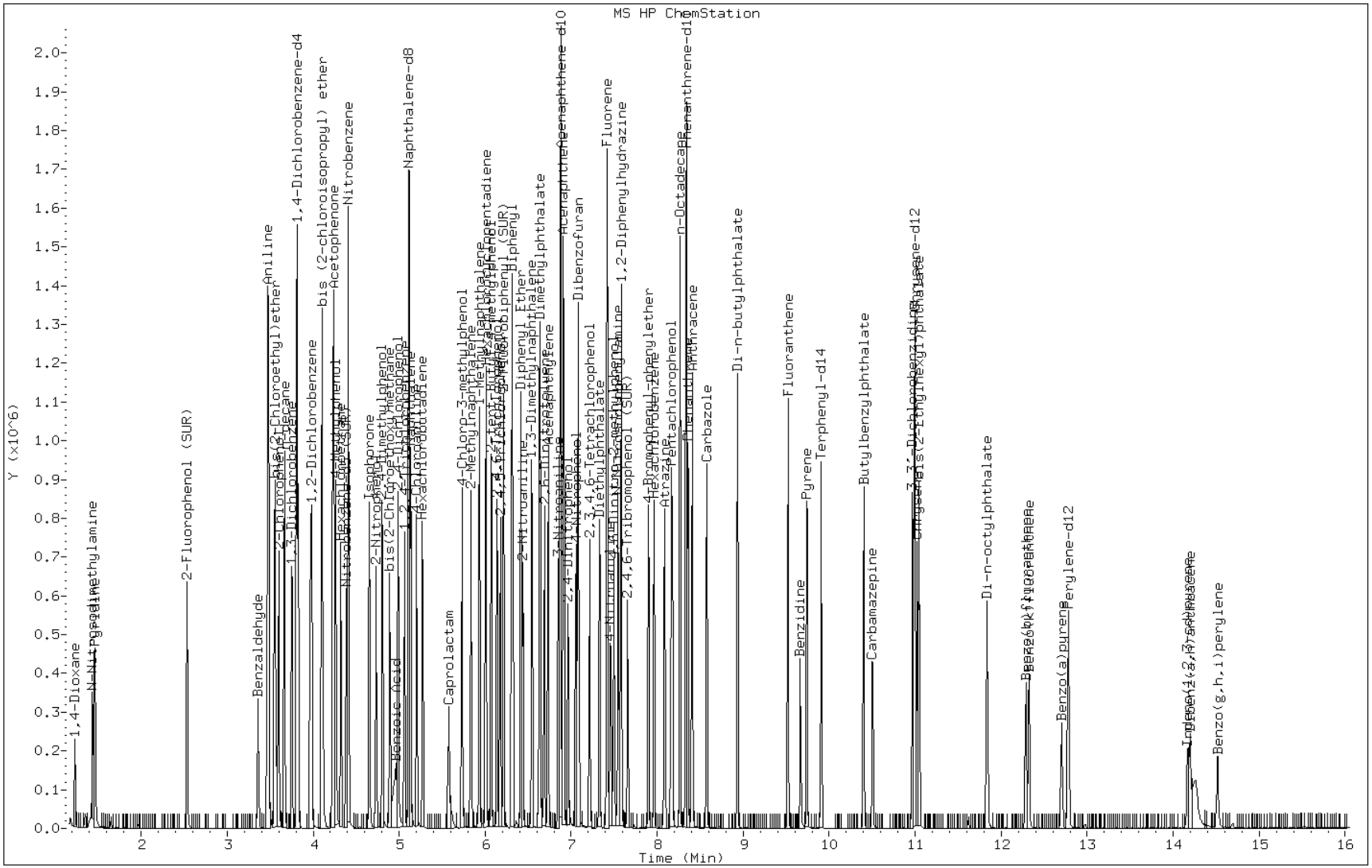
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77569.d

Date: 20-JUN-2012 17:03

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1519303 Operator: BNAMS 4



Manual Integration Report

Data File: u77569.d
Inj. Date and Time: 20-JUN-2012 17:03
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

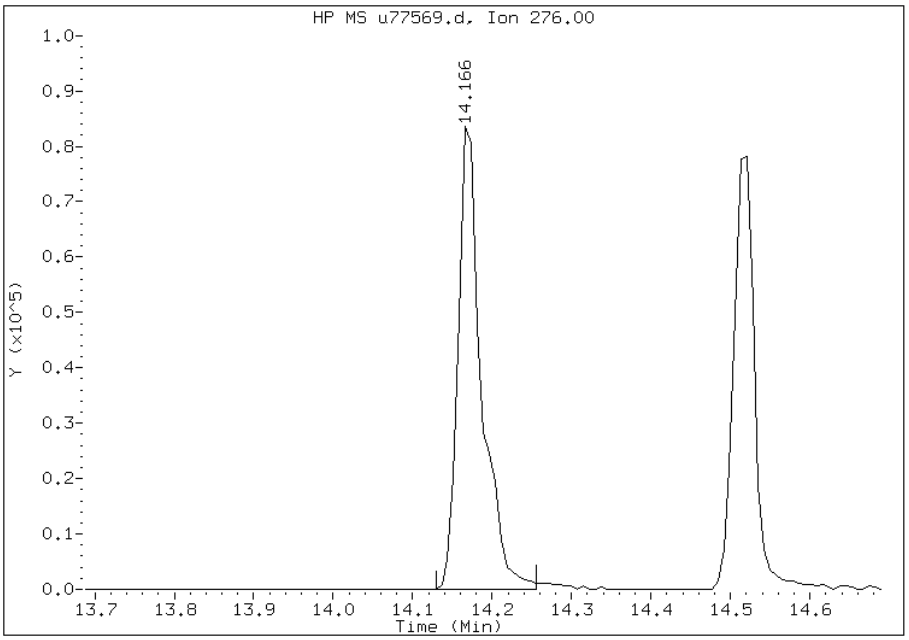
Processing Integration Results

RT: 14.17

Response: 170723

Amount: 19

Conc: 19



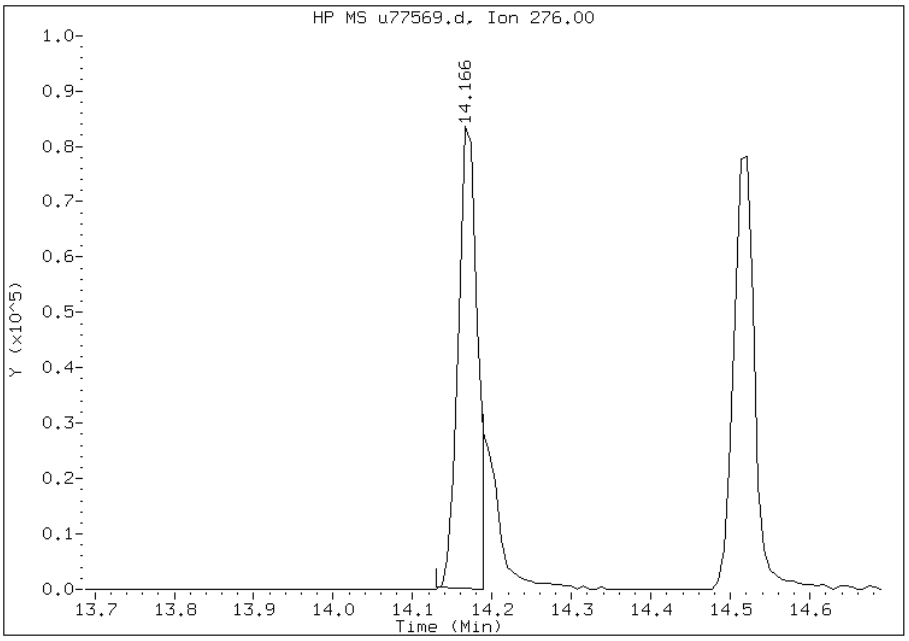
Manual Integration Results

RT: 14.17

Response: 138485

Amount: 15

Conc: 15



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77570.d
Report Date: 21-Jun-2012 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77570.d
Lab Smp Id: IC-1519302
Inj Date : 20-JUN-2012 17:23
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1519302
Misc Info : 10
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 01:37 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:23 Cal File: u77570.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)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	1.234	1.234	(0.324)	23127	10.0000	10
19	N-Nitrosodimethylamine	74	1.438	1.438	(0.377)	43562	10.0000	10
71	Pyridine	79	1.460	1.460	(0.383)	65573	10.0000	9.7
$ 16	2-Fluorophenol (SUR)	112	2.534	2.534	(0.665)	56161	10.0000	9.4
110	Benzaldehyde	77	3.356	3.356	(0.881)	37004	10.0000	14
73	Aniline	93	3.472	3.472	(0.911)	102412	10.0000	10
$ 17	Phenol-d5 (SUR)	99	3.465	3.465	(0.909)	83254	10.0000	9.5
1	Phenol	94	3.480	3.480	(0.913)	95437	10.0000	10
20	bis(2-Chloroethyl)ether	93	3.546	3.546	(0.931)	68392	10.0000	9.5
2	2-Chlorophenol	128	3.597	3.597	(0.944)	52022	10.0000	9.5
113	n-decane	43	3.663	3.663	(0.961)	93112	10.0000	10
21	1,3-Dichlorobenzene	146	3.751	3.751	(0.984)	63836	10.0000	9.9
* 79	1,4-Dichlorobenzene-d4	152	3.810	3.810	(1.000)	175443	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77570.d
Report Date: 21-Jun-2012 01:37

	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	3.825	3.825	(1.004)	60159	10.0000	9.1
	74 Benzyl Alcohol	108	3.965	3.965	(1.041)	39770	10.0000	9.3
	23 1,2-Dichlorobenzene	146	3.980	3.980	(1.044)	58422	10.0000	9.3
	24 bis (2-chloroisopropyl) ether	45	4.105	4.105	(1.077)	134266	10.0000	10
	3 2-Methylphenol	108	4.097	4.097	(1.075)	58570	10.0000	9.8
	104 Acetophenone	105	4.230	4.230	(1.110)	105681	10.0000	10
	25 N-Nitroso-di-n-propylamine	70	4.237	4.237	(1.112)	69257	10.0000	10
	4 4-Methylphenol	108	4.260	4.260	(1.118)	62728	10.0000	10
	123 3 & 4 Methylphenol	108	4.260	4.260	(1.118)	62728	10.0000	10
	26 Hexachloroethane	117	4.319	4.319	(1.134)	35870	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	4.384	4.384	(0.858)	96577	10.0000	10
	27 Nitrobenzene	77	4.399	4.399	(0.861)	127731	10.0000	10
	107 N,N-Dimethylaniline	120	4.407	4.407	(1.157)	79363	10.0000	9.4
	28 Isophorone	82	4.649	4.649	(0.910)	161447	10.0000	10
	5 2-Nitrophenol	139	4.729	4.729	(0.925)	31191	10.0000	9.6
	6 2,4-Dimethylphenol	122	4.802	4.802	(0.940)	46304	10.0000	9.7
	29 bis(2-Chloroethoxy)methane	93	4.891	4.891	(0.957)	82213	10.0000	10
	7 2,4-Dichlorophenol	162	4.985	4.985	(0.976)	51898	10.0000	9.8
	15 Benzoic Acid	122	4.928	4.928	(0.964)	22966	10.0000	8.9
	30 1,2,4-Trichlorobenzene	180	5.059	5.059	(0.990)	57066	10.0000	9.7
*	80 Naphthalene-d8	136	5.110	5.110	(1.000)	615829	40.0000	
	31 Naphthalene	128	5.131	5.131	(1.004)	153182	10.0000	10
	32 4-Chloroaniline	127	5.204	5.204	(1.018)	59253	10.0000	9.5
	33 Hexachlorobutadiene	225	5.276	5.276	(1.033)	37879	10.0000	9.8
	111 Caprolactam	113	5.555	5.555	(1.087)	19156	10.0000	11
	8 4-Chloro-3-methylphenol	107	5.723	5.723	(1.120)	65696	10.0000	10
	34 2-Methylnaphthalene	142	5.834	5.834	(1.142)	95330	10.0000	9.4
	120 1-Methylnaphthalene	142	5.929	5.929	(1.160)	94166	10.0000	9.1(a)
	35 Hexachlorocyclopentadiene	237	6.003	6.003	(0.873)	24494	10.0000	5.7
	129 1,2,4,5-Tetrachlorobenzene	216	6.011	6.011	(0.874)	63497	10.0000	9.5
	121 2-tert-Butyl-4-methylphenol	149	6.070	6.070	(1.188)	76446	10.0000	9.5
	9 2,4,6-Trichlorophenol	196	6.135	6.135	(0.892)	40817	10.0000	9.3
	10 2,4,5-Trichlorophenol	196	6.172	6.172	(0.897)	43336	10.0000	9.5
$	77 2-Fluorobiphenyl (SUR)	172	6.210	6.210	(0.903)	120455	10.0000	9.1
	102 Diphenyl	154	6.311	6.311	(0.918)	124447	10.0000	8.8
	36 2-Chloronaphthalene	162	6.319	6.319	(0.919)	106294	10.0000	9.0
	103 Diphenyl Ether	170	6.415	6.415	(0.933)	71979	10.0000	9.1
	37 2-Nitroaniline	65	6.438	6.438	(0.936)	58971	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.540	6.540	(0.951)	81063	10.0000	9.1
	38 Dimethylphthalate	163	6.628	6.628	(0.964)	131972	10.0000	9.5
	114 Coumarin	146	6.635	6.635	(1.298)	38221	10.0000	9.6
	40 2,6-Dinitrotoluene	165	6.687	6.687	(0.972)	31807	10.0000	9.6
	39 Acenaphthylene	152	6.730	6.730	(0.979)	156586	10.0000	9.0
	41 3-Nitroaniline	138	6.848	6.848	(0.996)	29758	10.0000	9.6(a)
*	82 Acenaphthene-d10	164	6.878	6.878	(1.000)	412125	40.0000	
	42 Acenaphthene	154	6.901	6.901	(1.003)	95896	10.0000	9.0
	122 2,6-Di-tert-butyl-p-cresol	205	6.916	6.916	(1.005)	94282	10.0000	9.5

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77570.d
Report Date: 21-Jun-2012 01:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.960	6.960	(1.012)	31020	20.0000	16
	12 4-Nitrophenol	65	7.048	7.048	(1.025)	79099	20.0000	20
	43 Dibenzofuran	168	7.077	7.077	(1.029)	153633	10.0000	9.2
	44 2,4-Dinitrotoluene	165	7.085	7.085	(1.030)	41977	10.0000	9.5
	130 2,3,4,6-Tetrachlorophenol	232	7.209	7.209	(1.048)	33007	10.0000	9.5
	45 Diethylphthalate	149	7.327	7.327	(1.065)	138847	10.0000	9.7
	47 Fluorene	166	7.415	7.415	(1.078)	116854	10.0000	9.0
	46 4-Chlorophenyl-phenylether	204	7.423	7.423	(1.079)	62083	10.0000	9.3
	48 4-Nitroaniline	138	7.452	7.452	(1.083)	27911	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.490	7.490	(0.898)	47057	20.0000	18
	49 N-Nitrosodiphenylamine	169	7.540	7.540	(0.904)	80752	10.0000	9.4
	75 1,2-Diphenylhydrazine	77	7.577	7.577	(0.909)	241516	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	7.658	7.658	(1.113)	23205	10.0000	9.0
	50 4-Bromophenyl-phenylether	248	7.901	7.901	(0.948)	35393	10.0000	9.4
	51 Hexachlorobenzene	284	7.960	7.960	(0.955)	45178	10.0000	9.6
	112 Atrazine	200	8.086	8.086	(0.970)	35715	10.0000	10
	14 Pentachlorophenol	266	8.168	8.168	(0.980)	46187	20.0000	17
	132 Pentachloronitrobenzene	237	8.176	8.176	(0.981)	20860	10.0000	9.5
	115 n-Octadecane	57	8.264	8.264	(0.991)	119254	10.0000	9.9
*	83 Phenanthrene-d10	188	8.337	8.337	(1.000)	649123	40.0000	
	52 Phenanthrene	178	8.360	8.360	(1.003)	174304	10.0000	9.5
	53 Anthracene	178	8.404	8.404	(1.008)	177599	10.0000	9.7
	54 Carbazole	167	8.573	8.573	(1.028)	154239	10.0000	9.9
	55 Di-n-butylphthalate	149	8.931	8.931	(1.071)	221318	10.0000	9.5
	56 Fluoranthene	202	9.519	9.519	(1.142)	185069	10.0000	10
	58 Benzidine	184	9.668	9.668	(1.160)	120581	20.0000	34
	57 Pyrene	202	9.741	9.741	(0.886)	182472	10.0000	9.2
$	78 Terphenyl-d14	244	9.903	9.903	(0.900)	124804	10.0000	9.3
	59 Butylbenzylphthalate	149	10.402	10.402	(0.946)	99129	10.0000	10
	124 Carbamazepine	193	10.504	10.504	(0.955)	54797	10.0000	8.9
	60 3,3'-Dichlorobenzidine	252	10.964	10.964	(0.997)	98762	20.0000	22
	61 Benzo(a)anthracene	228	10.979	10.979	(0.998)	150071	10.0000	10
*	81 Chrysene-d12	240	11.000	11.000	(1.000)	529632	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.044	11.044	(1.004)	118558	10.0000	9.4
	62 Chrysene	228	11.023	11.023	(1.002)	132910	10.0000	9.8
	64 Di-n-octylphthalate	149	11.834	11.834	(0.926)	172669	10.0000	9.2
	65 Benzo(b)fluoranthene	252	12.283	12.283	(0.961)	108931	10.0000	8.5
	66 Benzo(k)fluoranthene	252	12.320	12.320	(0.964)	128163	10.0000	11
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	91502	10.0000	9.9
*	84 Perylene-d12	264	12.782	12.782	(1.000)	340601	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.164	14.164	(1.108)	76946	10.0000	8.1(M)
	69 Dibenz(a,h)anthracene	278	14.191	14.191	(1.110)	72932	10.0000	9.4
	70 Benzo(g,h,i)perylene	276	14.513	14.513	(1.135)	74416	10.0000	8.7

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77570.d
Report Date: 21-Jun-2012 01:37

QC Flag Legend

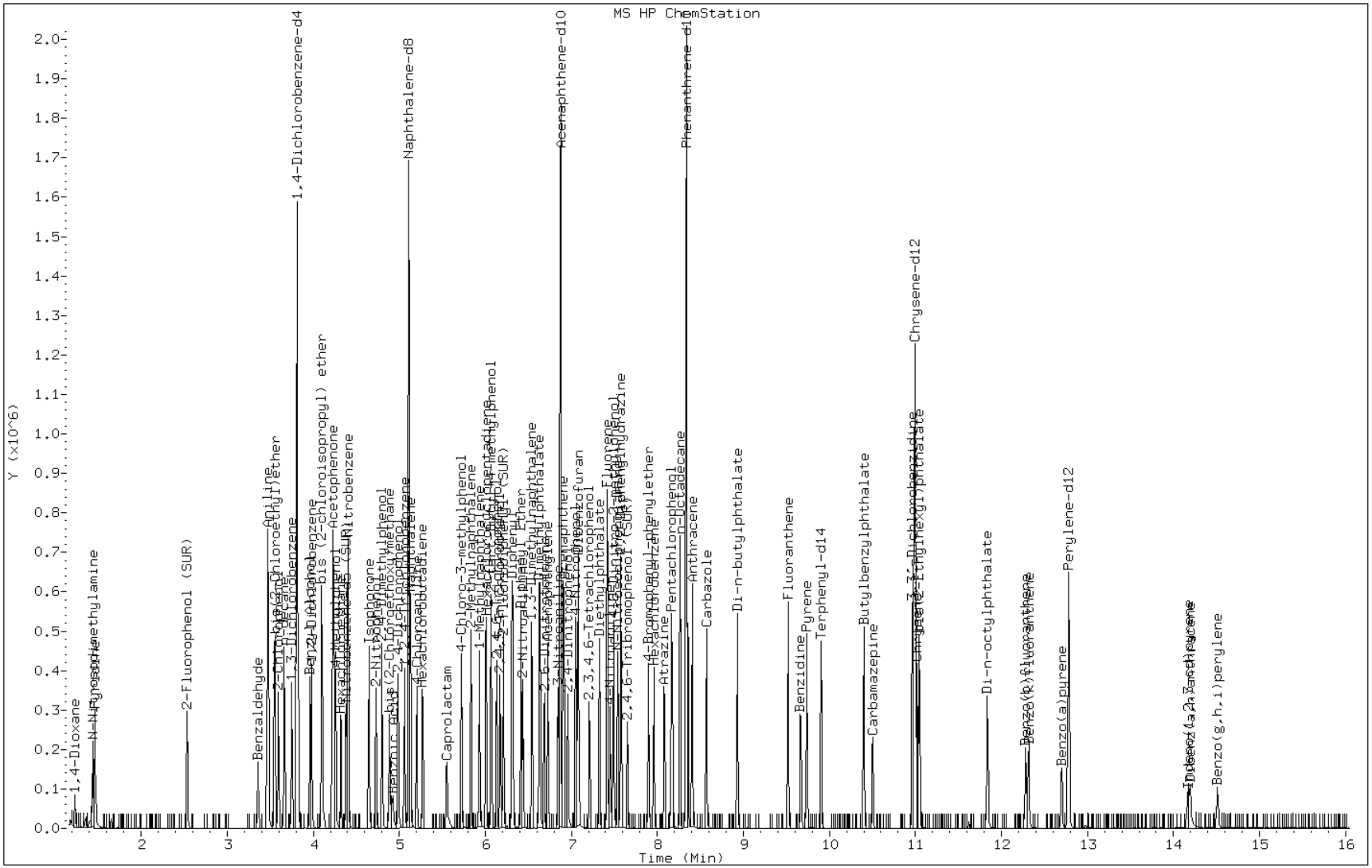
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: u77570.d

Date: 20-JUN-2012 17:23

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1519302 Operator: BNAMS 4



Manual Integration Report

Data File: u77570.d
Inj. Date and Time: 20-JUN-2012 17:23
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

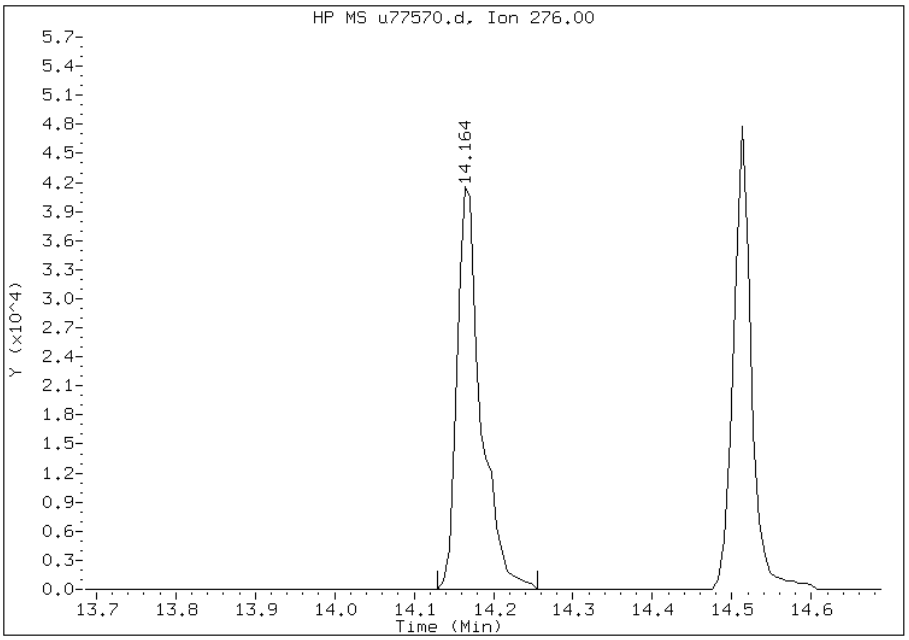
Processing Integration Results

RT: 14.16

Response: 90861

Amount: 10

Conc: 10



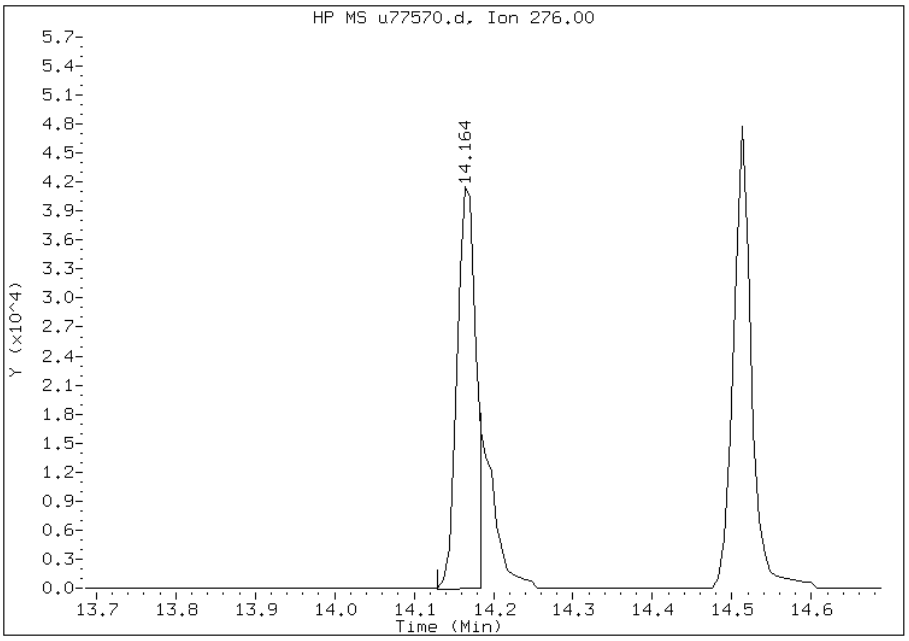
Manual Integration Results

RT: 14.16

Response: 76946

Amount: 8

Conc: 8



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77571.d
Report Date: 21-Jun-2012 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77571.d
Lab Smp Id: IC-1519301
Inj Date : 20-JUN-2012 17:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : IC-1519301
Misc Info : 5
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/8270C_11.m
Meth Date : 21-Jun-2012 01:37 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	1.234	1.234	(0.324)	12783	5.00000	5.7
	19 N-Nitrosodimethylamine	74	1.440	1.440	(0.378)	20362	5.00000	4.8(a)
	71 Pyridine	79	1.462	1.462	(0.384)	34831	5.00000	5.2
$	16 2-Fluorophenol (SUR)	112	2.539	2.539	(0.666)	28561	5.00000	4.9(a)
	110 Benzaldehyde	77	3.361	3.361	(0.882)	27092	5.00000	8.6
	73 Aniline	93	3.472	3.472	(0.911)	50680	5.00000	5.1
$	17 Phenol-d5 (SUR)	99	3.464	3.464	(0.909)	42110	5.00000	4.9(a)
	1 Phenol	94	3.472	3.472	(0.911)	45560	5.00000	5.0
	20 bis(2-Chloroethyl)ether	93	3.546	3.546	(0.931)	3402	0.50000	0.49(a)
	2 2-Chlorophenol	128	3.597	3.597	(0.944)	27152	5.00000	5.1
	113 n-decane	43	3.663	3.663	(0.961)	48582	5.00000	5.4
	21 1,3-Dichlorobenzene	146	3.752	3.752	(0.985)	30524	5.00000	4.9(a)
*	79 1,4-Dichlorobenzene-d4	152	3.810	3.810	(1.000)	170777	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77571.d
Report Date: 21-Jun-2012 01:37

	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	3.825	3.825	(1.004)	32082	5.00000	5.0
	74 Benzyl Alcohol	108	3.963	3.963	(1.040)	20033	5.00000	4.8(a)
	23 1,2-Dichlorobenzene	146	3.978	3.978	(1.044)	30666	5.00000	5.0
	24 bis (2-chloroisopropyl) ether	45	4.103	4.103	(1.077)	69197	5.00000	5.2
	3 2-Methylphenol	108	4.096	4.096	(1.075)	28461	5.00000	4.9(a)
	104 Acetophenone	105	4.227	4.227	(1.109)	53691	5.00000	5.4
	25 N-Nitroso-di-n-propylamine	70	4.242	4.242	(1.113)	2810	0.50000	0.44(aM)
	4 4-Methylphenol	108	4.257	4.257	(1.117)	29662	5.00000	5.0
	123 3 & 4 Methylphenol	108	4.257	4.257	(1.117)	29662	5.00000	5.0
	26 Hexachloroethane	117	4.323	4.323	(1.134)	1780	0.50000	0.51(M)
$	76 Nitrobenzene-d5 (SUR)	82	4.381	4.381	(0.857)	49397	5.00000	5.0
	27 Nitrobenzene	77	4.404	4.404	(0.862)	7002	0.50000	0.53
	107 N,N-Dimethylaniline	120	4.404	4.404	(1.156)	3487	0.50000	0.44(a)
	28 Isophorone	82	4.647	4.647	(0.909)	83305	5.00000	5.0
	5 2-Nitrophenol	139	4.727	4.727	(0.925)	14769	5.00000	4.4(a)
	6 2,4-Dimethylphenol	122	4.800	4.800	(0.939)	24010	5.00000	4.8(a)
	29 bis(2-Chloroethoxy)methane	93	4.888	4.888	(0.957)	41805	5.00000	4.9(a)
	7 2,4-Dichlorophenol	162	4.984	4.984	(0.975)	25076	5.00000	4.6(a)
	15 Benzoic Acid	122	4.911	4.911	(0.961)	7011	5.00000	2.6(a)
	30 1,2,4-Trichlorobenzene	180	5.058	5.058	(0.990)	2525	0.50000	0.42(a)
*	80 Naphthalene-d8	136	5.110	5.110	(1.000)	643822	40.0000	
	31 Naphthalene	128	5.133	5.133	(1.004)	74082	5.00000	4.7(a)
	32 4-Chloroaniline	127	5.206	5.206	(1.019)	31109	5.00000	4.8(a)
	33 Hexachlorobutadiene	225	5.272	5.272	(1.032)	3936	1.00000	0.98(a)
	111 Caprolactam	113	5.536	5.536	(1.083)	9663	5.00000	5.3
	8 4-Chloro-3-methylphenol	107	5.719	5.719	(1.119)	32800	5.00000	4.9(a)
	34 2-Methylnaphthalene	142	5.836	5.836	(1.142)	46815	5.00000	4.5(a)
	120 1-Methylnaphthalene	142	5.932	5.932	(1.161)	51793	5.00000	4.8(a)
	35 Hexachlorocyclopentadiene	237	6.004	6.004	(0.874)	12240	5.00000	2.8(a)
	129 1,2,4,5-Tetrachlorobenzene	216	6.012	6.012	(0.875)	31511	5.00000	4.7(a)
	121 2-tert-Butyl-4-methylphenol	149	6.071	6.071	(1.188)	40525	5.00000	4.8(a)
	9 2,4,6-Trichlorophenol	196	6.137	6.137	(0.893)	19525	5.00000	4.5(a)
	10 2,4,5-Trichlorophenol	196	6.173	6.173	(0.898)	21240	5.00000	4.7(a)
$	77 2-Fluorobiphenyl (SUR)	172	6.210	6.210	(0.904)	62813	5.00000	4.7(a)
	102 Diphenyl	154	6.305	6.305	(0.917)	63491	5.00000	4.5(a)
	36 2-Chloronaphthalene	162	6.320	6.320	(0.920)	55432	5.00000	4.7(a)
	103 Diphenyl Ether	170	6.416	6.416	(0.934)	37371	5.00000	4.7(a)
	37 2-Nitroaniline	65	6.439	6.439	(0.937)	62203	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.542	6.542	(0.952)	39272	5.00000	4.4(a)
	38 Dimethylphthalate	163	6.629	6.629	(0.965)	63807	5.00000	4.6(a)
	114 Coumarin	146	6.636	6.636	(1.299)	19865	5.00000	4.8(a)
	40 2,6-Dinitrotoluene	165	6.680	6.680	(0.972)	2980	1.00000	0.91(a)
	39 Acenaphthylene	152	6.724	6.724	(0.978)	83972	5.00000	4.8(a)
	41 3-Nitroaniline	138	6.850	6.850	(0.997)	29931	10.0000	9.6(a)
*	82 Acenaphthene-d10	164	6.872	6.872	(1.000)	417026	40.0000	
	42 Acenaphthene	154	6.902	6.902	(1.004)	46830	5.00000	4.4(a)
	122 2,6-Di-tert-butyl-p-cresol	205	6.917	6.917	(1.007)	46995	5.00000	4.8(a)

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77571.d
Report Date: 21-Jun-2012 01:37

	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	6.961	6.961	(1.013)	19521	15.0000	10(a)
	12 4-Nitrophenol	65	7.049	7.049	(1.026)	61719	15.0000	15
	43 Dibenzofuran	168	7.072	7.072	(1.029)	76408	5.00000	4.6(a)
	44 2,4-Dinitrotoluene	165	7.086	7.086	(1.031)	3692	1.00000	0.85(aM)
	130 2,3,4,6-Tetrachlorophenol	232	7.211	7.211	(1.049)	15721	5.00000	4.6(a)
	45 Diethylphthalate	149	7.329	7.329	(1.067)	71819	5.00000	5.0
	47 Fluorene	166	7.410	7.410	(1.078)	61814	5.00000	4.8(a)
	46 4-Chlorophenyl-phenylether	204	7.418	7.418	(1.079)	31106	5.00000	4.7(a)
	48 4-Nitroaniline	138	7.447	7.447	(1.084)	28552	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.492	7.492	(0.898)	34734	15.0000	13(a)
	49 N-Nitrosodiphenylamine	169	7.543	7.543	(0.905)	44524	5.00000	5.0
	75 1,2-Diphenylhydrazine	77	7.573	7.573	(0.908)	99545	5.00000	4.2(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.654	7.654	(1.114)	12033	5.00000	4.6(a)
	50 4-Bromophenyl-phenylether	248	7.897	7.897	(0.947)	18593	5.00000	4.8(a)
	51 Hexachlorobenzene	284	7.963	7.963	(0.955)	2269	0.50000	0.47(aM)
	112 Atrazine	200	8.081	8.081	(0.969)	18986	5.00000	5.2
	14 Pentachlorophenol	266	8.162	8.162	(0.979)	33841	15.0000	12(a)
	132 Pentachloronitrobenzene	237	8.177	8.177	(0.981)	11546	5.00000	5.0
	115 n-Octadecane	57	8.264	8.264	(0.991)	63578	5.00000	5.1
*	83 Phenanthrene-d10	188	8.339	8.339	(1.000)	673963	40.0000	
	52 Phenanthrene	178	8.354	8.354	(1.002)	89240	5.00000	4.7(a)
	53 Anthracene	178	8.406	8.406	(1.008)	92235	5.00000	4.9(a)
	54 Carbazole	167	8.569	8.569	(1.028)	80763	5.00000	5.0
	55 Di-n-butylphthalate	149	8.930	8.930	(1.071)	120532	5.00000	5.0
	56 Fluoranthene	202	9.522	9.522	(1.142)	96451	5.00000	5.0
	58 Benzidine	184	9.662	9.662	(1.159)	22709	5.00000	5.8
	57 Pyrene	202	9.735	9.735	(0.885)	94880	5.00000	4.9(a)
$	78 Terphenyl-d14	244	9.904	9.904	(0.901)	61904	5.00000	4.7(a)
	59 Butylbenzylphthalate	149	10.400	10.400	(0.946)	50985	5.00000	5.2
	124 Carbamazepine	193	10.496	10.496	(0.955)	25871	5.00000	4.4(a)
	60 3,3'-Dichlorobenzidine	252	10.964	10.964	(0.997)	52428	10.0000	12
	61 Benzo(a)anthracene	228	10.979	10.979	(0.999)	9278	0.50000	0.60
*	81 Chrysene-d12	240	10.994	10.994	(1.000)	524146	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.046	11.046	(1.005)	63345	5.00000	5.0
	62 Chrysene	228	11.024	11.024	(1.003)	66698	5.00000	5.0
	64 Di-n-octylphthalate	149	11.834	11.834	(0.926)	92249	5.00000	4.8(a)
	65 Benzo(b)fluoranthene	252	12.282	12.282	(0.961)	4469	0.50000	0.34(aM)
	66 Benzo(k)fluoranthene	252	12.319	12.319	(0.964)	5624	0.50000	0.47(aM)
	67 Benzo(a)pyrene	252	12.695	12.695	(0.993)	3698	0.50000	0.40(aM)
*	84 Perylene-d12	264	12.783	12.783	(1.000)	352697	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.162	14.162	(1.108)	3247	0.50000	0.33(aM)
	69 Dibenz(a,h)anthracene	278	14.192	14.192	(1.110)	2866	0.50000	0.36(aM)
	70 Benzo(g,h,i)perylene	276	14.513	14.513	(1.135)	38538	5.00000	4.5(a)

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77571.d
Report Date: 21-Jun-2012 01:37

QC Flag Legend

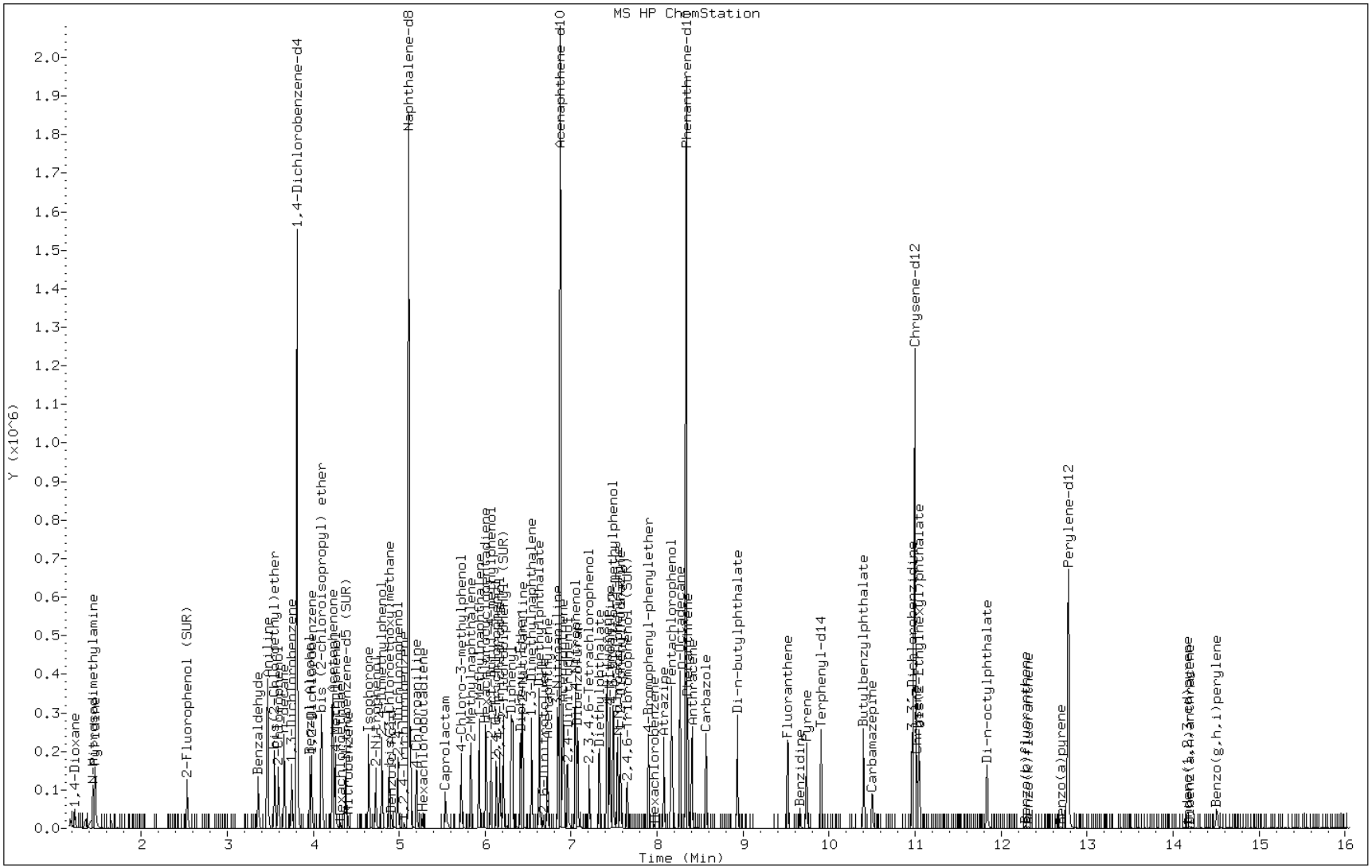
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: u77571.d

Date: 20-JUN-2012 17:43

Client ID: Instrument: BNAMS4.i

Sample Info: IC-1519301 Operator: BNAMS 4



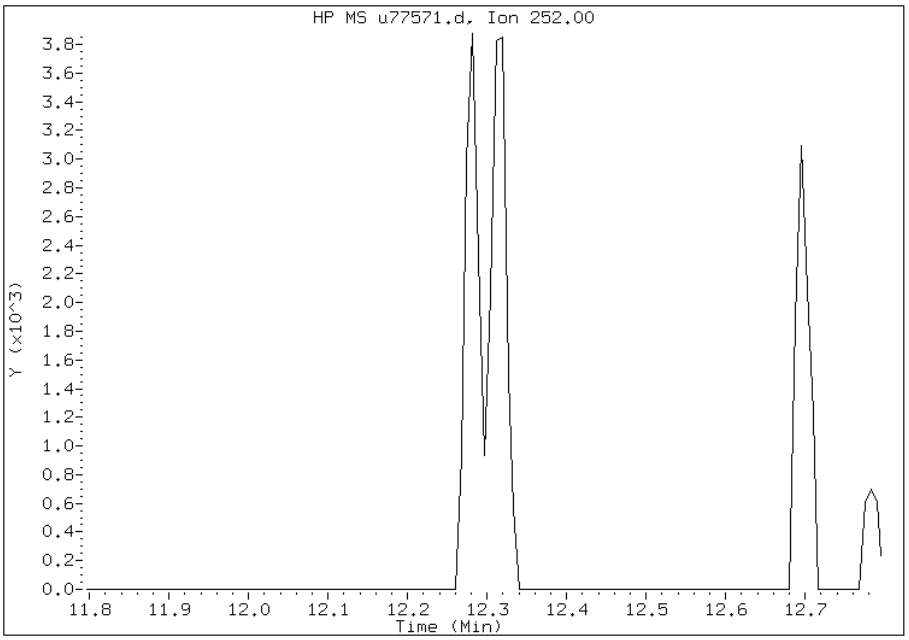
Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 06/21/2012

Processing Integration Results

Not Detected

Expected RT: 12.30



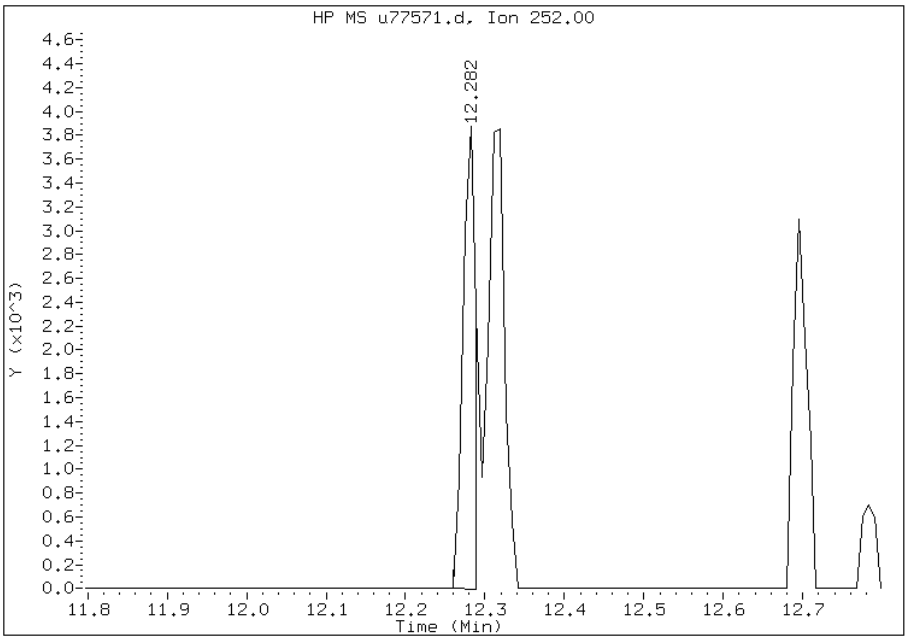
Manual Integration Results

RT: 12.28

Response: 4469

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/21/2012

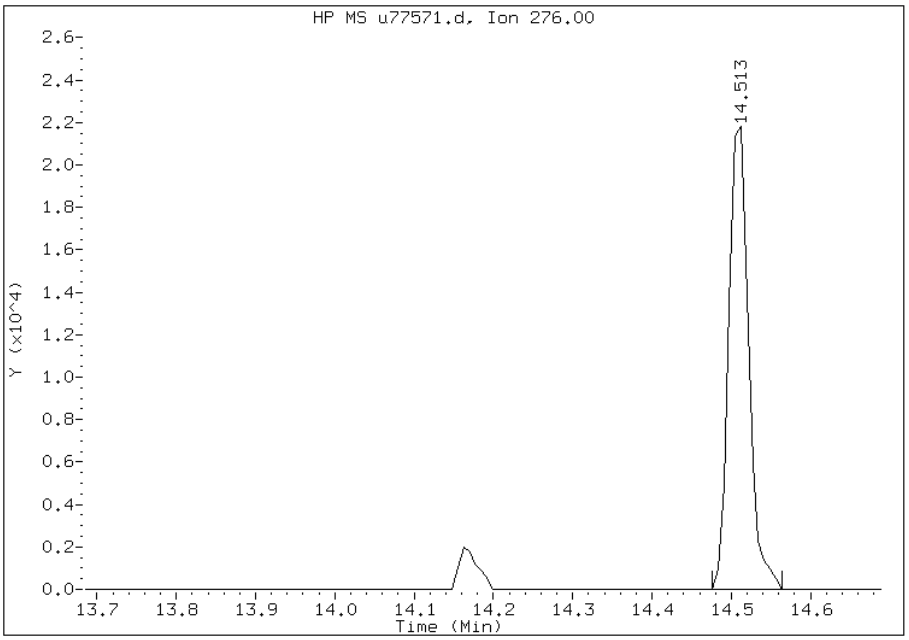
Processing Integration Results

RT: 14.51

Response: 38538

Amount: 2

Conc: 2



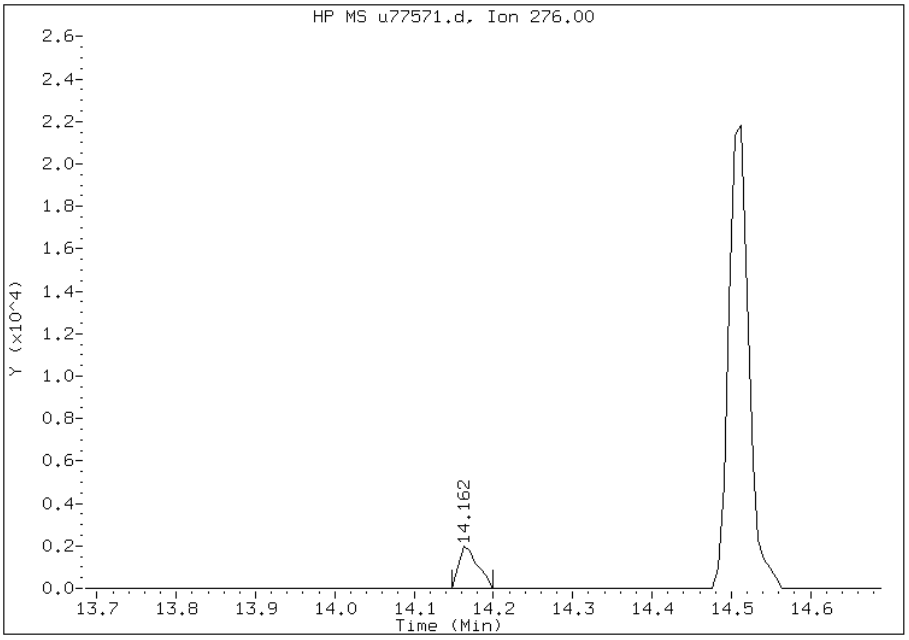
Manual Integration Results

RT: 14.16

Response: 3247

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

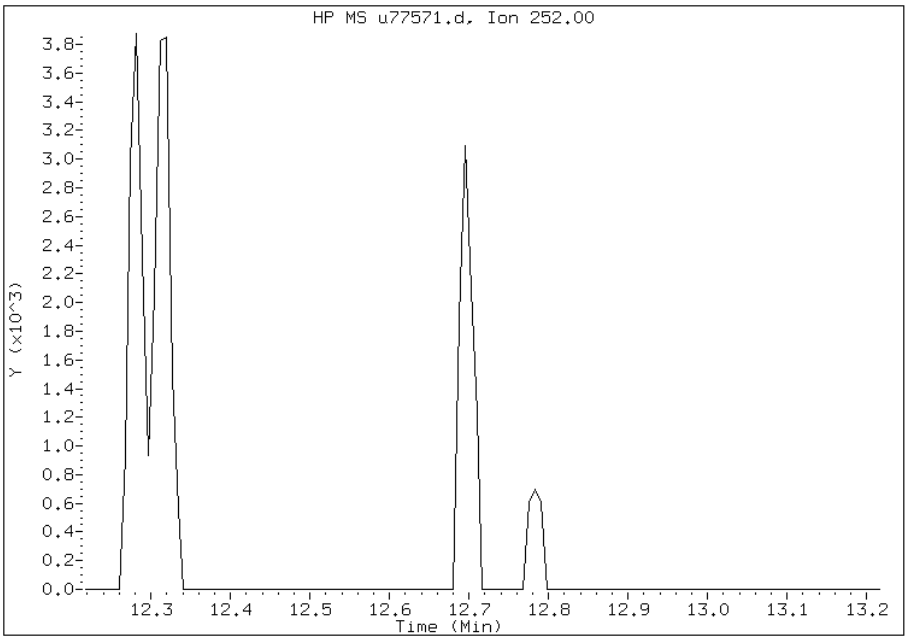
Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 06/21/2012

Processing Integration Results

Not Detected

Expected RT: 12.72



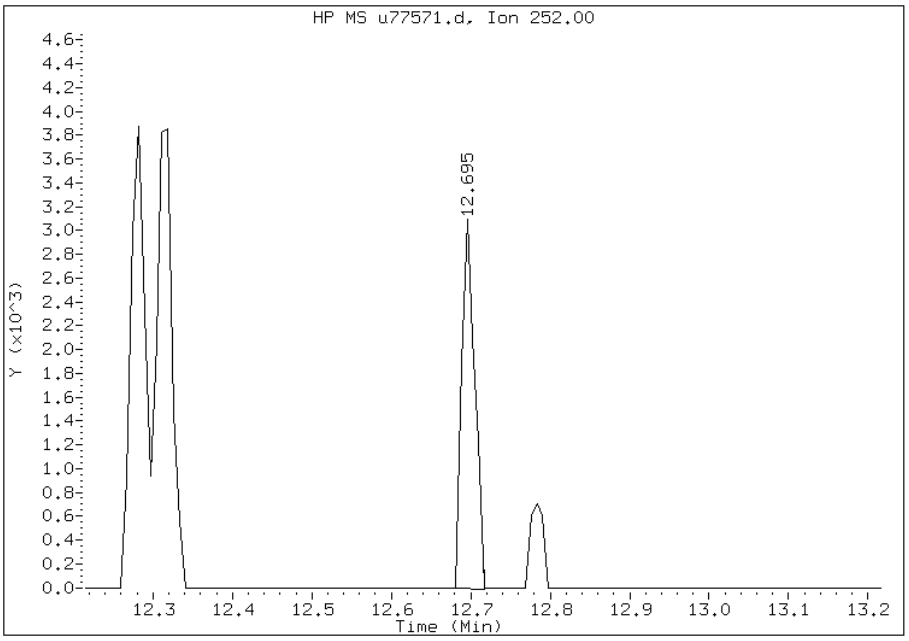
Manual Integration Results

RT: 12.70

Response: 3698

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

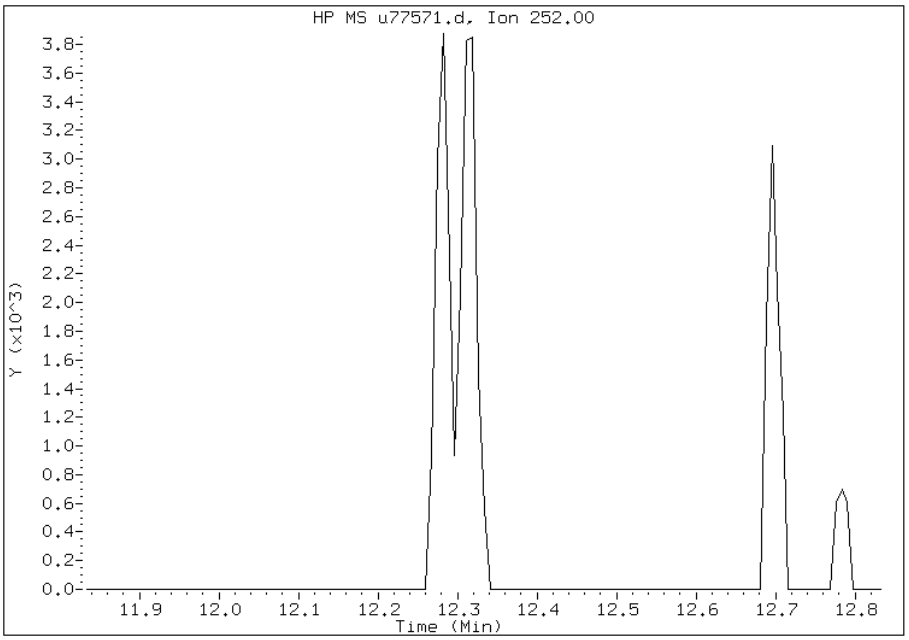
Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 06/21/2012

Processing Integration Results

Not Detected

Expected RT: 12.33



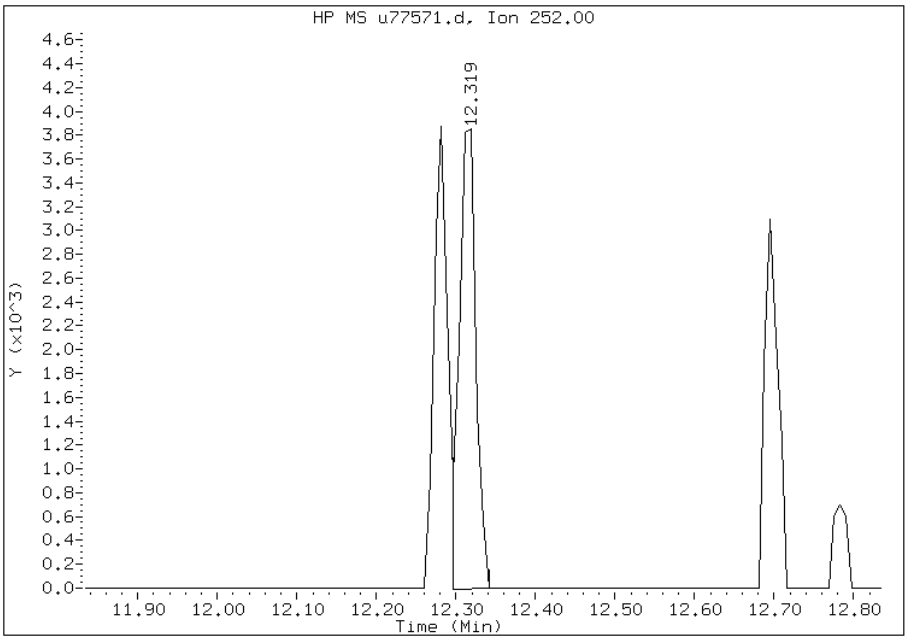
Manual Integration Results

RT: 12.32

Response: 5624

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

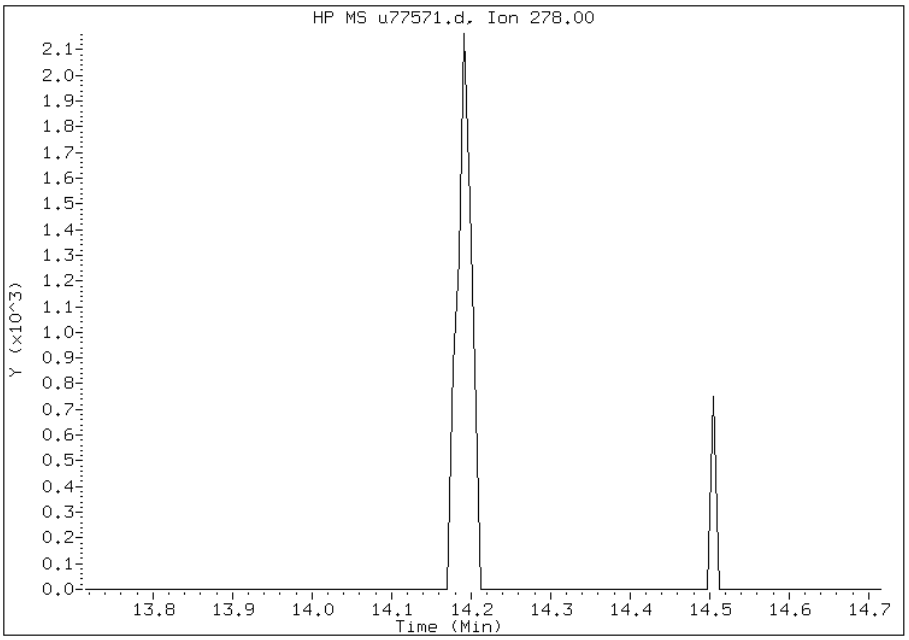
Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 06/21/2012

Processing Integration Results

Not Detected

Expected RT: 14.22



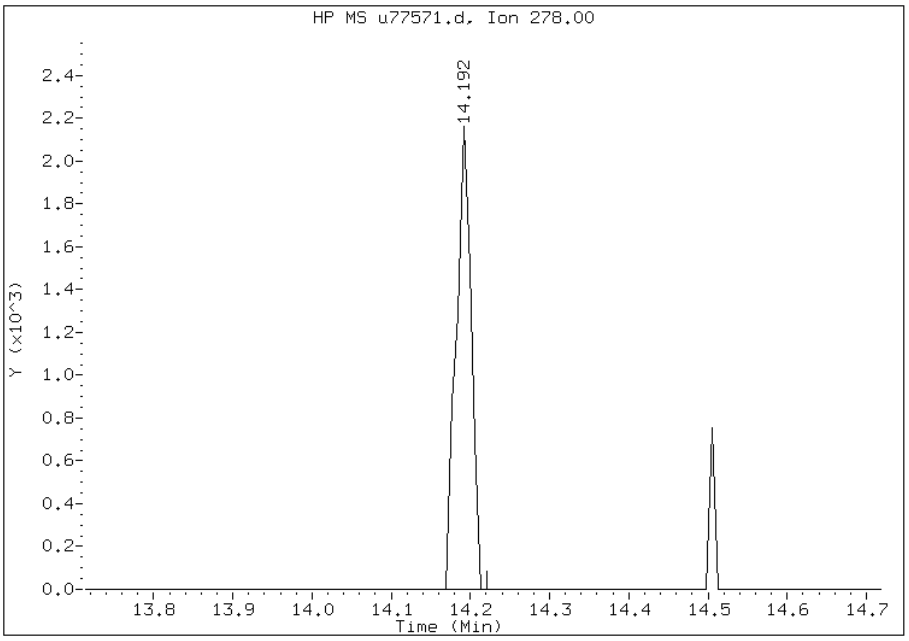
Manual Integration Results

RT: 14.19

Response: 2866

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

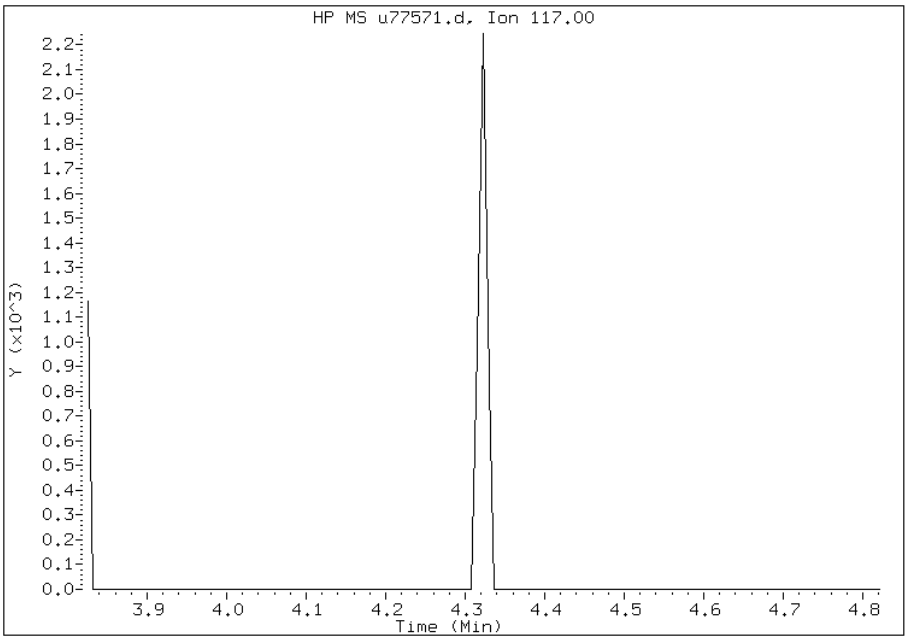
Manual Integration Report

Data File: u77571.d
Inj. Date and Time: 20-JUN-2012 17:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 26 Hexachloroethane
CAS #: 67-72-1
Report Date: 06/21/2012

Processing Integration Results

Not Detected

Expected RT: 4.32



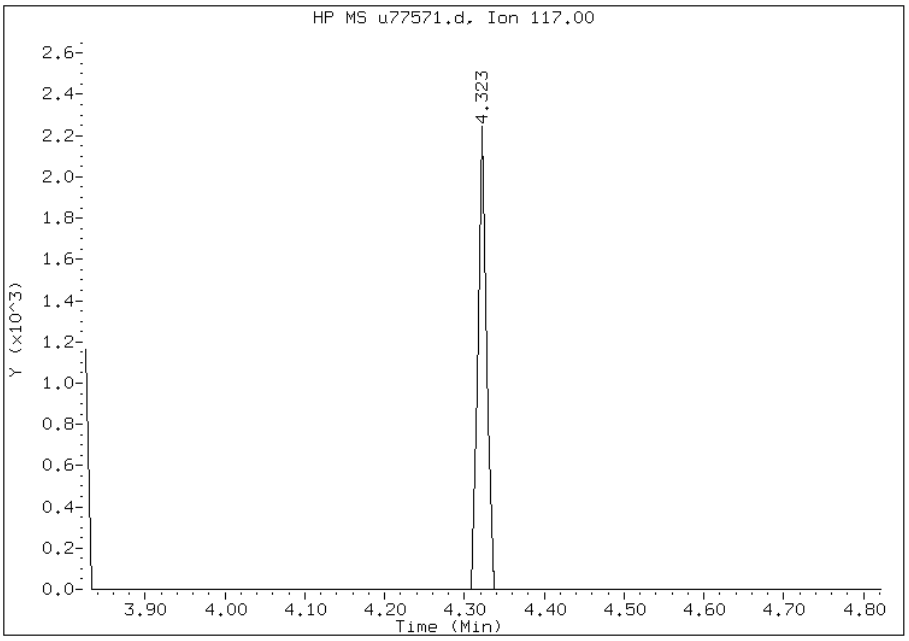
Manual Integration Results

RT: 4.32

Response: 1780

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117164/2 Calibration Date: 06/22/2012 02:27

Instrument ID: BNAMS10 Calib Start Date: 06/06/2012 12:19

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/06/2012 14:41

Lab File ID: p31237.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6068	0.6087		50200	50000	0.3	20.0
N-Nitrosodimethylamine	Ave	0.8367	0.8880		53100	50000	6.1	20.0
Pyridine	Ave	1.454	1.531		52700	50000	5.3	20.0
2-Fluorophenol	Ave	1.307	1.330		50900	50000	1.8	20.0
Benzaldehyde	Ave	0.4275	0.5663		66200	50000	32.5*	20.0
Aniline	Ave	1.890	1.943		51400	50000	2.8	20.0
Phenol-d5	Ave	1.554	1.534		49400	50000	-1.3	20.0
Phenol	Ave	1.718	1.613		46900	50000	-6.1	20.0
Bis(2-chloroethyl)ether	Ave	1.374	1.330		48400	50000	-3.2	20.0
2-Chlorophenol	Ave	1.314	1.308		49800	50000	-0.5	20.0
Decane	Ave	1.319	1.356		51400	50000	2.8	20.0
1,3-Dichlorobenzene	Ave	1.548	1.532		49500	50000	-1.0	20.0
1,4-Dichlorobenzene	Ave	1.547	1.541		49800	50000	-0.4	20.0
1,2-Dichlorobenzene	Ave	1.446	1.465		50700	50000	1.3	20.0
Benzyl alcohol	Ave	0.7991	0.4778		29900	50000	-40.2*	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.373	1.422		51800	50000	3.6	20.0
2-Methylphenol	Ave	1.130	1.133		50100	50000	0.2	20.0
Acetophenone	Ave	1.656	1.672		50500	50000	1.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8647	0.8875	0.0500	51300	50000	2.6	20.0
3 & 4 Methylphenol	Ave	1.106	1.047		47300	50000	-5.3	20.0
4-Methylphenol	Ave	1.100	1.017		46200	50000	-7.5	20.0
Hexachloroethane	Ave	0.6061	0.6103		50300	50000	0.7	20.0
Nitrobenzene-d5	Ave	0.4559	0.4631		50800	50000	1.6	20.0
n,n'-Dimethylaniline	Ave	1.761	1.840		52300	50000	4.5	20.0
Nitrobenzene	LinF	0.6148	0.6057		55900	50000	11.9	20.0
Isophorone	Ave	0.6923	0.6752		48800	50000	-2.5	20.0
2-Nitrophenol	Ave	0.2165	0.2125		49100	50000	-1.8	20.0
2,4-Dimethylphenol	Ave	0.3451	0.2905		42100	50000	-15.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4268	0.4096		48000	50000	-4.1	20.0
2,4-Dichlorophenol	Ave	0.3046	0.2923		48000	50000	-4.1	20.0
Benzoic acid	Ave	0.1853	0.1716		46300	50000	-7.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3603	0.3504		48600	50000	-2.7	20.0
Naphthalene	Ave	1.025	0.9809		47800	50000	-4.3	20.0
4-Chloroaniline	Ave	0.3921	0.3773		48100	50000	-3.8	20.0
Hexachlorobutadiene	Ave	0.2026	0.2006		49500	50000	-1.0	20.0
Caprolactam	Ave	0.0856	0.0820		47900	50000	-4.2	20.0
4-Chloro-3-methylphenol	Ave	0.2994	0.2487		41500	50000	-16.9	20.0
2-Methylnaphthalene	Ave	0.6644	0.6360		47900	50000	-4.3	20.0
1-Methylnaphthalene	Ave	0.6775	0.6550		48300	50000	-3.3	20.0
Hexachlorocyclopentadiene	Ave	0.3457	0.3774	0.0500	54600	50000	9.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6170	0.6374		51700	50000	3.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117164/2 Calibration Date: 06/22/2012 02:27

Instrument ID: BNAMS10 Calib Start Date: 06/06/2012 12:19

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/06/2012 14:41

Lab File ID: p31237.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-tertbutyl-4-methylphenol	Ave	0.4649	0.4099		44100	50000	-11.8	20.0
2,4,6-Trichlorophenol	Ave	0.3736	0.3525		47200	50000	-5.7	20.0
2,4,5-Trichlorophenol	Ave	0.3830	0.3524		46000	50000	-8.0	20.0
2-Fluorobiphenyl	Ave	1.365	1.382		50600	50000	1.3	20.0
Diphenyl	Ave	1.492	1.506		50500	50000	1.0	20.0
2-Chloronaphthalene	Ave	1.164	1.166		50100	50000	0.2	20.0
Diphenyl ether	Ave	0.8447	0.8522		50400	50000	0.9	20.0
2-Nitroaniline	Ave	0.3556	0.3332		46900	50000	-6.3	20.0
Dimethylnaphthalene, total	Ave	1.004	1.016		50600	50000	1.2	20.0
Dimethyl phthalate	Ave	1.099	1.070		48700	50000	-2.6	20.0
Coumarin	Ave	0.1942	0.1816		46800	50000	-6.5	20.0
2,6-Dinitrotoluene	Ave	0.2642	0.2567		48600	50000	-2.8	20.0
Acenaphthylene	Ave	1.715	1.665		48500	50000	-2.9	20.0
3-Nitroaniline	Ave	0.2733	0.2517		46000	50000	-7.9	20.0
Acenaphthene	Ave	1.069	1.069		50000	50000	0.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.001	1.020		50900	50000	1.9	20.0
2,4-Dinitrophenol	QuaF	0.1274	0.0975	0.0500	37300	50000	-25.5*	20.0
4-Nitrophenol	Ave	0.1883	0.1278	0.0500	33900	50000	-32.1*	20.0
Dibenzofuran	Ave	1.459	1.391		47700	50000	-4.6	20.0
2,4-Dinitrotoluene	Ave	0.3226	0.3073		47600	50000	-4.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2455	0.2268		46200	50000	-7.6	20.0
Diethyl phthalate	Ave	1.060	1.019		48100	50000	-3.8	20.0
Fluorene	Ave	1.170	1.139		48700	50000	-2.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5696	0.5637		49500	50000	-1.0	20.0
4-Nitroaniline	Ave	0.2245	0.2096		46700	50000	-6.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1344	0.1232		45800	50000	-8.4	20.0
N-Nitrosodiphenylamine	Ave	0.6183	0.6202		50100	50000	0.3	20.0
1,2-Diphenylhydrazine	Ave	1.061	1.183		55800	50000	11.5	20.0
2,4,6-Tribromophenol	Ave	0.1522	0.1252		41100	50000	-17.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2418	0.2539		52500	50000	5.0	20.0
Hexachlorobenzene	Ave	0.2547	0.2652		52100	50000	4.1	20.0
Atrazine	Ave	0.2079	0.2102		50500	50000	1.1	20.0
Pentachlorophenol	Ave	0.1258	0.1052		41800	50000	-16.3	20.0
Pentachloronitrobenzene	Ave	0.0978	0.0973		49800	50000	-0.5	
n-Octadecane	Ave	0.5504	0.6187		56200	50000	12.4	20.0
Phenanthrene	Ave	1.081	1.079		49900	50000	-0.1	20.0
Anthracene	Ave	1.089	1.087		49900	50000	-0.2	20.0
Carbazole	Ave	0.8861	0.8711		49200	50000	-1.7	20.0
Di-n-butyl phthalate	Ave	1.106	1.104		49900	50000	-0.2	20.0
Fluoranthene	Ave	0.9232	0.9119		49400	50000	-1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117164/2 Calibration Date: 06/22/2012 02:27

Instrument ID: BNAMS10 Calib Start Date: 06/06/2012 12:19

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/06/2012 14:41

Lab File ID: p31237.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzidine	Ave	0.1441	0.0898		31100	50000	-37.7*	20.0
Pyrene	Ave	1.642	1.721		52400	50000	4.8	20.0
Terphenyl-d14	Ave	1.106	1.152		52100	50000	4.2	20.0
Butyl benzyl phthalate	Ave	0.7030	0.7072		50300	50000	0.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1695	0.1818		536	500	7.3	20.0
Carbamazepine	Ave	0.4879	0.4870		49900	50000	-0.2	20.0
3,3'-Dichlorobenzidine	Ave	0.3469	0.3630		52300	50000	4.6	20.0
Benzo[a]anthracene	Ave	1.206	1.134		47000	50000	-5.9	20.0
Chrysene	Ave	1.108	1.085		49000	50000	-2.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9276	0.9247		49800	50000	-0.3	20.0
Di-n-octyl phthalate	Ave	1.850	1.950		52700	50000	5.4	20.0
Benzo[b]fluoranthene	Ave	1.281	1.347		52600	50000	5.1	20.0
Benzo[k]fluoranthene	Ave	1.365	1.386		50800	50000	1.5	20.0
Benzo[a]pyrene	Ave	1.077	1.106		51300	50000	2.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.093	1.010		46200	50000	-7.7	20.0
Dibenz(a,h)anthracene	Ave	1.003	1.097		54700	50000	9.3	20.0
Benzo[g,h,i]perylene	Ave	1.048	1.102		52600	50000	5.2	20.0

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31237.d
Report Date: 22-Jun-2012 03:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31237.d
Lab Smp Id: CCVIS-1519304
Inj Date : 22-JUN-2012 02:27
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : CCVIS-1519304
Misc Info : 50ppm bna4658
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.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	1.187	1.187	(0.299)	689647	50.0000	50
19	N-Nitrosodimethylamine	74	1.410	1.410	(0.355)	1006083	50.0000	53
71	Pyridine	79	1.434	1.434	(0.361)	1734645	50.0000	53
$ 16	2-Fluorophenol (SUR)	112	2.579	2.579	(0.649)	1507028	50.0000	51
110	Benzaldehyde	77	3.473	3.473	(0.874)	641544	50.0000	66
$ 17	Phenol-d5 (SUR)	99	3.619	3.619	(0.911)	1738249	50.0000	49
73	Aniline	93	3.608	3.608	(0.908)	2201172	50.0000	51
1	Phenol	94	3.631	3.631	(0.914)	1827693	50.0000	47
20	bis(2-Chloroethyl)ether	93	3.702	3.702	(0.932)	1506842	50.0000	48
2	2-Chlorophenol	128	3.743	3.743	(0.942)	1482101	50.0000	50
113	n-decane	43	3.825	3.825	(0.963)	1536249	50.0000	51
21	1,3-Dichlorobenzene	146	3.907	3.907	(0.984)	1735780	50.0000	49
* 79	1,4-Dichlorobenzene-d4	152	3.972	3.972	(1.000)	906370	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31237.d
Report Date: 22-Jun-2012 03:28

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	1,4-Dichlorobenzene	146	3.990	3.990	(1.004)	1745994	50.0000	50
	74	Benzyl Alcohol	108	4.160	4.160	(1.047)	541326	50.0000	30
	23	1,2-Dichlorobenzene	146	4.160	4.160	(1.047)	1659540	50.0000	51
	3	2-Methylphenol	108	4.307	4.307	(1.084)	1283503	50.0000	50
	24	bis (2-chloroisopropyl) ether	45	4.307	4.307	(1.084)	1610971	50.0000	52
	104	Acetophenone	105	4.448	4.448	(1.120)	1894103	50.0000	50
	25	N-Nitroso-di-n-propylamine	70	4.465	4.465	(1.124)	1005488	50.0000	51
	4	4-Methylphenol	108	4.489	4.489	(1.130)	1152525	50.0000	46
	123	3 & 4 Methylphenol	108	4.489	4.489	(1.130)	1186057	50.0000	47
	26	Hexachloroethane	117	4.524	4.524	(1.139)	691459	50.0000	50
$	76	Nitrobenzene-d5 (SUR)	82	4.601	4.601	(0.858)	1616529	50.0000	51
	27	Nitrobenzene	77	4.630	4.630	(0.863)	2114311	50.0000	56
	107	N,N-Dimethylaniline	120	4.630	4.630	(1.166)	2085035	50.0000	52
	28	Isophorone	82	4.894	4.894	(0.912)	2356867	50.0000	49
	5	2-Nitrophenol	139	4.971	4.971	(0.927)	741820	50.0000	49
	6	2,4-Dimethylphenol	122	5.059	5.059	(0.943)	1014110	50.0000	42
	29	bis(2-Chloroethoxy)methane	93	5.147	5.147	(0.959)	1429676	50.0000	48
	15	Benzoic Acid	122	5.253	5.253	(0.979)	599136	50.0000	46
	7	2,4-Dichlorophenol	162	5.241	5.241	(0.977)	1020231	50.0000	48
	30	1,2,4-Trichlorobenzene	180	5.312	5.312	(0.990)	1223157	50.0000	49
*	80	Naphthalene-d8	136	5.364	5.364	(1.000)	2792706	40.0000	
	31	Naphthalene	128	5.388	5.388	(1.004)	3424135	50.0000	48
	32	4-Chloroaniline	127	5.470	5.470	(1.020)	1317243	50.0000	48
	33	Hexachlorobutadiene	225	5.535	5.535	(1.032)	700155	50.0000	49
	111	Caprolactam	113	5.876	5.876	(1.095)	286300	50.0000	48
	8	4-Chloro-3-methylphenol	107	6.017	6.017	(1.122)	868198	50.0000	42
	34	2-Methylnaphthalene	142	6.111	6.111	(1.139)	2220092	50.0000	48
	120	1-Methylnaphthalene	142	6.211	6.211	(1.158)	2286360	50.0000	48
	35	Hexachlorocyclopentadiene	237	6.287	6.287	(0.878)	619312	50.0000	54
	129	1,2,4,5-Tetrachlorobenzene	216	6.293	6.293	(0.879)	1045953	50.0000	52
	121	2-tert-Butyl-4-methylphenol	149	6.369	6.369	(1.187)	1430749	50.0000	44
	9	2,4,6-Trichlorophenol	196	6.422	6.422	(0.897)	578346	50.0000	47
	10	2,4,5-Trichlorophenol	196	6.469	6.469	(0.903)	578246	50.0000	46
$	77	2-Fluorobiphenyl (SUR)	172	6.504	6.504	(0.908)	2267644	50.0000	51
	102	Diphenyl	154	6.598	6.598	(0.921)	2471726	50.0000	50
	36	2-Chloronaphthalene	162	6.610	6.610	(0.923)	1913648	50.0000	50
	103	Diphenyl Ether	170	6.704	6.704	(0.936)	1398392	50.0000	50
	37	2-Nitroaniline	65	6.733	6.733	(0.940)	546824	50.0000	47
	125	1,3-Dimethylnaphthalene	156	6.833	6.833	(0.954)	1667873	50.0000	51
	38	Dimethylphthalate	163	6.927	6.927	(0.967)	1755536	50.0000	49
	114	Coumarin	146	6.933	6.933	(1.292)	633835	50.0000	47
	40	2,6-Dinitrotoluene	165	6.986	6.986	(0.975)	421244	50.0000	48
	39	Acenaphthylene	152	7.016	7.016	(0.979)	2732392	50.0000	48
	41	3-Nitroaniline	138	7.145	7.145	(0.998)	412951	50.0000	46
*	82	Acenaphthene-d10	164	7.162	7.162	(1.000)	1312747	40.0000	
	42	Acenaphthene	154	7.192	7.192	(1.004)	1754949	50.0000	50
	122	2,6-Di-tert-butyl-p-cresol	205	7.215	7.215	(1.007)	1673243	50.0000	51

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31237.d
Report Date: 22-Jun-2012 03:28

	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	7.262	7.262	(1.014)	160039	50.0000	37
	12 4-Nitrophenol	65	7.356	7.356	(1.027)	209779	50.0000	34
	44 2,4-Dinitrotoluene	165	7.386	7.386	(1.031)	504322	50.0000	48
	43 Dibenzofuran	168	7.368	7.368	(1.029)	2283077	50.0000	48
	130 2,3,4,6-Tetrachlorophenol	232	7.509	7.509	(1.048)	372168	50.0000	46
	45 Diethylphthalate	149	7.632	7.632	(1.066)	1672853	50.0000	48
	47 Fluorene	166	7.709	7.709	(1.076)	1869026	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.715	7.715	(1.077)	924996	50.0000	49
	48 4-Nitroaniline	138	7.756	7.756	(1.083)	343947	50.0000	47
	13 4,6-Dinitro-2-methylphenol	198	7.791	7.791	(0.903)	231986	50.0000	46
	49 N-Nitrosodiphenylamine	169	7.844	7.844	(0.909)	1168141	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.873	7.873	(0.913)	2228525	50.0000	56
$	18 2,4,6-Tribromophenol (SUR)	330	7.950	7.950	(1.110)	205513	50.0000	41
	50 4-Bromophenyl-phenylether	248	8.196	8.196	(0.950)	478322	50.0000	52
	51 Hexachlorobenzene	284	8.255	8.255	(0.957)	499462	50.0000	52
	112 Atrazine	200	8.384	8.384	(0.972)	395854	50.0000	50
	14 Pentachlorophenol	266	8.461	8.461	(0.981)	198215	50.0000	42
	132 Pentachloronitrobenzene	237	8.467	8.467	(0.982)	183334	50.0000	50
	115 n-Octadecane	57	8.567	8.567	(0.993)	1165457	50.0000	56
*	83 Phenanthrene-d10	188	8.625	8.625	(1.000)	1506895	40.0000	
	52 Phenanthrene	178	8.649	8.649	(1.003)	2033132	50.0000	50
	53 Anthracene	178	8.696	8.696	(1.008)	2047978	50.0000	50
	54 Carbazole	167	8.866	8.866	(1.028)	1640826	50.0000	49
	55 Di-n-butylphthalate	149	9.231	9.231	(1.070)	2079579	50.0000	50
	56 Fluoranthene	202	9.806	9.806	(1.137)	1717663	50.0000	49
	58 Benzidine	184	9.971	9.971	(1.156)	169060	50.0000	31
	57 Pyrene	202	10.024	10.024	(0.890)	1646130	50.0000	52
$	78 Terphenyl-d14	244	10.200	10.200	(0.906)	1101717	50.0000	52
	59 Butylbenzylphthalate	149	10.694	10.694	(0.950)	676300	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.776	10.776	(0.957)	1739	0.50000	0.54
	124 Carbamazepine	193	10.788	10.788	(0.958)	465707	50.0000	50
	60 3,3'-Dichlorobenzidine	252	11.234	11.234	(0.998)	347116	50.0000	52
	61 Benzo(a)anthracene	228	11.246	11.246	(0.999)	1084797	50.0000	47
*	81 Chrysene-d12	240	11.258	11.258	(1.000)	765064	40.0000	
	62 Chrysene	228	11.281	11.281	(1.002)	1037871	50.0000	49
	63 bis(2-Ethylhexyl)phthalate	149	11.322	11.322	(1.006)	884344	50.0000	50
	64 Di-n-octylphthalate	149	12.092	12.092	(0.931)	1281676	50.0000	53
	65 Benzo(b)fluoranthene	252	12.515	12.515	(0.963)	885580	50.0000	52
	66 Benzo(k)fluoranthene	252	12.550	12.550	(0.966)	911285	50.0000	51
	67 Benzo(a)pyrene	252	12.920	12.920	(0.995)	727097	50.0000	51
*	84 Perylene-d12	264	12.991	12.991	(1.000)	525945	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.360	14.360	(1.105)	663735	50.0000	46(M)
	69 Dibenz(a,h)anthracene	278	14.389	14.389	(1.108)	721085	50.0000	55
	70 Benzo(g,h,i)perylene	276	14.689	14.689	(1.131)	724662	50.0000	52

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31237.d
Report Date: 22-Jun-2012 03:28

QC Flag Legend

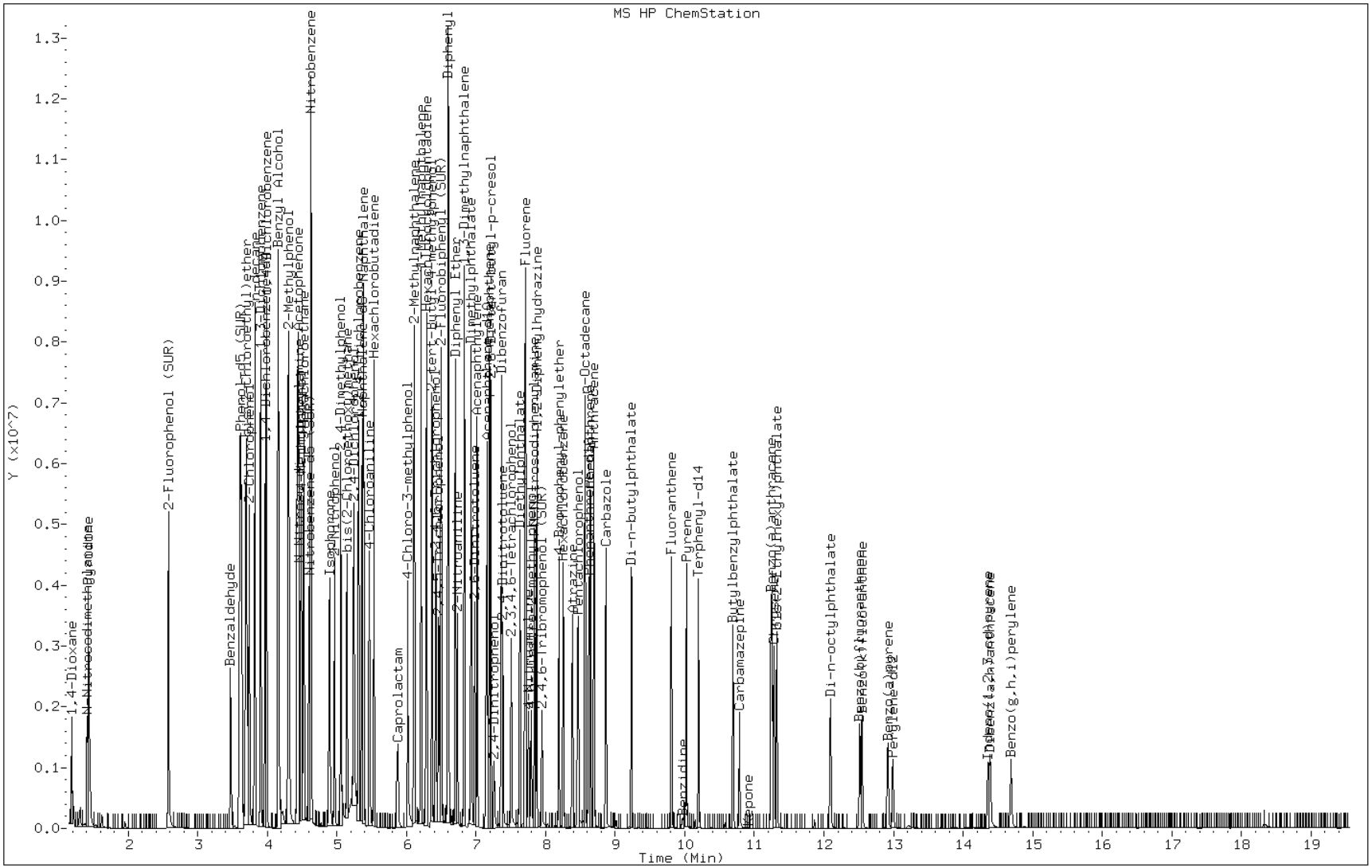
M - Compound response manually integrated.

Data File: p31237.d

Date: 22-JUN-2012 02:27

Client ID: Instrument: BNAMS10.i

Sample Info: CCVIS-1519304 Operator: BNAMS 4



Manual Integration Report

Data File: p31237.d
Inj. Date and Time: 22-JUN-2012 02:27
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/22/2012

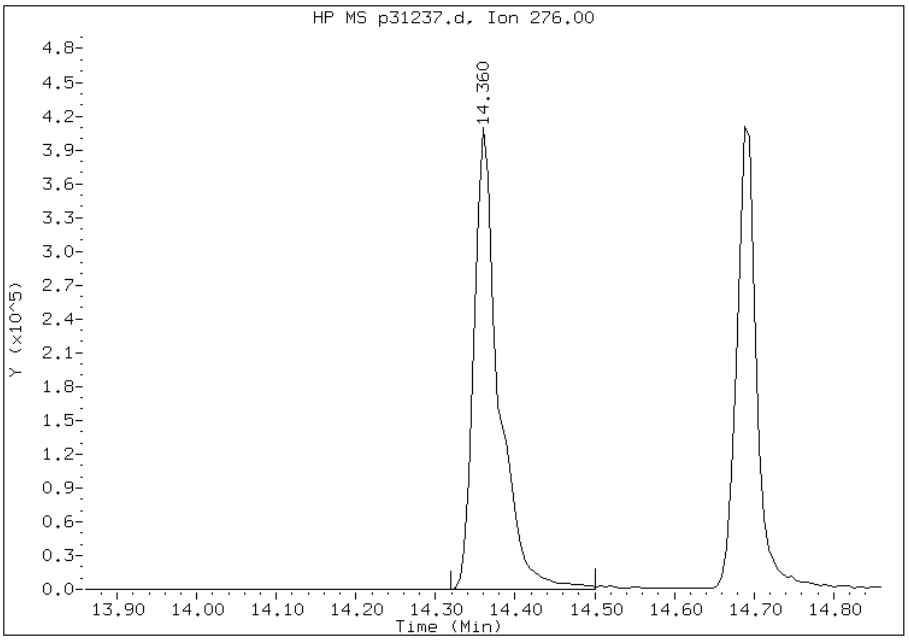
Processing Integration Results

RT: 14.36

Response: 879053

Amount: 61

Conc: 61



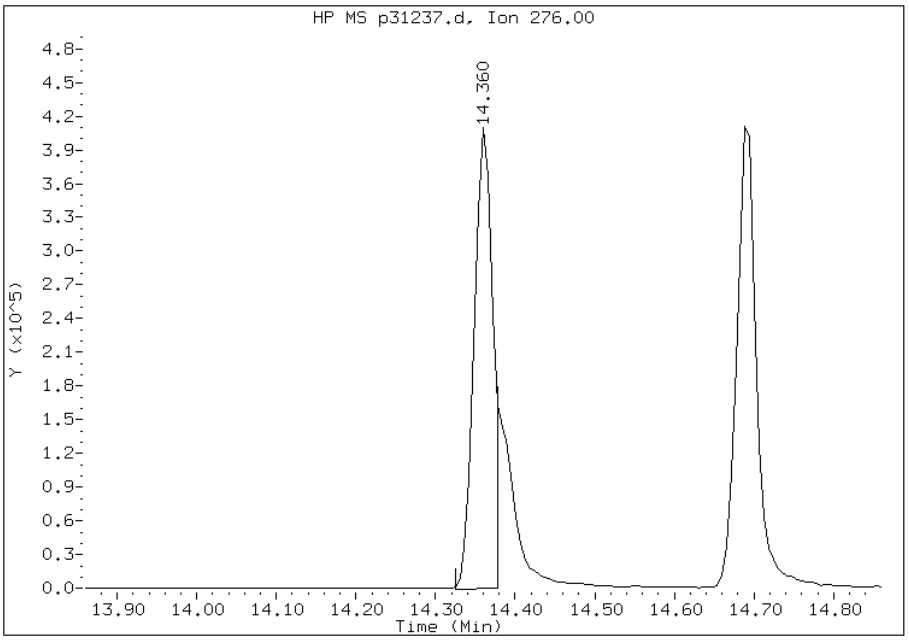
Manual Integration Results

RT: 14.36

Response: 663735

Amount: 46

Conc: 46



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117392/2 Calibration Date: 06/24/2012 02:11

Instrument ID: BNAMS4 Calib Start Date: 06/20/2012 15:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/20/2012 17:43

Lab File ID: u77656.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD (Screen)	Ave	0.1197	0.0000		1.00	500	-100.0*	20.0
1,4-Dioxane	Ave	0.5236	0.4672		44600	50000	-10.8	20.0
N-Nitrosodimethylamine	Ave	0.9822	1.015		51700	50000	3.3	20.0
Pyridine	Ave	1.555	1.555		50000	50000	0.0	20.0
2-Fluorophenol	Ave	1.352	1.488		55000	50000	10.1	20.0
Benzaldehyde	Ave	0.7386	0.9678		65500	50000	31.0*	20.0
Aniline	Ave	2.314	2.485		53700	50000	7.4	20.0
Phenol-d5	Ave	1.996	2.214		55500	50000	10.9	20.0
Phenol	Ave	2.151	2.325		54000	50000	8.1	20.0
Bis(2-chloroethyl)ether	Ave	1.639	1.724		52600	50000	5.2	20.0
2-Chlorophenol	Ave	1.256	1.315		52300	50000	4.7	20.0
Decane	Ave	2.122	2.013		47400	50000	-5.2	20.0
1,3-Dichlorobenzene	Ave	1.464	1.495		51100	50000	2.1	20.0
1,4-Dichlorobenzene	Ave	1.512	1.525		50400	50000	0.9	20.0
Benzyl alcohol	Ave	0.9685	0.9934		51300	50000	2.6	20.0
1,2-Dichlorobenzene	Ave	1.438	1.429		49700	50000	-0.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.082	3.156		51200	50000	2.4	20.0
2-Methylphenol	Ave	1.353	1.494		55200	50000	10.4	20.0
Acetophenone	Ave	2.336	2.423		51800	50000	3.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.482	1.642	0.0500	55400	50000	10.8	20.0
3 & 4 Methylphenol	Ave	1.396	1.501		53800	50000	7.5	20.0
4-Methylphenol	Ave	1.394	1.501		53900	50000	7.7	20.0
Hexachloroethane	Ave	0.8129	0.8191		50400	50000	0.8	20.0
Nitrobenzene-d5	Ave	0.6170	0.6312		51100	50000	2.3	20.0
n,n'-Dimethylaniline	Ave	1.874	2.130		56900	50000	13.7	20.0
Nitrobenzene	Ave	0.8135	0.7942		48800	50000	-2.4	20.0
Isophorone	Ave	1.038	1.057		50900	50000	1.8	20.0
2-Nitrophenol	Ave	0.2066	0.2251		54500	50000	9.0	20.0
2,4-Dimethylphenol	Ave	0.3073	0.3219		52400	50000	4.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.5267	0.5418		51400	50000	2.9	20.0
Benzoic acid	QuaF	0.1638	0.1062		30800	50000	-38.4*	20.0
2,4-Dichlorophenol	Ave	0.3387	0.3661		54000	50000	8.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3693	0.3883		52600	50000	5.1	20.0
Naphthalene	Ave	0.9811	1.038		52900	50000	5.8	20.0
4-Chloroaniline	Ave	0.4003	0.4435		55400	50000	10.8	20.0
Hexachlorobutadiene	Ave	0.2490	0.2301		46200	50000	-7.6	20.0
Caprolactam	Ave	0.1131	0.1195		52800	50000	5.7	20.0
4-Chloro-3-methylphenol	Ave	0.4128	0.4484		54300	50000	8.6	20.0
2-Methylnaphthalene	Ave	0.6453	0.6760		52400	50000	4.7	20.0
1-Methylnaphthalene	Ave	0.6655	0.7410		55700	50000	11.3	20.0
Hexachlorocyclopentadiene	LinF	0.3324	0.3115	0.0500	37200	50000	-25.5*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117392/2 Calibration Date: 06/24/2012 02:11

Instrument ID: BNAMS4 Calib Start Date: 06/20/2012 15:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/20/2012 17:43

Lab File ID: u77656.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.6436	0.6065		47100	50000	-5.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.5182	0.5374		51900	50000	3.7	20.0
2,4,6-Trichlorophenol	Ave	0.4169	0.3972		47600	50000	-4.7	20.0
2,4,5-Trichlorophenol	Ave	0.4353	0.4348		49900	50000	-0.1	20.0
2-Fluorobiphenyl	Ave	1.269	1.275		50300	50000	0.5	20.0
Diphenyl	Ave	1.341	1.335		49800	50000	-0.4	20.0
2-Chloronaphthalene	Ave	1.129	1.132		50100	50000	0.2	20.0
Diphenyl ether	Ave	0.7610	0.7468		49100	50000	-1.9	20.0
2-Nitroaniline	Ave	0.5726	0.5703		49800	50000	-0.4	20.0
Dimethylnaphthalene, total	Ave	0.8477	0.8381		49400	50000	-1.1	20.0
Dimethyl phthalate	Ave	1.329	1.355		51000	50000	2.0	20.0
Coumarin	Ave	0.2555	0.3049		59700	50000	19.3	20.0
2,6-Dinitrotoluene	Ave	0.3150	0.3273		51900	50000	3.9	20.0
Acenaphthylene	Ave	1.675	1.674		50000	50000	-0.0	20.0
3-Nitroaniline	Ave	0.2988	0.3213		53800	50000	7.5	20.0
Acenaphthene	Ave	1.011	0.9773		48300	50000	-3.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9489	0.9311		49100	50000	-1.9	20.0
2,4-Dinitrophenol	QuaF	0.1803	0.1497	0.0500	39200	50000	-21.7*	20.0
4-Nitrophenol	Ave	0.3925	0.4283	0.0500	54600	50000	9.1	20.0
Dibenzofuran	Ave	1.591	1.606		50500	50000	0.9	20.0
2,4-Dinitrotoluene	Ave	0.4153	0.4538		54600	50000	9.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3305	0.3306		50000	50000	0.0	20.0
Diethyl phthalate	Ave	1.389	1.437		51700	50000	3.4	20.0
Fluorene	Ave	1.242	1.284		51700	50000	3.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6390	0.6011		47000	50000	-5.9	20.0
4-Nitroaniline	Ave	0.2640	0.3244		61400	50000	22.9*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1575	0.1412		44800	50000	-10.4	20.0
N-Nitrosodiphenylamine	Ave	0.5292	0.5158		48700	50000	-2.5	20.0
1,2-Diphenylhydrazine	Ave	1.419	1.283		45200	50000	-9.5	20.0
2,4,6-Tribromophenol	Ave	0.2481	0.2599		52400	50000	4.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2296	0.2038		44400	50000	-11.2	20.0
Hexachlorobenzene	Ave	0.2869	0.2666		46500	50000	-7.1	20.0
Atrazine	Ave	0.2161	0.2329		53900	50000	7.8	20.0
Pentachlorophenol	QuaF	0.1718	0.1459		41600	50000	-16.8	20.0
Pentachloronitrobenzene	Ave	0.1356	0.1141		42100	50000	-15.8	
n-Octadecane	Ave	0.7439	0.6743		45300	50000	-9.4	20.0
Phenanthrene	Ave	1.117	1.074		48100	50000	-3.9	20.0
Anthracene	Ave	1.125	1.022		45400	50000	-9.1	20.0
Carbazole	Ave	0.9591	0.9697		50600	50000	1.1	20.0
Di-n-butyl phthalate	Ave	1.432	1.453		50700	50000	1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVIS 460-117392/2 Calibration Date: 06/24/2012 02:11

Instrument ID: BNAMS4 Calib Start Date: 06/20/2012 15:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 06/20/2012 17:43

Lab File ID: u77656.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoranthene	Ave	1.143	1.165		51000	50000	2.0	20.0
Benzidine	Ave	0.2311	0.3203		69300	50000	38.6*	20.0
Pyrene	Ave	1.482	1.385		46700	50000	-6.5	20.0
Terphenyl-d14	Ave	1.003	0.8763		43700	50000	-12.6	20.0
Butyl benzyl phthalate	Ave	0.7446	0.7144		48000	50000	-4.1	20.0
Carbamazepine	Ave	0.4526	0.4543		50200	50000	0.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3443	0.4143		60200	50000	20.3*	20.0
Benzo[a]anthracene	Ave	1.171	1.099		46900	50000	-6.2	20.0
Chrysene	Ave	1.019	0.9447		46400	50000	-7.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9556	0.9344		48900	50000	-2.2	20.0
Di-n-octyl phthalate	Ave	2.181	2.034		46600	50000	-6.7	20.0
Benzo[b]fluoranthene	LinF	1.317	1.285		42700	50000	-14.6	20.0
Benzo[k]fluoranthene	Ave	1.369	1.259		46000	50000	-8.0	20.0
Benzo[a]pyrene	Ave	1.048	1.033		49300	50000	-1.4	20.0
Indeno[1,2,3-cd]pyrene	LinF	0.9543	0.9911		44500	50000	-11.1	20.0
Dibenz(a,h)anthracene	QuaF	0.9282	0.9634		49300	50000	-1.5	20.0
Benzo[g,h,i]perylene	Ave	0.9797	1.004		51300	50000	2.5	20.0

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77656.d
Report Date: 24-Jun-2012 02:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77656.d
Lab Smp Id: CCVIS-1519304
Inj Date : 24-JUN-2012 02:11
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : CCVIS-1519304
Misc Info : 50 ppm bna 4658
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	1.180	1.180	(0.312)	51974	50.0000	45
19	N-Nitrosodimethylamine	74	1.399	1.399	(0.370)	112913	50.0000	52
71	Pyridine	79	1.414	1.414	(0.374)	173030	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	2.499	2.499	(0.662)	165584	50.0000	55
110	Benzaldehyde	77	3.323	3.323	(0.879)	107659	50.0000	66
73	Aniline	93	3.440	3.440	(0.911)	276449	50.0000	54
$ 17	Phenol-d5 (SUR)	99	3.448	3.448	(0.913)	246338	50.0000	55
1	Phenol	94	3.455	3.455	(0.915)	258669	50.0000	54
20	bis(2-Chloroethyl)ether	93	3.522	3.522	(0.932)	191768	50.0000	52
2	2-Chlorophenol	128	3.567	3.567	(0.944)	146323	50.0000	52
113	n-decane	43	3.633	3.633	(0.961)	223894	50.0000	47
21	1,3-Dichlorobenzene	146	3.720	3.720	(0.985)	166302	50.0000	51
* 79	1,4-Dichlorobenzene-d4	152	3.778	3.778	(1.000)	88997	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77656.d
Report Date: 24-Jun-2012 02:46

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	1,4-Dichlorobenzene	146	3.793	3.793	(1.004)	169631	50.0000	50
	74	Benzyl Alcohol	108	3.940	3.940	(1.043)	110512	50.0000	51
	23	1,2-Dichlorobenzene	146	3.948	3.948	(1.045)	158975	50.0000	50
	24	bis (2-chloroisopropyl) ether	45	4.073	4.073	(1.078)	351134	50.0000	51
	3	2-Methylphenol	108	4.073	4.073	(1.078)	166183	50.0000	55
	104	Acetophenone	105	4.204	4.204	(1.113)	269516	50.0000	52(H)
	25	N-Nitroso-di-n-propylamine	70	4.219	4.219	(1.117)	182683	50.0000	55
	4	4-Methylphenol	108	4.242	4.242	(1.123)	167021	50.0000	54
	123	3 & 4 Methylphenol	108	4.242	4.242	(1.123)	167021	50.0000	54
	26	Hexachloroethane	117	4.285	4.285	(1.134)	91118	50.0000	50
$	76	Nitrobenzene-d5 (SUR)	82	4.358	4.358	(0.858)	260349	50.0000	51
	27	Nitrobenzene	77	4.381	4.381	(0.862)	327581	50.0000	49
	107	N,N-Dimethylaniline	120	4.381	4.381	(1.159)	237007	50.0000	57
	28	Isophorone	82	4.629	4.629	(0.911)	435811	50.0000	51
	5	2-Nitrophenol	139	4.703	4.703	(0.926)	92868	50.0000	54
	6	2,4-Dimethylphenol	122	4.778	4.778	(0.940)	132799	50.0000	52
	29	bis(2-Chloroethoxy)methane	93	4.859	4.859	(0.956)	223469	50.0000	51
	7	2,4-Dichlorophenol	162	4.963	4.963	(0.977)	151019	50.0000	54
	15	Benzoic Acid	122	4.941	4.941	(0.972)	43797	50.0000	31(H)
	30	1,2,4-Trichlorobenzene	180	5.030	5.030	(0.990)	160150	50.0000	52
*	80	Naphthalene-d8	136	5.082	5.082	(1.000)	329994	40.0000	
	31	Naphthalene	128	5.104	5.104	(1.004)	428284	50.0000	53
	32	4-Chloroaniline	127	5.177	5.177	(1.019)	182922	50.0000	55
	33	Hexachlorobutadiene	225	5.244	5.244	(1.032)	94916	50.0000	46
	111	Caprolactam	113	5.577	5.577	(1.097)	49303	50.0000	53
	8	4-Chloro-3-methylphenol	107	5.710	5.710	(1.123)	184939	50.0000	54
	34	2-Methylnaphthalene	142	5.806	5.806	(1.142)	278826	50.0000	52
	120	1-Methylnaphthalene	142	5.908	5.908	(1.163)	305649	50.0000	56
	35	Hexachlorocyclopentadiene	237	5.974	5.974	(0.873)	85530	50.0000	37
	129	1,2,4,5-Tetrachlorobenzene	216	5.981	5.981	(0.874)	166545	50.0000	47
	121	2-tert-Butyl-4-methylphenol	149	6.047	6.047	(1.190)	221652	50.0000	52
	9	2,4,6-Trichlorophenol	196	6.113	6.113	(0.893)	109075	50.0000	48
	10	2,4,5-Trichlorophenol	196	6.158	6.158	(0.900)	119399	50.0000	50
$	77	2-Fluorobiphenyl (SUR)	172	6.188	6.188	(0.904)	350124	50.0000	50
	102	Diphenyl	154	6.284	6.284	(0.918)	366574	50.0000	50
	36	2-Chloronaphthalene	162	6.292	6.292	(0.920)	310853	50.0000	50
	103	Diphenyl Ether	170	6.388	6.388	(0.934)	205058	50.0000	49
	37	2-Nitroaniline	65	6.417	6.417	(0.938)	156605	50.0000	50
	125	1,3-Dimethylnaphthalene	156	6.520	6.520	(0.953)	230134	50.0000	49
	38	Dimethylphthalate	163	6.607	6.607	(0.966)	371975	50.0000	51
	114	Coumarin	146	6.615	6.615	(1.302)	125748	50.0000	60
	40	2,6-Dinitrotoluene	165	6.667	6.667	(0.974)	89868	50.0000	52
	39	Acenaphthylene	152	6.704	6.704	(0.980)	459575	50.0000	50
	41	3-Nitroaniline	138	6.827	6.827	(0.998)	88222	50.0000	54
*	82	Acenaphthene-d10	164	6.842	6.842	(1.000)	219670	40.0000	
	42	Acenaphthene	154	6.878	6.878	(1.005)	268365	50.0000	48
	122	2,6-Di-tert-butyl-p-cresol	205	6.886	6.886	(1.006)	255671	50.0000	49

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77656.d
Report Date: 24-Jun-2012 02:46

	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	6.937	6.937	(1.014)	41112	50.0000	39
	12 4-Nitrophenol	65	7.033	7.033	(1.028)	117597	50.0000	54
	43 Dibenzofuran	168	7.047	7.047	(1.030)	440880	50.0000	50
	44 2,4-Dinitrotoluene	165	7.070	7.070	(1.033)	124613	50.0000	55
	130 2,3,4,6-Tetrachlorophenol	232	7.187	7.187	(1.050)	90773	50.0000	50
	45 Diethylphthalate	149	7.305	7.305	(1.068)	394500	50.0000	52
	47 Fluorene	166	7.385	7.385	(1.079)	352680	50.0000	52
	46 4-Chlorophenyl-phenylether	204	7.392	7.392	(1.081)	165065	50.0000	47
	48 4-Nitroaniline	138	7.444	7.444	(1.088)	89074	50.0000	61
	13 4,6-Dinitro-2-methylphenol	198	7.474	7.474	(0.900)	67299	50.0000	45
	49 N-Nitrosodiphenylamine	169	7.526	7.526	(0.906)	245795	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.556	7.556	(0.910)	611594	50.0000	45
$	18 2,4,6-Tribromophenol (SUR)	330	7.629	7.629	(1.115)	71371	50.0000	52
	50 4-Bromophenyl-phenylether	248	7.873	7.873	(0.948)	97094	50.0000	44
	51 Hexachlorobenzene	284	7.940	7.940	(0.956)	127022	50.0000	46
	112 Atrazine	200	8.066	8.066	(0.971)	110973	50.0000	54
	14 Pentachlorophenol	266	8.138	8.138	(0.980)	69544	50.0000	42
	132 Pentachloronitrobenzene	237	8.153	8.153	(0.982)	54387	50.0000	42
	115 n-Octadecane	57	8.240	8.240	(0.992)	321322	50.0000	45
*	83 Phenanthrene-d10	188	8.306	8.306	(1.000)	381236	40.0000	
	52 Phenanthrene	178	8.329	8.329	(1.003)	511685	50.0000	48
	53 Anthracene	178	8.381	8.381	(1.009)	487207	50.0000	45
	54 Carbazole	167	8.551	8.551	(1.029)	462123	50.0000	50
	55 Di-n-butylphthalate	149	8.904	8.904	(1.072)	692246	50.0000	51
	56 Fluoranthene	202	9.498	9.498	(1.143)	555198	50.0000	51
	58 Benzidine	184	9.637	9.637	(1.160)	152614	50.0000	69
	57 Pyrene	202	9.718	9.718	(0.886)	569629	50.0000	47
$	78 Terphenyl-d14	244	9.881	9.881	(0.901)	360388	50.0000	44
	59 Butylbenzylphthalate	149	10.375	10.375	(0.946)	293786	50.0000	48
	124 Carbamazepine	193	10.484	10.484	(0.956)	186837	50.0000	50
	60 3,3'-Dichlorobenzidine	252	10.941	10.941	(0.997)	170372	50.0000	60
	61 Benzo(a)anthracene	228	10.948	10.948	(0.998)	451787	50.0000	47
*	81 Chrysene-d12	240	10.970	10.970	(1.000)	328999	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.015	11.015	(1.004)	384257	50.0000	49
	62 Chrysene	228	11.000	11.000	(1.003)	388488	50.0000	46
	64 Di-n-octylphthalate	149	11.803	11.803	(0.926)	606735	50.0000	47
	65 Benzo(b)fluoranthene	252	12.259	12.259	(0.962)	383279	50.0000	43
	66 Benzo(k)fluoranthene	252	12.296	12.296	(0.965)	375352	50.0000	46
	67 Benzo(a)pyrene	252	12.677	12.677	(0.995)	308164	50.0000	49
*	84 Perylene-d12	264	12.744	12.744	(1.000)	238599	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.140	14.140	(1.110)	295596	50.0000	44(M)
	69 Dibenz(a,h)anthracene	278	14.170	14.170	(1.112)	287332	50.0000	49
	70 Benzo(g,h,i)perylene	276	14.494	14.494	(1.137)	299555	50.0000	51

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77656.d
Report Date: 24-Jun-2012 02:46

QC Flag Legend

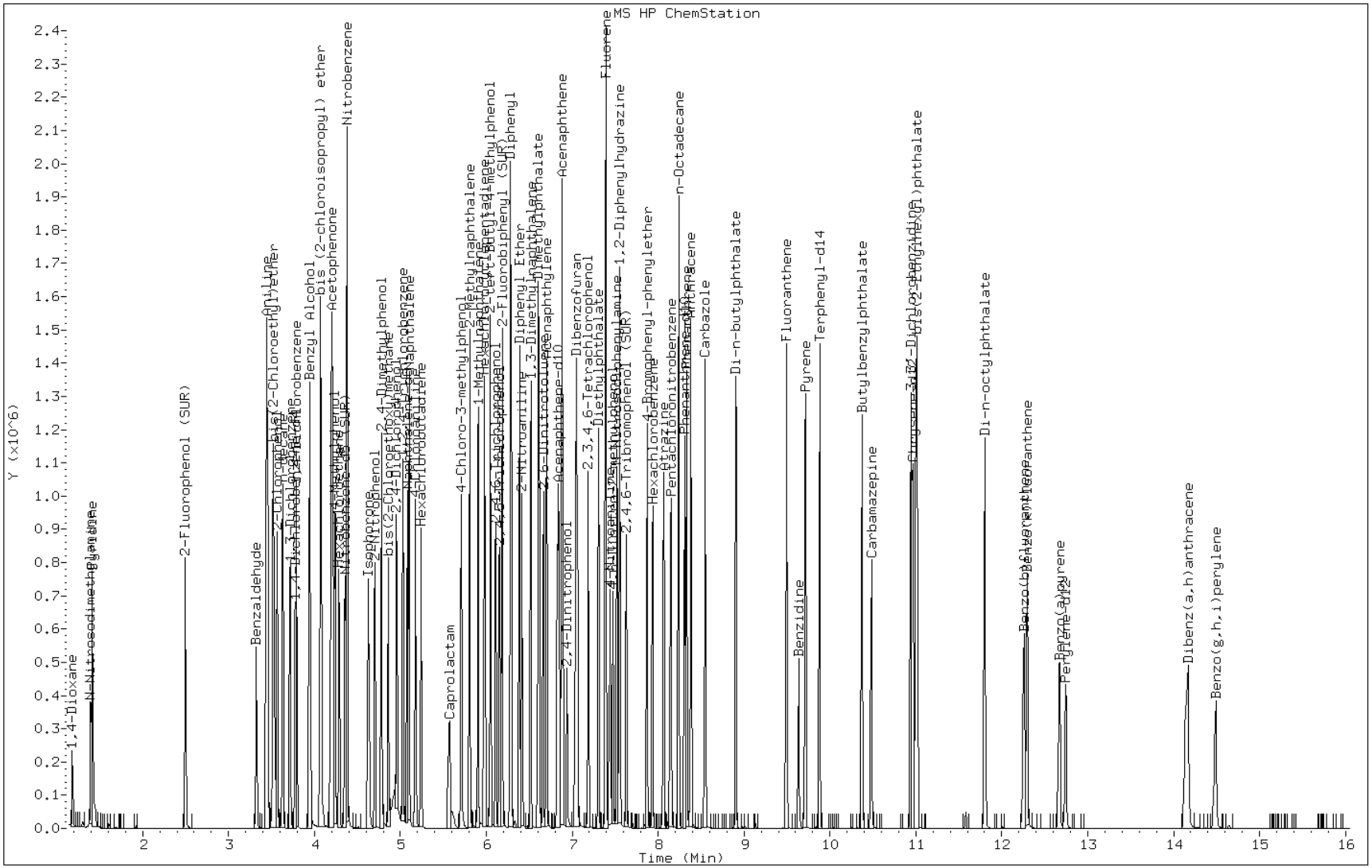
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77656.d

Date: 24-JUN-2012 02:11

Client ID: Instrument: BNAMS4.i

Sample Info: CCVIS-1519304 Operator: BNAMS 4



Manual Integration Report

Data File: u77656.d
Inj. Date and Time: 24-JUN-2012 02:11
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/25/2012

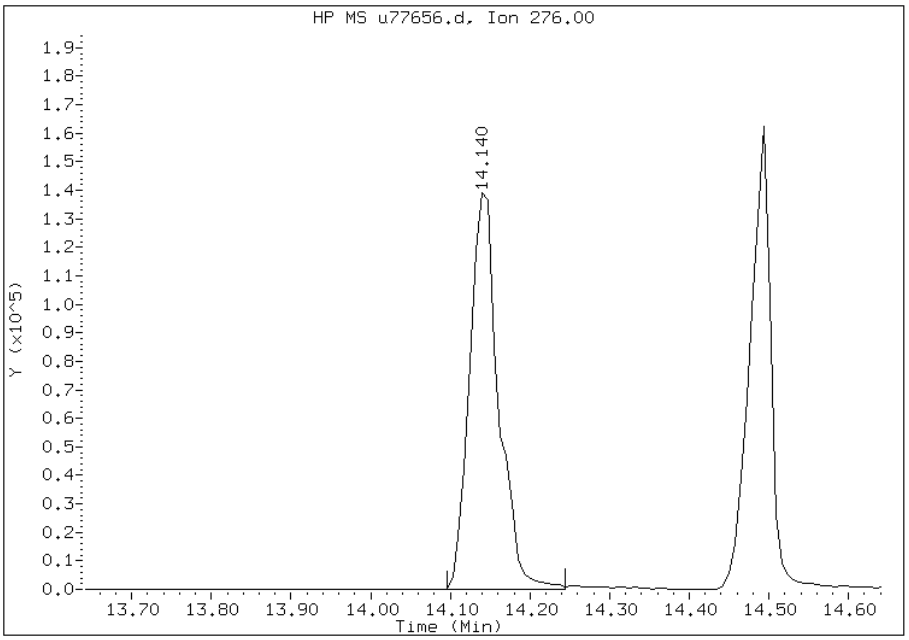
Processing Integration Results

RT: 14.14

Response: 350889

Amount: 53

Conc: 53



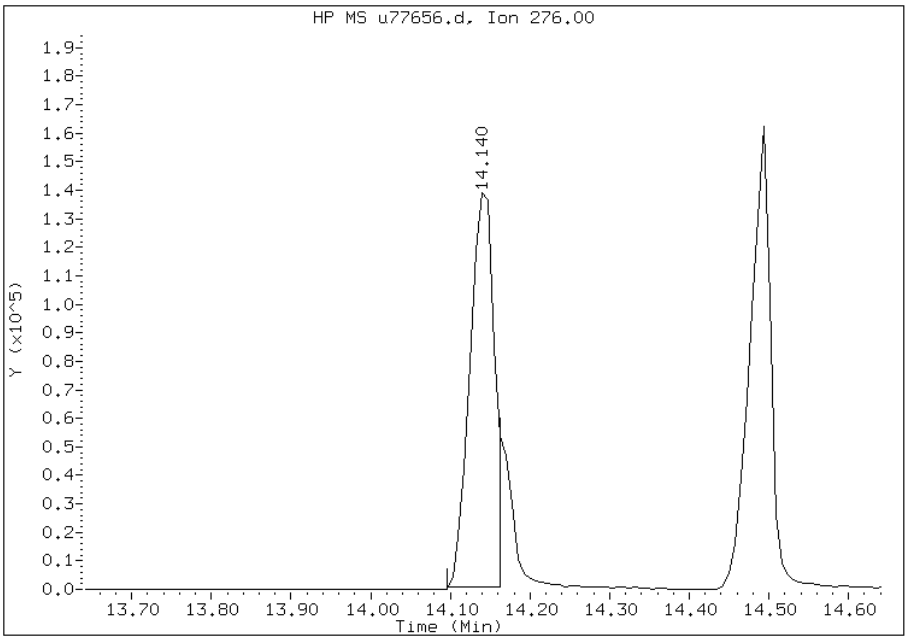
Manual Integration Results

RT: 14.14

Response: 295596

Amount: 44

Conc: 44



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30760.d
Report Date: 06-Jun-2012 12:05

TestAmerica

Data file : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30760.d
Lab Smp Id: DFTPP-1427854
Inj Date : 06-JUN-2012 11:51
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1427854
Misc Info : bna 4642
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/06jun12.b/BNADFTPP.m
Meth Date : 27-May-2012 09:47 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

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.711	4.890	-0.179	198	32490			0.00- 100.00	100.00
4.711	4.890	-0.179	51	13978			30.00- 60.00	43.02
4.711	4.890	-0.179	68	0			0.00- 2.00	0.00
4.711	4.890	-0.179	69	15326			0.00- 0.00	47.17
4.711	4.890	-0.179	70	0			0.00- 2.00	0.00
4.711	4.890	-0.179	127	17622			40.00- 60.00	54.24
4.711	4.890	-0.179	197	0			0.00- 1.00	0.00
4.711	4.890	-0.179	199	2224			5.00- 9.00	6.85
4.711	4.890	-0.179	275	8543			10.00- 30.00	26.29
4.711	4.890	-0.179	365	1082			1.00- 0.00	3.33
4.711	4.890	-0.179	441	3580			0.01- 100.00	73.88
4.711	4.890	-0.179	442	25558			40.00- 110.00	78.66
4.711	4.890	-0.179	443	4846			17.00- 23.00	18.96

Data File: p30760.d

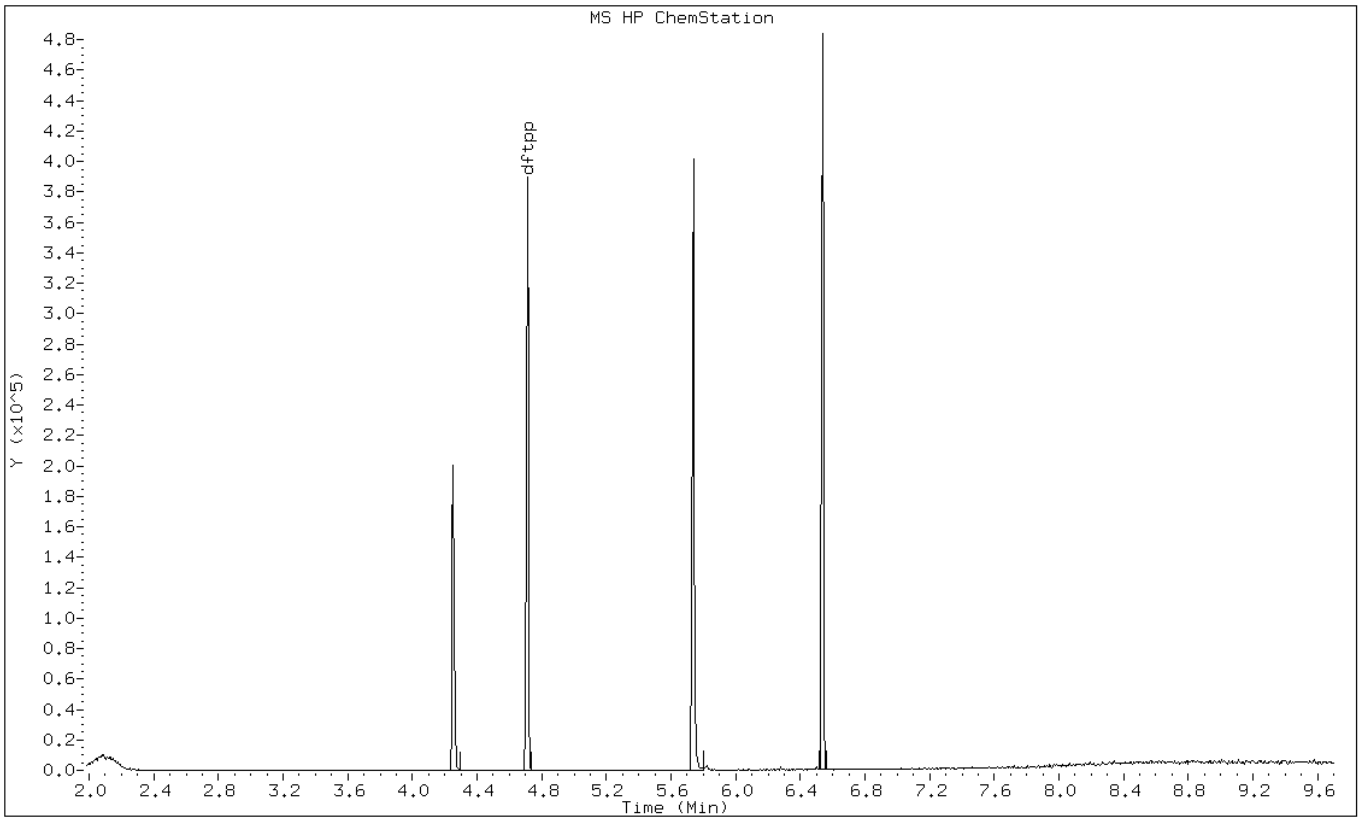
Date: 06-JUN-2012 11:51

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1427854

Operator: BNA2



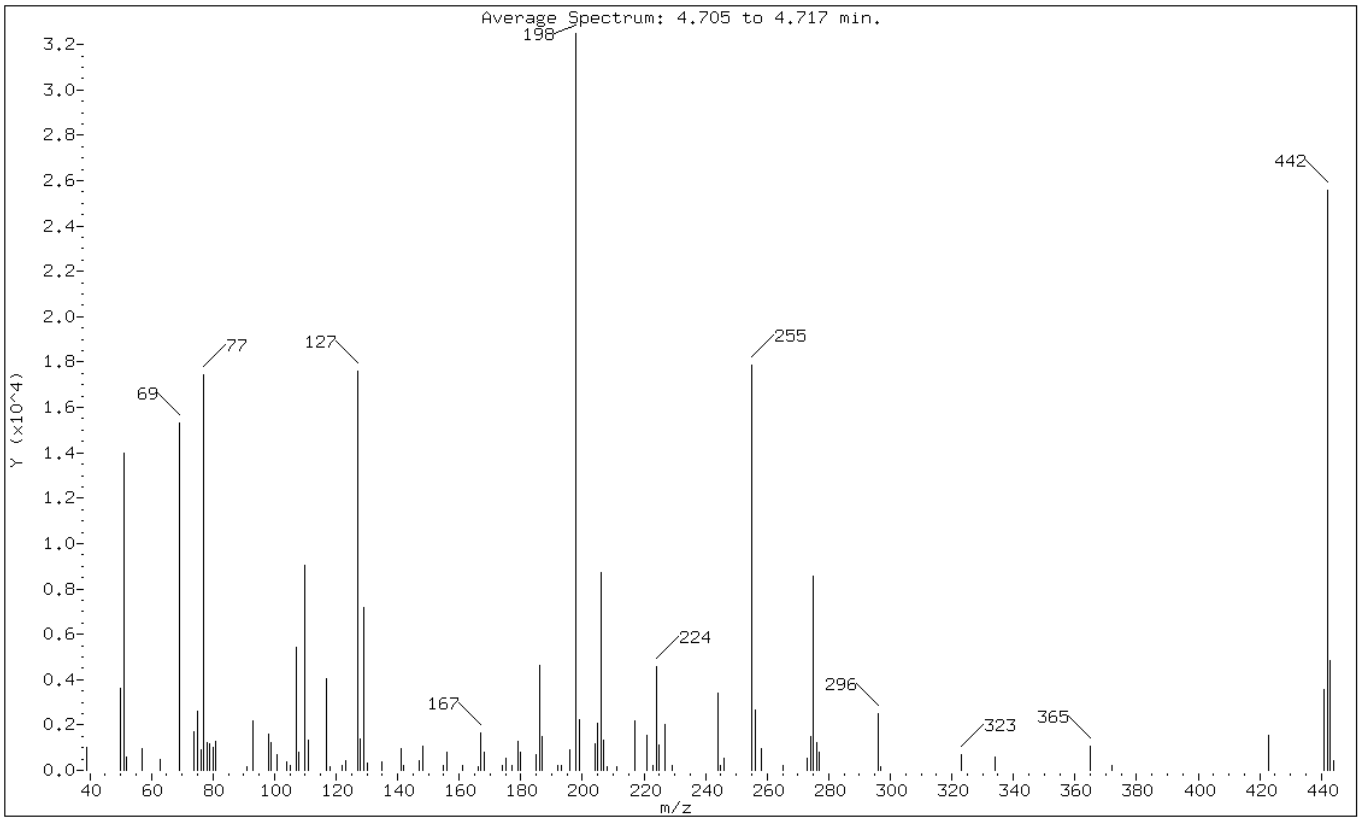
Data File: p30760.d

Date: 06-JUN-2012 11:51

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	43.02
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	47.17
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.24
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.85
275	10.00 - 30.00% of mass 198	26.29
365	Greater than 1.00% of mass 198	3.33
441	0.01 - 100.00% of mass 443	11.02 (73.88)
442	40.00 - 110.00% of mass 198	78.66
443	17.00 - 23.00% of mass 442	14.92 (18.96)

Data File: p30760.d

Date: 06-JUN-2012 11:51

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/06-06-12/06jun12.b/p30760.d
Spectrum: Average Spectrum: 4.705 to 4.717 min.
Location of Maximum: 198.00
Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1018	110.00	9053	179.00	1259	245.00	215
50.00	3610	111.00	1305	180.00	814	246.00	548
51.00	13978	117.00	4063	185.00	702	255.00	17888
52.00	572	118.00	168	186.00	4617	256.00	2662
57.00	942	122.00	218	187.00	1508	258.00	976
63.00	502	123.00	405	192.00	207	265.00	209
69.00	15326	127.00	17616	193.00	228	273.00	518
74.00	1723	128.00	1403	196.00	912	274.00	1507
75.00	2623	129.00	7187	198.00	32488	275.00	8543
76.00	925	130.00	338	199.00	2224	276.00	1233
77.00	17440	135.00	374	204.00	1192	277.00	802
78.00	1248	141.00	941	205.00	2048	296.00	2515
79.00	1151	142.00	198	206.00	8701	297.00	172
80.00	986	147.00	449	207.00	1351	323.00	699
81.00	1260	148.00	1045	208.00	178	334.00	575
91.00	167	155.00	230	211.00	170	365.00	1082
93.00	2191	156.00	794	217.00	2178	372.00	215
98.00	1578	161.00	191	221.00	1561	423.00	1567
99.00	1238	166.00	172	223.00	208	441.00	3580
101.00	695	167.00	1664	224.00	4574	442.00	25552
104.00	378	168.00	812	225.00	1116	443.00	4846
105.00	233	174.00	199	227.00	1998	444.00	409
107.00	5423	175.00	534	229.00	224		
108.00	803	177.00	195	244.00	3400		

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31236.d
Report Date: 22-Jun-2012 02:20

TestAmerica

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31236.d
Lab Smp Id: DFTPP-1427854
Inj Date : 22-JUN-2012 02:03
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-1427854
Misc Info : bna 4642
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/BNADFTPP.m
Meth Date : 08-Jun-2012 13:55 monica 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 #:		
4.482	4.700	-0.218	198	21106			0.00- 100.00	100.00
4.482	4.700	-0.218	51	10184			30.00- 60.00	48.25
4.482	4.700	-0.218	68	0			0.00- 2.00	0.00
4.482	4.700	-0.218	69	11028			0.00- 0.00	52.25
4.482	4.700	-0.218	70	0			0.00- 2.00	0.00
4.482	4.700	-0.218	127	11395			40.00- 60.00	53.99
4.482	4.700	-0.218	197	0			0.00- 1.00	0.00
4.482	4.700	-0.218	199	1465			5.00- 9.00	6.94
4.482	4.700	-0.218	275	5693			10.00- 30.00	26.97
4.482	4.700	-0.218	365	780			1.00- 0.00	3.70
4.482	4.700	-0.218	441	2378			0.01- 100.00	74.69
4.482	4.700	-0.218	442	16563			40.00- 110.00	78.48
4.482	4.700	-0.218	443	3184			17.00- 23.00	19.22

Data File: p31236.d

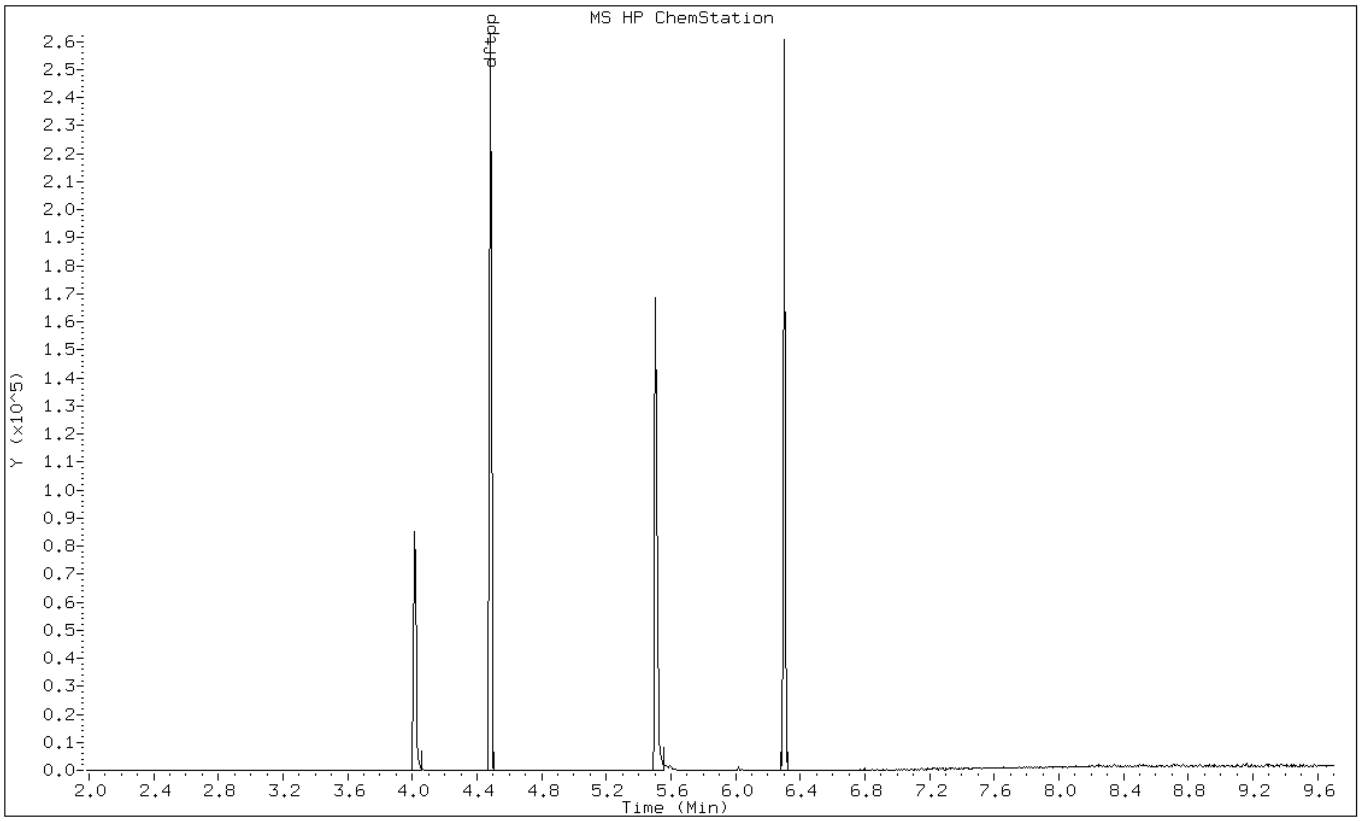
Date: 22-JUN-2012 02:03

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1427854

Operator: BNAMS3



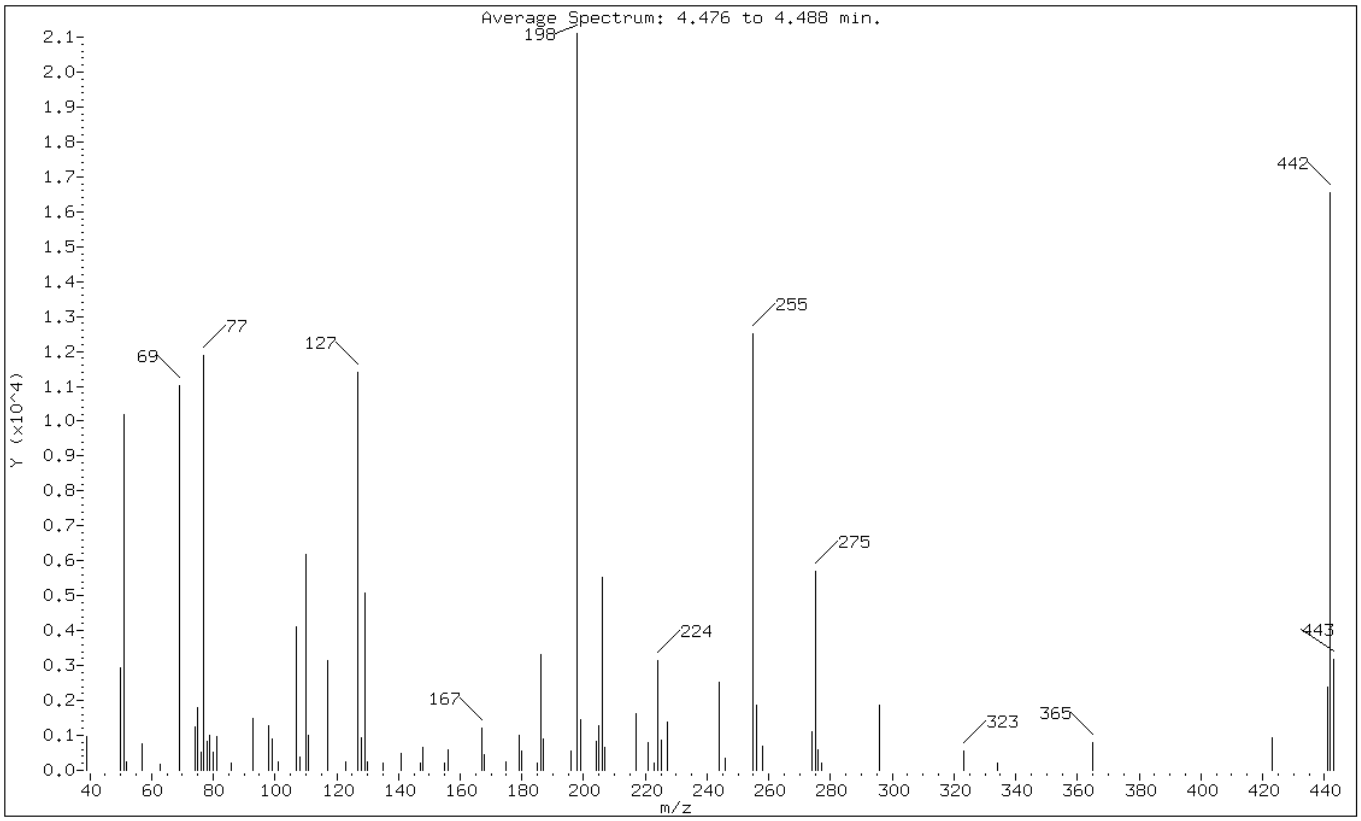
Data File: p31236.d

Date: 22-JUN-2012 02:03

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	48.25
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	52.25
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.99
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.94
275	10.00 - 30.00% of mass 198	26.97
365	Greater than 1.00% of mass 198	3.70
441	0.01 - 100.00% of mass 443	11.27 (74.69)
442	40.00 - 110.00% of mass 198	78.48
443	17.00 - 23.00% of mass 442	15.09 (19.22)

Data File: p31236.d

Date: 22-JUN-2012 02:03

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1427854

Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31236.d
Spectrum: Average Spectrum: 4.476 to 4.488 min.
Location of Maximum: 198.00
Number of points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	973	101.00	252	175.00	225	244.00	2520
50.00	2949	107.00	4104	179.00	989	246.00	359
51.00	10184	108.00	378	180.00	563	255.00	12514
52.00	246	110.00	6177	185.00	211	256.00	1861
57.00	776	111.00	1005	186.00	3312	258.00	694
63.00	179	117.00	3129	187.00	914	274.00	1117
69.00	11028	123.00	230	196.00	536	275.00	5693
74.00	1254	127.00	11395	198.00	21104	276.00	597
75.00	1789	128.00	948	199.00	1465	277.00	222
76.00	530	129.00	5071	204.00	837	296.00	1880
77.00	11894	130.00	245	205.00	1277	323.00	536
78.00	827	135.00	201	206.00	5526	334.00	198
79.00	994	141.00	485	207.00	639	365.00	780
80.00	515	147.00	204	217.00	1637	423.00	943
81.00	962	148.00	656	221.00	807	441.00	2378
86.00	200	155.00	202	223.00	218	442.00	16560
93.00	1496	156.00	586	224.00	3159	443.00	3184
98.00	1264	167.00	1210	225.00	847		
99.00	893	168.00	441	227.00	1377		

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77565.d
Report Date: 20-Jun-2012 17:37

TestAmerica

Data file : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77565.d
Lab Smp Id: DFTPP-1427854
Inj Date : 20-JUN-2012 15:28
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1427854
Misc Info : 25ng/uL DFTPP Lot 4642
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/BNADFTPP.m
Meth Date : 27-May-2012 09:51 czhao 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

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.558	5.000	-0.442	198	139554			0.00- 100.00	100.00
4.558	5.000	-0.442	51	74144			30.00- 60.00	53.13
4.558	5.000	-0.442	68	0			0.00- 2.00	0.00
4.558	5.000	-0.442	69	98589			0.00- 0.00	70.65
4.558	5.000	-0.442	70	362			0.00- 2.00	0.37
4.558	5.000	-0.442	127	67050			40.00- 60.00	48.05
4.558	5.000	-0.442	197	0			0.00- 1.00	0.00
4.558	5.000	-0.442	199	10185			5.00- 9.00	7.30
4.558	5.000	-0.442	275	28736			10.00- 30.00	20.59
4.558	5.000	-0.442	365	3976			1.00- 0.00	2.85
4.558	5.000	-0.442	441	12888			0.01- 100.00	76.67
4.558	5.000	-0.442	442	82373			40.00- 110.00	59.03
4.558	5.000	-0.442	443	16810			17.00- 23.00	20.41

Data File: u77565.d

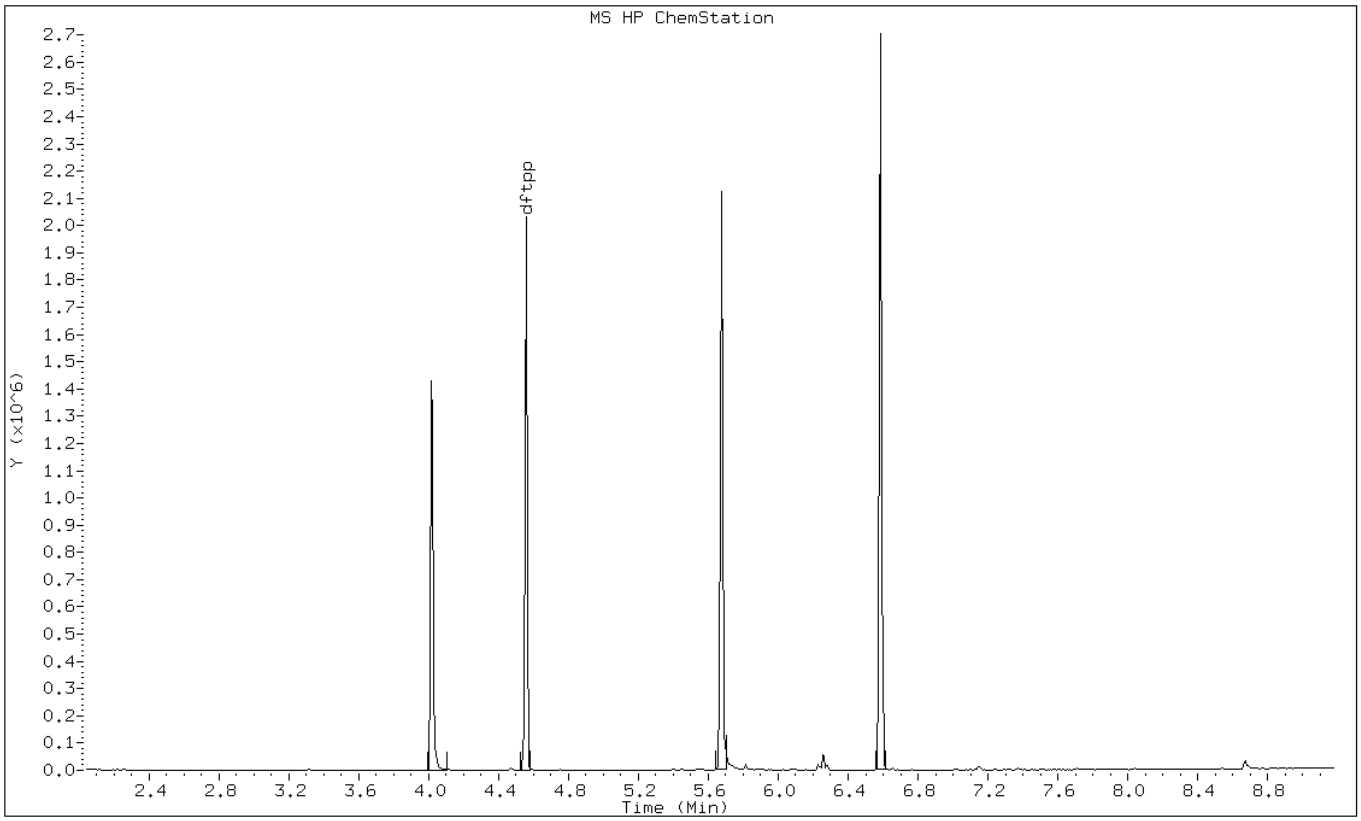
Date: 20-JUN-2012 15:28

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1427854

Operator: BNA2



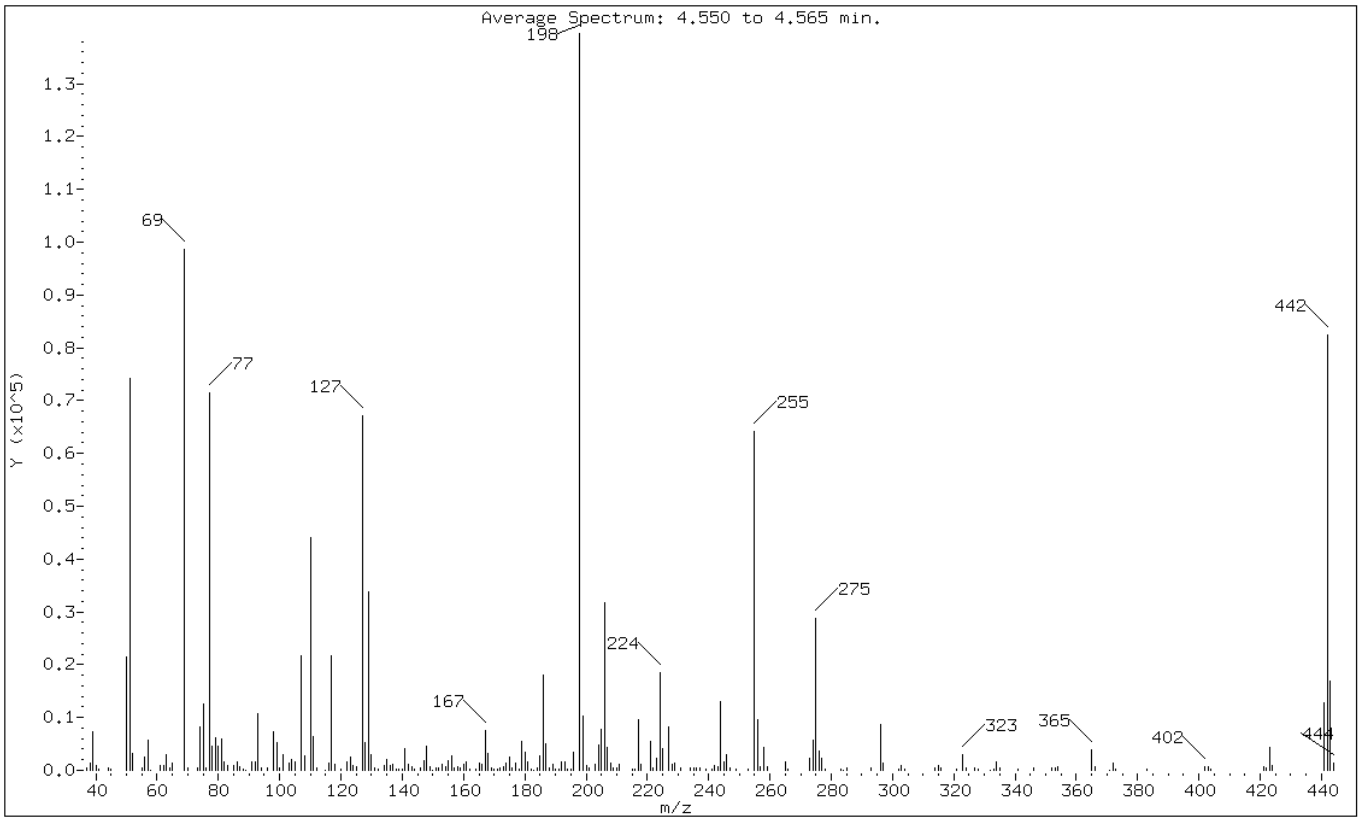
Data File: u77565.d

Date: 20-JUN-2012 15:28

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	53.13
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	70.65
70	Less than 2.00% of mass 69	0.26 (0.37)
127	40.00 - 60.00% of mass 198	48.05
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.30
275	10.00 - 30.00% of mass 198	20.59
365	Greater than 1.00% of mass 198	2.85
441	0.01 - 100.00% of mass 443	9.24 (76.67)
442	40.00 - 110.00% of mass 198	59.03
443	17.00 - 23.00% of mass 442	12.05 (20.41)

Data File: u77565.d

Date: 20-JUN-2012 15:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b/u77565.d
Spectrum: Average Spectrum: 4.550 to 4.565 min.
Location of Maximum: 198.00
Number of points: 226

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	365	118.00	1163	181.00	1618	256.00	9562
38.00	1347	120.00	130	182.00	117	257.00	601
39.00	7345	122.00	1633	183.00	113	258.00	4286
40.00	894	123.00	2607	184.00	513	259.00	668
41.00	172	124.00	871	185.00	2687	265.00	1677
44.00	422	125.00	766	186.00	17992	266.00	240
45.00	234	127.00	67048	187.00	4912	273.00	2284
50.00	21448	128.00	5273	188.00	484	274.00	5807
51.00	74144	129.00	33784	189.00	1146	275.00	28736
52.00	3122	130.00	2862	190.00	259	276.00	3695
55.00	499	131.00	498	191.00	157	277.00	2362
56.00	2522	132.00	307	192.00	1532	278.00	195
57.00	5791	134.00	940	193.00	1571	283.00	201
58.00	106	135.00	2040	194.00	292	284.00	112
61.00	856	136.00	956	195.00	121	285.00	409
62.00	987	137.00	1057	196.00	3326	293.00	430
63.00	2937	138.00	180	198.00	139520	296.00	8744
64.00	344	139.00	130	199.00	10185	297.00	1328
65.00	1426	140.00	325	200.00	814	302.00	120
69.00	98584	141.00	4058	201.00	559	303.00	940
70.00	362	142.00	1145	203.00	1079	304.00	149
73.00	555	143.00	645	204.00	4757	314.00	355
74.00	8138	144.00	120	205.00	7834	315.00	895
75.00	12584	146.00	569	206.00	31704	316.00	391
76.00	480	147.00	1905	207.00	4243	321.00	135
77.00	71544	148.00	4608	208.00	1278	323.00	3018
78.00	4604	149.00	766	209.00	391	324.00	524
79.00	6222	150.00	106	210.00	559	327.00	366
80.00	4552	151.00	537	211.00	1226	328.00	182
81.00	6035	152.00	374	215.00	182	332.00	111
82.00	1528	153.00	1169	216.00	139	333.00	129
83.00	986	154.00	625	217.00	9646	334.00	1683
85.00	978	155.00	1902	218.00	1159	335.00	380
86.00	1651	156.00	2652	221.00	5439	341.00	169
87.00	580	157.00	489	222.00	432	346.00	401
88.00	146	158.00	607	223.00	2238	352.00	550
89.00	109	159.00	437	224.00	18448	353.00	522
91.00	1634	160.00	1135	225.00	4062	354.00	705
92.00	1593	161.00	1499	227.00	8280	365.00	3976
93.00	10663	162.00	199	228.00	1231	366.00	620

94.00	463	164.00	322	229.00	1386	371.00	100
96.00	435	165.00	1432	231.00	423	372.00	1452
98.00	7218	166.00	1147	234.00	493	373.00	161
99.00	5344	167.00	7540	235.00	397	383.00	259
100.00	506	168.00	3210	236.00	343	402.00	680
101.00	2946	169.00	546	237.00	377	403.00	576
103.00	1257	170.00	165	239.00	288	404.00	155
104.00	2014	171.00	244	241.00	253	421.00	592
105.00	1689	172.00	566	242.00	862	422.00	423
107.00	21712	173.00	686	243.00	601	423.00	4359
108.00	2628	174.00	1395	244.00	13052	424.00	821
110.00	44112	175.00	2432	245.00	1644	441.00	12888
111.00	6313	176.00	475	246.00	2896	442.00	82368
112.00	556	177.00	1343	247.00	408	443.00	16808
115.00	113	178.00	194	249.00	200	444.00	1456
116.00	1323	179.00	5468	253.00	132		
117.00	21736	180.00	3413	255.00	64224		

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77655.d
Report Date: 24-Jun-2012 02:06

TestAmerica

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77655.d
Lab Smp Id: DFTPP-1427854
Inj Date : 24-JUN-2012 01:44
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-1427854
Misc Info : 25ng/uL DFTPP Lot 4642
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.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 #:		
4.507	4.500	0.007	198	105805			0.00- 100.00	100.00
4.507	4.500	0.007	51	59333			30.00- 60.00	56.08
4.507	4.500	0.007	68	0			0.00- 2.00	0.00
4.507	4.500	0.007	69	76168			0.00- 0.00	71.99
4.507	4.500	0.007	70	193			0.00- 2.00	0.25
4.507	4.500	0.007	127	54338			40.00- 60.00	51.36
4.507	4.500	0.007	197	0			0.00- 1.00	0.00
4.507	4.500	0.007	199	7328			5.00- 9.00	6.93
4.507	4.500	0.007	275	20928			10.00- 30.00	19.78
4.507	4.500	0.007	365	2642			1.00- 0.00	2.50
4.507	4.500	0.007	441	8181			0.01- 100.00	75.76
4.507	4.500	0.007	442	53328			40.00- 110.00	50.40
4.507	4.500	0.007	443	10798			17.00- 23.00	20.25

Data File: u77655.d

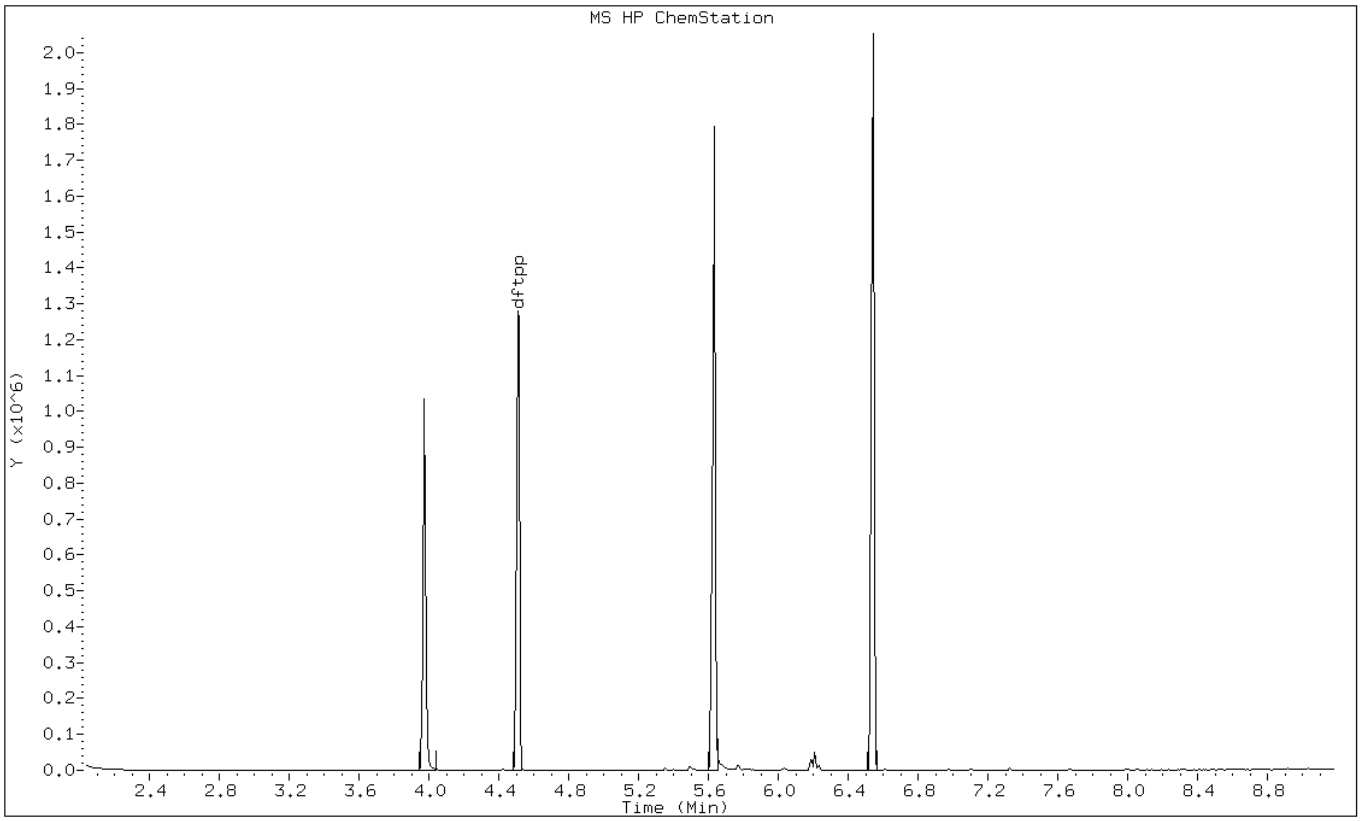
Date: 24-JUN-2012 01:44

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1427854

Operator: BNAMS3



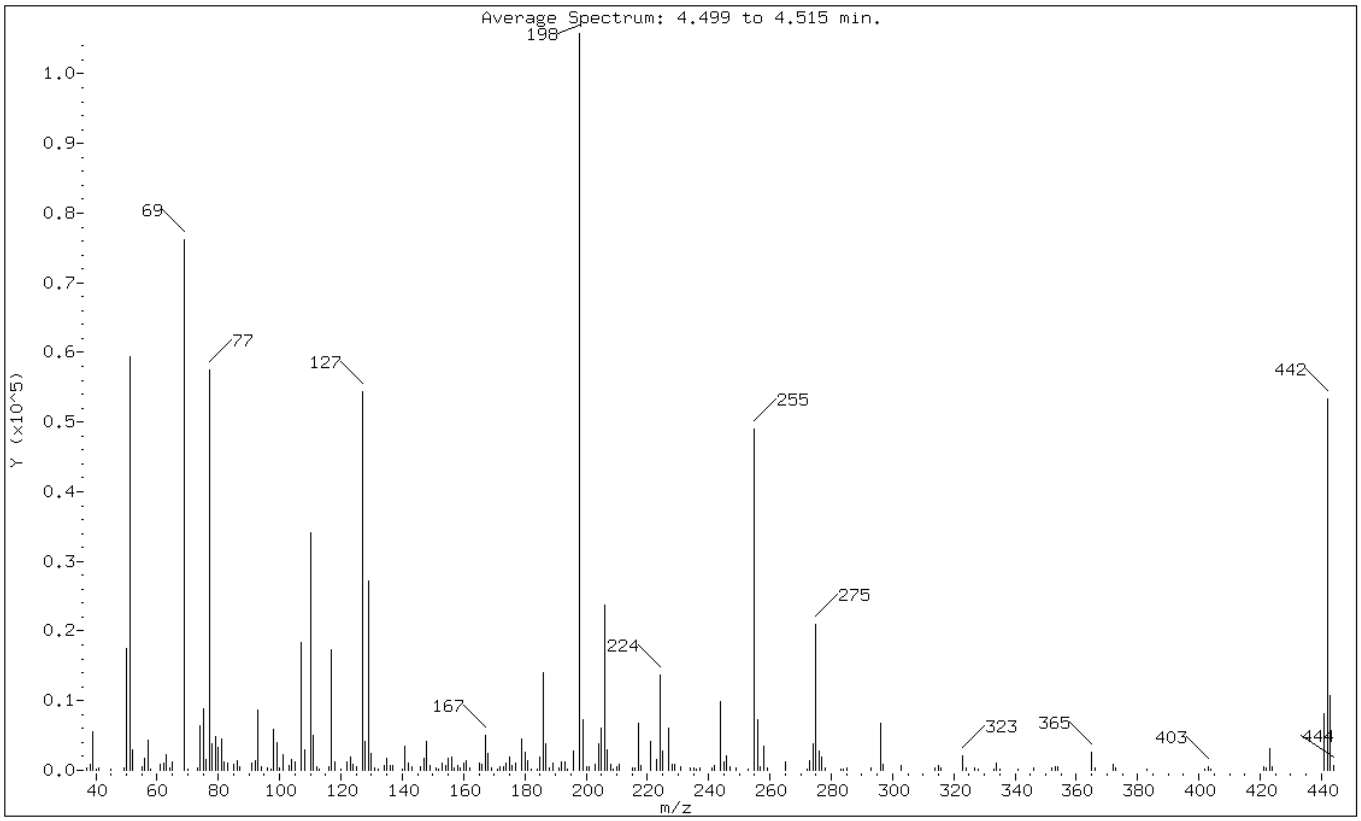
Data File: u77655.d

Date: 24-JUN-2012 01:44

Client ID: Instrument: BNAMS4.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	56.08
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	71.99
70	Less than 2.00% of mass 69	0.18 (0.25)
127	40.00 - 60.00% of mass 198	51.36
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	19.78
365	Greater than 1.00% of mass 198	2.50
441	0.01 - 100.00% of mass 443	7.73 (75.76)
442	40.00 - 110.00% of mass 198	50.40
443	17.00 - 23.00% of mass 442	10.21 (20.25)

Data File: u77655.d

Date: 24-JUN-2012 01:44

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1427854 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77655.d
Spectrum: Average Spectrum: 4.499 to 4.515 min.
Location of Maximum: 198.00
Number of points: 207

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	389	112.00	524	179.00	4462	255.00	49024
38.00	845	113.00	126	180.00	2660	256.00	7351
39.00	5455	116.00	553	181.00	1307	257.00	433
40.00	259	117.00	17360	182.00	100	258.00	3379
41.00	394	118.00	1189	184.00	254	259.00	414
45.00	113	120.00	112	185.00	1904	265.00	1279
49.00	322	122.00	1233	186.00	14009	272.00	106
50.00	17432	123.00	1828	187.00	3817	273.00	1409
51.00	59328	124.00	938	188.00	333	274.00	3793
52.00	2869	125.00	565	189.00	1006	275.00	20928
55.00	561	127.00	54336	191.00	365	276.00	2844
56.00	1810	128.00	4167	192.00	1272	277.00	1946
57.00	4280	129.00	27224	193.00	1278	278.00	290
58.00	136	130.00	2383	194.00	113	283.00	218
61.00	873	131.00	330	196.00	2763	284.00	129
62.00	966	132.00	127	198.00	105800	285.00	286
63.00	2185	134.00	702	199.00	7328	293.00	335
64.00	287	135.00	1786	200.00	463	296.00	6672
65.00	1155	136.00	768	201.00	504	297.00	878
69.00	76168	137.00	632	203.00	848	303.00	644
70.00	193	140.00	127	204.00	3734	314.00	310
73.00	392	141.00	3442	205.00	5992	315.00	638
74.00	6459	142.00	982	206.00	23784	316.00	353
75.00	8890	143.00	561	207.00	2936	323.00	2094
76.00	1635	146.00	580	208.00	950	324.00	321
77.00	57440	147.00	1647	209.00	102	327.00	289
78.00	3762	148.00	4129	210.00	487	328.00	113
79.00	4784	149.00	719	211.00	907	333.00	122
80.00	3356	151.00	309	215.00	260	334.00	1009
81.00	4462	152.00	129	216.00	354	335.00	157
82.00	1189	153.00	1081	217.00	6783	341.00	141
83.00	1023	154.00	670	218.00	692	346.00	325
85.00	813	155.00	1661	221.00	4072	352.00	378
86.00	1464	156.00	1990	223.00	1517	353.00	462
87.00	439	157.00	400	224.00	13698	354.00	436
91.00	1094	158.00	637	225.00	2710	365.00	2642
92.00	1317	159.00	307	227.00	6074	366.00	351
93.00	8657	160.00	1035	228.00	888	372.00	914
94.00	461	161.00	1382	229.00	935	373.00	265
96.00	275	162.00	271	231.00	441	383.00	121

97.00	103	165.00	1070	234.00	354	402.00	236
98.00	5943	166.00	931	235.00	301	403.00	441
99.00	4066	167.00	4976	236.00	242	404.00	126
100.00	309	168.00	2490	237.00	350	421.00	434
101.00	2212	169.00	345	241.00	374	422.00	335
103.00	713	171.00	125	242.00	640	423.00	3059
104.00	1523	172.00	470	244.00	9809	424.00	477
105.00	1222	173.00	490	245.00	1130	441.00	8181
107.00	18320	174.00	954	246.00	2126	442.00	53328
108.00	2876	175.00	1930	247.00	506	443.00	10798
110.00	34072	176.00	611	249.00	325	444.00	753
111.00	5010	177.00	1002	253.00	100		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116951/1-A

Matrix: Solid | Lab File ID: u77658.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:13

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116951/1-A

Matrix: Solid | Lab File ID: u77658.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:13

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.: 117392 | 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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116951/1-A

Matrix: Solid | Lab File ID: u77658.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:13

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	96		41-118
1718-51-0	Terphenyl-d14	83		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	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116951/1-A

Matrix: Solid | Lab File ID: u77658.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:13

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.: 117392 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 4454

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.21	4110	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.46	344	J

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77658.d
Report Date: 26-Jun-2012 17:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77658.d
Lab Smp Id: MB 460-116951/1-A
Inj Date : 24-JUN-2012 03:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-116951/1-A
Misc Info : MB 460-116951/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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	2.511	2.499	(0.666)	216322	98.4992	6600
$ 17 Phenol-d5 (SUR)	99	3.434	3.448	(0.910)	312005	96.2253	6400
* 79 1,4-Dichlorobenzene-d4	152	3.772	3.778	(1.000)	64969	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.358	(0.856)	153004	40.0899	2700
* 80 Naphthalene-d8	136	5.075	5.082	(1.000)	247428	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.177	6.188	(0.903)	224346	42.1069	2800
* 82 Acenaphthene-d10	164	6.839	6.842	(1.000)	167989	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.625	7.629	(1.115)	78481	75.3324	5000
* 83 Phenanthrene-d10	188	8.302	8.306	(1.000)	329474	40.0000	
$ 78 Terphenyl-d14	244	9.876	9.881	(0.901)	306410	41.3174	2800
* 81 Chrysene-d12	240	10.959	10.970	(1.000)	295847	40.0000	
* 84 Perylene-d12	264	12.741	12.744	(1.000)	273436	40.0000	

Data File: u77658.d

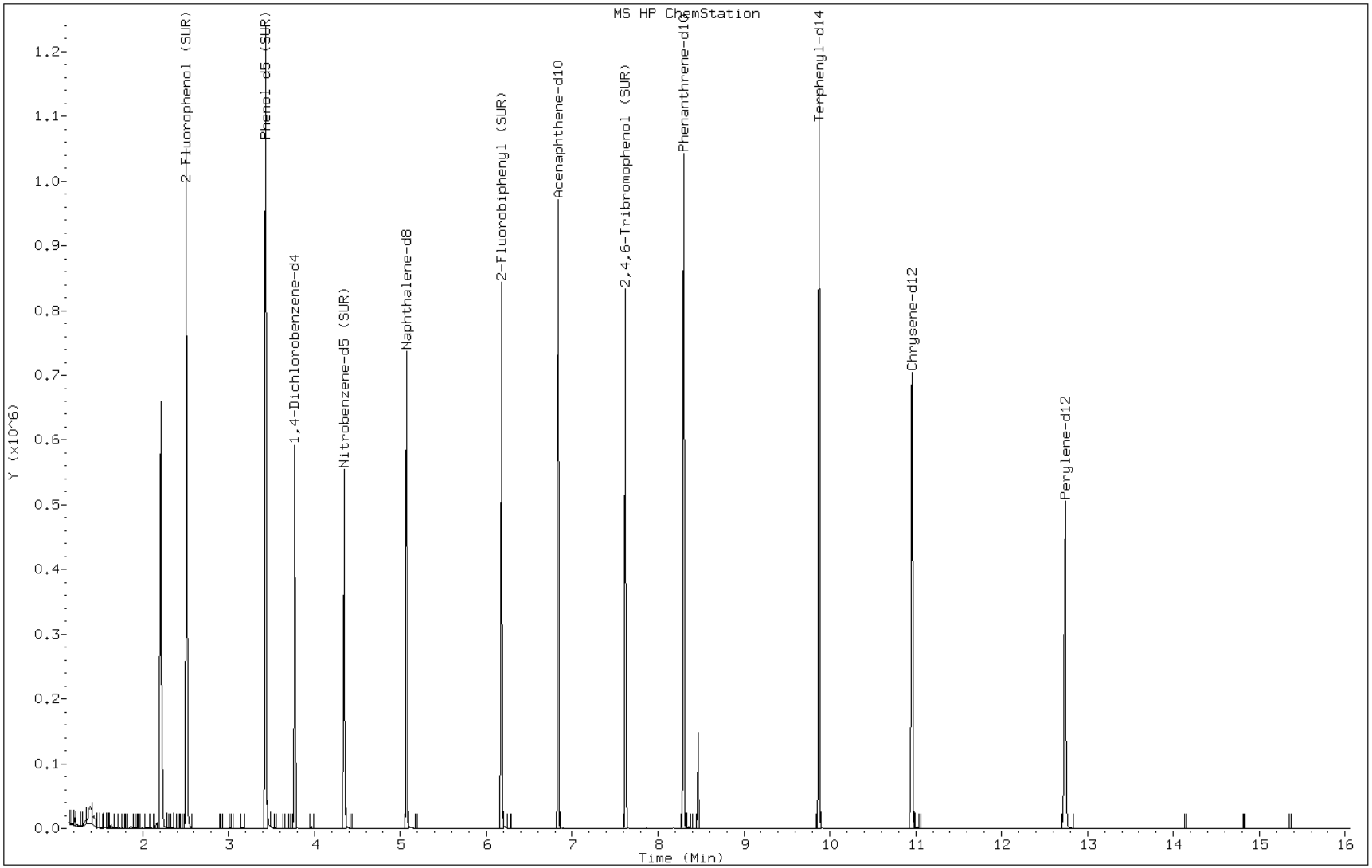
Date: 24-JUN-2012 03:13

Client ID:

Instrument: BNAMS4.i

Sample Info: MB 460-116951/1-A

Operator: BNAMS 4



Data File: u77658.d

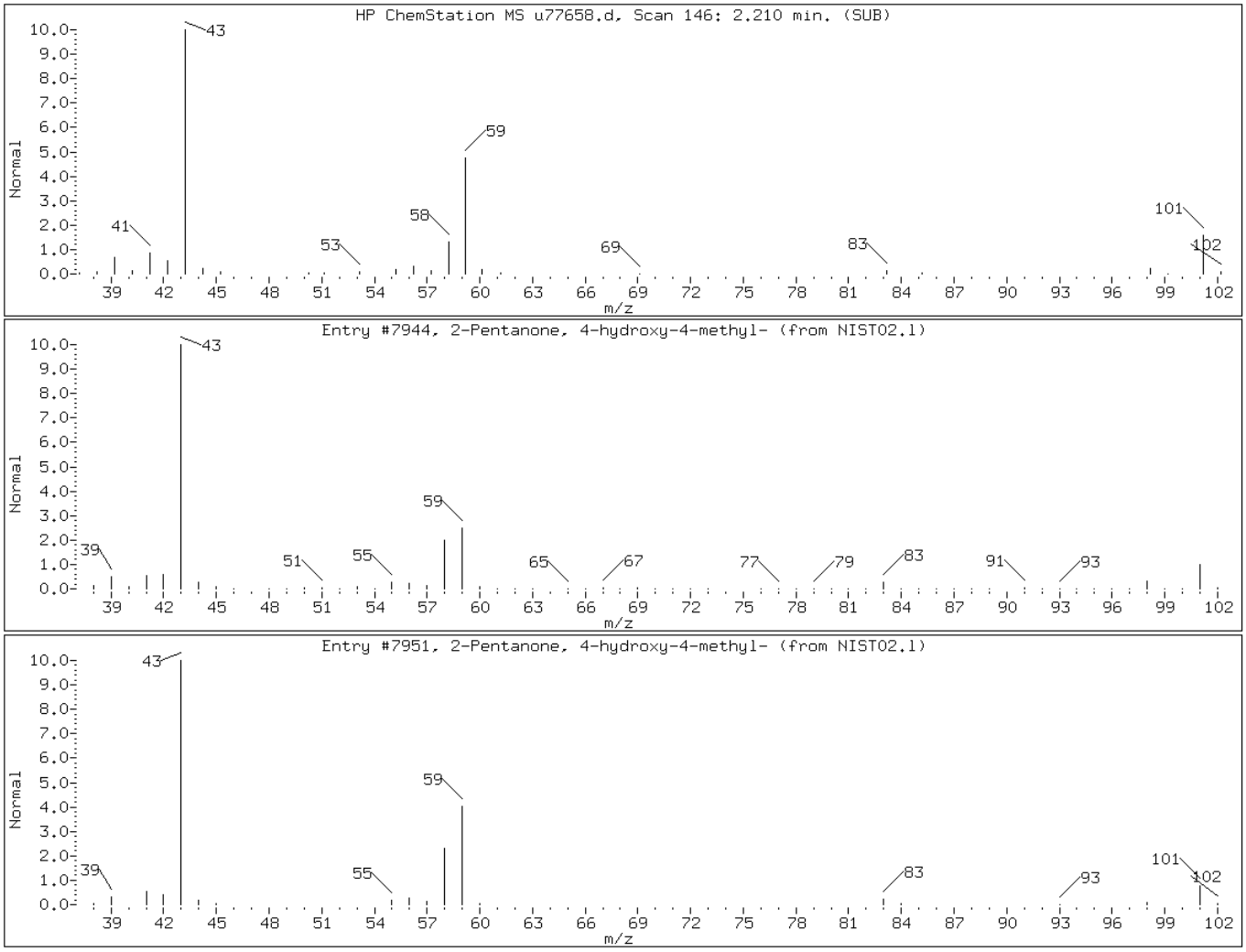
Date: 24-JUN-2012 03:13

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-116951/1-A Operator: BNAMS 4

Retention Time: 2.21

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	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	45	C6H12O2	116



Data File: u77658.d

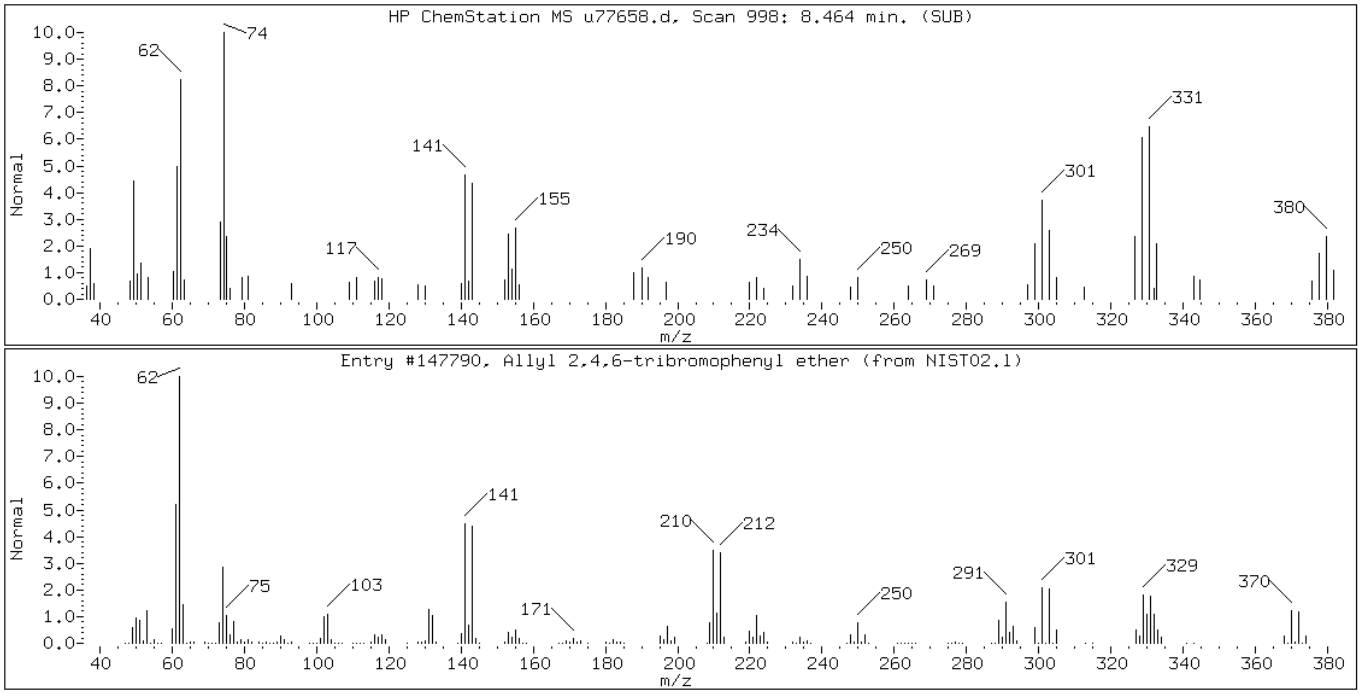
Date: 24-JUN-2012 03:13

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-116951/1-A Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Allyl 2,4,6-tribromophenyl ether	3278-89-5	NIST02.l	147790	43	C9H7Br3O	368



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116952/1-A

Matrix: Solid | Lab File ID: p31239.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:30

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.: 117164 | 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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116952/1-A

Matrix: Solid | Lab File ID: p31239.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:30

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.: 117164 | 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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116952/1-A

Matrix: Solid | Lab File ID: p31239.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:30

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.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	76		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.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116952/1-A

Matrix: Solid Lab File ID: p31239.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 03:30

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.: 117164 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 3300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.30	3300	A J

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31239.d
Report Date: 24-Jun-2012 03:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31239.d
Lab Smp Id: MB 460-116952/1-A
Inj Date : 22-JUN-2012 03:30
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-116952/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.d
Als bottle: 4 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	2.615	2.579	(0.659)	2262308	75.7615	5000
$ 17 Phenol-d5 (SUR)	99	3.608	3.619	(0.910)	2663955	75.0150	5000
* 79 1,4-Dichlorobenzene-d4	152	3.966	3.972	(1.000)	913893	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.589	4.601	(0.857)	1353330	40.6627	2700
* 80 Naphthalene-d8	136	5.353	5.364	(1.000)	2920332	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.498	6.504	(0.908)	2049539	38.9273	2600
* 82 Acenaphthene-d10	164	7.156	7.162	(1.000)	1543035	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.944	7.950	(1.110)	408524	69.5756	4600
* 83 Phenanthrene-d10	188	8.619	8.625	(1.000)	1805836	40.0000	
52 Phenanthrene	178	8.637	8.649	(1.002)	22956	0.47042	31(a)
$ 78 Terphenyl-d14	244	10.194	10.200	(0.906)	1026375	41.5319	2800
* 81 Chrysene-d12	240	11.252	11.258	(1.000)	894101	40.0000	
* 84 Perylene-d12	264	12.985	12.991	(1.000)	802295	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31239.d
Report Date: 24-Jun-2012 03:05

QC Flag Legend

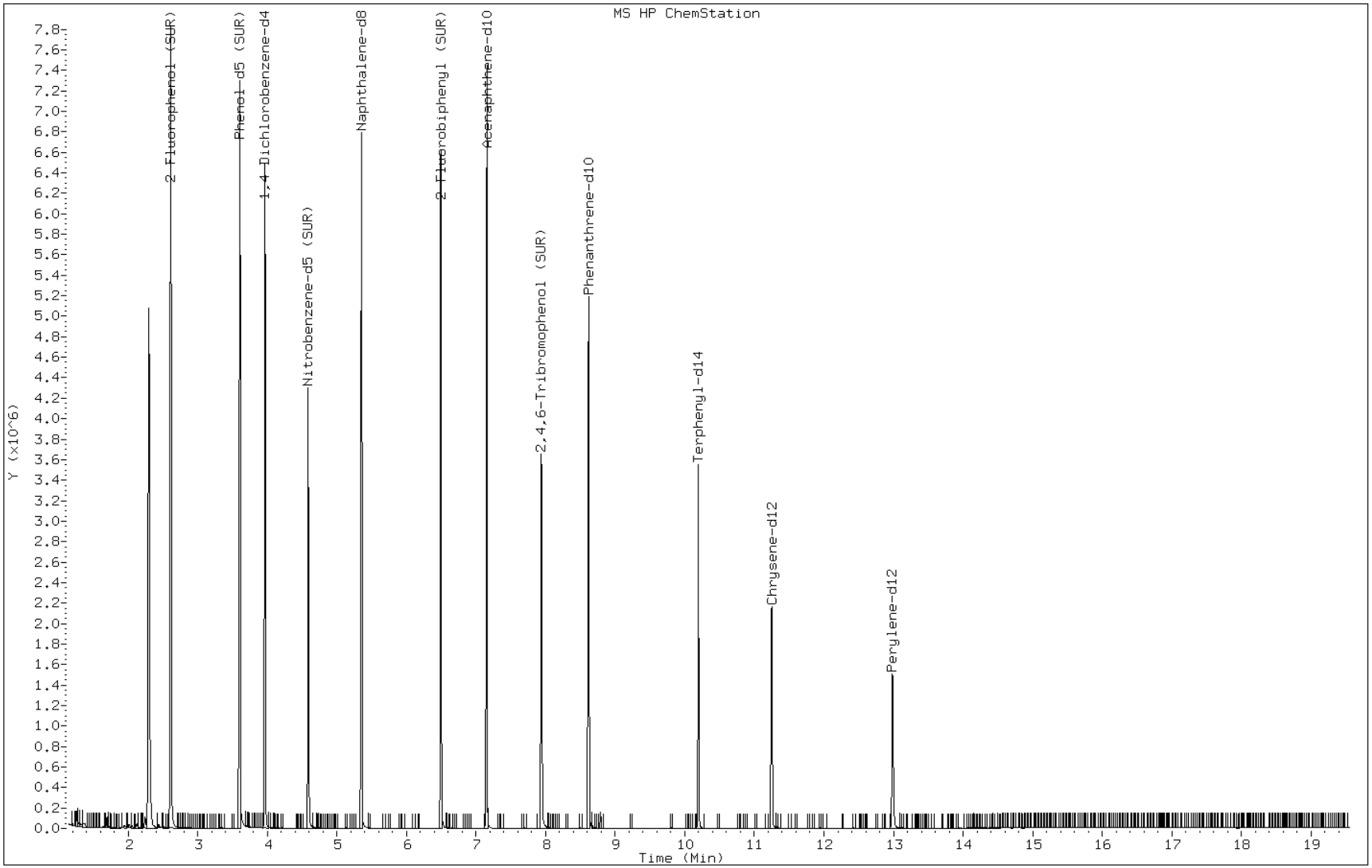
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p31239.d

Date: 22-JUN-2012 03:30

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-116952/1-A Operator: BNAMS 4



Data File: p31239.d

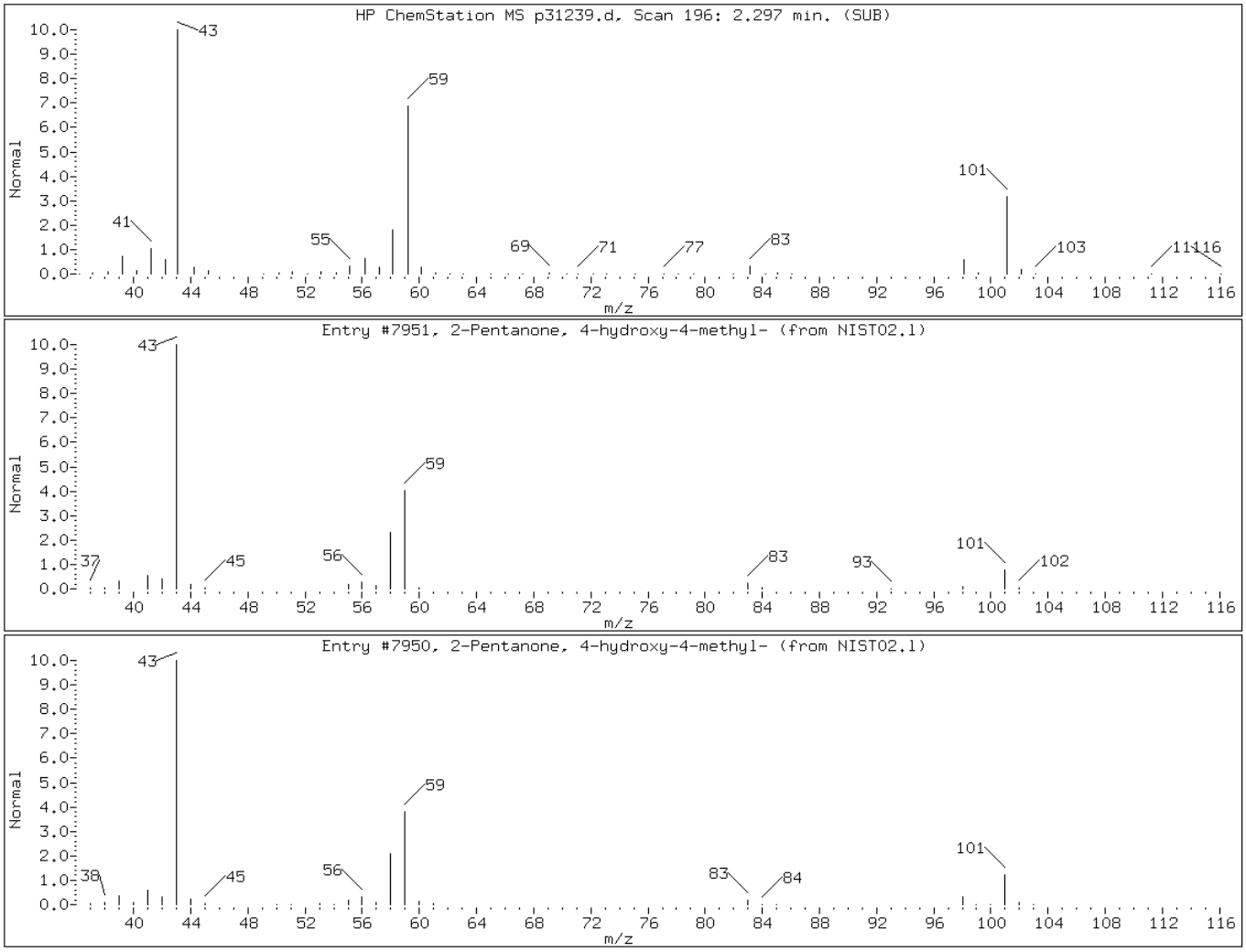
Date: 22-JUN-2012 03:30

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-116952/1-A Operator: BNAMS 4

Retention Time: 2.30

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	50	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.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116951/2-A

Matrix: Solid | Lab File ID: u77657.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 02:53

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.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5470		330	44
95-57-8	2-Chlorophenol	5340		330	44
95-48-7	2-Methylphenol	6020		330	56
106-44-5	4-Methylphenol	5760		330	65
100-52-7	Benzaldehyde	2780		330	39
98-86-2	Acetophenone	2380		330	51
111-44-4	Bis(2-chloroethyl)ether	2520		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2530		330	37
621-64-7	N-Nitrosodi-n-propylamine	2620		33	5.5
98-95-3	Nitrobenzene	2210		33	4.7
67-72-1	Hexachloroethane	2340		33	3.7
78-59-1	Isophorone	2310		330	40
88-75-5	2-Nitrophenol	5170		330	37
105-67-9	2,4-Dimethylphenol	5680		330	82
120-83-2	2,4-Dichlorophenol	5360		330	48
111-91-1	Bis(2-chloroethoxy)methane	2560		330	43
91-20-3	Naphthalene	2440		330	38
106-47-8	4-Chloroaniline	2160		330	88
87-68-3	Hexachlorobutadiene	2120		67	8.1
105-60-2	Caprolactam	1520		330	76
59-50-7	4-Chloro-3-methylphenol	5570		330	50
91-57-6	2-Methylnaphthalene	2490		330	43
118-74-1	Hexachlorobenzene	2430		33	4.5
77-47-4	Hexachlorocyclopentadiene	1350		330	39
88-06-2	2,4,6-Trichlorophenol	5220		330	39
95-95-4	2,4,5-Trichlorophenol	4990		330	43
92-52-4	Diphenyl	2460		330	44
91-58-7	2-Chloronaphthalene	2390		330	37
88-74-4	2-Nitroaniline	2570		670	140
606-20-2	2,6-Dinitrotoluene	2650		67	10
131-11-3	Dimethyl phthalate	2520		330	39
208-96-8	Acenaphthylene	2460		330	39
99-09-2	3-Nitroaniline	2270		670	120
83-32-9	Acenaphthene	2430		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116951/2-A

Matrix: Solid | Lab File ID: u77657.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 02:53

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.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700		1000	210
51-28-5	2,4-Dinitrophenol	2800		1000	190
132-64-9	Dibenzofuran	2540		330	39
84-66-2	Diethyl phthalate	2810		330	39
86-73-7	Fluorene	2920		330	42
206-44-0	Fluoranthene	2740		330	44
84-74-2	Di-n-butyl phthalate	2720		330	41
121-14-2	2,4-Dinitrotoluene	2970		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2510		330	39
100-01-6	4-Nitroaniline	3000		670	100
534-52-1	4,6-Dinitro-2-methylphenol	4070		1000	90
101-55-3	4-Bromophenyl phenyl ether	2270		330	33
1912-24-9	Atrazine	1980		330	51
120-12-7	Anthracene	2610		330	40
86-74-8	Carbazole	2710		330	39
85-01-8	Phenanthrene	2520		330	42
87-86-5	Pentachlorophenol	4450		1000	99
129-00-0	Pyrene	2520		330	28
218-01-9	Chrysene	2660		330	39
207-08-9	Benzo[k]fluoranthene	2130		33	2.5
191-24-2	Benzo[g,h,i]perylene	2290		330	25
205-99-2	Benzo[b]fluoranthene	1960		33	2.1
50-32-8	Benzo[a]pyrene	2360		33	2.3
56-55-3	Benzo[a]anthracene	2640		33	2.3
86-30-6	N-Nitrosodiphenylamine	2530		330	33
85-68-7	Butyl benzyl phthalate	2880		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2770		330	110
117-84-0	Di-n-octyl phthalate	2120		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2000		33	6.2
53-70-3	Dibenz(a,h)anthracene	2360		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2950		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2280		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2460		330	43
123-91-1	1,4-Dioxane	1140		330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116951/2-A

Matrix: Solid | Lab File ID: u77657.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 02:53

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.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	81		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77657.d
Report Date: 25-Jun-2012 17:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77657.d
Lab Smp Id: LCS 460-116951/2-A
Inj Date : 24-JUN-2012 02:53
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-116951/2-A
Misc Info : LCS 460-116951/2-A
Comment :
Method : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.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)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.224	1.180	(0.324)	22729	17.0742	1100
	19 N-Nitrosodimethylamine	74	1.428	1.399	(0.378)	82279	32.9483	2200
	71 Pyridine	79	1.450	1.414	(0.384)	86706	21.9351	1500
$	16 2-Fluorophenol (SUR)	112	2.517	2.499	(0.667)	279659	81.3462	5400
	110 Benzaldehyde	77	3.331	3.323	(0.882)	78282	41.6856	2800
	73 Aniline	93	3.449	3.440	(0.914)	186920	31.7702	2100
$	17 Phenol-d5 (SUR)	99	3.449	3.448	(0.914)	414498	81.6633	5400
	1 Phenol	94	3.464	3.455	(0.918)	449050	82.0927	5500
	20 bis(2-Chloroethyl)ether	93	3.524	3.522	(0.933)	157389	37.7636	2500
	2 2-Chlorophenol	128	3.568	3.567	(0.945)	255937	80.1151	5300
	113 n-decane	43	3.635	3.633	(0.963)	142738	26.4572	1800
	21 1,3-Dichlorobenzene	146	3.716	3.720	(0.984)	128284	34.4644	2300
*	79 1,4-Dichlorobenzene-d4	152	3.776	3.778	(1.000)	101702	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77657.d
Report Date: 25-Jun-2012 17:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.798	3.793	(1.006)	137920	35.8776	2400
	74 Benzyl Alcohol	108	3.945	3.940	(1.045)	106340	43.1829	2900
	23 1,2-Dichlorobenzene	146	3.945	3.948	(1.045)	135442	37.0436	2500
	24 bis (2-chloroisopropyl) ether	45	4.070	4.073	(1.078)	297755	38.0002	2500
	3 2-Methylphenol	108	4.070	4.073	(1.078)	310299	90.2332	6000
	104 Acetophenone	105	4.210	4.204	(1.115)	212301	35.7372	2400
	25 N-Nitroso-di-n-propylamine	70	4.225	4.219	(1.119)	148015	39.2811	2600(MH)
	4 4-Methylphenol	108	4.246	4.242	(1.125)	306132	86.3735	5800
	123 3 & 4 Methylphenol	108	4.246	4.242	(1.125)	306132	86.2456	5700
	26 Hexachloroethane	117	4.290	4.285	(1.136)	72645	35.1462	2300
$	76 Nitrobenzene-d5 (SUR)	82	4.357	4.358	(0.857)	209555	34.3231	2300
	27 Nitrobenzene	77	4.379	4.381	(0.862)	266802	33.1433	2200
	107 N,N-Dimethylaniline	120	4.379	4.381	(1.160)	172739	36.2591	2400
	28 Isophorone	82	4.645	4.629	(0.914)	355524	34.6164	2300
	5 2-Nitrophenol	139	4.704	4.703	(0.925)	158419	77.4852	5200
	6 2,4-Dimethylphenol	122	4.786	4.778	(0.942)	258923	85.1407	5700
	29 bis(2-Chloroethoxy)methane	93	4.868	4.859	(0.958)	199844	38.3460	2600
	7 2,4-Dichlorophenol	162	4.964	4.963	(0.977)	269648	80.4429	5400
	15 Benzoic Acid	122	4.994	4.941	(0.982)	98459	55.2482	3700(M)
	30 1,2,4-Trichlorobenzene	180	5.031	5.030	(0.990)	131757	36.0587	2400
*	80 Naphthalene-d8	136	5.083	5.082	(1.000)	395815	40.0000	
	31 Naphthalene	128	5.105	5.104	(1.004)	355258	36.5917	2400
	32 4-Chloroaniline	127	5.179	5.177	(1.019)	128626	32.4703	2200
	33 Hexachlorobutadiene	225	5.244	5.244	(1.032)	78285	31.7669	2100
	111 Caprolactam	113	5.595	5.577	(1.101)	25555	22.8307	1500
	8 4-Chloro-3-methylphenol	107	5.714	5.710	(1.124)	341034	83.4817	5600
	34 2-Methylnaphthalene	142	5.810	5.806	(1.143)	238466	37.3447	2500
	120 1-Methylnaphthalene	142	5.906	5.908	(1.162)	228818	34.7459	2300
	35 Hexachlorocyclopentadiene	237	5.973	5.974	(0.873)	56066	20.2204	1300
	129 1,2,4,5-Tetrachlorobenzene	216	5.987	5.981	(0.875)	145729	34.1434	2300(R)
	121 2-tert-Butyl-4-methylphenol	149	6.187	6.047	(1.217)	1683	0.32823	22(a)
	9 2,4,6-Trichlorophenol	196	6.112	6.113	(0.893)	216643	78.3619	5200
	10 2,4,5-Trichlorophenol	196	6.157	6.158	(0.900)	216068	74.8467	5000
$	77 2-Fluorobiphenyl (SUR)	172	6.187	6.188	(0.904)	291441	34.6420	2300
	102 Diphenyl	154	6.283	6.284	(0.918)	328034	36.8877	2400
	36 2-Chloronaphthalene	162	6.298	6.292	(0.920)	268820	35.8909	2400
	103 Diphenyl Ether	170	6.387	6.388	(0.933)	181162	35.8974	2400
	37 2-Nitroaniline	65	6.417	6.417	(0.938)	146449	38.5669	2600
	38 Dimethylphthalate	163	6.609	6.607	(0.966)	333171	37.8173	2500
	40 2,6-Dinitrotoluene	165	6.667	6.667	(0.974)	82982	39.7229	2600
	39 Acenaphthylene	152	6.704	6.704	(0.980)	410455	36.9618	2500
	41 3-Nitroaniline	138	6.829	6.827	(0.998)	67312	33.9765	2300
*	82 Acenaphthene-d10	164	6.844	6.842	(1.000)	265255	40.0000	
	42 Acenaphthene	154	6.882	6.878	(1.005)	244834	36.5242	2400
	11 2,4-Dinitrophenol	184	6.941	6.937	(1.014)	53407	41.9540	2800
	12 4-Nitrophenol	65	7.044	7.033	(1.029)	222679	85.5584	5700
	43 Dibenzofuran	168	7.051	7.047	(1.030)	402078	38.1121	2500

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77657.d
Report Date: 25-Jun-2012 17:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
44	2,4-Dinitrotoluene	165	7.066	7.070	(1.032)	122837	44.6019	3000
130	2,3,4,6-Tetrachlorophenol	232	7.190	7.187	(1.051)	81029	36.9669	2500
45	Diethylphthalate	149	7.315	7.305	(1.069)	387837	42.1114	2800
47	Fluorene	166	7.387	7.385	(1.079)	360755	43.8019	2900
46	4-Chlorophenyl-phenylether	204	7.394	7.392	(1.080)	159475	37.6367	2500
48	4-Nitroaniline	138	7.452	7.444	(1.089)	78769	44.9970	3000
13	4,6-Dinitro-2-methylphenol	198	7.481	7.474	(0.900)	110471	61.0325	4100
49	N-Nitrosodiphenylamine	169	7.525	7.526	(0.906)	230504	37.9113	2500
75	1,2-Diphenylhydrazine	77	7.555	7.556	(0.909)	476145	29.2133	1900
$ 18	2,4,6-Tribromophenol (SUR)	330	7.637	7.629	(1.116)	117702	71.5515	4800
50	4-Bromophenyl-phenylether	248	7.880	7.873	(0.948)	89974	34.1121	2300
51	Hexachlorobenzene	284	7.939	7.940	(0.956)	119997	36.4064	2400
112	Atrazine	200	8.072	8.066	(0.972)	73864	29.7492	2000
14	Pentachlorophenol	266	8.146	8.138	(0.980)	141143	66.7388	4400
115	n-Octadecane	57	8.241	8.240	(0.992)	306815	35.8957	2400
* 83	Phenanthrene-d10	188	8.308	8.306	(1.000)	459605	40.0000	
52	Phenanthrene	178	8.338	8.329	(1.004)	484855	37.7775	2500
53	Anthracene	178	8.381	8.381	(1.009)	505505	39.1041	2600
54	Carbazole	167	8.551	8.551	(1.029)	447848	40.6382	2700
55	Di-n-butylphthalate	149	8.911	8.904	(1.073)	672393	40.8548	2700
56	Fluoranthene	202	9.502	9.498	(1.144)	539583	41.1031	2700
58	Benzidine	184	9.640	9.637	(1.160)	35150	13.2375	880
57	Pyrene	202	9.721	9.718	(0.886)	526026	37.7913	2500
$ 78	Terphenyl-d14	244	9.882	9.881	(0.900)	341513	36.2640	2400
59	Butylbenzylphthalate	149	10.379	10.375	(0.946)	301800	43.1561	2900
60	3,3'-Dichlorobenzidine	252	10.944	10.941	(0.997)	142874	44.1820	2900
61	Benzo(a)anthracene	228	10.959	10.948	(0.999)	435792	39.6241	2600
* 81	Chrysene-d12	240	10.974	10.970	(1.000)	375690	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	11.019	11.015	(1.004)	373426	41.6080	2800
62	Chrysene	228	11.004	11.000	(1.003)	382332	39.9474	2700
64	Di-n-octylphthalate	149	11.805	11.803	(0.925)	577852	31.7766	2100
65	Benzo(b)fluoranthene	252	12.260	12.259	(0.961)	368749	29.3794	2000
66	Benzo(k)fluoranthene	252	12.298	12.296	(0.964)	364246	31.9216	2100
67	Benzo(a)pyrene	252	12.679	12.677	(0.994)	309887	35.4720	2400
* 84	Perylene-d12	264	12.761	12.744	(1.000)	333495	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	14.146	14.140	(1.109)	278123	29.9285	2000(M)
69	Dibenz(a,h)anthracene	278	14.175	14.170	(1.111)	281511	35.4562	2400
70	Benzo(g,h,i)perylene	276	14.497	14.494	(1.136)	280737	34.3701	2300

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.
H - Operator selected an alternate compound hit.

Data File: u77657.d

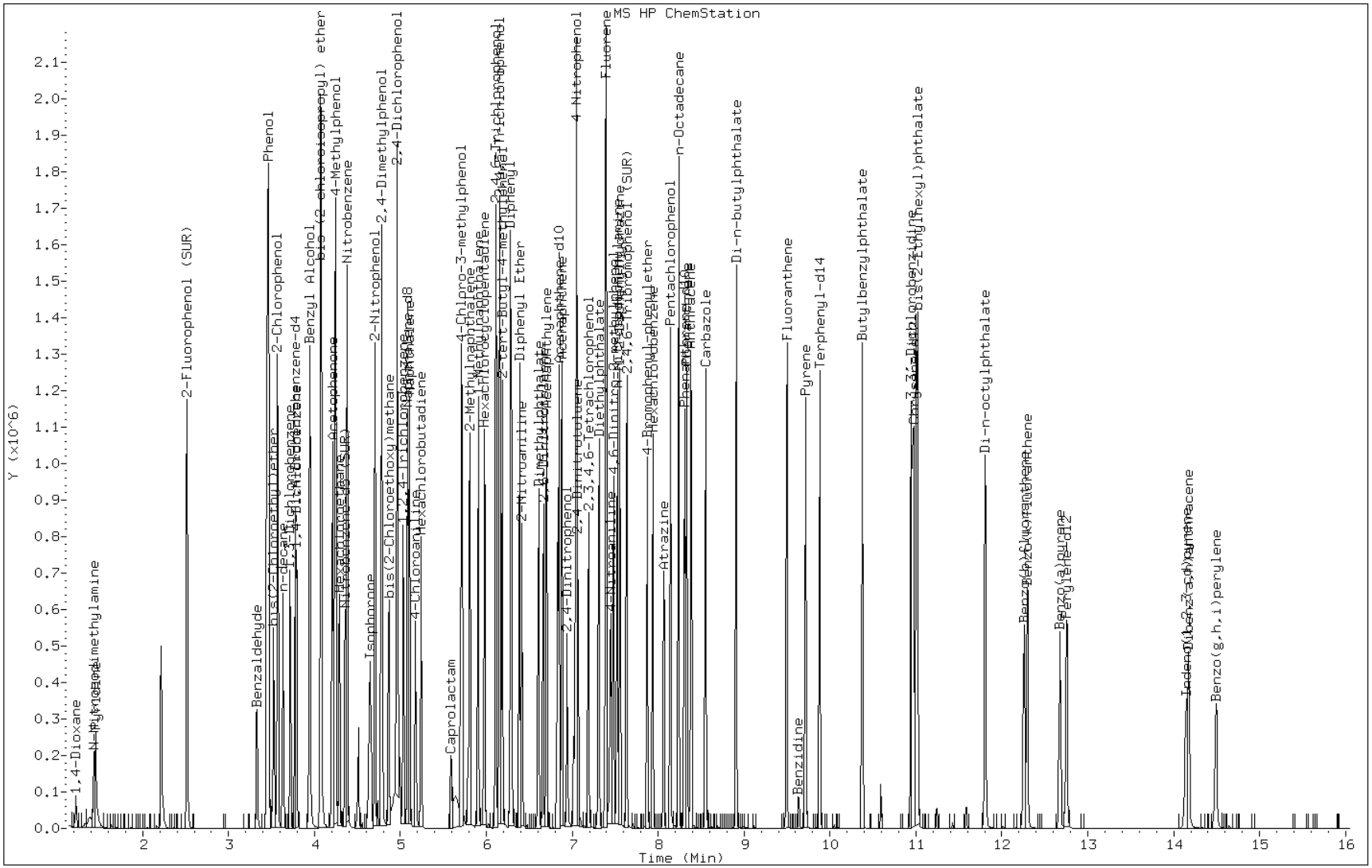
Date: 24-JUN-2012 02:53

Client ID:

Instrument: BNAMS4.i

Sample Info: LCS 460-116951/2-A

Operator: BNAMS 4



Manual Integration Report

Data File: u77657.d
Inj. Date and Time: 24-JUN-2012 02:53
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/26/2012

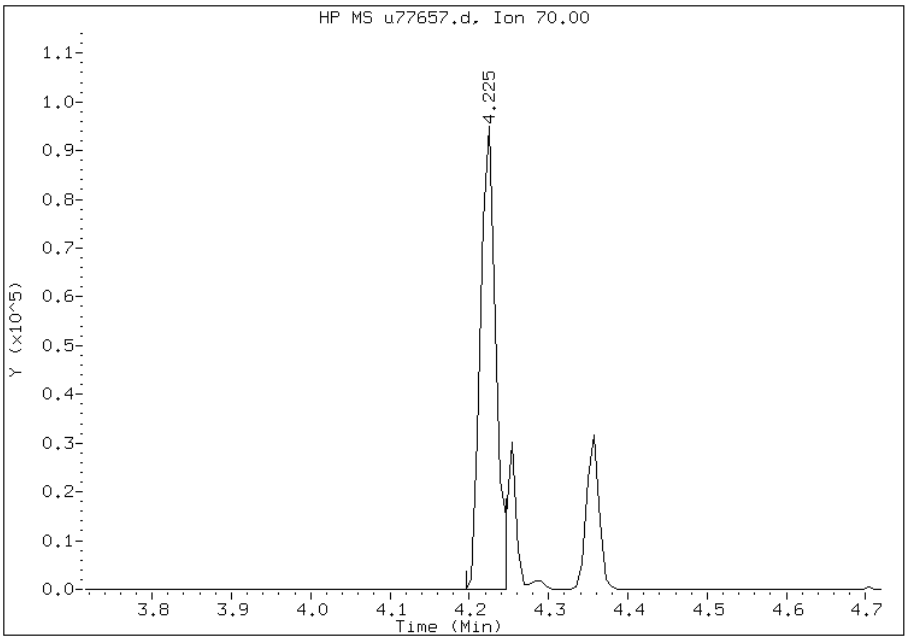
Processing Integration Results

RT: 4.22

Response: 127468

Amount: 34

Conc: 2255



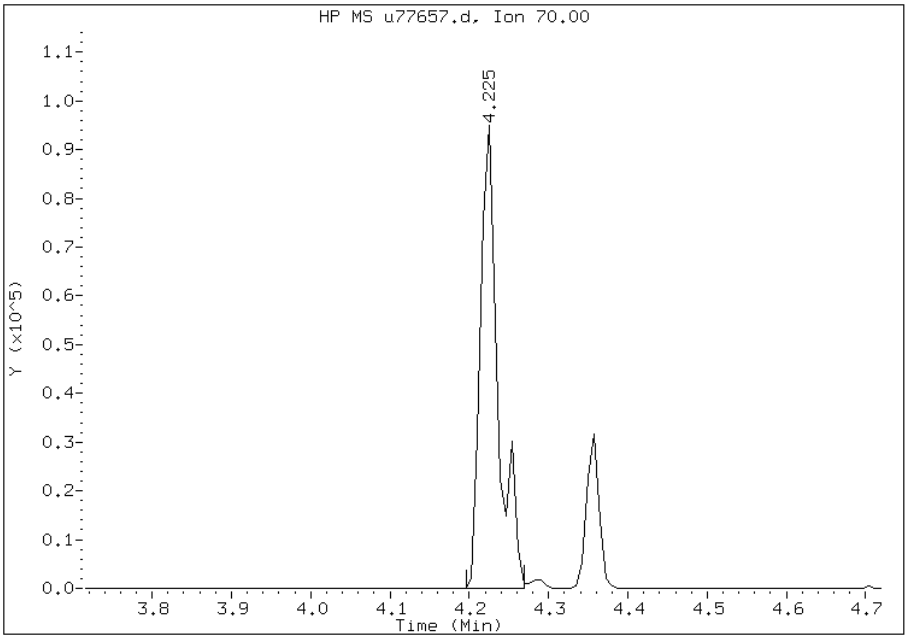
Manual Integration Results

RT: 4.22

Response: 148015

Amount: 39

Conc: 2619



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u77657.d
Inj. Date and Time: 24-JUN-2012 02:53
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/26/2012

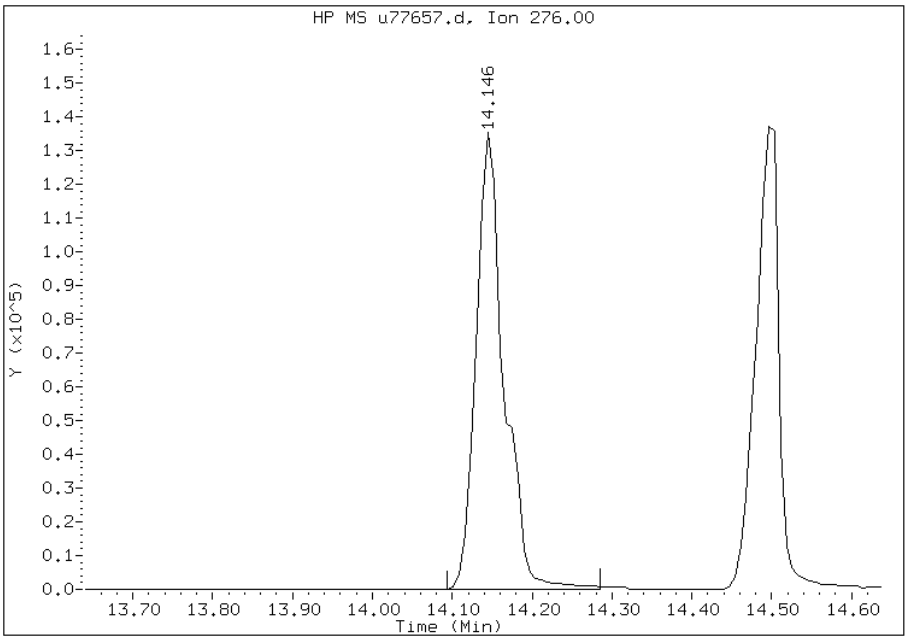
Processing Integration Results

RT: 14.15

Response: 332641

Amount: 36

Conc: 2386



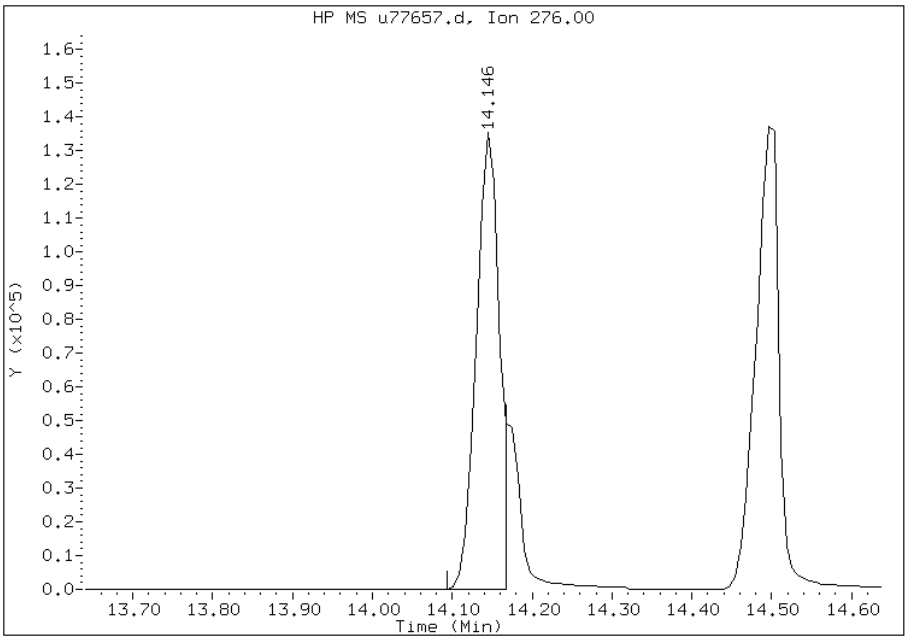
Manual Integration Results

RT: 14.15

Response: 278123

Amount: 30

Conc: 1995



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116952/2-A

Matrix: Solid | Lab File ID: p31238.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:02

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.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4230		330	44
95-57-8	2-Chlorophenol	4550		330	44
95-48-7	2-Methylphenol	4610		330	56
106-44-5	4-Methylphenol	4320		330	65
100-52-7	Benzaldehyde	4700		330	39
98-86-2	Acetophenone	2360		330	51
111-44-4	Bis(2-chloroethyl)ether	2290		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2530		330	37
621-64-7	N-Nitrosodi-n-propylamine	2540		33	5.5
98-95-3	Nitrobenzene	2690		33	4.7
67-72-1	Hexachloroethane	2330		33	3.7
78-59-1	Isophorone	2460		330	40
88-75-5	2-Nitrophenol	4860		330	37
105-67-9	2,4-Dimethylphenol	4480		330	82
120-83-2	2,4-Dichlorophenol	4570		330	48
111-91-1	Bis(2-chloroethoxy)methane	2460		330	43
91-20-3	Naphthalene	2530		330	38
106-47-8	4-Chloroaniline	1680		330	88
87-68-3	Hexachlorobutadiene	2450		67	8.1
105-60-2	Caprolactam	2440		330	76
59-50-7	4-Chloro-3-methylphenol	4780		330	50
91-57-6	2-Methylnaphthalene	2400		330	43
118-74-1	Hexachlorobenzene	2590		33	4.5
77-47-4	Hexachlorocyclopentadiene	2130		330	39
88-06-2	2,4,6-Trichlorophenol	4740		330	39
95-95-4	2,4,5-Trichlorophenol	4710		330	43
92-52-4	Diphenyl	2610		330	44
91-58-7	2-Chloronaphthalene	2480		330	37
88-74-4	2-Nitroaniline	2470		670	140
606-20-2	2,6-Dinitrotoluene	2480		67	10
131-11-3	Dimethyl phthalate	2500		330	39
208-96-8	Acenaphthylene	2450		330	39
99-09-2	3-Nitroaniline	1770		670	120
83-32-9	Acenaphthene	2480		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116952/2-A

Matrix: Solid | Lab File ID: p31238.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:02

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.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4740		1000	210
51-28-5	2,4-Dinitrophenol	2110		1000	190
132-64-9	Dibenzofuran	2470		330	39
84-66-2	Diethyl phthalate	2450		330	39
86-73-7	Fluorene	2530		330	42
206-44-0	Fluoranthene	2620		330	44
84-74-2	Di-n-butyl phthalate	2580		330	41
121-14-2	2,4-Dinitrotoluene	2480		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2470		330	39
100-01-6	4-Nitroaniline	2260		670	100
534-52-1	4,6-Dinitro-2-methylphenol	3540		1000	90
101-55-3	4-Bromophenyl phenyl ether	2610		330	33
1912-24-9	Atrazine	2120		330	51
120-12-7	Anthracene	2540		330	40
86-74-8	Carbazole	2590		330	39
85-01-8	Phenanthrene	2560		330	42
87-86-5	Pentachlorophenol	4550		1000	99
129-00-0	Pyrene	2360		330	28
218-01-9	Chrysene	2600		330	39
207-08-9	Benzo[k]fluoranthene	2210		33	2.5
191-24-2	Benzo[g,h,i]perylene	2460		330	25
205-99-2	Benzo[b]fluoranthene	2250		33	2.1
50-32-8	Benzo[a]pyrene	2290		33	2.3
56-55-3	Benzo[a]anthracene	2440		33	2.3
86-30-6	N-Nitrosodiphenylamine	2720		330	33
85-68-7	Butyl benzyl phthalate	2420		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2450		330	110
117-84-0	Di-n-octyl phthalate	2110		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2180		33	6.2
53-70-3	Dibenz(a,h)anthracene	2440		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2570		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2350		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2260		330	43
123-91-1	1,4-Dioxane	1400		330	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116952/2-A

Matrix: Solid | Lab File ID: p31238.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 03:02

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.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	67		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31238.d
Report Date: 24-Jun-2012 03:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31238.d
Lab Smp Id: LCS 460-116952/2-A
Inj Date : 22-JUN-2012 03:02
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-116952/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.d
Als bottle: 3 QC Sample: LCS
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	1.269	1.187	(0.320)	281388	20.9804	1400
19	N-Nitrosodimethylamine	74	1.481	1.410	(0.373)	705633	38.1584	2500(H)
71	Pyridine	79	1.498	1.434	(0.377)	978225	30.4435	2000
$ 16	2-Fluorophenol (SUR)	112	2.615	2.579	(0.658)	1863338	64.5076	4300
110	Benzaldehyde	77	3.479	3.473	(0.876)	666622	70.5585	4700
$ 17	Phenol-d5 (SUR)	99	3.620	3.619	(0.911)	2227870	64.8535	4300
73	Aniline	93	3.614	3.608	(0.910)	1066344	25.5317	1700
1	Phenol	94	3.637	3.631	(0.916)	2411846	63.5093	4200
20	bis(2-Chloroethyl)ether	93	3.702	3.702	(0.932)	1044260	34.3829	2300
2	2-Chlorophenol	128	3.743	3.743	(0.942)	1982096	68.2283	4500
113	n-decane	43	3.825	3.825	(0.963)	849218	29.1258	1900
21	1,3-Dichlorobenzene	146	3.907	3.907	(0.984)	1187656	34.7224	2300
* 79	1,4-Dichlorobenzene-d4	152	3.972	3.972	(1.000)	884042	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31238.d
Report Date: 24-Jun-2012 03:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
22	1,4-Dichlorobenzene	146	3.990	3.990	(1.004)	1207174	35.2971	2400
74	Benzyl Alcohol	108	4.154	4.160	(1.046)	589476	33.3766	2200
23	1,2-Dichlorobenzene	146	4.154	4.160	(1.046)	1146867	35.8910	2400
3	2-Methylphenol	108	4.301	4.307	(1.083)	1725637	69.0858	4600
24	bis (2-chloroisopropyl) ether	45	4.301	4.307	(1.083)	1151648	37.9593	2500
104	Acetophenone	105	4.442	4.448	(1.118)	1294731	35.3841	2400
25	N-Nitroso-di-n-propylamine	70	4.460	4.465	(1.123)	729304	38.1616	2500
4	4-Methylphenol	108	4.483	4.489	(1.129)	1575106	64.7877	4300
123	3 & 4 Methylphenol	108	4.483	4.489	(1.129)	1575106	64.4415	4300
26	Hexachloroethane	117	4.519	4.524	(1.138)	468031	34.9399	2300
$ 76	Nitrobenzene-d5 (SUR)	82	4.595	4.601	(0.857)	1063683	35.1658	2300
27	Nitrobenzene	77	4.618	4.630	(0.862)	1449577	40.3514	2700
107	N,N-Dimethylaniline	120	4.624	4.630	(1.164)	1314452	33.7791	2200
28	Isophorone	82	4.895	4.894	(0.913)	1696128	36.9261	2500
5	2-Nitrophenol	139	4.971	4.971	(0.928)	1046999	72.8973	4800
6	2,4-Dimethylphenol	122	5.059	5.059	(0.944)	1537149	67.1373	4500
29	bis(2-Chloroethoxy)methane	93	5.147	5.147	(0.961)	1043397	36.8408	2400
15	Benzoic Acid	122	5.259	5.253	(0.981)	583532	47.4505	3200
7	2,4-Dichlorophenol	162	5.241	5.241	(0.978)	1384822	68.5129	4600
30	1,2,4-Trichlorobenzene	180	5.312	5.312	(0.991)	877452	36.7053	2400
* 80	Naphthalene-d8	136	5.359	5.364	(1.000)	2654091	40.0000	
31	Naphthalene	128	5.382	5.388	(1.004)	2580605	37.9319	2500
32	4-Chloroaniline	127	5.464	5.470	(1.020)	654123	25.1444	1700
33	Hexachlorobutadiene	225	5.535	5.535	(1.033)	494788	36.8031	2400
111	Caprolactam	113	5.870	5.876	(1.095)	207649	36.5660	2400
8	4-Chloro-3-methylphenol	107	6.017	6.017	(1.123)	1425030	71.7274	4800
34	2-Methylnaphthalene	142	6.111	6.111	(1.140)	1586534	35.9881	2400
120	1-Methylnaphthalene	142	6.211	6.211	(1.159)	1492389	33.1973	2200
35	Hexachlorocyclopentadiene	237	6.281	6.287	(0.878)	358864	31.9283	2100
129	1,2,4,5-Tetrachlorobenzene	216	6.293	6.293	(0.879)	706515	35.2200	2300
9	2,4,6-Trichlorophenol	196	6.422	6.422	(0.897)	863099	71.0541	4700
10	2,4,5-Trichlorophenol	196	6.463	6.469	(0.903)	879269	70.6146	4700
$ 77	2-Fluorobiphenyl (SUR)	172	6.499	6.504	(0.908)	1575039	35.4957	2400
102	Diphenyl	154	6.593	6.598	(0.921)	1899261	39.1652	2600
36	2-Chloronaphthalene	162	6.604	6.610	(0.923)	1405130	37.1429	2500
103	Diphenyl Ether	170	6.704	6.704	(0.937)	1008852	36.7366	2400
37	2-Nitroaniline	65	6.728	6.733	(0.940)	428904	37.0979	2500
125	1,3-Dimethylnaphthalene	156	6.704	6.833	(0.937)	639	0.01957	1.3(a)
38	Dimethylphthalate	163	6.928	6.927	(0.968)	1339033	37.4831	2500
40	2,6-Dinitrotoluene	165	6.980	6.986	(0.975)	319050	37.1445	2500
39	Acenaphthylene	152	7.016	7.016	(0.980)	2052748	36.8152	2400
41	3-Nitroaniline	138	7.145	7.145	(0.998)	235830	26.5412	1800
* 82	Acenaphthene-d10	164	7.157	7.162	(1.000)	1300437	40.0000	
42	Acenaphthene	154	7.192	7.192	(1.005)	1293176	37.2253	2500
11	2,4-Dinitrophenol	184	7.257	7.262	(1.014)	133659	31.6910	2100
12	4-Nitrophenol	65	7.351	7.356	(1.027)	435016	71.0436	4700
44	2,4-Dinitrotoluene	165	7.386	7.386	(1.032)	390015	37.1919	2500

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31238.d
Report Date: 24-Jun-2012 03:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	43 Dibenzofuran	168	7.362	7.368	(1.029)	1760527	37.1208	2500
	130 2,3,4,6-Tetrachlorophenol	232	7.503	7.509	(1.048)	271019	33.9624	2300(R)
	45 Diethylphthalate	149	7.627	7.632	(1.066)	1268602	36.8038	2400
	47 Fluorene	166	7.703	7.709	(1.076)	1445038	37.9847	2500
	46 4-Chlorophenyl-phenylether	204	7.715	7.715	(1.078)	686839	37.0875	2500
	48 4-Nitroaniline	138	7.750	7.756	(1.083)	247606	33.9310	2300
	13 4,6-Dinitro-2-methylphenol	198	7.791	7.791	(0.904)	271457	53.1008	3500
	49 N-Nitrosodiphenylamine	169	7.838	7.844	(0.909)	958539	40.7579	2700
	75 1,2-Diphenylhydrazine	77	7.873	7.873	(0.913)	1448432	35.8984	2400
$	18 2,4,6-Tribromophenol (SUR)	330	7.950	7.950	(1.111)	335724	67.8435	4500
	50 4-Bromophenyl-phenylether	248	8.197	8.196	(0.951)	360341	39.1826	2600
	51 Hexachlorobenzene	284	8.255	8.255	(0.958)	376371	38.8540	2600
	112 Atrazine	200	8.385	8.384	(0.973)	251498	31.8021	2100
	14 Pentachlorophenol	266	8.455	8.461	(0.981)	326885	68.3236	4600
	115 n-Octadecane	57	8.567	8.567	(0.994)	916839	43.7916	2900
*	83 Phenanthrene-d10	188	8.620	8.625	(1.000)	1521438	40.0000	
	52 Phenanthrene	178	8.643	8.649	(1.003)	1576310	38.3400	2600
	53 Anthracene	178	8.696	8.696	(1.009)	1577773	38.0891	2500
	54 Carbazole	167	8.866	8.866	(1.029)	1310155	38.8741	2600
	55 Di-n-butylphthalate	149	9.231	9.231	(1.071)	1629060	38.7262	2600
	56 Fluoranthene	202	9.807	9.806	(1.138)	1377685	39.2355	2600
	58 Benzidine	184	9.959	9.971	(1.155)	66254	12.0855	800
	57 Pyrene	202	10.024	10.024	(0.890)	1355318	35.4415	2400
$	78 Terphenyl-d14	244	10.200	10.200	(0.906)	863344	33.5241	2200
	59 Butylbenzylphthalate	149	10.694	10.694	(0.950)	593604	36.2489	2400
	60 3,3'-Dichlorobenzidine	252	11.234	11.234	(0.998)	311511	38.5473	2600
	61 Benzo(a)anthracene	228	11.246	11.246	(0.999)	1028385	36.6158	2400
*	81 Chrysene-d12	240	11.258	11.258	(1.000)	931730	40.0000	
	62 Chrysene	228	11.281	11.281	(1.002)	1004825	38.9425	2600
	63 bis(2-Ethylhexyl)phthalate	149	11.322	11.322	(1.006)	792863	36.6960	2400
	64 Di-n-octylphthalate	149	12.092	12.092	(0.931)	1231886	31.7001	2100
	65 Benzo(b)fluoranthene	252	12.515	12.515	(0.963)	908856	33.7564	2200
	66 Benzo(k)fluoranthene	252	12.550	12.550	(0.966)	950762	33.1470	2200
	67 Benzo(a)pyrene	252	12.921	12.920	(0.995)	778892	34.4114	2300
*	84 Perylene-d12	264	12.991	12.991	(1.000)	840451	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.360	14.360	(1.105)	751744	32.7208	2200(M)
	69 Dibenz(a,h)anthracene	278	14.389	14.389	(1.108)	771131	36.5815	2400
	70 Benzo(g,h,i)perylene	276	14.689	14.689	(1.131)	811344	36.8396	2400

QC Flag Legend

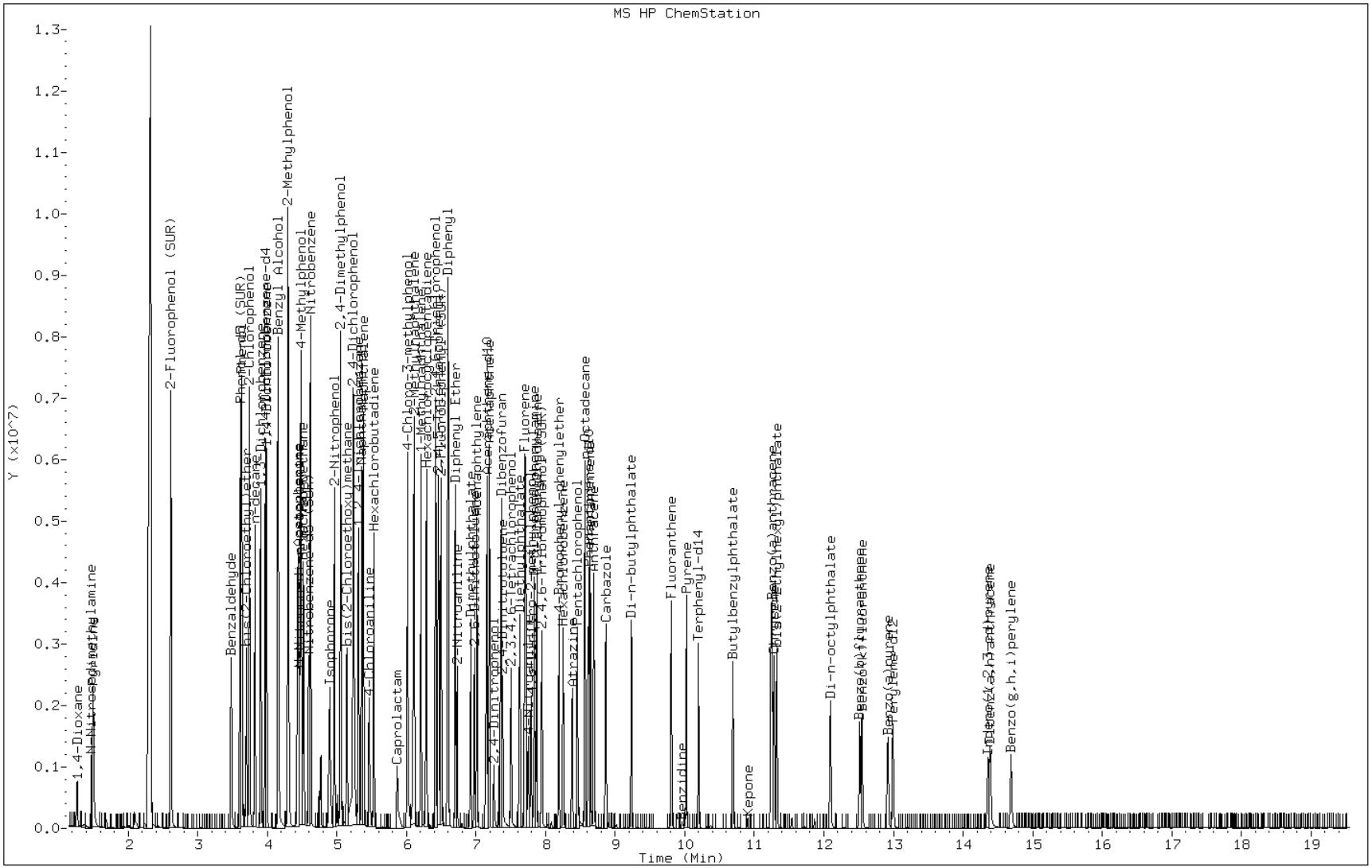
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p31238.d

Date: 22-JUN-2012 03:02

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-116952/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p31238.d
Inj. Date and Time: 22-JUN-2012 03:02
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/24/2012

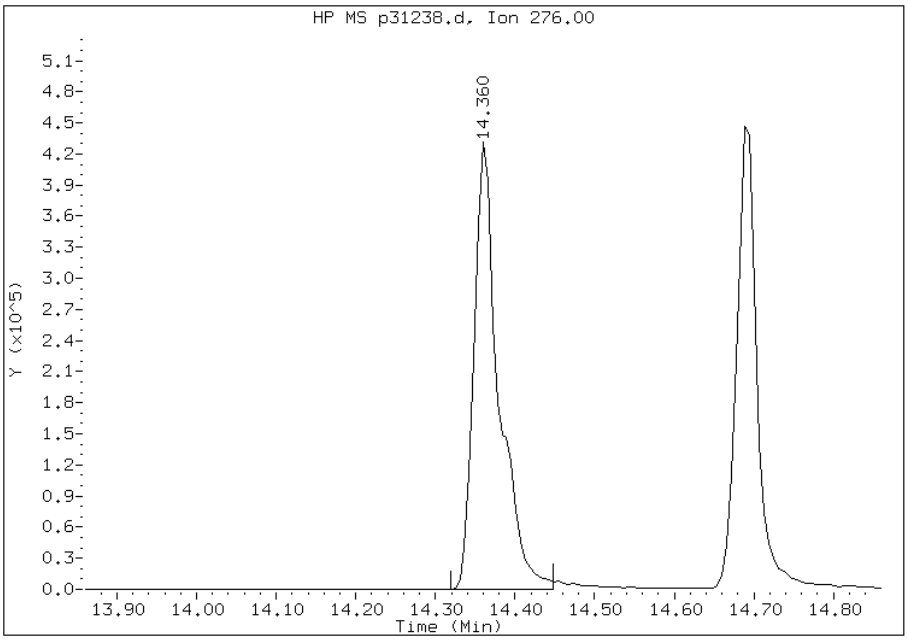
Processing Integration Results

RT: 14.36

Response: 931708

Amount: 41

Conc: 2704



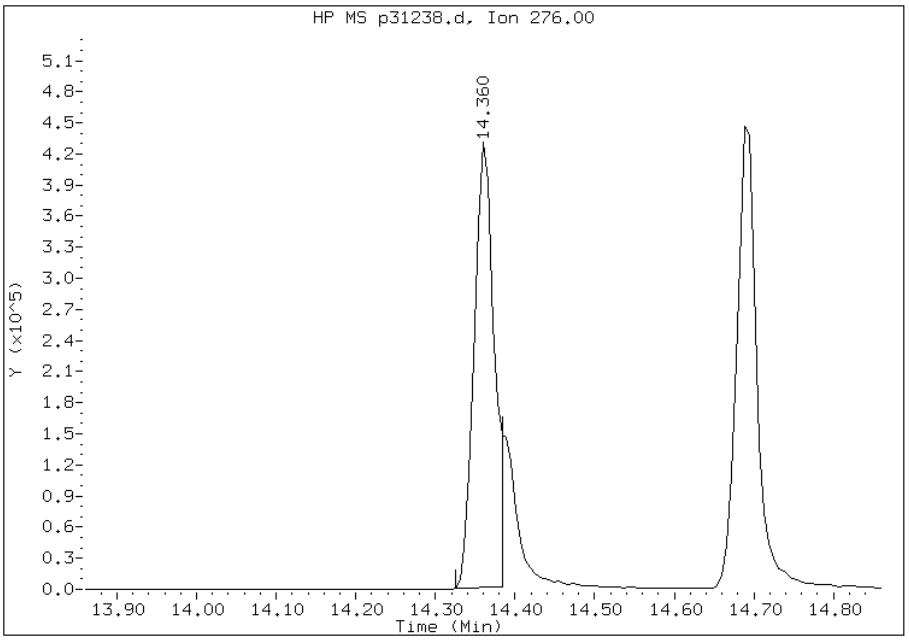
Manual Integration Results

RT: 14.36

Response: 751744

Amount: 33

Conc: 2181



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: u77660.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7940		390	52
95-57-8	2-Chlorophenol	7720		390	51
95-48-7	2-Methylphenol	7940		390	66
106-44-5	4-Methylphenol	7960		390	76
100-52-7	Benzaldehyde	4290		390	45
98-86-2	Acetophenone	3160		390	59
111-44-4	Bis(2-chloroethyl)ether	3280		39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	3120		390	43
621-64-7	N-Nitrosodi-n-propylamine	3700		39	6.4
98-95-3	Nitrobenzene	3040		39	5.5
67-72-1	Hexachloroethane	2530		39	4.3
78-59-1	Isophorone	3260		390	47
88-75-5	2-Nitrophenol	7420		390	43
105-67-9	2,4-Dimethylphenol	8230		390	95
120-83-2	2,4-Dichlorophenol	7820		390	57
111-91-1	Bis(2-chloroethoxy)methane	3540		390	50
91-20-3	Naphthalene	3240		390	45
106-47-8	4-Chloroaniline	3360		390	100
87-68-3	Hexachlorobutadiene	2590		78	9.4
105-60-2	Caprolactam	3320		390	89
59-50-7	4-Chloro-3-methylphenol	8300		390	58
91-57-6	2-Methylnaphthalene	3350		390	50
118-74-1	Hexachlorobenzene	3220		39	5.3
77-47-4	Hexachlorocyclopentadiene	1320		390	45
88-06-2	2,4,6-Trichlorophenol	7230		390	45
95-95-4	2,4,5-Trichlorophenol	7060		390	50
92-52-4	Diphenyl	3300		390	52
91-58-7	2-Chloronaphthalene	3340		390	43
88-74-4	2-Nitroaniline	3840		780	160
606-20-2	2,6-Dinitrotoluene	3870		78	12
131-11-3	Dimethyl phthalate	4010		390	46
208-96-8	Acenaphthylene	3420		390	46
99-09-2	3-Nitroaniline	3960		780	140
83-32-9	Acenaphthene	3420		390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: u77660.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2012 03:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700		1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	3660		390	45
84-66-2	Diethyl phthalate	4130		390	46
86-73-7	Fluorene	3880		390	49
206-44-0	Fluoranthene	3650		390	51
84-74-2	Di-n-butyl phthalate	3560		390	48
121-14-2	2,4-Dinitrotoluene	4240		78	13
7005-72-3	4-Chlorophenyl phenyl ether	3560		390	45
100-01-6	4-Nitroaniline	4560		780	120
534-52-1	4,6-Dinitro-2-methylphenol	147	J	1200	110
101-55-3	4-Bromophenyl phenyl ether	3210		390	38
1912-24-9	Atrazine	2410		390	60
120-12-7	Anthracene	3410		390	47
86-74-8	Carbazole	3630		390	46
85-01-8	Phenanthrene	3300		390	49
87-86-5	Pentachlorophenol	2290		1200	120
129-00-0	Pyrene	3840		390	32
218-01-9	Chrysene	3650		390	45
207-08-9	Benzo[k]fluoranthene	3390		39	2.9
191-24-2	Benzo[g,h,i]perylene	3330		390	29
205-99-2	Benzo[b]fluoranthene	2800		39	2.4
50-32-8	Benzo[a]pyrene	3400		39	2.7
56-55-3	Benzo[a]anthracene	3630		39	2.7
86-30-6	N-Nitrosodiphenylamine	3490		390	38
85-68-7	Butyl benzyl phthalate	4100		390	35
117-81-7	Bis(2-ethylhexyl) phthalate	3830		390	130
117-84-0	Di-n-octyl phthalate	3350		390	25
193-39-5	Indeno[1,2,3-cd]pyrene	2750		39	7.2
53-70-3	Dibenz(a,h)anthracene	3250		39	4.9
91-94-1	3,3'-Dichlorobenzidine	3920		780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	2860		390	52
58-90-2	2,3,4,6-Tetrachlorophenol	2950		390	50
123-91-1	1,4-Dioxane	1280		390	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS Lab Sample ID: 460-41492-8 MS

Matrix: Solid Lab File ID: u77660.d

Analysis Method: 8270C Date Collected: 06/19/2012 09:35

Extract. Method: 3541 Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.00(g) Date Analyzed: 06/24/2012 03:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	101		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	96		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77660.d
Report Date: 25-Jun-2012 17:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77660.d
Lab Smp Id: 460-41492-D-8-J MS Client Smp ID: SF-8
Inj Date : 24-JUN-2012 03:54
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-8-J MS
Misc Info : 460-41492-D-8-J MS
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 5 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	15.00000	Weight of sample extracted (g)
M	14.36364	% 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	1.216	1.180	(0.322)	17900	16.4547	1300
	19 N-Nitrosodimethylamine	74	1.421	1.399	(0.376)	81436	39.9059	3100
	71 Pyridine	79	1.443	1.414	(0.382)	79477	24.6041	1900
$	16 2-Fluorophenol (SUR)	112	2.513	2.499	(0.665)	268997	95.7485	7400
	110 Benzaldehyde	77	3.327	3.323	(0.881)	84582	55.1161	4300
	73 Aniline	93	3.443	3.440	(0.912)	177575	36.9336	2900
$	17 Phenol-d5 (SUR)	99	3.451	3.448	(0.914)	420154	101.295	7900
	1 Phenol	94	3.466	3.455	(0.918)	455894	101.988	7900
	20 bis(2-Chloroethyl)ether	93	3.525	3.522	(0.933)	143560	42.1511	3300
	2 2-Chlorophenol	128	3.570	3.567	(0.945)	258743	99.1120	7700
	113 n-decane	43	3.629	3.633	(0.961)	87510	19.8490	1500
	21 1,3-Dichlorobenzene	146	3.718	3.720	(0.984)	103871	34.1483	2600
*	79 1,4-Dichlorobenzene-d4	152	3.777	3.778	(1.000)	83110	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77660.d
Report Date: 25-Jun-2012 17:27

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22	1,4-Dichlorobenzene	146	3.791	3.793	(1.004)	107803	34.3165	2700
	74	Benzyl Alcohol	108	3.937	3.940	(1.042)	102489	50.9294	4000
	23	1,2-Dichlorobenzene	146	3.945	3.948	(1.044)	112819	37.7588	2900
	24	bis (2-chloroisopropyl) ether	45	4.071	4.073	(1.078)	256538	40.0640	3100
	3	2-Methylphenol	108	4.071	4.073	(1.078)	286591	101.982	7900
	104	Acetophenone	105	4.203	4.204	(1.113)	196909	40.5611	3200
	25	N-Nitroso-di-n-propylamine	70	4.218	4.219	(1.117)	146473	47.5676	3700(MH)
	4	4-Methylphenol	108	4.241	4.242	(1.123)	296100	102.232	8000
	123	3 & 4 Methylphenol	108	4.241	4.242	(1.123)	296100	102.081	7900
	26	Hexachloroethane	117	4.285	4.285	(1.135)	54852	32.4744	2500
$	76	Nitrobenzene-d5 (SUR)	82	4.351	4.358	(0.856)	194834	39.5554	3100
	27	Nitrobenzene	77	4.373	4.381	(0.861)	253260	38.9965	3000
	107	N,N-Dimethylaniline	120	4.381	4.381	(1.160)	149368	38.3672	3000
	28	Isophorone	82	4.637	4.629	(0.913)	347340	41.9199	3300
	5	2-Nitrophenol	139	4.704	4.703	(0.926)	157154	95.2773	7400
	6	2,4-Dimethylphenol	122	4.778	4.778	(0.940)	259311	105.692	8200
	29	bis(2-Chloroethoxy)methane	93	4.859	4.859	(0.956)	191152	45.4632	3500
	7	2,4-Dichlorophenol	162	4.962	4.963	(0.977)	271653	100.452	7800
	30	1,2,4-Trichlorobenzene	180	5.029	5.030	(0.990)	114849	38.9597	3000
*	80	Naphthalene-d8	136	5.081	5.082	(1.000)	319330	40.0000	
	31	Naphthalene	128	5.104	5.104	(1.004)	325600	41.5696	3200
	32	4-Chloroaniline	127	5.170	5.177	(1.018)	137845	43.1321	3400
	33	Hexachlorobutadiene	225	5.236	5.244	(1.030)	66033	33.2131	2600
	111	Caprolactam	113	5.588	5.577	(1.100)	38514	42.6495	3300
	8	4-Chloro-3-methylphenol	107	5.712	5.710	(1.124)	351329	106.601	8300
	34	2-Methylnaphthalene	142	5.809	5.806	(1.143)	221807	43.0557	3400
	120	1-Methylnaphthalene	142	5.905	5.908	(1.162)	212452	39.9877	3100
	35	Hexachlorocyclopentadiene	237	5.971	5.974	(0.873)	39194	16.8918	1300
	129	1,2,4,5-Tetrachlorobenzene	216	5.984	5.981	(0.875)	131254	36.7486	2900
	9	2,4,6-Trichlorophenol	196	6.109	6.113	(0.893)	214984	92.9252	7200
	10	2,4,5-Trichlorophenol	196	6.154	6.158	(0.900)	219089	90.6923	7100
$	77	2-Fluorobiphenyl (SUR)	172	6.184	6.188	(0.904)	277914	39.4757	3100
	102	Diphenyl	154	6.279	6.284	(0.918)	315832	42.4411	3300
	36	2-Chloronaphthalene	162	6.294	6.292	(0.920)	268756	42.8794	3300
	103	Diphenyl Ether	170	6.383	6.388	(0.933)	183316	43.4074	3400
	37	2-Nitroaniline	65	6.413	6.417	(0.938)	156743	49.3269	3800
	38	Dimethylphthalate	163	6.603	6.607	(0.965)	380003	51.5439	4000
	40	2,6-Dinitrotoluene	165	6.663	6.667	(0.974)	86880	49.6986	3900
	39	Acenaphthylene	152	6.700	6.704	(0.979)	408091	43.9149	3400
	41	3-Nitroaniline	138	6.825	6.827	(0.998)	84229	50.8060	4000
*	82	Acenaphthene-d10	164	6.840	6.842	(1.000)	221971	40.0000	
	42	Acenaphthene	154	6.878	6.878	(1.005)	246660	43.9719	3400
	12	4-Nitrophenol	65	7.041	7.033	(1.029)	159436	73.2044	5700
	43	Dibenzofuran	168	7.048	7.047	(1.030)	415044	47.0126	3600
	44	2,4-Dinitrotoluene	165	7.062	7.070	(1.032)	125555	54.4786	4200
	130	2,3,4,6-Tetrachlorophenol	232	7.188	7.187	(1.051)	69485	37.8818	2900
	45	Diethylphthalate	149	7.312	7.305	(1.069)	408568	53.0130	4100

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77660.d
Report Date: 25-Jun-2012 17:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	47 Fluorene	166	7.386	7.385	(1.080)	343516	49.8420	3900
	46 4-Chlorophenyl-phenylether	204	7.394	7.392	(1.081)	162074	45.7088	3600
	48 4-Nitroaniline	138	7.446	7.444	(1.088)	85871	58.6194	4600(R)
	13 4,6-Dinitro-2-methylphenol	198	7.475	7.474	(0.900)	3042	1.88745	150(aR)
	49 N-Nitrosodiphenylamine	169	7.520	7.526	(0.905)	242817	44.8512	3500
	75 1,2-Diphenylhydrazine	77	7.550	7.556	(0.909)	490093	33.7695	2600
$	18 2,4,6-Tribromophenol (SUR)	330	7.632	7.629	(1.116)	108332	78.6971	6100
	50 4-Bromophenyl-phenylether	248	7.873	7.873	(0.948)	96939	41.2757	3200
	51 Hexachlorobenzene	284	7.939	7.940	(0.956)	121437	41.3773	3200
	112 Atrazine	200	8.064	8.066	(0.971)	68521	30.9935	2400
	14 Pentachlorophenol	266	8.139	8.138	(0.980)	51650	29.3964	2300
	115 n-Octadecane	57	8.234	8.240	(0.991)	302963	39.8070	3100
*	83 Phenanthrene-d10	188	8.308	8.306	(1.000)	409242	40.0000	
	52 Phenanthrene	178	8.330	8.329	(1.003)	483806	42.3347	3300
	53 Anthracene	178	8.382	8.381	(1.009)	504801	43.8552	3400
	54 Carbazole	167	8.552	8.551	(1.029)	457387	46.6114	3600
	55 Di-n-butylphthalate	149	8.904	8.904	(1.072)	669752	45.7023	3600
	56 Fluoranthene	202	9.498	9.498	(1.143)	548132	46.8928	3600
	58 Benzidine	184	9.631	9.637	(1.159)	25772	10.9002	850
	57 Pyrene	202	9.712	9.718	(0.885)	540182	49.3101	3800
$	78 Terphenyl-d14	244	9.881	9.881	(0.901)	325101	43.8629	3400
	59 Butylbenzylphthalate	149	10.373	10.375	(0.946)	289694	52.6348	4100
	60 3,3'-Dichlorobenzidine	252	10.938	10.941	(0.997)	128038	50.3085	3900
	61 Benzo(a)anthracene	228	10.953	10.948	(0.999)	403463	46.6116	3600
*	81 Chrysene-d12	240	10.968	10.970	(1.000)	295678	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.013	11.015	(1.004)	347218	49.1570	3800
	62 Chrysene	228	10.998	11.000	(1.003)	353443	46.9221	3600
	64 Di-n-octylphthalate	149	11.801	11.803	(0.926)	511562	43.0508	3400
	65 Benzo(b)fluoranthene	252	12.254	12.259	(0.962)	295379	36.0151	2800
	66 Benzo(k)fluoranthene	252	12.291	12.296	(0.965)	324283	43.4916	3400
	67 Benzo(a)pyrene	252	12.667	12.677	(0.994)	249078	43.6324	3400
*	84 Perylene-d12	264	12.742	12.744	(1.000)	217920	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.135	14.140	(1.109)	214662	35.3504	2800(M)
	69 Dibenz(a,h)anthracene	278	14.165	14.170	(1.112)	219000	41.7231	3200
	70 Benzo(g,h,i)perylene	276	14.488	14.494	(1.137)	228427	42.7977	3300

QC Flag Legend

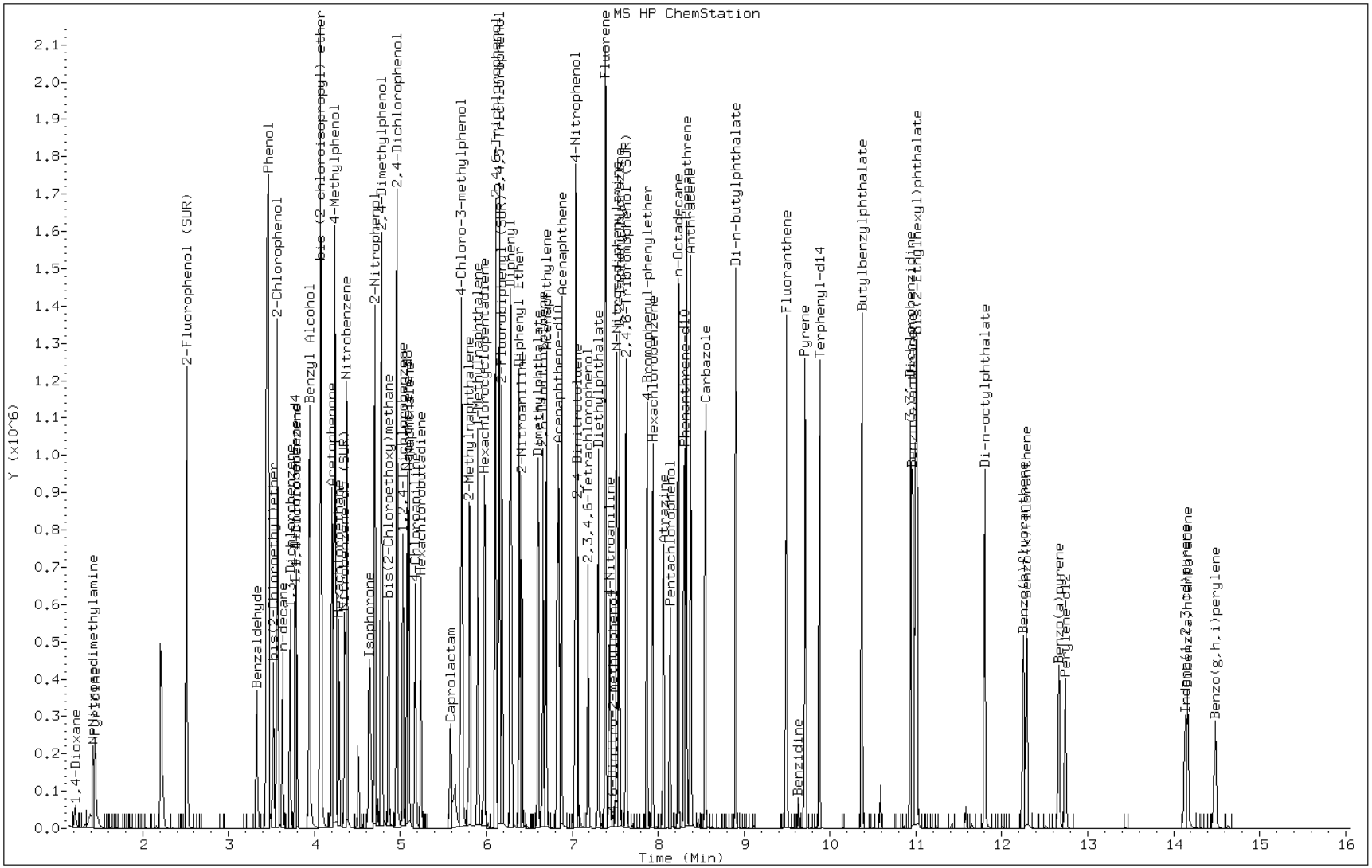
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77660.d

Date: 24-JUN-2012 03:54

Client ID: SF-8 Instrument: BNAMS4.i

Sample Info: 460-41492-D-8-J MS Operator: BNAMS 4



Manual Integration Report

Data File: u77660.d
Inj. Date and Time: 24-JUN-2012 03:54
Instrument ID: BNAMS4.i
Client ID: SF-8
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/26/2012

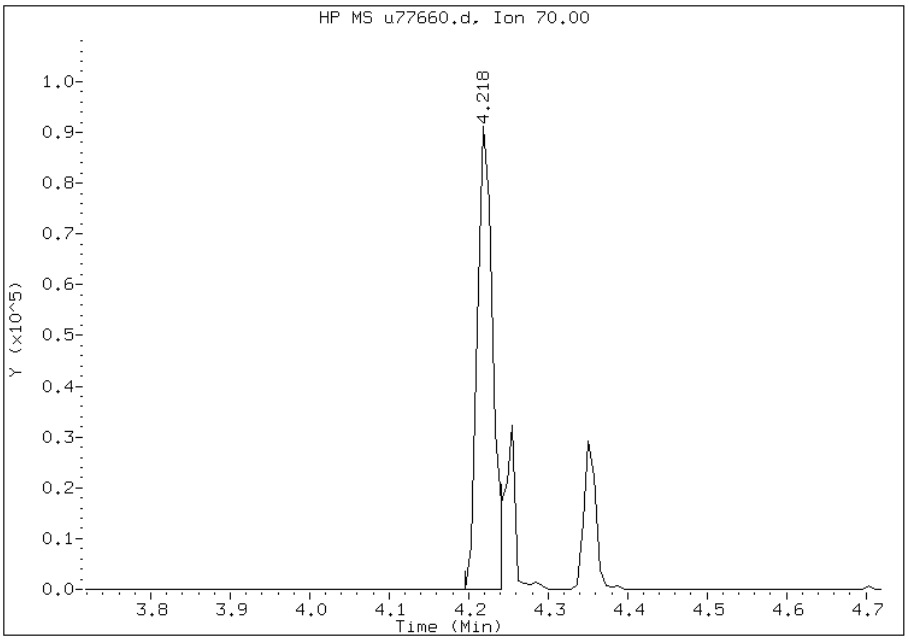
Processing Integration Results

RT: 4.22

Response: 123268

Amount: 40

Conc: 3116



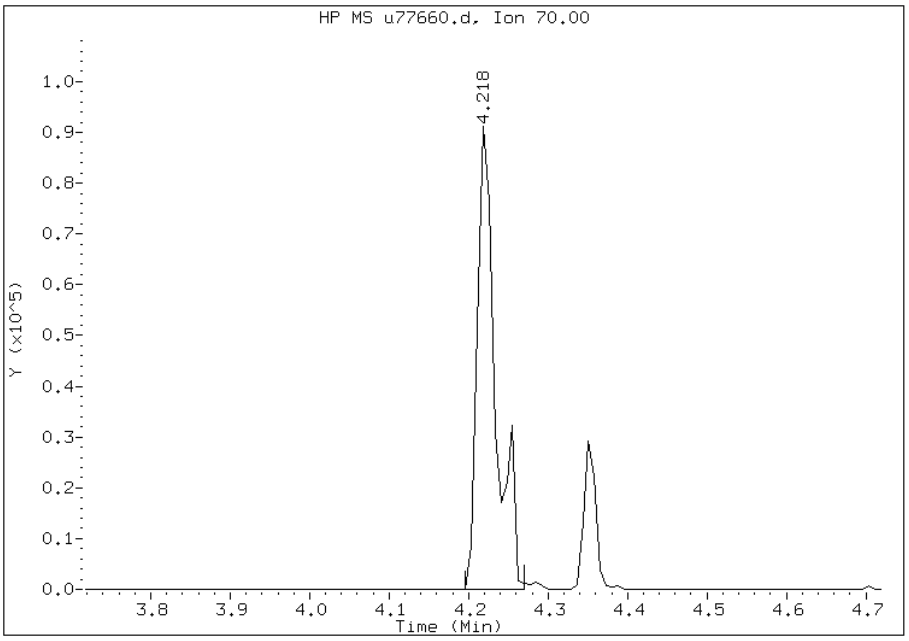
Manual Integration Results

RT: 4.22

Response: 146473

Amount: 48

Conc: 3703



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u77660.d
Inj. Date and Time: 24-JUN-2012 03:54
Instrument ID: BNAMS4.i
Client ID: SF-8
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/26/2012

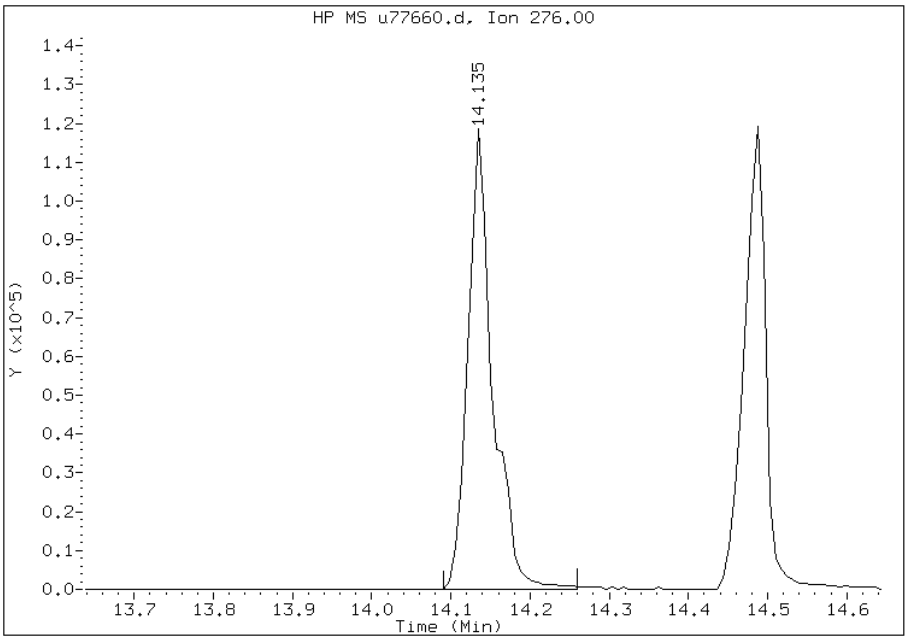
Processing Integration Results

RT: 14.14

Response: 255151

Amount: 42

Conc: 3271



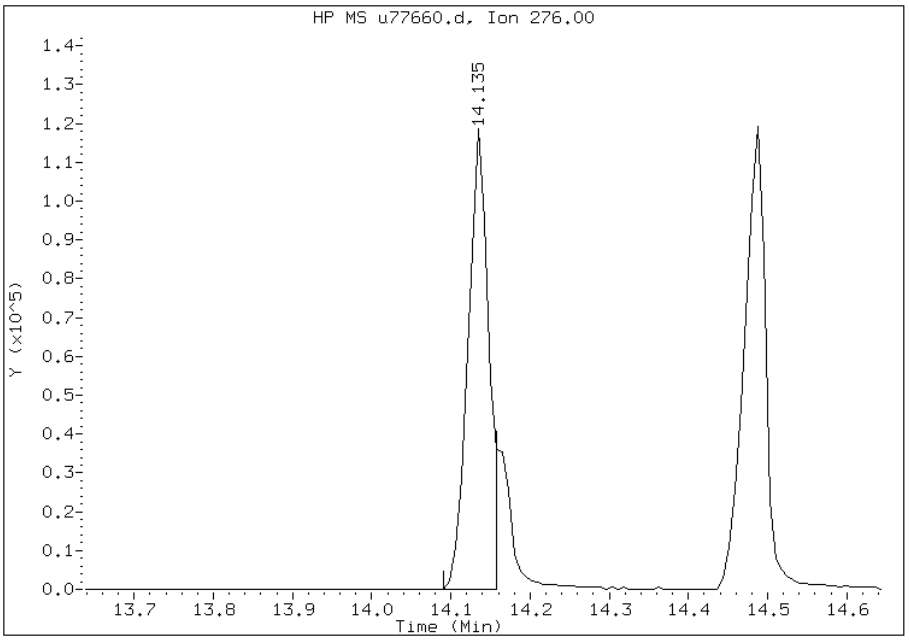
Manual Integration Results

RT: 14.14

Response: 214662

Amount: 35

Conc: 2752



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: p31241.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 04:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5400		380	51
95-57-8	2-Chlorophenol	5700		380	50
95-48-7	2-Methylphenol	5870		380	65
106-44-5	4-Methylphenol	5630		380	75
100-52-7	Benzaldehyde	4020		380	45
98-86-2	Acetophenone	2910		380	58
111-44-4	Bis(2-chloroethyl)ether	2770		38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	3000		380	42
621-64-7	N-Nitrosodi-n-propylamine	3150		38	6.3
98-95-3	Nitrobenzene	3230		38	5.4
67-72-1	Hexachloroethane	2460		38	4.2
78-59-1	Isophorone	3080		380	46
88-75-5	2-Nitrophenol	5860		380	42
105-67-9	2,4-Dimethylphenol	5860		380	94
120-83-2	2,4-Dichlorophenol	5640		380	56
111-91-1	Bis(2-chloroethoxy)methane	3070		380	49
91-20-3	Naphthalene	3030		380	44
106-47-8	4-Chloroaniline	2690		380	100
87-68-3	Hexachlorobutadiene	2730		77	9.3
105-60-2	Caprolactam	2890		380	88
59-50-7	4-Chloro-3-methylphenol	6170		380	57
91-57-6	2-Methylnaphthalene	2980		380	49
118-74-1	Hexachlorobenzene	3450		38	5.2
77-47-4	Hexachlorocyclopentadiene	2290		380	45
88-06-2	2,4,6-Trichlorophenol	5240		380	44
95-95-4	2,4,5-Trichlorophenol	5620		380	49
92-52-4	Diphenyl	3330		380	51
91-58-7	2-Chloronaphthalene	3140		380	42
88-74-4	2-Nitroaniline	3300		770	160
606-20-2	2,6-Dinitrotoluene	3300		77	11
131-11-3	Dimethyl phthalate	3300		380	45
208-96-8	Acenaphthylene	3180		380	45
99-09-2	3-Nitroaniline	2970		770	130
83-32-9	Acenaphthene	3270		380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: p31241.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 04:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5920		1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	3240		380	45
84-66-2	Diethyl phthalate	3270		380	45
86-73-7	Fluorene	3320		380	49
206-44-0	Fluoranthene	3580		380	51
84-74-2	Di-n-butyl phthalate	3460		380	47
121-14-2	2,4-Dinitrotoluene	3230		77	13
7005-72-3	4-Chlorophenyl phenyl ether	3330		380	45
100-01-6	4-Nitroaniline	3040		770	120
534-52-1	4,6-Dinitro-2-methylphenol	394	J	1100	100
101-55-3	4-Bromophenyl phenyl ether	3490		380	38
1912-24-9	Atrazine	2520		380	59
120-12-7	Anthracene	3380		380	46
86-74-8	Carbazole	3520		380	45
85-01-8	Phenanthrene	3520		380	48
87-86-5	Pentachlorophenol	3380		1100	110
129-00-0	Pyrene	3140		380	32
218-01-9	Chrysene	3370		380	44
207-08-9	Benzo[k]fluoranthene	3170		38	2.9
191-24-2	Benzo[g,h,i]perylene	3280		380	28
205-99-2	Benzo[b]fluoranthene	2860		38	2.4
50-32-8	Benzo[a]pyrene	3060		38	2.7
56-55-3	Benzo[a]anthracene	3300		38	2.7
86-30-6	N-Nitrosodiphenylamine	3600		380	37
85-68-7	Butyl benzyl phthalate	3190		380	35
117-81-7	Bis(2-ethylhexyl) phthalate	3170		380	130
117-84-0	Di-n-octyl phthalate	2870		380	24
193-39-5	Indeno[1,2,3-cd]pyrene	2800		38	7.1
53-70-3	Dibenz(a,h)anthracene	3350		38	4.8
91-94-1	3,3'-Dichlorobenzidine	3400		770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	2940		380	51
58-90-2	2,3,4,6-Tetrachlorophenol	2040		380	49
123-91-1	1,4-Dioxane	1510		380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: p31241.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 04:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31241.d
Report Date: 24-Jun-2012 03:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31241.d
Lab Smp Id: 460-41492-D-21-G MS Client Smp ID: F-6
Inj Date : 22-JUN-2012 04:26
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41492-D-21-G MS
Misc Info : 460-41492-D-21-G MS
Comment   :
Method   : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.d
Als bottle: 6 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	15.00000	Weight of sample extracted (g)
M	13.01115	% 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	1.281	1.187	(0.322)	242278	19.6834	1500
	19 N-Nitrosodimethylamine	74	1.492	1.410	(0.376)	687379	40.5029	3100
	71 Pyridine	79	1.516	1.434	(0.382)	745461	25.2790	1900
$	16 2-Fluorophenol (SUR)	112	2.615	2.579	(0.658)	1850522	69.8060	5300
	110 Benzaldehyde	77	3.484	3.473	(0.877)	454335	52.3992	4000
$	17 Phenol-d5 (SUR)	99	3.619	3.619	(0.911)	2330696	73.9279	5700
	73 Aniline	93	3.614	3.608	(0.910)	1100528	28.7119	2200
	1 Phenol	94	3.637	3.631	(0.916)	2454290	70.4195	5400
	20 bis(2-Chloroethyl)ether	93	3.702	3.702	(0.932)	1006104	36.0957	2800
	2 2-Chlorophenol	128	3.743	3.743	(0.942)	1982920	74.3745	5700
	113 n-decane	43	3.825	3.825	(0.963)	585132	21.8671	1700
	21 1,3-Dichlorobenzene	146	3.907	3.907	(0.984)	1016183	32.3721	2500
*	79 1,4-Dichlorobenzene-d4	152	3.972	3.972	(1.000)	811323	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31241.d
Report Date: 24-Jun-2012 03:07

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.990	3.990	(1.004)	1037422	33.0524	2500
	74 Benzyl Alcohol	108	4.154	4.160	(1.046)	587624	36.2539	2800
	23 1,2-Dichlorobenzene	146	4.154	4.160	(1.046)	1003969	34.2351	2600
	3 2-Methylphenol	108	4.301	4.307	(1.083)	1755356	76.5744	5900
	24 bis (2-chloroisopropyl) ether	45	4.301	4.307	(1.083)	1090724	39.1736	3000
	104 Acetophenone	105	4.442	4.448	(1.118)	1273828	37.9331	2900
	25 N-Nitroso-di-n-propylamine	70	4.460	4.465	(1.123)	721928	41.1614	3200
	4 4-Methylphenol	108	4.483	4.489	(1.129)	1639573	73.4840	5600
	123 3 & 4 Methylphenol	108	4.483	4.489	(1.129)	1639573	73.0913	5600
	26 Hexachloroethane	117	4.518	4.524	(1.138)	394600	32.0984	2400
$	76 Nitrobenzene-d5 (SUR)	82	4.595	4.601	(0.857)	977060	35.1283	2700
	27 Nitrobenzene	77	4.618	4.630	(0.862)	1393935	42.1976	3200
	107 N,N-Dimethylaniline	120	4.624	4.630	(1.164)	1202776	33.6796	2600
	28 Isophorone	82	4.894	4.894	(0.913)	1699501	40.2368	3100
	5 2-Nitrophenol	139	4.971	4.971	(0.928)	1009341	76.4241	5800
	6 2,4-Dimethylphenol	122	5.059	5.059	(0.944)	1609867	76.4655	5900
	29 bis(2-Chloroethoxy)methane	93	5.147	5.147	(0.961)	1042711	40.0378	3100
	7 2,4-Dichlorophenol	162	5.235	5.241	(0.977)	1368855	73.6484	5600
	30 1,2,4-Trichlorobenzene	180	5.312	5.312	(0.991)	804149	36.5822	2800
*	80 Naphthalene-d8	136	5.359	5.364	(1.000)	2440553	40.0000	
	31 Naphthalene	128	5.382	5.388	(1.004)	2472119	39.5166	3000
	32 4-Chloroaniline	127	5.464	5.470	(1.020)	839164	35.0797	2700
	33 Hexachlorobutadiene	225	5.535	5.535	(1.033)	440868	35.6616	2700
	111 Caprolactam	113	5.870	5.876	(1.095)	196759	37.6799	2900
	8 4-Chloro-3-methylphenol	107	6.017	6.017	(1.123)	1470582	80.4967	6200
	34 2-Methylnaphthalene	142	6.111	6.111	(1.140)	1574558	38.8415	3000
	120 1-Methylnaphthalene	142	6.211	6.211	(1.159)	1500256	36.2922	2800
	35 Hexachlorocyclopentadiene	237	6.281	6.287	(0.878)	306465	29.8424	2300
	129 1,2,4,5-Tetrachlorobenzene	216	6.293	6.293	(0.879)	703377	38.3763	2900
	9 2,4,6-Trichlorophenol	196	6.422	6.422	(0.897)	759322	68.4165	5200
	10 2,4,5-Trichlorophenol	196	6.463	6.469	(0.903)	834288	73.3323	5600
$	77 2-Fluorobiphenyl (SUR)	172	6.498	6.504	(0.908)	1498446	36.9601	2800
	102 Diphenyl	154	6.592	6.598	(0.921)	1927276	43.4977	3300
	36 2-Chloronaphthalene	162	6.604	6.610	(0.923)	1414142	40.9128	3100
	103 Diphenyl Ether	170	6.704	6.704	(0.937)	1041956	41.5267	3200
	37 2-Nitroaniline	65	6.728	6.733	(0.940)	455527	43.1231	3300
	38 Dimethylphthalate	163	6.927	6.927	(0.968)	1405844	43.0713	3300(H)
	40 2,6-Dinitrotoluene	165	6.980	6.986	(0.975)	338083	43.0790	3300
	39 Acenaphthylene	152	7.015	7.016	(0.980)	2112390	41.4641	3200
	41 3-Nitroaniline	138	7.145	7.145	(0.998)	314685	38.7618	3000
*	82 Acenaphthene-d10	164	7.157	7.162	(1.000)	1188181	40.0000	
	42 Acenaphthene	154	7.192	7.192	(1.005)	1356319	42.7316	3300
	11 2,4-Dinitrophenol	184	7.268	7.262	(1.016)	3053	0.82838	63(aR)
	12 4-Nitrophenol	65	7.350	7.356	(1.027)	432367	77.2821	5900
	44 2,4-Dinitrotoluene	165	7.380	7.386	(1.031)	403483	42.1113	3200
	43 Dibenzofuran	168	7.362	7.368	(1.029)	1830381	42.2399	3200
	130 2,3,4,6-Tetrachlorophenol	232	7.503	7.509	(1.048)	193880	26.5913	2000(R)

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31241.d
Report Date: 24-Jun-2012 03:07

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	45 Diethylphthalate	149	7.627	7.632	(1.066)	1343670	42.6645	3300
	47 Fluorene	166	7.703	7.709	(1.076)	1507654	43.3748	3300
	46 4-Chlorophenyl-phenylether	204	7.715	7.715	(1.078)	736094	43.5024	3300
	48 4-Nitroaniline	138	7.750	7.756	(1.083)	264053	39.6034	3000
	13 4,6-Dinitro-2-methylphenol	198	7.791	7.791	(0.904)	23734	5.13467	390(aR)
	49 N-Nitrosodiphenylamine	169	7.838	7.844	(0.909)	998988	46.9790	3600
	75 1,2-Diphenylhydrazine	77	7.867	7.873	(0.913)	1516235	41.5609	3200
$	18 2,4,6-Tribromophenol (SUR)	330	7.944	7.950	(1.110)	282631	62.5104	4800
	50 4-Bromophenyl-phenylether	248	8.191	8.196	(0.950)	378315	45.4962	3500
	51 Hexachlorobenzene	284	8.255	8.255	(0.958)	394706	45.0646	3400
	112 Atrazine	200	8.384	8.384	(0.973)	235431	32.9250	2500
	14 Pentachlorophenol	266	8.455	8.461	(0.981)	190904	44.1298	3400
	115 n-Octadecane	57	8.567	8.567	(0.994)	952484	50.3149	3800
*	83 Phenanthrene-d10	188	8.620	8.625	(1.000)	1375665	40.0000	
	52 Phenanthrene	178	8.643	8.649	(1.003)	1705439	45.8763	3500
	53 Anthracene	178	8.690	8.696	(1.008)	1654270	44.1676	3400
	54 Carbazole	167	8.866	8.866	(1.029)	1398126	45.8802	3500
	55 Di-n-butylphthalate	149	9.231	9.231	(1.071)	1718067	45.1700	3500
	56 Fluoranthene	202	9.806	9.806	(1.138)	1482366	46.6903	3600
	58 Benzidine	184	9.965	9.971	(1.156)	14866	2.99909	230(aR)
	57 Pyrene	202	10.024	10.024	(0.891)	1464042	40.9144	3100
$	78 Terphenyl-d14	244	10.194	10.200	(0.906)	944849	39.2091	3000
	59 Butylbenzylphthalate	149	10.688	10.694	(0.950)	637063	41.5749	3200
	60 3,3'-Dichlorobenzidine	252	11.234	11.234	(0.998)	335216	44.3299	3400
	61 Benzo(a)anthracene	228	11.240	11.246	(0.999)	1133150	43.1173	3300
*	81 Chrysene-d12	240	11.252	11.258	(1.000)	871844	40.0000	
	62 Chrysene	228	11.281	11.281	(1.003)	1060259	43.9133	3400
	63 bis(2-Ethylhexyl)phthalate	149	11.322	11.322	(1.006)	836757	41.3877	3200
	64 Di-n-octylphthalate	149	12.092	12.092	(0.931)	1315455	37.4629	2900
	65 Benzo(b)fluoranthene	252	12.515	12.515	(0.963)	909396	37.3809	2900
	66 Benzo(k)fluoranthene	252	12.544	12.550	(0.966)	1071342	41.3367	3200
	67 Benzo(a)pyrene	252	12.915	12.920	(0.994)	815611	39.8789	3000
*	84 Perylene-d12	264	12.991	12.991	(1.000)	759412	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.360	14.360	(1.105)	759270	36.5750	2800(M)
	69 Dibenz(a,h)anthracene	278	14.389	14.389	(1.108)	831533	43.6564	3300
	70 Benzo(g,h,i)perylene	276	14.689	14.689	(1.131)	852089	42.8183	3300

QC Flag Legend

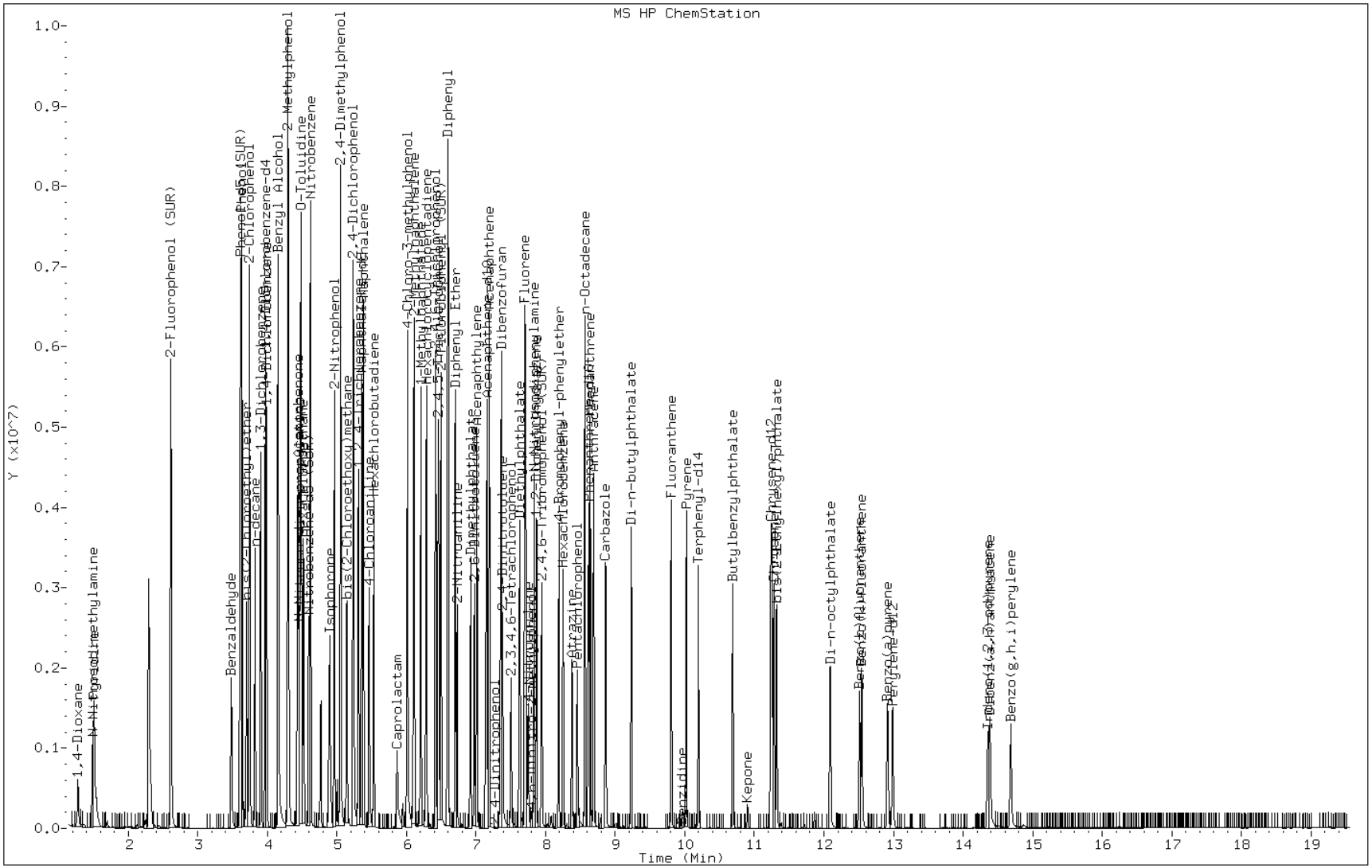
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p31241.d

Date: 22-JUN-2012 04:26

Client ID: F-6 Instrument: BNAMS10.i

Sample Info: 460-41492-D-21-G MS Operator: BNAMS 4



Manual Integration Report

Data File: p31241.d
Inj. Date and Time: 22-JUN-2012 04:26
Instrument ID: BNAMS10.i
Client ID: F-6
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/24/2012

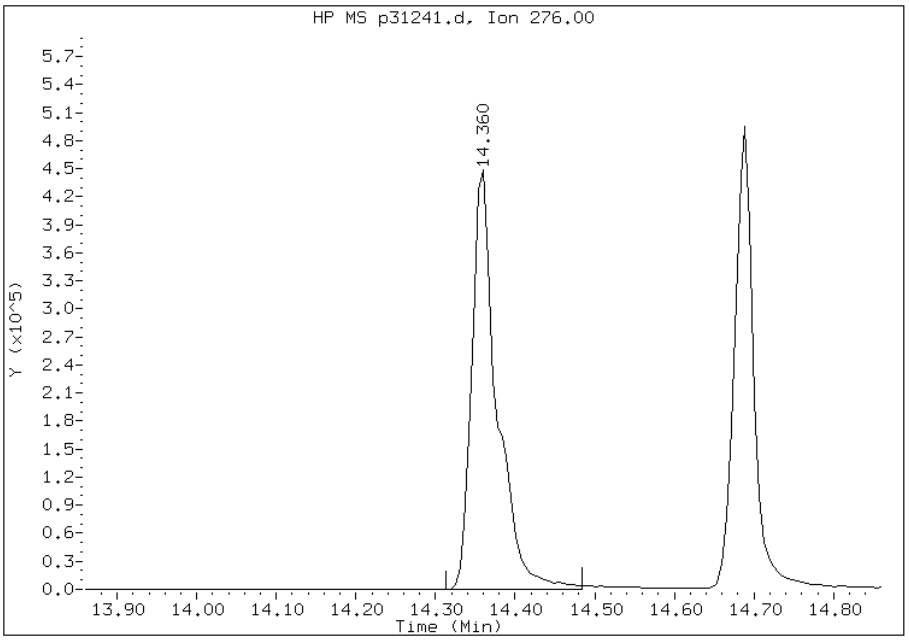
Processing Integration Results

RT: 14.36

Response: 984462

Amount: 47

Conc: 3634



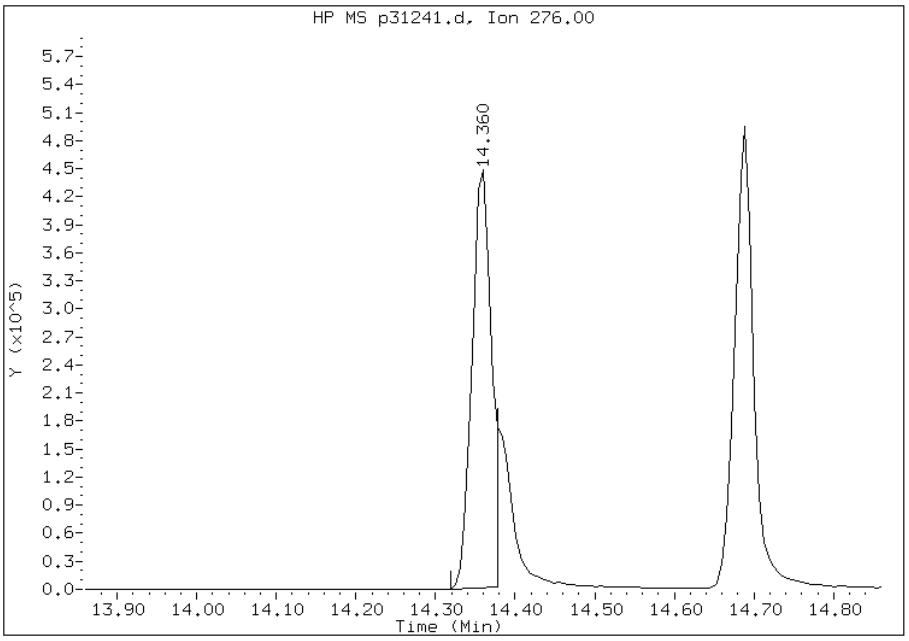
Manual Integration Results

RT: 14.36

Response: 759270

Amount: 37

Conc: 2803



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: u77661.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6740		380	52
95-57-8	2-Chlorophenol	6810		380	51
95-48-7	2-Methylphenol	7180		380	66
106-44-5	4-Methylphenol	7010		380	76
100-52-7	Benzaldehyde	4010		380	45
98-86-2	Acetophenone	2900		380	59
111-44-4	Bis(2-chloroethyl)ether	2740		38	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	2830		380	43
621-64-7	N-Nitrosodi-n-propylamine	3320		38	6.4
98-95-3	Nitrobenzene	2640		38	5.5
67-72-1	Hexachloroethane	2310		38	4.3
78-59-1	Isophorone	2840		380	47
88-75-5	2-Nitrophenol	6210		380	43
105-67-9	2,4-Dimethylphenol	7480		380	95
120-83-2	2,4-Dichlorophenol	6820		380	56
111-91-1	Bis(2-chloroethoxy)methane	3130		380	50
91-20-3	Naphthalene	2780		380	45
106-47-8	4-Chloroaniline	2920		380	100
87-68-3	Hexachlorobutadiene	2330		78	9.4
105-60-2	Caprolactam	3210		380	89
59-50-7	4-Chloro-3-methylphenol	7640		380	58
91-57-6	2-Methylnaphthalene	3080		380	49
118-74-1	Hexachlorobenzene	3200		38	5.3
77-47-4	Hexachlorocyclopentadiene	1110		380	45
88-06-2	2,4,6-Trichlorophenol	5910		380	45
95-95-4	2,4,5-Trichlorophenol	6310		380	50
92-52-4	Diphenyl	2840		380	52
91-58-7	2-Chloronaphthalene	3090		380	43
88-74-4	2-Nitroaniline	3340		780	160
606-20-2	2,6-Dinitrotoluene	3460		78	12
131-11-3	Dimethyl phthalate	3470		380	46
208-96-8	Acenaphthylene	2990		380	46
99-09-2	3-Nitroaniline	3640		780	140
83-32-9	Acenaphthene	2990		380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: u77661.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4890		1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	3140		380	45
84-66-2	Diethyl phthalate	3690		380	46
86-73-7	Fluorene	3690		380	49
206-44-0	Fluoranthene	3310		380	51
84-74-2	Di-n-butyl phthalate	3340		380	48
121-14-2	2,4-Dinitrotoluene	3800		78	13
7005-72-3	4-Chlorophenyl phenyl ether	3130		380	45
100-01-6	4-Nitroaniline	4230		780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	3150		380	38
1912-24-9	Atrazine	2330		380	60
120-12-7	Anthracene	3210		380	47
86-74-8	Carbazole	3430		380	46
85-01-8	Phenanthrene	3180		380	49
87-86-5	Pentachlorophenol	1690		1200	110
129-00-0	Pyrene	3280		380	32
218-01-9	Chrysene	3350		380	45
207-08-9	Benzo[k]fluoranthene	3070		38	2.9
191-24-2	Benzo[g,h,i]perylene	2830		380	29
205-99-2	Benzo[b]fluoranthene	2440		38	2.4
50-32-8	Benzo[a]pyrene	3000		38	2.7
56-55-3	Benzo[a]anthracene	3110		38	2.7
86-30-6	N-Nitrosodiphenylamine	3420		380	38
85-68-7	Butyl benzyl phthalate	3450		380	35
117-81-7	Bis(2-ethylhexyl) phthalate	3490		380	130
117-84-0	Di-n-octyl phthalate	2880		380	25
193-39-5	Indeno[1,2,3-cd]pyrene	2510		38	7.2
53-70-3	Dibenz(a,h)anthracene	2870		38	4.9
91-94-1	3,3'-Dichlorobenzidine	3620		780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	2330		380	52
58-90-2	2,3,4,6-Tetrachlorophenol	2330		380	50
123-91-1	1,4-Dioxane	1190		380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: u77661.d

Analysis Method: 8270C | Date Collected: 06/19/2012 09:35

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:40

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2012 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117392 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77661.d
Report Date: 25-Jun-2012 17:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77661.d
Lab Smp Id: 460-41492-D-8-K MSD Client Smp ID: SF-8
Inj Date : 24-JUN-2012 04:14
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-41492-D-8-K MSD
Misc Info : 460-41492-D-8-K MSD
Comment   :
Method   : /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/8270C_11.m
Meth Date : 24-Jun-2012 02:46 asfawa Quant Type: ISTD
Cal Date : 20-JUN-2012 17:43 Cal File: u77571.d
Als bottle: 6 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	15.04000	Weight of sample extracted (g)
M	14.36364	% 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	1.216	1.180	(0.322)	17088	15.2883	1200
	19 N-Nitrosodimethylamine	74	1.422	1.399	(0.377)	74560	35.5596	2800
	71 Pyridine	79	1.444	1.414	(0.383)	74232	22.3660	1700
$	16 2-Fluorophenol (SUR)	112	2.511	2.499	(0.666)	239411	82.9392	6400
	110 Benzaldehyde	77	3.328	3.323	(0.882)	81457	51.6606	4000
	73 Aniline	93	3.447	3.440	(0.914)	160816	32.5537	2500
$	17 Phenol-d5 (SUR)	99	3.447	3.448	(0.914)	370213	86.8687	6700
	1 Phenol	94	3.462	3.455	(0.918)	398852	86.8418	6700
	20 bis(2-Chloroethyl)ether	93	3.521	3.522	(0.934)	123552	35.3066	2700
	2 2-Chlorophenol	128	3.565	3.567	(0.945)	235347	87.7399	6800
	113 n-decane	43	3.631	3.633	(0.963)	85599	18.8965	1500
	21 1,3-Dichlorobenzene	146	3.719	3.720	(0.986)	97951	31.3411	2400
*	79 1,4-Dichlorobenzene-d4	152	3.771	3.778	(1.000)	85393	40.0000	

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77661.d
Report Date: 25-Jun-2012 17:29

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22	1,4-Dichlorobenzene	146	3.792	3.793	(1.006)	101890	31.5671	2400
	74	Benzyl Alcohol	108	3.941	3.940	(1.045)	93587	45.2625	3500
	23	1,2-Dichlorobenzene	146	3.948	3.948	(1.047)	101689	33.1238	2600
	24	bis (2-chloroisopropyl) ether	45	4.071	4.073	(1.080)	239508	36.4044	2800
	3	2-Methylphenol	108	4.071	4.073	(1.080)	266946	92.4521	7200
	104	Acetophenone	105	4.203	4.204	(1.115)	186061	37.3019	2900
	25	N-Nitroso-di-n-propylamine	70	4.218	4.219	(1.119)	135417	42.8016	3300(MH)
	4	4-Methylphenol	108	4.241	4.242	(1.124)	268692	90.2888	7000
	123	3 & 4 Methylphenol	108	4.241	4.242	(1.124)	268692	90.1551	7000
	26	Hexachloroethane	117	4.285	4.285	(1.136)	51627	29.7479	2300
$	76	Nitrobenzene-d5 (SUR)	82	4.351	4.358	(0.857)	183603	35.9502	2800
	27	Nitrobenzene	77	4.374	4.381	(0.861)	228587	33.9462	2600
	107	N,N-Dimethylaniline	120	4.381	4.381	(1.162)	134801	33.6998	2600
	28	Isophorone	82	4.638	4.629	(0.913)	314426	36.5986	2800
	5	2-Nitrophenol	139	4.704	4.703	(0.926)	136749	79.9592	6200
	6	2,4-Dimethylphenol	122	4.777	4.778	(0.941)	245228	96.3984	7500
	29	bis(2-Chloroethoxy)methane	93	4.859	4.859	(0.957)	175907	40.3501	3100
	7	2,4-Dichlorophenol	162	4.962	4.963	(0.977)	246290	87.8356	6800
	30	1,2,4-Trichlorobenzene	180	5.029	5.030	(0.990)	102739	33.6128	2600
*	80	Naphthalene-d8	136	5.080	5.082	(1.000)	331100	40.0000	
	31	Naphthalene	128	5.102	5.104	(1.004)	290374	35.7544	2800
	32	4-Chloroaniline	127	5.176	5.177	(1.019)	124761	37.6503	2900
	33	Hexachlorobutadiene	225	5.242	5.244	(1.032)	61932	30.0431	2300
	111	Caprolactam	113	5.582	5.577	(1.099)	38752	41.3875	3200
	8	4-Chloro-3-methylphenol	107	5.716	5.710	(1.125)	336320	98.4191	7600
	34	2-Methylnaphthalene	142	5.805	5.806	(1.143)	212118	39.7112	3100
	120	1-Methylnaphthalene	142	5.906	5.908	(1.163)	204584	37.1379	2900
	35	Hexachlorocyclopentadiene	237	5.973	5.974	(0.873)	34531	14.3308	1100
	129	1,2,4,5-Tetrachlorobenzene	216	5.980	5.981	(0.874)	111279	30.0017	2300(R)
	9	2,4,6-Trichlorophenol	196	6.112	6.113	(0.893)	182786	76.0808	5900
	10	2,4,5-Trichlorophenol	196	6.157	6.158	(0.900)	204019	81.3252	6300
$	77	2-Fluorobiphenyl (SUR)	172	6.187	6.188	(0.904)	253024	34.6087	2700
	102	Diphenyl	154	6.283	6.284	(0.918)	283015	36.6222	2800
	36	2-Chloronaphthalene	162	6.296	6.292	(0.920)	258668	39.7409	3100
	103	Diphenyl Ether	170	6.384	6.388	(0.933)	160604	36.6205	2800
	37	2-Nitroaniline	65	6.414	6.417	(0.937)	141804	42.9723	3300
	38	Dimethylphthalate	163	6.606	6.607	(0.965)	342118	44.6860	3500
	40	2,6-Dinitrotoluene	165	6.665	6.667	(0.974)	80977	44.6057	3500
	39	Acenaphthylene	152	6.702	6.704	(0.979)	371170	38.4621	3000
	41	3-Nitroaniline	138	6.828	6.827	(0.998)	80643	46.8408	3600
*	82	Acenaphthene-d10	164	6.843	6.842	(1.000)	230511	40.0000	
	42	Acenaphthene	154	6.873	6.878	(1.004)	224545	38.5465	3000
	12	4-Nitrophenol	65	7.035	7.033	(1.028)	142374	62.9486	4900
	43	Dibenzofuran	168	7.050	7.047	(1.030)	370342	40.3950	3100
	44	2,4-Dinitrotoluene	165	7.064	7.070	(1.032)	117137	48.9430	3800
	130	2,3,4,6-Tetrachlorophenol	232	7.189	7.187	(1.051)	57220	30.0395	2300(R)
	45	Diethylphthalate	149	7.306	7.305	(1.068)	380504	47.5425	3700

Data File: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b/u77661.d
Report Date: 25-Jun-2012 17:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	47 Fluorene	166	7.385	7.385	(1.079)	339951	47.4973	3700
	46 4-Chlorophenyl-phenylether	204	7.392	7.392	(1.080)	148214	40.2513	3100
	48 4-Nitroaniline	138	7.444	7.444	(1.088)	82802	54.4303	4200(R)
	49 N-Nitrosodiphenylamine	169	7.518	7.526	(0.905)	235973	43.9849	3400
	75 1,2-Diphenylhydrazine	77	7.548	7.556	(0.909)	462428	32.1542	2500
$	18 2,4,6-Tribromophenol (SUR)	330	7.630	7.629	(1.115)	95626	66.8933	5200
	50 4-Bromophenyl-phenylether	248	7.875	7.873	(0.948)	94531	40.6178	3200
	51 Hexachlorobenzene	284	7.940	7.940	(0.956)	120034	41.2726	3200
	112 Atrazine	200	8.065	8.066	(0.971)	65642	29.9623	2300
	14 Pentachlorophenol	266	8.138	8.138	(0.980)	37384	21.7417	1700
	115 n-Octadecane	57	8.241	8.240	(0.992)	286067	37.9301	2900
*	83 Phenanthrene-d10	188	8.308	8.306	(1.000)	405540	40.0000	
	52 Phenanthrene	178	8.331	8.329	(1.003)	463565	40.9339	3200
	53 Anthracene	178	8.383	8.381	(1.009)	471621	41.3467	3200
	54 Carbazole	167	8.546	8.551	(1.029)	429627	44.1821	3400
	55 Di-n-butylphthalate	149	8.907	8.904	(1.072)	624258	42.9868	3300
	56 Fluoranthene	202	9.494	9.498	(1.143)	493494	42.6039	3300
	58 Benzidine	184	9.635	9.637	(1.160)	29483	12.5836	980
	57 Pyrene	202	9.717	9.718	(0.886)	505816	42.2225	3300
$	78 Terphenyl-d14	244	9.880	9.881	(0.901)	309447	38.1786	3000
	131 Kepone	272	10.592	10.634	(0.966)	8682	818.668	64000(A)
	59 Butylbenzylphthalate	149	10.373	10.375	(0.946)	267423	44.4312	3400
	60 3,3'-Dichlorobenzidine	252	10.938	10.941	(0.997)	129893	46.6707	3600
	61 Benzo(a)anthracene	228	10.953	10.948	(0.999)	379656	40.1085	3100
*	81 Chrysene-d12	240	10.968	10.970	(1.000)	323343	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.013	11.015	(1.004)	347671	45.0098	3500
	62 Chrysene	228	10.998	11.000	(1.003)	355097	43.1083	3300
	64 Di-n-octylphthalate	149	11.800	11.803	(0.926)	518188	37.0538	2900
	65 Benzo(b)fluoranthene	252	12.254	12.259	(0.961)	302809	31.3715	2400
	66 Benzo(k)fluoranthene	252	12.291	12.296	(0.964)	347218	39.5682	3100
	67 Benzo(a)pyrene	252	12.667	12.677	(0.994)	259313	38.5976	3000
*	84 Perylene-d12	264	12.748	12.744	(1.000)	256469	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.136	14.140	(1.109)	231278	32.3621	2500(M)
	69 Dibenz(a,h)anthracene	278	14.164	14.170	(1.111)	226611	37.0082	2900
	70 Benzo(g,h,i)perylene	276	14.486	14.494	(1.136)	229164	36.4823	2800

QC Flag Legend

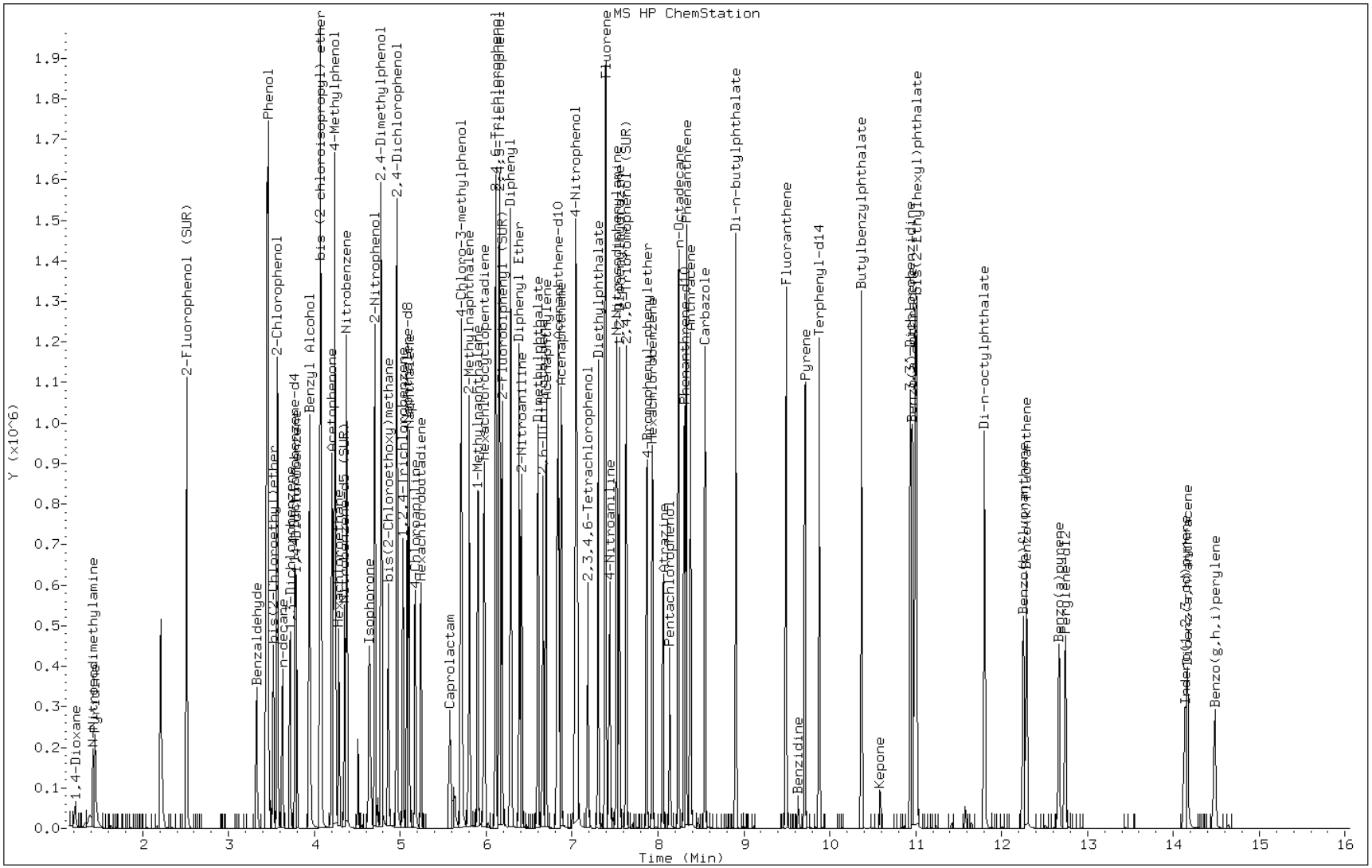
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u77661.d

Date: 24-JUN-2012 04:14

Client ID: SF-8 Instrument: BNAMS4.i

Sample Info: 460-41492-D-8-K MSD Operator: BNAMS 4



Manual Integration Report

Data File: u77661.d
Inj. Date and Time: 24-JUN-2012 04:14
Instrument ID: BNAMS4.i
Client ID: SF-8
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 06/26/2012

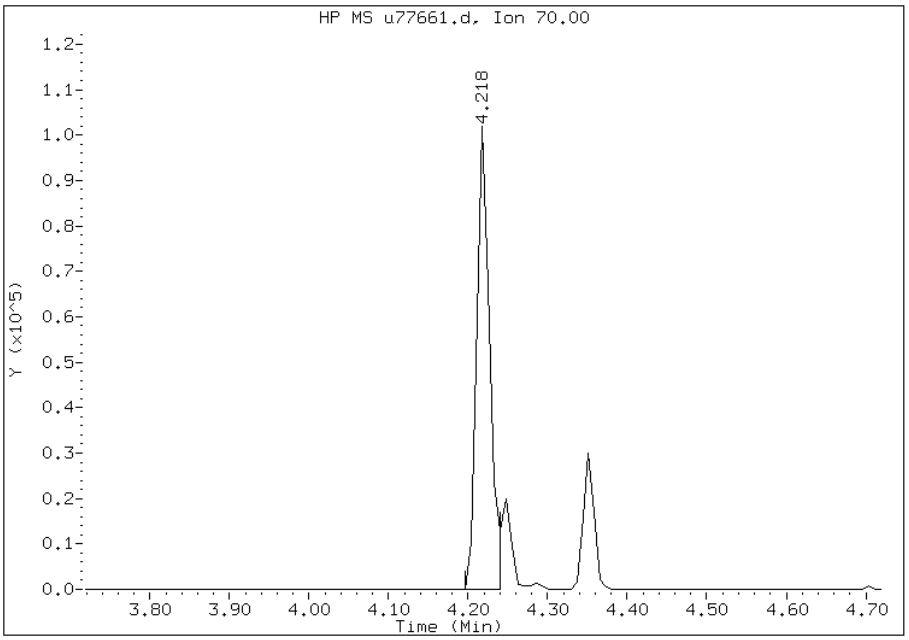
Processing Integration Results

RT: 4.22

Response: 123229

Amount: 39

Conc: 3024



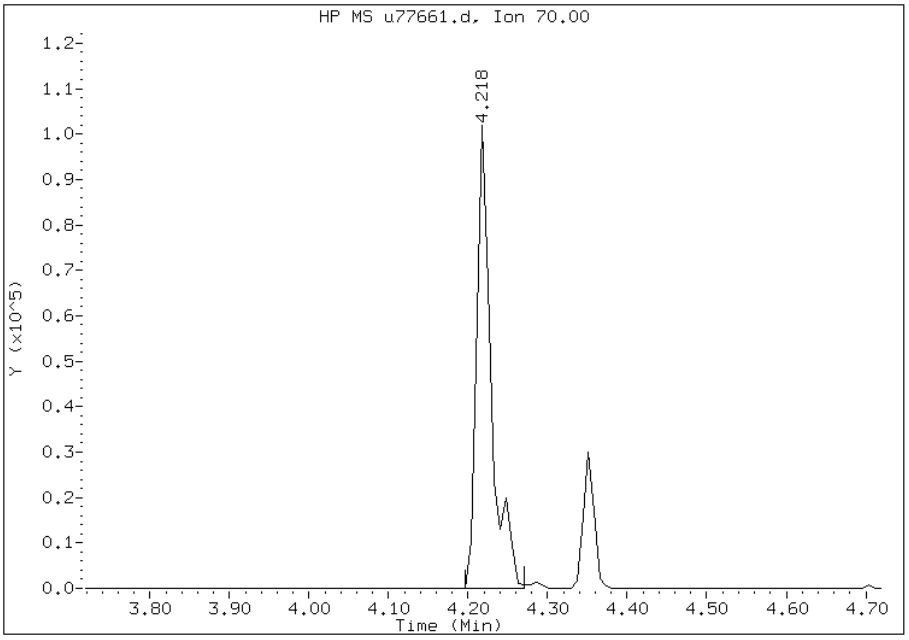
Manual Integration Results

RT: 4.22

Response: 135417

Amount: 43

Conc: 3323



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u77661.d
Inj. Date and Time: 24-JUN-2012 04:14
Instrument ID: BNAMS4.i
Client ID: SF-8
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/26/2012

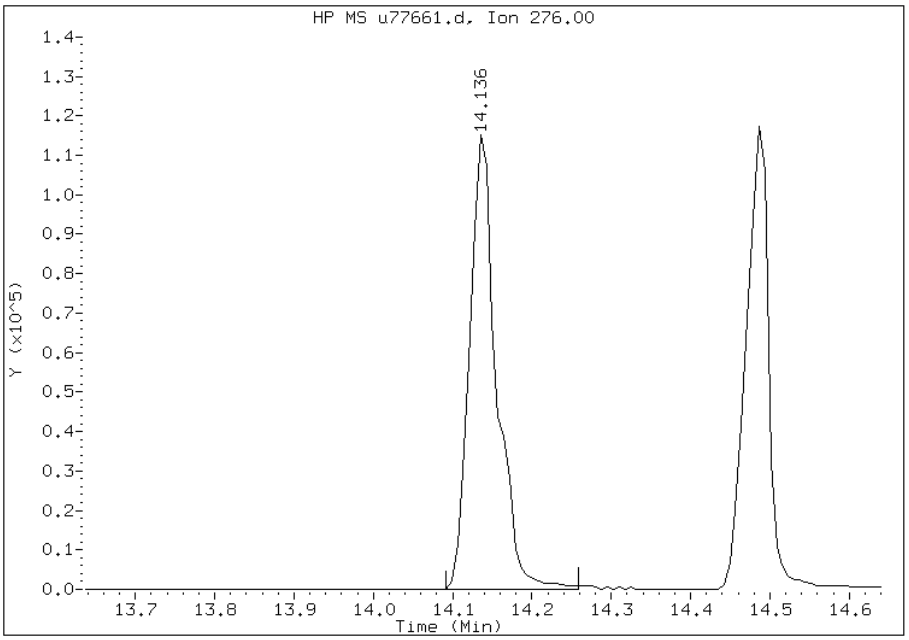
Processing Integration Results

RT: 14.14

Response: 273715

Amount: 38

Conc: 2974



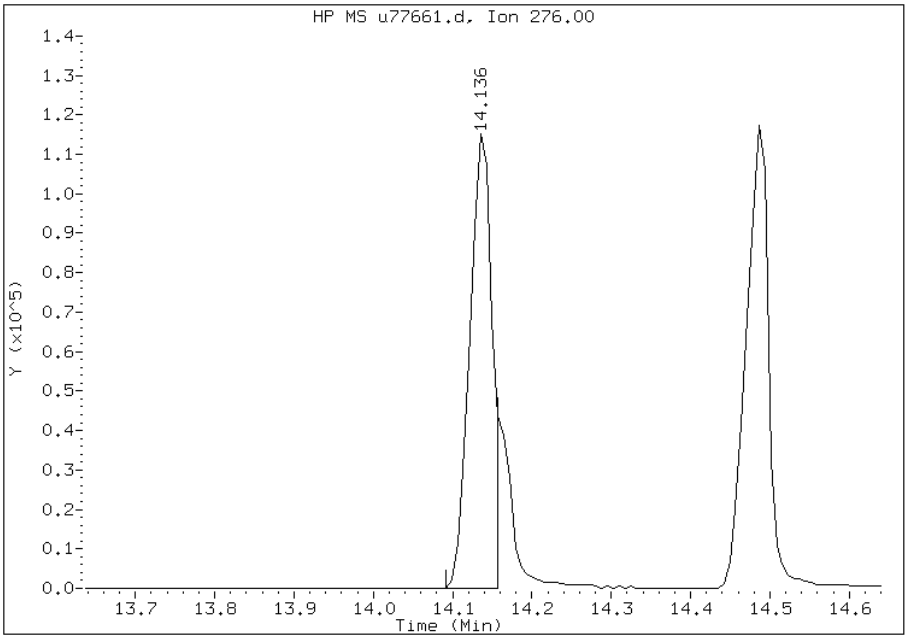
Manual Integration Results

RT: 14.14

Response: 231278

Amount: 32

Conc: 2513



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: p31242.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5870		380	51
95-57-8	2-Chlorophenol	5930		380	50
95-48-7	2-Methylphenol	6430		380	65
106-44-5	4-Methylphenol	6250		380	75
100-52-7	Benzaldehyde	4050		380	45
98-86-2	Acetophenone	3090		380	58
111-44-4	Bis(2-chloroethyl)ether	2860		38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	3100		380	42
621-64-7	N-Nitrosodi-n-propylamine	3260		38	6.3
98-95-3	Nitrobenzene	3230		38	5.4
67-72-1	Hexachloroethane	2470		38	4.2
78-59-1	Isophorone	3220		380	46
88-75-5	2-Nitrophenol	5930		380	42
105-67-9	2,4-Dimethylphenol	6180		380	94
120-83-2	2,4-Dichlorophenol	6120		380	56
111-91-1	Bis(2-chloroethoxy)methane	3200		380	49
91-20-3	Naphthalene	3080		380	44
106-47-8	4-Chloroaniline	2860		380	100
87-68-3	Hexachlorobutadiene	2720		77	9.3
105-60-2	Caprolactam	3330		380	88
59-50-7	4-Chloro-3-methylphenol	6990		380	57
91-57-6	2-Methylnaphthalene	3080		380	49
118-74-1	Hexachlorobenzene	3490		38	5.2
77-47-4	Hexachlorocyclopentadiene	2270		380	45
88-06-2	2,4,6-Trichlorophenol	5360		380	44
95-95-4	2,4,5-Trichlorophenol	5960		380	49
92-52-4	Diphenyl	3260		380	51
91-58-7	2-Chloronaphthalene	3160		380	42
88-74-4	2-Nitroaniline	3420		770	160
606-20-2	2,6-Dinitrotoluene	3510		77	11
131-11-3	Dimethyl phthalate	3470		380	45
208-96-8	Acenaphthylene	3210		380	45
99-09-2	3-Nitroaniline	3150		770	130
83-32-9	Acenaphthene	3300		380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: p31242.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6200		1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	3340		380	45
84-66-2	Diethyl phthalate	3460		380	45
86-73-7	Fluorene	3470		380	49
206-44-0	Fluoranthene	3550		380	51
84-74-2	Di-n-butyl phthalate	3490		380	47
121-14-2	2,4-Dinitrotoluene	3450		77	13
7005-72-3	4-Chlorophenyl phenyl ether	3460		380	45
100-01-6	4-Nitroaniline	3160		770	120
534-52-1	4,6-Dinitro-2-methylphenol	235	J	1100	100
101-55-3	4-Bromophenyl phenyl ether	3490		380	38
1912-24-9	Atrazine	2660		380	59
120-12-7	Anthracene	3390		380	46
86-74-8	Carbazole	3520		380	45
85-01-8	Phenanthrene	3530		380	48
87-86-5	Pentachlorophenol	2660		1100	110
129-00-0	Pyrene	3340		380	32
218-01-9	Chrysene	3440		380	44
207-08-9	Benzo[k]fluoranthene	3250		38	2.9
191-24-2	Benzo[g,h,i]perylene	3230		380	28
205-99-2	Benzo[b]fluoranthene	2970		38	2.4
50-32-8	Benzo[a]pyrene	3150		38	2.7
56-55-3	Benzo[a]anthracene	3310		38	2.7
86-30-6	N-Nitrosodiphenylamine	3660		380	37
85-68-7	Butyl benzyl phthalate	3330		380	35
117-81-7	Bis(2-ethylhexyl) phthalate	3340		380	130
117-84-0	Di-n-octyl phthalate	3050		380	24
193-39-5	Indeno[1,2,3-cd]pyrene	2930		38	7.1
53-70-3	Dibenz(a,h)anthracene	3260		38	4.8
91-94-1	3,3'-Dichlorobenzidine	3330		770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	2840		380	51
58-90-2	2,3,4,6-Tetrachlorophenol	2060		380	49
123-91-1	1,4-Dioxane	1510		380	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: p31242.d

Analysis Method: 8270C | Date Collected: 06/19/2012 14:25

Extract. Method: 3541 | Date Extracted: 06/21/2012 10:41

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117164 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31242.d
Report Date: 24-Jun-2012 03:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31242.d
Lab Smp Id: 460-41492-D-21-HMSD
Inj Date : 22-JUN-2012 04:54
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-41492-D-21-H MSD
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/06-06-12/22jun12.b/8270C_11.m
Meth Date : 22-Jun-2012 03:28 asfawa Quant Type: ISTD
Cal Date : 06-JUN-2012 14:41 Cal File: p30766.d
Als bottle: 7 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	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	1.275	1.187	(0.321)	244921	19.7806	1300
	19 N-Nitrosodimethylamine	74	1.487	1.410	(0.374)	701637	41.0989	2700
	71 Pyridine	79	1.504	1.434	(0.379)	937296	31.5965	2100
$	16 2-Fluorophenol (SUR)	112	2.609	2.579	(0.657)	1948331	73.0615	4900
	110 Benzaldehyde	77	3.484	3.473	(0.877)	461397	52.8994	3500
$	17 Phenol-d5 (SUR)	99	3.619	3.619	(0.911)	2523980	79.5860	5300
	73 Aniline	93	3.614	3.608	(0.910)	1190409	30.8735	2000
	1 Phenol	94	3.637	3.631	(0.916)	2689375	76.7089	5100
	20 bis(2-Chloroethyl)ether	93	3.702	3.702	(0.932)	1047751	37.3678	2500
	2 2-Chlorophenol	128	3.743	3.743	(0.942)	2077428	77.4591	5200
	113 n-decane	43	3.825	3.825	(0.963)	573949	21.3225	1400
	21 1,3-Dichlorobenzene	146	3.907	3.907	(0.984)	1030924	32.6477	2200
*	79 1,4-Dichlorobenzene-d4	152	3.972	3.972	(1.000)	816143	40.0000	

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31242.d
Report Date: 24-Jun-2012 03:09

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22	1,4-Dichlorobenzene	146	3.990	3.990	(1.004)	1044481	33.0808	2200
	74	Benzyl Alcohol	108	4.160	4.160	(1.047)	640766	39.2991	2600
	23	1,2-Dichlorobenzene	146	4.154	4.160	(1.046)	1024928	34.7434	2300
	3	2-Methylphenol	108	4.301	4.307	(1.083)	1936666	83.9848	5600
	24	bis (2-chloroisopropyl) ether	45	4.301	4.307	(1.083)	1133931	40.4848	2700
	104	Acetophenone	105	4.442	4.448	(1.118)	1360938	40.2878	2700
	25	N-Nitroso-di-n-propylamine	70	4.460	4.465	(1.123)	750906	42.5608	2800
	4	4-Methylphenol	108	4.489	4.489	(1.130)	1831379	81.5957	5400
	123	3 & 4 Methylphenol	108	4.489	4.489	(1.130)	1831379	81.1597	5400
	26	Hexachloroethane	117	4.518	4.524	(1.138)	398253	32.2042	2100
$	76	Nitrobenzene-d5 (SUR)	82	4.601	4.601	(0.859)	1044732	35.6782	2400
	27	Nitrobenzene	77	4.624	4.630	(0.863)	1466038	42.1553	2800
	107	N,N-Dimethylaniline	120	4.624	4.630	(1.164)	1256101	34.9651	2300
	28	Isophorone	82	4.900	4.894	(0.914)	1871460	42.0867	2800
	5	2-Nitrophenol	139	4.971	4.971	(0.928)	1076432	77.4178	5200
	6	2,4-Dimethylphenol	122	5.059	5.059	(0.944)	1788047	80.6708	5400
	29	bis(2-Chloroethoxy)methane	93	5.147	5.147	(0.961)	1145080	41.7642	2800
	7	2,4-Dichlorophenol	162	5.241	5.241	(0.978)	1564407	79.9498	5300
	30	1,2,4-Trichlorobenzene	180	5.312	5.312	(0.991)	844290	36.4826	2400
*	80	Naphthalene-d8	136	5.359	5.364	(1.000)	2569368	40.0000	
	31	Naphthalene	128	5.382	5.388	(1.004)	2646285	40.1799	2700
	32	4-Chloroaniline	127	5.464	5.470	(1.020)	939191	37.2928	2500
	33	Hexachlorobutadiene	225	5.535	5.535	(1.033)	461794	35.4816	2400
	111	Caprolactam	113	5.876	5.876	(1.096)	239328	43.5342	2900
	8	4-Chloro-3-methylphenol	107	6.017	6.017	(1.123)	1755771	91.2891	6100
	34	2-Methylnaphthalene	142	6.111	6.111	(1.140)	1716776	40.2266	2700
	120	1-Methylnaphthalene	142	6.211	6.211	(1.159)	1625246	37.3447	2500
	35	Hexachlorocyclopentadiene	237	6.281	6.287	(0.878)	343285	29.6519	2000
	129	1,2,4,5-Tetrachlorobenzene	216	6.293	6.293	(0.879)	765292	37.0379	2500
	9	2,4,6-Trichlorophenol	196	6.422	6.422	(0.897)	874920	69.9274	4700
	10	2,4,5-Trichlorophenol	196	6.463	6.469	(0.903)	998053	77.8175	5200
$	77	2-Fluorobiphenyl (SUR)	172	6.498	6.504	(0.908)	1681520	36.7907	2400
	102	Diphenyl	154	6.598	6.598	(0.922)	2126964	42.5820	2800
	36	2-Chloronaphthalene	162	6.604	6.610	(0.923)	1610038	41.3187	2800
	103	Diphenyl Ether	170	6.704	6.704	(0.937)	1169537	41.3462	2800
	37	2-Nitroaniline	65	6.728	6.733	(0.940)	531577	44.6382	3000
	38	Dimethylphthalate	163	6.927	6.927	(0.968)	1666382	45.2866	3000
	40	2,6-Dinitrotoluene	165	6.980	6.986	(0.975)	405934	45.8820	3000
	39	Acenaphthylene	152	7.015	7.016	(0.980)	2409314	41.9504	2800
	41	3-Nitroaniline	138	7.145	7.145	(0.998)	376708	41.1601	2700
*	82	Acenaphthene-d10	164	7.156	7.162	(1.000)	1339487	40.0000	
	42	Acenaphthene	154	7.192	7.192	(1.005)	1543920	43.1476	2900
	11	2,4-Dinitrophenol	184	7.286	7.262	(1.018)	2253	0.54247	36(aR)
	12	4-Nitrophenol	65	7.350	7.356	(1.027)	510617	80.9591	5400
	44	2,4-Dinitrotoluene	165	7.386	7.386	(1.032)	485937	44.9881	3000
	43	Dibenzofuran	168	7.362	7.368	(1.029)	2129661	43.5949	2900
	130	2,3,4,6-Tetrachlorophenol	232	7.503	7.509	(1.048)	221197	26.9110	1800(R)

Data File: /chem/BNAMS10.i/8270/06-06-12/22jun12.b/p31242.d
Report Date: 24-Jun-2012 03:09

								CONCENTRATIONS	
		QUANT SIG						ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE		(ug/ml)	(ug/Kg)
	45 Diethylphthalate	149	7.627	7.632	(1.066)	1606055		45.2354	3000
	47 Fluorene	166	7.703	7.709	(1.076)	1777895		45.3718	3000
	46 4-Chlorophenyl-phenylether	204	7.715	7.715	(1.078)	861487		45.1619	3000
	48 4-Nitroaniline	138	7.750	7.756	(1.083)	310498		41.3090	2800
	13 4,6-Dinitro-2-methylphenol	198	7.791	7.791	(0.904)	16764		3.06207	200(aR)
	49 N-Nitrosodiphenylamine	169	7.838	7.844	(0.909)	1202835		47.7579	3200
	75 1,2-Diphenylhydrazine	77	7.873	7.873	(0.913)	1791577		41.4620	2800
$	18 2,4,6-Tribromophenol (SUR)	330	7.944	7.950	(1.110)	345511		67.7858	4500
	50 4-Bromophenyl-phenylether	248	8.191	8.196	(0.950)	449386		45.6285	3000
	51 Hexachlorobenzene	284	8.255	8.255	(0.958)	472568		45.5535	3000
	112 Atrazine	200	8.384	8.384	(0.973)	293757		34.6854	2300
	14 Pentachlorophenol	266	8.455	8.461	(0.981)	177865		34.7139	2300
	115 n-Octadecane	57	8.567	8.567	(0.994)	1111421		49.5694	3300
*	83 Phenanthrene-d10	188	8.620	8.625	(1.000)	1629360		40.0000	
	52 Phenanthrene	178	8.643	8.649	(1.003)	2031622		46.1414	3100
	53 Anthracene	178	8.696	8.696	(1.009)	1964655		44.2873	3000
	54 Carbazole	167	8.866	8.866	(1.029)	1656892		45.9059	3100
	55 Di-n-butylphthalate	149	9.231	9.231	(1.071)	2051873		45.5466	3000
	56 Fluoranthene	202	9.806	9.806	(1.138)	1744841		46.4005	3100
	58 Benzidine	184	9.965	9.971	(1.156)	17114		2.91503	190(aR)
	57 Pyrene	202	10.024	10.024	(0.891)	1701418		43.6272	2900
$	78 Terphenyl-d14	244	10.200	10.200	(0.907)	1117422		42.5466	2800
	59 Butylbenzylphthalate	149	10.688	10.694	(0.950)	726303		43.4901	2900
	60 3,3'-Dichlorobenzidine	252	11.234	11.234	(0.998)	357879		43.4242	2900
	61 Benzo(a)anthracene	228	11.240	11.246	(0.999)	1236261		43.1617	2900
*	81 Chrysene-d12	240	11.252	11.258	(1.000)	950200		40.0000	
	62 Chrysene	228	11.281	11.281	(1.003)	1181850		44.9128	3000
	63 bis(2-Ethylhexyl)phthalate	149	11.322	11.322	(1.006)	961993		43.6584	2900
	64 Di-n-octylphthalate	149	12.092	12.092	(0.931)	1423155		39.8673	2600
	65 Benzo(b)fluoranthene	252	12.515	12.515	(0.963)	959536		38.7970	2600
	66 Benzo(k)fluoranthene	252	12.544	12.550	(0.966)	1117988		42.4311	2800
	67 Benzo(a)pyrene	252	12.915	12.920	(0.994)	856385		41.1879	2700
*	84 Perylene-d12	264	12.991	12.991	(1.000)	772036		40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.360	14.360	(1.105)	808018		38.2868	2600(M)
	69 Dibenz(a,h)anthracene	278	14.389	14.389	(1.108)	825322		42.6218	2800
	70 Benzo(g,h,i)perylene	276	14.689	14.689	(1.131)	853337		42.1798	2800

QC Flag Legend

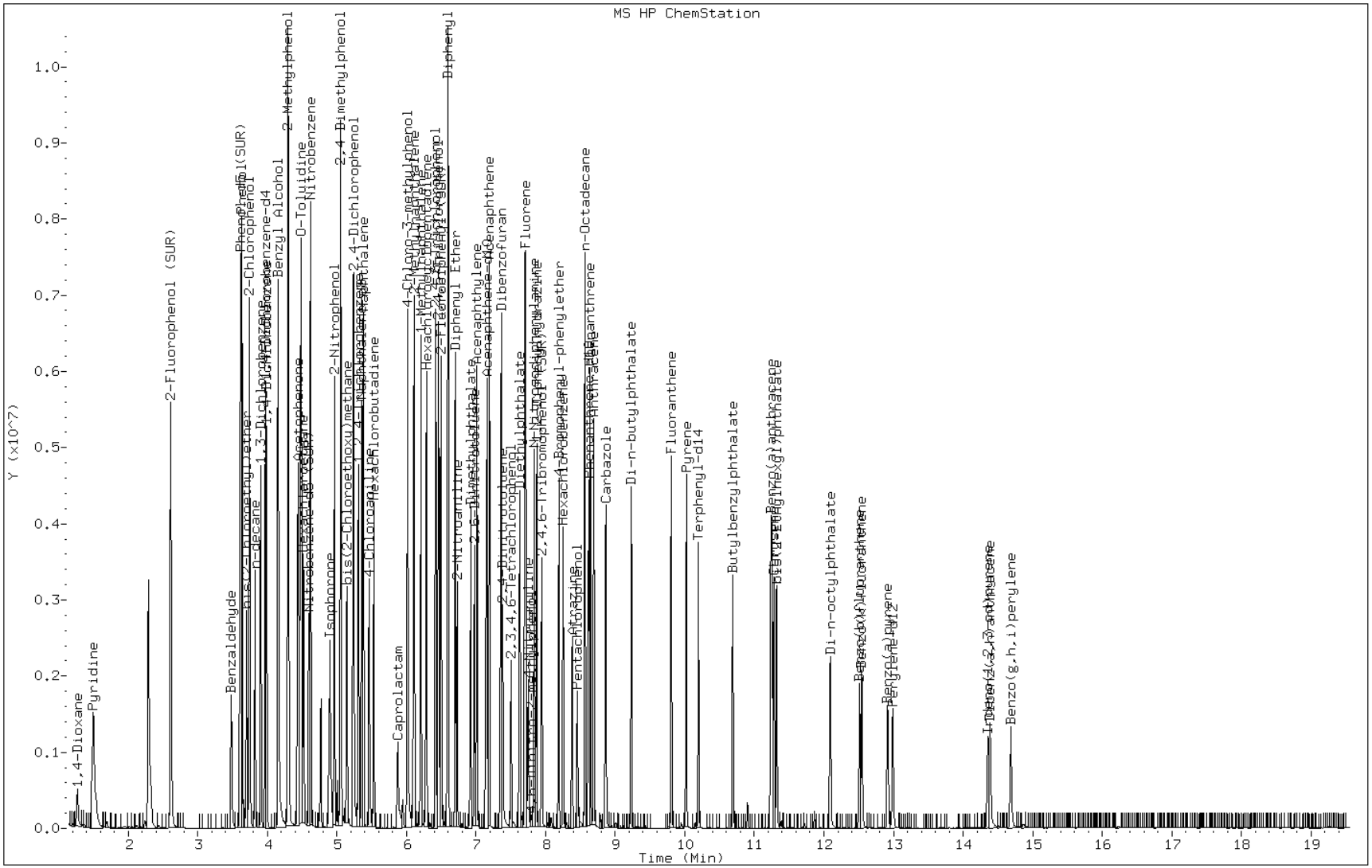
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: p31242.d

Date: 22-JUN-2012 04:54

Client ID: Instrument: BNAMS10.i

Sample Info: 460-41492-D-21-H MSD Operator: BNAMS 4



Manual Integration Report

Data File: p31242.d
Inj. Date and Time: 22-JUN-2012 04:54
Instrument ID: BNAMS10.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/24/2012

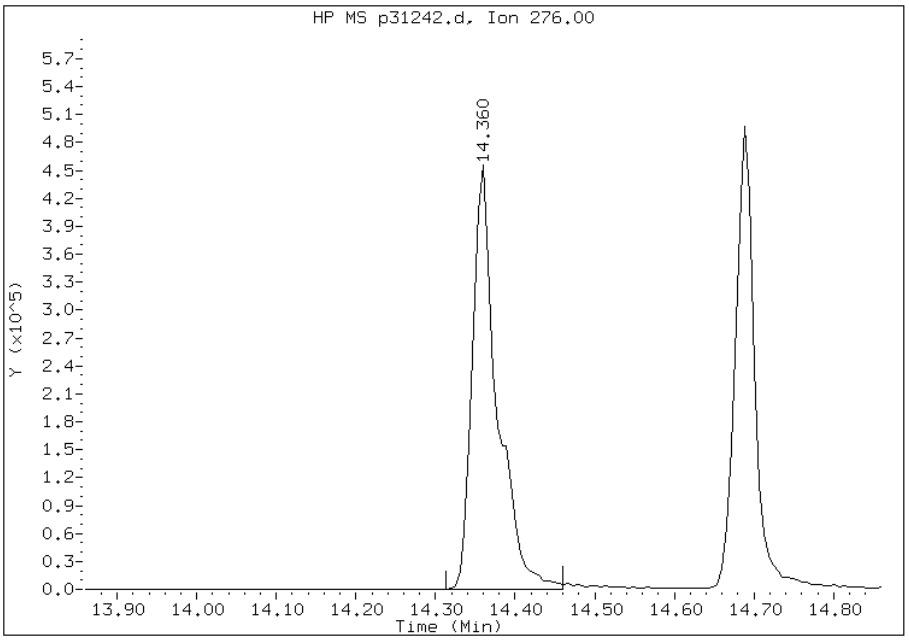
Processing Integration Results

RT: 14.36

Response: 984177

Amount: 47

Conc: 3109



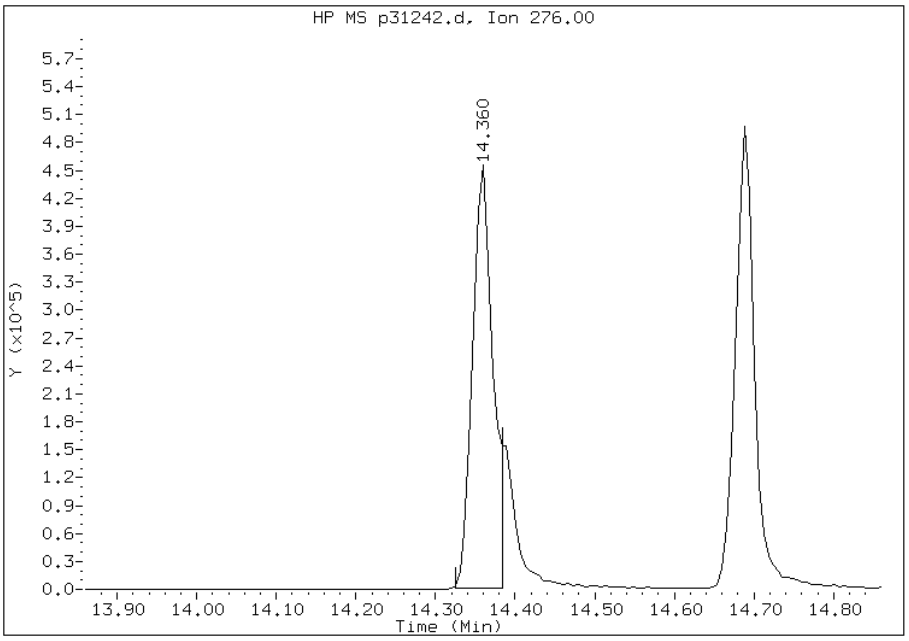
Manual Integration Results

RT: 14.36

Response: 808018

Amount: 38

Conc: 2552



Manually Integrated By: wahied
Manual Integration Reason:

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 06/06/2012 11:51

Analysis Batch Number: 115225 End Date: 06/06/2012 23:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-115225/1		06/06/2012 11:51	1	p30760.d	Rtx-5MS 0.25(mm)
ICIS 460-115225/2		06/06/2012 12:19	1	p30761.d	Rtx-5MS 0.25(mm)
IC 460-115225/3		06/06/2012 12:49	1	p30762.d	Rtx-5MS 0.25(mm)
IC 460-115225/4		06/06/2012 13:17	1	p30763.d	Rtx-5MS 0.25(mm)
IC 460-115225/5		06/06/2012 13:45	1	p30764.d	Rtx-5MS 0.25(mm)
IC 460-115225/6		06/06/2012 14:13	1	p30765.d	Rtx-5MS 0.25(mm)
IC 460-115225/7		06/06/2012 14:41	1	p30766.d	Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 16:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 16:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 17:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 17:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 17:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 18:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 18:55	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 19:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 19:50	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 20:18	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 20:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 21:14	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 21:41	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 22:09	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 22:37	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/06/2012 23:05	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 06/22/2012 02:03

Analysis Batch Number: 117164 End Date: 06/22/2012 13:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-117164/1		06/22/2012 02:03	1	p31236.d	Rtx-5MS 0.25(mm)
CCVIS 460-117164/2		06/22/2012 02:27	1	p31237.d	Rtx-5MS 0.25(mm)
LCS 460-116952/2-A		06/22/2012 03:02	1	p31238.d	Rtx-5MS 0.25(mm)
MB 460-116952/1-A		06/22/2012 03:30	1	p31239.d	Rtx-5MS 0.25(mm)
460-41492-21	F-6	06/22/2012 03:58	1	p31240.d	Rtx-5MS 0.25(mm)
460-41492-21 MS	F-6 MS	06/22/2012 04:26	1	p31241.d	Rtx-5MS 0.25(mm)
460-41492-21 MSD	F-6 MSD	06/22/2012 04:54	1	p31242.d	Rtx-5MS 0.25(mm)
460-41492-23	FD-D	06/22/2012 05:22	1	p31243.d	Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 05:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 06:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 06:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 07:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 07:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 08:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 08:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 09:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 09:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 10:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 10:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 10:58	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 11:26	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 11:54	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 12:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 12:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 13:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/22/2012 13:46	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 06/20/2012 15:28

Analysis Batch Number: 116906 End Date: 06/20/2012 17:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-116906/1		06/20/2012 15:28	1	u77565.d	Rtx-5MS 0.25(mm)
ICIS 460-116906/2		06/20/2012 15:47	1	u77566.d	Rtx-5MS 0.25(mm)
IC 460-116906/3		06/20/2012 16:22	1	u77567.d	Rtx-5MS 0.25(mm)
IC 460-116906/4		06/20/2012 16:42	1	u77568.d	Rtx-5MS 0.25(mm)
IC 460-116906/5		06/20/2012 17:03	1	u77569.d	Rtx-5MS 0.25(mm)
IC 460-116906/6		06/20/2012 17:23	1	u77570.d	Rtx-5MS 0.25(mm)
IC 460-116906/7		06/20/2012 17:43	1	u77571.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 06/24/2012 01:44

Analysis Batch Number: 117392 End Date: 06/24/2012 13:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-117392/1		06/24/2012 01:44	1	u77655.d	Rtx-5MS 0.25(mm)
CCVIS 460-117392/2		06/24/2012 02:11	1	u77656.d	Rtx-5MS 0.25(mm)
LCS 460-116951/2-A		06/24/2012 02:53	1	u77657.d	Rtx-5MS 0.25(mm)
MB 460-116951/1-A		06/24/2012 03:13	1	u77658.d	Rtx-5MS 0.25(mm)
460-41492-1	SF-1	06/24/2012 03:34	1	u77659.d	Rtx-5MS 0.25(mm)
460-41492-8 MS	SF-8 MS	06/24/2012 03:54	1	u77660.d	Rtx-5MS 0.25(mm)
460-41492-8 MSD	SF-8 MSD	06/24/2012 04:14	1	u77661.d	Rtx-5MS 0.25(mm)
460-41492-2	SF-2	06/24/2012 04:34	1	u77662.d	Rtx-5MS 0.25(mm)
460-41492-3	SF-3	06/24/2012 04:54	1	u77663.d	Rtx-5MS 0.25(mm)
460-41492-4	SF-4	06/24/2012 05:14	1	u77664.d	Rtx-5MS 0.25(mm)
460-41492-5	SF-5	06/24/2012 05:35	1	u77665.d	Rtx-5MS 0.25(mm)
460-41492-6	SF-6	06/24/2012 05:55	1	u77666.d	Rtx-5MS 0.25(mm)
460-41492-7	SF-7	06/24/2012 06:15	1	u77667.d	Rtx-5MS 0.25(mm)
460-41492-8	SF-8	06/24/2012 06:35	1	u77668.d	Rtx-5MS 0.25(mm)
460-41492-9	SF-9	06/24/2012 06:56	1	u77669.d	Rtx-5MS 0.25(mm)
460-41492-10	SF-10	06/24/2012 07:16	1	u77670.d	Rtx-5MS 0.25(mm)
460-41492-11	SF-11	06/24/2012 07:36	1	u77671.d	Rtx-5MS 0.25(mm)
460-41492-12	SF-12	06/24/2012 07:56	1	u77672.d	Rtx-5MS 0.25(mm)
460-41492-13	SF-13	06/24/2012 08:16	1	u77673.d	Rtx-5MS 0.25(mm)
460-41492-14	SF-14	06/24/2012 08:37	1	u77674.d	Rtx-5MS 0.25(mm)
460-41492-15	FD-C	06/24/2012 08:57	1	u77675.d	Rtx-5MS 0.25(mm)
460-41492-16	F-1	06/24/2012 09:17	1	u77676.d	Rtx-5MS 0.25(mm)
460-41492-17	F-2	06/24/2012 09:37	1	u77677.d	Rtx-5MS 0.25(mm)
460-41492-19	F-4	06/24/2012 09:57	1	u77678.d	Rtx-5MS 0.25(mm)
460-41492-20	F-5	06/24/2012 10:17	1	u77679.d	Rtx-5MS 0.25(mm)
460-41492-22	F-7	06/24/2012 10:38	1	u77680.d	Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 10:58	20		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 11:18	50		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 11:38	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 11:38	5		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 11:58	10		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 11:58	10		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 12:19	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 12:39	2		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 12:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		06/24/2012 13:19	2		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-06-12/06jun12.b

Date Generated: 06/07/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												115225 tuning
06/06/12 1151	p30760.d	1	DFTPP-1427854	—	—	0	0	1	2.0	all	4642	6 penta. → 1,217 Benz. → 1,993
06/06/12 1219	p30761.d	2	ICIS-1519304	—	—	15	1	1	1.0	all	4653	6
06/06/12 1249	p30762.d	3	IC-1519307	—	—	15	1	1	1.0	all	4658	6
06/06/12 1317	p30763.d	4	IC-1519301	—	—	15	1	1	1.0	all	4658	8
06/06/12 1345	p30764.d	5	IC-1519305	—	—	15	1	1	1.0	all	4658	6
06/06/12 1413	p30765.d	6	IC-1519303	—	—	15	1	1	1.0	all	4658	8
06/06/12 1441	p30766.d	7	IC-1519302	—	—	15	1	1	1.0	all	4658	6
06/06/12 1510	p30767.d	8	icv	06jun12	—	15	1	1	1.0	all	4671	6 2 spiked compounds within 60 to 130%
06/06/12 1539	p30768.d	9	LCS 460-114856/2-A	460-114856	—	15	1	1	1.0	all	—	RR spike high
06/06/12 1607	p30769.d	10	MB 460-114856/1-A	460-114856	—	15	1	1	1.0	all	—	6
06/06/12 1635	p30770.d	11	460-40580-A-1-A	460-114856	06/05/12	15.0	1	1	1.0	all	—	6
06/06/12 1703	p30771.d	12	460-40580-A-3-A	460-114856	06/05/12	15	1	1	1.0	all	—	6
06/06/12 1731	p30772.d	13	460-40580-A-5-A	460-114856	06/05/12	15.0	1	1	1.0	all	—	6
06/06/12 1759	p30773.d	14	460-40896-B-1-A	460-114856	06/05/12	15	1	1	1.0	all	—	6

3070 range good except for benzaldehyde Benzidine

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-06-12/06jun12.b

Date Generated: 06/07/2012

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/06/12 1827	p30774.d	15	460-40896-B-2-A	460-114856	06/05/12	15.0	1	1	1.0	all	—	
06/06/12 1855	p30775.d	16	460-40854-A-2-A	460-114856	06/05/12	15.0	1	5	1.0	all	—	
06/06/12 1923	p30776.d	17	460-40854-A-5-A	460-114856	06/05/12	15.0	1	1	1.0	all	—	
06/06/12 1950	p30777.d	18	460-40854-A-6-A	460-114856	06/05/12	15.0	1	5	1.0	all	—	
06/06/12 2018	p30778.d	19	460-40854-A-7-A	460-114856	06/05/12	15	1	2	1.0	all	—	
06/06/12 2046	p30779.d	20	460-40825-D-8-D	460-114856	06/05/12	15.0	1	1	1.0	all	—	
06/06/12 2114	p30780.d	21	460-40854-A-3-A	460-114856	06/05/12	15.0	1	2	1.0	all	—	
06/06/12 2141	p30781.d	22	460-40854-A-1-C	460-114856	06/05/12	15	1	2	1.0	all	—	
06/06/12 2209	p30782.d	23	460-40854-A-1-A MS	460-114856	06/05/12	15.0	1	2	1.0	all	—	
06/06/12 2237	p30783.d	24	460-40854-A-1-B MSD	460-114856	06/05/12	15.0	1	2	1.0	all	—	
06/06/12 2305	p30784.d	25	460-40854-A-4-A	460-114856	06/05/12	15	1	1	1.0	all	—	
—	p30785.d	1	—	06jun12	—	15	1	1	1.0	all	—	no data collected

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

Signed: [signature] Read and Understood by: [signature]

Date: 6/7/12 Date: 6-8-12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-20-12/20jun12.b

Date Generated: 06/21/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												116906
06/20/12 1528	u77565.d	96	DFTPP-1427854			0	0	1	2.0	all	4642	G P = .768, B = .928
06/20/12 1547	u77566.d	1	ICVIS-1519304			15	1	1	1.0	all	4658	G
06/20/12 1622	u77567.d	2	IC-1519307			15	1	1	1.0	all	4658	G Good Except
06/20/12 1642	u77568.d	3	IC-1519305			15	1	1	1.0	all	4658	G - Benzaldehyde
06/20/12 1703	u77569.d	4	IC-1519303			15	1	1	1.0	all	4658	G - Benzidine
06/20/12 1723	u77570.d	5	IC-1519302			15	1	1	1.0	all	4658	G
06/20/12 1743	u77571.d	6	IC-1519301			15	1	1	1.0	all	4658	G
06/20/12 1804	u77572.d	7	ICV	20jun12		15	1	1	1.0	all	4671	G

Signed: W Read and Understood by:

Date: 6/21/12 Date: 6-22-12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-06-12/22jun12.b

Date Generated: 06/24/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												117164
06/22/12 0203	p31236.d	1	DFTPP-1427854			0	0	1	2.0	all	4642	G P:2.588, B=2.030
06/22/12 0227	p31237.d	2	CCVIS-1519304			15	1	1	1.0	all	4658	G
06/22/12 0302	p31238.d	3	LCS 460-116952/2-A	22jun12		15	1	1	1.0	all		G
06/22/12 0330	p31239.d	4	MB 460-116952/1-A	22jun12		15	1	1	1.0	all		G
06/22/12 0358	p31240.d	5	460-41492-D-21-I	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0426	p31241.d	6	460-41492-D-21-G MS	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 0454	p31242.d	7	460-41492-D-21-HMSD			15	1	1	1.0	all		G
06/22/12 0522	p31243.d	8	460-41492-D-23-C	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 0550	p31244.d	9	460-41475-B-2-A	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 0618	p31245.d	10	460-41475-B-3-A	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0646	p31246.d	11	460-41475-B-6-A	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0714	p31247.d	12	460-41475-B-8-A	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0742	p31248.d	13	460-41486-E-10-B	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0810	p31249.d	14	460-41486-E-17-B	460-116952	06/21/12	15.0	1	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-06-12/22jun12.b

Date Generated: 06/24/2012

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/22/12 0838	p31250.d	15	460-41475-B-1-A	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 0906	p31251.d	16	460-41475-B-4-A	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 0934	p31252.d	17	460-41475-B-7-A	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 1002	p31253.d	18	460-41486-E-12-B	460-116952	06/21/12	15	1	1	1.0	all		G
06/22/12 1030	p31254.d	19	460-41475-B-5-A	460-116952	06/21/12	15	1	1	1.0	all		R
06/22/12 1058	p31255.d	20	460-41545-A-12-D	460-116971	06/21/12	15.0	1	5	1.0	all		G *
06/22/12 1126	p31256.d	21	460-41545-A-14-D	460-116971	06/21/12	15.0	1	2	1.0	all		G
06/22/12 1154	p31257.d	22	460-41545-A-10-D	460-116971	06/21/12	15.0	1	2	1.0	all		G
06/22/12 1222	p31258.d	23	460-41545-A-8-D	460-116971	06/21/12	15.0	1	1	1.0	all		G
06/22/12 1251	p31259.d	24	460-41545-A-6-D	460-116971	06/21/12	15	1	1	1.0	all		G
06/22/12 1318	p31260.d	25	460-41545-A-10-D	460-116971	06/21/12	15.0	1	1	1.0	all		G *by Cax.
06/22/12 1346	p31261.d	26	460-41486-E-14-B	460-116952	06/21/12	15.0	1	1	1.0	all		G
06/22/12 1414	p31262.d	27	460-41486-E-16-B	460-116952	06/21/12	15.0	1	1	1.0	all		NG OUT OF 12 HRS
06/22/12 1442	p31263.d	28	460-41486-E-8-B	460-116952	06/21/12	15.0	1	1	1.0	all		NG ↓

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/06-06-12/22jun12.b

Date Generated: 06/24/2012

Page 3

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/22/12 1510	p31264.d	29	blk	22jun12	✓	15	1	1	1.0	all	✓	NO use

Signed: _____ Read and Understood by: _____

Date: 6/24/12 Date: 6-25-12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b

Date Generated: 06/25/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												117392 tuning
06/24/12 0144	u77655.d	96	DFTPP-1427854	—	—	0	0	1	2.0	all	4642	6 peaks, 1943 pass, 173 =
06/24/12 0211	u77656.d	1	CCVIS-1519304	—	—	15	1	1	1.0	all	4658	8 no benzaldehyde breakdown
06/24/12 0253	u77657.d	2	LCS 460-116951/2-A	460-116951	—	15	1	1	1.0	all	—	6
06/24/12 0313	u77658.d	3	MB 460-116951/1-A	460-116951	—	15	1	1	1.0	all	—	6
06/24/12 0334	u77659.d	4	460-41492-D-1-F	460-116951	06/21/12	15	1	1	1.0	all	—	6
06/24/12 0354	u77660.d	5	460-41492-D-8-J MS	460-116951	06/21/12	15	1	1	1.0	all	—	6
06/24/12 0414	u77661.d	6	460-41492-D-8-K MSD	460-116951	06/21/12	15.0	1	1	1.0	all	—	6
06/24/12 0434	u77662.d	7	460-41492-D-2-D	460-116951	06/21/12	15.0	1	1	1.0	all	—	6
06/24/12 0454	u77663.d	8	460-41492-D-3-D	460-116951	06/21/12	15.0	1	1	1.0	all	—	6
06/24/12 0514	u77664.d	9	460-41492-D-4-D	460-116951	06/21/12	15	1	1	1.0	all	—	6
06/24/12 0535	u77665.d	10	460-41492-D-5-D	460-116951	06/21/12	15.1	1	1	1.0	all	—	6
06/24/12 0555	u77666.d	11	460-41492-D-6-D	460-116951	06/21/12	15	1	1	1.0	all	—	6
06/24/12 0615	u77667.d	12	460-41492-D-7-D	460-116951	06/21/12	15	1	1	1.0	all	—	6
06/24/12 0635	u77668.d	13	460-41492-D-8-L	460-116951	06/21/12	15.0	1	1	1.0	all	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b

Date Generated: 06/25/2012

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/24/12 0656	u77669.d	14	460-41492-D-9-D	460-116951	06/21/12	15.0	1	1	1.0	all	—	C
06/24/12 0716	u77670.d	15	460-41492-D-10-D	460-116951	06/21/12	15.1	1	1	1.0	all	—	C
06/24/12 0736	u77671.d	16	460-41492-D-11-C	460-116951	06/21/12	15	1	1	1.0	all	—	C
06/24/12 0756	u77672.d	17	460-41492-D-12-C	460-116951	06/21/12	15	1	1	1.0	all	—	C
06/24/12 0816	u77673.d	18	460-41492-D-13-C	460-116951	06/21/12	15	1	1	1.0	all	—	C
06/24/12 0837	u77674.d	19	460-41492-D-14-C	460-116951	06/21/12	15.0	1	1	1.0	all	—	C
06/24/12 0857	u77675.d	20	460-41492-D-15-C	460-116951	06/21/12	15.0	1	1	1.0	all	—	C
06/24/12 0917	u77676.d	21	460-41492-D-16-C	460-116951	06/21/12	15.0	1	1	1.0	all	—	C
06/24/12 0937	u77677.d	22	460-41492-D-17-C	460-116951	06/21/12	15	1	1	1.0	all	—	C
06/24/12 0957	u77678.d	23	460-41492-D-19-C	460-116951	06/21/12	15.0	1	1	1.0	all	—	C
06/24/12 1017	u77679.d	24	460-41492-D-20-C	460-116951	06/21/12	15.1	1	1	1.0	all	—	C
06/24/12 1038	u77680.d	25	460-41492-D-22-C	460-116951	06/21/12	15	1	1	1.0	all	—	C
06/24/12 1058	u77681.d	26	460-41442-A-16-C	460-116651	06/19/12	15	1	20	1.0	all	—	C Surr diluted out
06/24/12 1118	u77682.d	27	460-41442-A-18-C	460-116651	06/19/12	15	1	50	1.0	all	—	C Surr diluted out

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS4.i

Analytical Batch: /chem/BNAMS4.i/8270T/06-20-12/24jun12a.b

Date Generated: 06/25/2012

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/24/12 1138	u77683.d	28	460-41428-D-8-A	460-116651	06/19/12	15.0	1	5	1.0	all	—	G
06/24/12 1158	u77684.d	29	460-41428-C-3-B	460-116651	06/19/12	15.0	1	10	1.0	all	—	G Surr diluted out
06/24/12 1219	u77685.d	30	460-41461-D-1-A	460-116971	06/21/12	15.0	1	2	1.0	all	—	G
06/24/12 1239	u77686.d	31	460-41419-A-2-B	460-116971	06/21/12	15.0	1	2	1.0	all	—	G
06/24/12 1259	u77687.d	32	460-41505-D-1-C	460-116971	06/21/12	15.0	1	1	1.0	all	—	G
06/24/12 1319	u77688.d	33	460-41365-A-6-B	460-116971	06/21/12	15.0	1	2	1.0	all	—	G matrix
06/24/12 1339	u77689.d	34	BLK	24jun12a		15	1	1	1.0	all	—	—

Signed: Michael Morris Read and Understood by: [signature]

Date: 6/25/12 Date: 6-26-12

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

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

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116951 Batch Start Date: 06/21/12 10:40 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 460-116951/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-116951/2		3541, 8270C		15.00 g	1 mL	74	500 uL	0.5 mL	
460-41492-D-8 MS	SF-8	3541, 8270C	T	15.00 g	1 mL	75	500 uL	0.5 mL	
460-41492-D-8 MSD	SF-8	3541, 8270C	T	15.04 g	1 mL	76	500 uL	0.5 mL	
460-41492-D-1	SF-1	3541, 8270C	T	15.00 g	1 mL	77	500 uL		
460-41492-D-2	SF-2	3541, 8270C	T	15.01 g	1 mL	78	500 uL		
460-41492-D-3	SF-3	3541, 8270C	T	15.01 g	1 mL	79	500 uL		
460-41492-D-4	SF-4	3541, 8270C	T	15.00 g	1 mL	80	500 uL		
460-41492-D-5	SF-5	3541, 8270C	T	15.05 g	1 mL	81	500 uL		
460-41492-D-6	SF-6	3541, 8270C	T	15.00 g	1 mL	82	500 uL		
460-41492-D-7	SF-7	3541, 8270C	T	15.00 g	1 mL	83	500 uL		
460-41492-D-8	SF-8	3541, 8270C	T	15.03 g	1 mL	84	500 uL		
460-41492-D-9	SF-9	3541, 8270C	T	15.02 g	1 mL	97	500 uL		
460-41492-D-10	SF-10	3541, 8270C	T	15.05 g	1 mL	98	500 uL		
460-41492-D-11	SF-11	3541, 8270C	T	15.00 g	1 mL	99	500 uL		
460-41492-D-12	SF-12	3541, 8270C	T	15.00 g	1 mL	100	500 uL		
460-41492-D-13	SF-13	3541, 8270C	T	15.00 g	1 mL	101	500 uL		
460-41492-D-14	SF-14	3541, 8270C	T	15.04 g	1 mL	102	500 uL		
460-41492-D-15	FD-C	3541, 8270C	T	15.03 g	1 mL	103	500 uL		
460-41492-D-16	F-1	3541, 8270C	T	14.98 g	1 mL	104	500 uL		
460-41492-D-17	F-2	3541, 8270C	T	15.00 g	1 mL	105	500 uL		
460-41492-D-19	F-4	3541, 8270C	T	15.02 g	1 mL	106	500 uL		
460-41492-D-20	F-5	3541, 8270C	T	15.05 g	1 mL	107	500 uL		
460-41492-D-22	F-7	3541, 8270C	T	15.00 g	1 mL	108	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116951 Batch Start Date: 06/21/12 10:40 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	10:40am

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116952 Batch Start Date: 06/21/12 10:41 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 460-116952/1		3541, 8270C		15.00 g	1 mL	115	500 uL		
LCS 460-116952/2		3541, 8270C		15.00 g	1 mL	116	500 uL	0.5 mL	
460-41492-D-21 MS	F-6	3541, 8270C	T	15.00 g	1 mL	117	500 uL	0.5 mL	
460-41492-D-21 MSD	F-6	3541, 8270C	T	15.01 g	1 mL	118	500 uL	0.5 mL	
460-41492-D-21	F-6	3541, 8270C	T	15.01 g	1 mL	119	500 uL		
460-41492-D-23	FD-D	3541, 8270C	T	15.00 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	10:41am

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.: 460-41492-1

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 #
SF-1	460-41492-1	103	108	101	104
SF-2	460-41492-2	104	109	101	104
SF-3	460-41492-3	101	106	101	103
SF-4	460-41492-4	108	113	106	106
SF-5	460-41492-5	100	105	98	94
SF-6	460-41492-6	104	108	97	98
SF-7	460-41492-7	106	110	98	99
SF-8	460-41492-8	101	104	103	105
SF-9	460-41492-9	95	98	87	86
SF-10	460-41492-10	105	109	96	96
SF-11	460-41492-11	105	110	100	101
SF-12	460-41492-12	100	103	95	95
SF-13	460-41492-13	104	108	107	107
SF-14	460-41492-14	89	91	92	92
FD-C	460-41492-15	101	104	101	101
F-1	460-41492-16	101	104	101	102
F-2	460-41492-17	107	111	107	108
F-4	460-41492-19	109	113	108	109
F-5	460-41492-20	101	104	104	104
F-6	460-41492-21	87	89	90	86
F-7	460-41492-22	123	126	126	121
FD-D	460-41492-23	106	109	106	106
	MB 460-116910/1-A	128	129	129	125
	MB 460-116911/1-A	113	119	115	116
	LCS 460-116910/2-A	148	139	136	129
	LCS 460-116911/2-A	146	128	119	119
SF-8 MS	460-41492-8 MS	133	125	108	110
F-6 MS	460-41492-21 MS	140	126	126	120
SF-8 MSD	460-41492-8 MSD	135	125	106	107
F-6 MSD	460-41492-21 MSD	148	137	130	124

	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135272.d

Lab ID: LCS 460-116910/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	164	123	58-143	
alpha-BHC	133	152	114	58-138	
beta-BHC	133	151	114	60-139	
delta-BHC	133	150	113	60-141	
gamma-BHC (Lindane)	133	152	114	58-136	
4,4'-DDD	133	160	120	63-150	
4,4'-DDE	133	169	127	58-150	
4,4'-DDT	133	150	112	57-150	
Dieldrin	133	145	109	55-128	
Endosulfan I	133	157	118	60-138	
Endosulfan II	133	151	113	59-133	
Endosulfan sulfate	133	148	111	56-133	
Endrin	133	151	113	61-150	
Endrin aldehyde	133	148	111	55-122	
Endrin ketone	133	156	117	62-139	
Heptachlor	133	153	115	58-137	
Heptachlor epoxide	133	157	117	59-136	
Methoxychlor	133	139	104	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135272.d

Lab ID: LCS 460-116910/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	155	116	58-143	
alpha-BHC	133	148	111	58-138	
beta-BHC	133	155	116	60-139	
delta-BHC	133	147	110	60-141	
gamma-BHC (Lindane)	133	150	112	58-136	
4,4'-DDD	133	165	124	63-150	
4,4'-DDE	133	166	125	58-150	
4,4'-DDT	133	155	116	57-150	
Dieldrin	133	146	109	55-128	
Endosulfan I	133	157	118	60-138	
Endosulfan II	133	145	109	59-133	
Endosulfan sulfate	133	145	109	56-133	
Endrin	133	153	115	61-150	
Endrin aldehyde	133	153	114	55-122	
Endrin ketone	133	155	116	62-139	
Heptachlor	133	150	113	58-137	
Heptachlor epoxide	133	152	114	59-136	
Methoxychlor	133	144	108	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135318.d

Lab ID: LCS 460-116911/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	152	114	58-143	
alpha-BHC	133	137	103	58-138	
beta-BHC	133	138	103	60-139	
delta-BHC	133	81.3	61	60-141	
gamma-BHC (Lindane)	133	138	104	58-136	
4,4'-DDD	133	147	110	63-150	
4,4'-DDE	133	155	116	58-150	
4,4'-DDT	133	150	112	57-150	
Dieldrin	133	134	101	55-128	
Endosulfan I	133	145	109	60-138	
Endosulfan II	133	137	103	59-133	
Endosulfan sulfate	133	110	82	56-133	
Endrin	133	150	112	61-150	
Endrin aldehyde	133	122	91	55-122	
Endrin ketone	133	130	98	62-139	
Heptachlor	133	153	115	58-137	
Heptachlor epoxide	133	146	109	59-136	
Methoxychlor	133	148	111	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135318.d

Lab ID: LCS 460-116911/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	135	101	58-143	
alpha-BHC	133	129	97	58-138	
beta-BHC	133	136	102	60-139	
delta-BHC	133	80.3	60	60-141	
gamma-BHC (Lindane)	133	127	96	58-136	
4,4'-DDD	133	139	104	63-150	
4,4'-DDE	133	141	106	58-150	
4,4'-DDT	133	134	100	57-150	
Dieldrin	133	124	93	55-128	
Endosulfan I	133	137	103	60-138	
Endosulfan II	133	126	95	59-133	
Endosulfan sulfate	133	99.2	74	56-133	
Endrin	133	140	105	61-150	
Endrin aldehyde	133	116	87	55-122	
Endrin ketone	133	121	91	62-139	
Heptachlor	133	136	102	58-137	
Heptachlor epoxide	133	133	100	59-136	
Methoxychlor	133	130	97	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135319.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	155	1.7 U	169	109	58-143	
alpha-BHC	155	1.4 U	160	103	58-138	
beta-BHC	155	1.1 U	156	100	60-139	
delta-BHC	155	1.2 U	133	86	60-141	
gamma-BHC (Lindane)	155	0.91 U	160	103	58-136	
4,4'-DDD	155	0.93 U	163	105	63-150	
4,4'-DDE	155	1.5 U	170	110	58-150	
4,4'-DDT	155	0.98 U	164	106	57-150	
Dieldrin	155	1.5 U	150	96	55-128	
Endosulfan I	155	1.6 U	163	105	60-138	
Endosulfan II	155	1.2 U	153	99	59-133	
Endosulfan sulfate	155	1.0 U	138	89	56-133	
Endrin	155	1.1 U	167	108	61-150	
Endrin aldehyde	155	2.0 U	142	92	55-122	
Endrin ketone	155	1.2 U	151	98	62-139	
Heptachlor	155	1.1 U	173	111	58-137	
Heptachlor epoxide	155	1.6 U	163	105	59-136	
Methoxychlor	155	0.88 U	160	103	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135319.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	155	1.7 U	150	97	58-143	
alpha-BHC	155	1.4 U	150	96	58-138	
beta-BHC	155	1.1 U	151	97	60-139	
delta-BHC	155	1.2 U	118	76	60-141	
gamma-BHC (Lindane)	155	0.91 U	147	95	58-136	
4,4'-DDD	155	0.93 U	149	96	63-150	
4,4'-DDE	155	1.5 U	154	99	58-150	
4,4'-DDT	155	0.98 U	146	94	57-150	
Dieldrin	155	1.5 U	137	88	55-128	
Endosulfan I	155	1.6 U	151	97	60-138	
Endosulfan II	155	1.2 U	138	89	59-133	
Endosulfan sulfate	155	1.0 U	125	80	56-133	
Endrin	155	1.1 U	154	99	61-150	
Endrin aldehyde	155	2.0 U	135	87	55-122	
Endrin ketone	155	1.2 U	141	91	62-139	
Heptachlor	155	1.1 U	151	97	58-137	
Heptachlor epoxide	155	1.6 U	150	97	59-136	
Methoxychlor	155	0.88 U	138	89	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135273.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	153	1.7 U	181	118	58-143	
alpha-BHC	153	1.4 U	171	112	58-138	
beta-BHC	153	1.0 U	166	109	60-139	
delta-BHC	153	1.2 U	171	112	60-141	
gamma-BHC (Lindane)	153	0.90 U	170	111	58-136	
4,4'-DDD	153	0.92 U	175	114	63-150	
4,4'-DDE	153	1.5 U	182	119	58-150	
4,4'-DDT	153	0.96 U	165	108	57-150	
Dieldrin	153	1.5 U	159	104	55-128	
Endosulfan I	153	1.6 U	174	114	60-138	
Endosulfan II	153	1.2 U	165	108	59-133	
Endosulfan sulfate	153	0.99 U	164	108	56-133	
Endrin	153	1.1 U	170	112	61-150	
Endrin aldehyde	153	1.9 U	161	105	55-122	
Endrin ketone	153	1.1 U	176	115	62-139	
Heptachlor	153	1.1 U	173	113	58-137	
Heptachlor epoxide	153	1.5 U	173	113	59-136	
Methoxychlor	153	0.86 U	157	103	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135273.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	153	1.7 U	170	112	58-143	
alpha-BHC	153	1.4 U	164	107	58-138	
beta-BHC	153	1.0 U	169	110	60-139	
delta-BHC	153	1.2 U	167	109	60-141	
gamma-BHC (Lindane)	153	0.90 U	165	108	58-136	
4,4'-DDD	153	0.92 U	179	117	63-150	
4,4'-DDE	153	1.5 U	178	116	58-150	
4,4'-DDT	153	0.96 U	170	111	57-150	
Dieldrin	153	1.5 U	162	106	55-128	
Endosulfan I	153	1.6 U	174	114	60-138	
Endosulfan II	153	1.2 U	161	105	59-133	
Endosulfan sulfate	153	0.99 U	162	106	56-133	
Endrin	153	1.1 U	173	113	61-150	
Endrin aldehyde	153	1.9 U	166	109	55-122	
Endrin ketone	153	1.1 U	174	114	62-139	
Heptachlor	153	1.1 U	165	108	58-137	
Heptachlor epoxide	153	1.5 U	167	110	59-136	
Methoxychlor	153	0.86 U	157	103	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135320.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	156	171	110	1	30	58-143	
alpha-BHC	156	162	104	1	30	58-138	
beta-BHC	156	159	102	2	30	60-139	
delta-BHC	156	136	87	2	30	60-141	
gamma-BHC (Lindane)	156	162	104	1	30	58-136	
4,4'-DDD	156	163	105	0	30	63-150	
4,4'-DDE	156	171	110	0	30	58-150	
4,4'-DDT	156	165	106	0	30	57-150	
Dieldrin	156	150	97	0	30	55-128	
Endosulfan I	156	164	106	0	30	60-138	
Endosulfan II	156	152	98	1	30	59-133	
Endosulfan sulfate	156	137	88	1	30	56-133	
Endrin	156	167	108	0	30	61-150	
Endrin aldehyde	156	141	90	1	30	55-122	
Endrin ketone	156	149	96	2	30	62-139	
Heptachlor	156	175	113	2	30	58-137	
Heptachlor epoxide	156	165	106	1	30	59-136	
Methoxychlor	156	160	103	0	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135320.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	156	153	99	2	30	58-143	
alpha-BHC	156	152	98	2	30	58-138	
beta-BHC	156	153	99	2	30	60-139	
delta-BHC	156	125	80	6	30	60-141	
gamma-BHC (Lindane)	156	150	97	2	30	58-136	
4,4'-DDD	156	150	97	1	30	63-150	
4,4'-DDE	156	155	100	1	30	58-150	
4,4'-DDT	156	147	94	0	30	57-150	
Dieldrin	156	139	90	1	30	55-128	
Endosulfan I	156	155	100	3	30	60-138	
Endosulfan II	156	138	89	0	30	59-133	
Endosulfan sulfate	156	124	79	1	30	56-133	
Endrin	156	156	100	1	30	61-150	
Endrin aldehyde	156	134	86	1	30	55-122	
Endrin ketone	156	139	90	1	30	62-139	
Heptachlor	156	154	99	2	30	58-137	
Heptachlor epoxide	156	153	98	2	30	59-136	
Methoxychlor	156	137	88	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf135274.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	153	186	122	NC	30	58-143	
alpha-BHC	153	176	115	NC	30	58-138	
beta-BHC	153	171	112	NC	30	60-139	
delta-BHC	153	174	114	NC	30	60-141	
gamma-BHC (Lindane)	153	175	114	NC	30	58-136	
4,4'-DDD	153	182	119	NC	30	63-150	
4,4'-DDE	153	188	123	NC	30	58-150	
4,4'-DDT	153	173	113	NC	30	57-150	
Dieldrin	153	165	107	NC	30	55-128	
Endosulfan I	153	179	117	NC	30	60-138	
Endosulfan II	153	170	111	NC	30	59-133	
Endosulfan sulfate	153	169	110	NC	30	56-133	
Endrin	153	177	115	NC	30	61-150	
Endrin aldehyde	153	164	107	NC	30	55-122	
Endrin ketone	153	182	119	NC	30	62-139	
Heptachlor	153	181	118	NC	30	58-137	
Heptachlor epoxide	153	178	116	NC	30	59-136	
Methoxychlor	153	165	108	NC	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr135274.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	153	174	113	NC	30	58-143	
alpha-BHC	153	167	109	NC	30	58-138	
beta-BHC	153	170	111	NC	30	60-139	
delta-BHC	153	168	110	NC	30	60-141	
gamma-BHC (Lindane)	153	169	111	NC	30	58-136	
4,4'-DDD	153	185	121	NC	30	63-150	
4,4'-DDE	153	182	119	NC	30	58-150	
4,4'-DDT	153	176	115	NC	30	57-150	
Dieldrin	153	167	109	NC	30	55-128	
Endosulfan I	153	182	119	NC	30	60-138	
Endosulfan II	153	166	108	NC	30	59-133	
Endosulfan sulfate	153	166	108	NC	30	56-133	
Endrin	153	178	116	NC	30	61-150	
Endrin aldehyde	153	170	111	NC	30	55-122	
Endrin ketone	153	179	117	NC	30	62-139	
Heptachlor	153	168	110	NC	30	58-137	
Heptachlor epoxide	153	172	112	NC	30	59-136	
Methoxychlor	153	162	106	NC	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.: 460-41492-1

SDG No.:

Lab Sample ID: MB 460-116910/1-A

Matrix: Solid Date Extracted: 06/21/2012 05:59

Lab File ID:(1) xr135287.d Lab File ID:(2) xf135287.d

Date Analyzed:(1) 06/21/2012 15:59 Date Analyzed:(2) 06/21/2012 15:59

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 460-116910/2-A	06/21/2012 12:33	06/21/2012 12:33
F-6 MS	460-41492-21 MS	06/21/2012 12:46	06/21/2012 12:46
F-6 MSD	460-41492-21 MSD	06/21/2012 13:00	06/21/2012 13:00
F-6	460-41492-21	06/21/2012 14:50	06/21/2012 14:50
F-7	460-41492-22	06/21/2012 15:04	06/21/2012 15:04

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: MB 460-116911/1-A

Matrix: Solid Date Extracted: 06/21/2012 06:24

Lab File ID:(1) xr135341.d Lab File ID:(2) xf135341.d

Date Analyzed:(1) 06/22/2012 12:50 Date Analyzed:(2) 06/22/2012 12:50

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 460-116911/2-A	06/22/2012 07:33	06/22/2012 07:33
SF-8 MS	460-41492-8 MS	06/22/2012 07:46	06/22/2012 07:46
SF-8 MSD	460-41492-8 MSD	06/22/2012 08:00	06/22/2012 08:00
SF-1	460-41492-1	06/22/2012 08:14	06/22/2012 08:14
SF-2	460-41492-2	06/22/2012 08:28	06/22/2012 08:28
SF-3	460-41492-3	06/22/2012 08:42	06/22/2012 08:42
SF-4	460-41492-4	06/22/2012 08:55	06/22/2012 08:55
SF-5	460-41492-5	06/22/2012 09:09	06/22/2012 09:09
SF-6	460-41492-6	06/22/2012 09:23	06/22/2012 09:23
SF-7	460-41492-7	06/22/2012 09:37	06/22/2012 09:37
SF-8	460-41492-8	06/22/2012 09:51	06/22/2012 09:51
SF-9	460-41492-9	06/22/2012 10:04	06/22/2012 10:04
SF-10	460-41492-10	06/22/2012 10:18	06/22/2012 10:18
SF-11	460-41492-11	06/22/2012 10:32	06/22/2012 10:32
SF-12	460-41492-12	06/22/2012 10:46	06/22/2012 10:46
SF-13	460-41492-13	06/22/2012 11:00	06/22/2012 11:00
SF-14	460-41492-14	06/22/2012 11:13	06/22/2012 11:13
FD-C	460-41492-15	06/22/2012 11:27	06/22/2012 11:27
F-1	460-41492-16	06/22/2012 11:41	06/22/2012 11:41
F-2	460-41492-17	06/22/2012 11:55	06/22/2012 11:55
F-4	460-41492-19	06/22/2012 12:09	06/22/2012 12:09
F-5	460-41492-20	06/22/2012 12:22	06/22/2012 12:22
FD-D	460-41492-23	06/22/2012 12:36	06/22/2012 12:36

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117101/1 Date Analyzed: 06/21/2012 11:47

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf135270.d Heated Purge: (Y/N) N

Calibration ID: 16114

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.28	10.31	
UPPER LIMIT				2.33	10.41	
LOWER LIMIT				2.23	10.21	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117101/1		06/21/2012 11:47	xf135270.d	2.28	10.31	
LCS 460-116910/2-A		06/21/2012 12:33	xf135272.d	2.28	10.32	
460-41492-21 MS	F-6 MS	06/21/2012 12:46	xf135273.d	2.28	10.32	
460-41492-21 MSD	F-6 MSD	06/21/2012 13:00	xf135274.d	2.28	10.32	
460-41492-21	F-6	06/21/2012 14:50	xf135282.d	2.28	10.32	
460-41492-22	F-7	06/21/2012 15:04	xf135283.d	2.28	10.32	
MB 460-116910/1-A		06/21/2012 15:59	xf135287.d	2.28	10.32	
CCV 460-117101/20		06/21/2012 16:27	xf135289.d	2.28	10.32	

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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117101/1 Date Analyzed: 06/21/2012 11:47

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr135270.d Heated Purge: (Y/N) N

Calibration ID: 16115

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 460-117101/1		06/21/2012 11:47	xr135270.d	1.88	9.33	
LCS 460-116910/2-A		06/21/2012 12:33	xr135272.d	1.88	9.33	
460-41492-21 MS	F-6 MS	06/21/2012 12:46	xr135273.d	1.88	9.33	
460-41492-21 MSD	F-6 MSD	06/21/2012 13:00	xr135274.d	1.88	9.33	
460-41492-21	F-6	06/21/2012 14:50	xr135282.d	1.88	9.33	
460-41492-22	F-7	06/21/2012 15:04	xr135283.d	1.88	9.33	
MB 460-116910/1-A		06/21/2012 15:59	xr135287.d	1.88	9.33	
CCV 460-117101/20		06/21/2012 16:27	xr135289.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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117312/5 Date Analyzed: 06/22/2012 06:52

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf135317.d Heated Purge: (Y/N) N

Calibration ID: 16114

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.28	10.32	
UPPER LIMIT				2.33	10.42	
LOWER LIMIT				2.23	10.22	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117312/5		06/22/2012 06:52	xf135317.d	2.28	10.32	
LCS 460-116911/2-A		06/22/2012 07:33	xf135318.d	2.28	10.32	
460-41492-8 MS	SF-8 MS	06/22/2012 07:46	xf135319.d	2.28	10.32	
460-41492-8 MSD	SF-8 MSD	06/22/2012 08:00	xf135320.d	2.27	10.32	
460-41492-1	SF-1	06/22/2012 08:14	xf135321.d	2.28	10.31	
460-41492-2	SF-2	06/22/2012 08:28	xf135322.d	2.28	10.32	
460-41492-3	SF-3	06/22/2012 08:42	xf135323.d	2.27	10.32	
460-41492-4	SF-4	06/22/2012 08:55	xf135324.d	2.27	10.32	
460-41492-5	SF-5	06/22/2012 09:09	xf135325.d	2.28	10.32	
460-41492-6	SF-6	06/22/2012 09:23	xf135326.d	2.28	10.32	
460-41492-7	SF-7	06/22/2012 09:37	xf135327.d	2.28	10.32	
460-41492-8	SF-8	06/22/2012 09:51	xf135328.d	2.27	10.32	
460-41492-9	SF-9	06/22/2012 10:04	xf135329.d	2.27	10.32	
460-41492-10	SF-10	06/22/2012 10:18	xf135330.d	2.28	10.32	
460-41492-11	SF-11	06/22/2012 10:32	xf135331.d	2.28	10.32	
460-41492-12	SF-12	06/22/2012 10:46	xf135332.d	2.27	10.32	
460-41492-13	SF-13	06/22/2012 11:00	xf135333.d	2.28	10.32	
460-41492-14	SF-14	06/22/2012 11:13	xf135334.d	2.27	10.32	
460-41492-15	FD-C	06/22/2012 11:27	xf135335.d	2.28	10.32	
460-41492-16	F-1	06/22/2012 11:41	xf135336.d	2.27	10.32	
460-41492-17	F-2	06/22/2012 11:55	xf135337.d	2.28	10.32	
460-41492-19	F-4	06/22/2012 12:09	xf135338.d	2.27	10.32	
460-41492-20	F-5	06/22/2012 12:22	xf135339.d	2.28	10.32	
460-41492-23	FD-D	06/22/2012 12:36	xf135340.d	2.28	10.32	
MB 460-116911/1-A		06/22/2012 12:50	xf135341.d	2.28	10.32	
CCV 460-117312/31		06/22/2012 13:18	xf135343.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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117312/5 Date Analyzed: 06/22/2012 06:52

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr135317.d Heated Purge: (Y/N) N

Calibration ID: 16115

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 460-117312/5		06/22/2012 06:52	xr135317.d	1.88	9.33	
LCS 460-116911/2-A		06/22/2012 07:33	xr135318.d	1.88	9.33	
460-41492-8 MS	SF-8 MS	06/22/2012 07:46	xr135319.d	1.88	9.33	
460-41492-8 MSD	SF-8 MSD	06/22/2012 08:00	xr135320.d	1.88	9.33	
460-41492-1	SF-1	06/22/2012 08:14	xr135321.d	1.88	9.33	
460-41492-2	SF-2	06/22/2012 08:28	xr135322.d	1.88	9.33	
460-41492-3	SF-3	06/22/2012 08:42	xr135323.d	1.88	9.33	
460-41492-4	SF-4	06/22/2012 08:55	xr135324.d	1.88	9.33	
460-41492-5	SF-5	06/22/2012 09:09	xr135325.d	1.88	9.33	
460-41492-6	SF-6	06/22/2012 09:23	xr135326.d	1.88	9.33	
460-41492-7	SF-7	06/22/2012 09:37	xr135327.d	1.88	9.33	
460-41492-8	SF-8	06/22/2012 09:51	xr135328.d	1.88	9.33	
460-41492-9	SF-9	06/22/2012 10:04	xr135329.d	1.87	9.33	
460-41492-10	SF-10	06/22/2012 10:18	xr135330.d	1.88	9.33	
460-41492-11	SF-11	06/22/2012 10:32	xr135331.d	1.88	9.33	
460-41492-12	SF-12	06/22/2012 10:46	xr135332.d	1.88	9.33	
460-41492-13	SF-13	06/22/2012 11:00	xr135333.d	1.88	9.33	
460-41492-14	SF-14	06/22/2012 11:13	xr135334.d	1.88	9.33	
460-41492-15	FD-C	06/22/2012 11:27	xr135335.d	1.88	9.33	
460-41492-16	F-1	06/22/2012 11:41	xr135336.d	1.88	9.33	
460-41492-17	F-2	06/22/2012 11:55	xr135337.d	1.88	9.33	
460-41492-19	F-4	06/22/2012 12:09	xr135338.d	1.88	9.33	
460-41492-20	F-5	06/22/2012 12:22	xr135339.d	1.88	9.33	
460-41492-23	FD-D	06/22/2012 12:36	xr135340.d	1.88	9.33	
MB 460-116911/1-A		06/22/2012 12:50	xr135341.d	1.88	9.33	
CCV 460-117312/31		06/22/2012 13:18	xr135343.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 X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS Lab Sample ID: 460-41492-8 MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/22/2012 07:46 Date Analyzed (2): 06/22/2012 07:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.22	2.32	150		7.0
	2		2.77	2.72	2.82	160		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	147		8.4
	2		3.11	3.06	3.16	160		
beta-BHC	1		2.56	2.51	2.61	151		3.2
	2		3.20	3.15	3.25	156		
delta-BHC	1		2.68	2.63	2.73	118		12.0
	2		3.57	3.53	3.63	133		
Heptachlor	1		2.85	2.80	2.90	151		13.6
	2		3.68	3.64	3.74	173		
Aldrin	1		3.11	3.06	3.16	150		12.0
	2		4.47	4.42	4.52	169		
Heptachlor epoxide	1		3.91	3.85	3.99	150		8.1
	2		6.00	5.94	6.08	163		
4,4'-DDE	1		4.72	4.66	4.80	154		10.2
	2		7.18	7.11	7.25	170		
Endosulfan I	1		4.83	4.76	4.90	151		7.9
	2		6.99	6.92	7.06	163		
Dieldrin	1		5.42	5.36	5.50	137		8.6
	2		7.45	7.38	7.52	150		
Endrin	1		6.01	5.95	6.09	154		8.0
	2		7.83	7.76	7.90	167		
4,4'-DDD	1		6.21	6.14	6.28	149		8.9
	2		7.93	7.87	8.01	163		
Endosulfan II	1		6.56	6.49	6.63	138		10.6
	2		8.07	8.00	8.14	153		
4,4'-DDT	1		6.87	6.81	6.95	146		11.6
	2		8.30	8.23	8.37	164		
Endrin aldehyde	1		7.36	7.30	7.44	135		5.1
	2		8.46	8.40	8.54	142		
Methoxychlor	1		7.65	7.58	7.72	138		14.4
	2		9.10	9.03	9.17	160		
Endosulfan sulfate	1		7.88	7.81	7.95	125		10.2
	2		8.79	8.72	8.86	138		
Endrin ketone	1		8.19	8.12	8.26	141		7.3
	2		9.39	9.32	9.46	151		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD Lab Sample ID: 460-41492-8 MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/22/2012 08:00 Date Analyzed (2): 06/22/2012 08:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.22	2.32	152		6.4
	2		2.77	2.72	2.82	162		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	150		7.3
	2		3.11	3.06	3.16	162		
beta-BHC	1		2.55	2.51	2.61	153		3.5
	2		3.20	3.15	3.25	159		
delta-BHC	1		2.68	2.63	2.73	125		8.1
	2		3.57	3.53	3.63	136		
Heptachlor	1		2.85	2.80	2.90	154		13.3
	2		3.68	3.64	3.74	175		
Aldrin	1		3.11	3.06	3.16	153		10.9
	2		4.47	4.42	4.52	171		
Heptachlor epoxide	1		3.91	3.85	3.99	153		7.4
	2		6.00	5.94	6.08	165		
4,4'-DDE	1		4.72	4.66	4.80	155		9.6
	2		7.18	7.11	7.25	171		
Endosulfan I	1		4.82	4.76	4.90	155		5.7
	2		6.98	6.92	7.06	164		
Dieldrin	1		5.42	5.36	5.50	139		7.7
	2		7.45	7.38	7.52	150		
Endrin	1		6.01	5.95	6.09	156		7.4
	2		7.83	7.76	7.90	167		
4,4'-DDD	1		6.20	6.14	6.28	150		8.2
	2		7.93	7.87	8.01	163		
Endosulfan II	1		6.55	6.49	6.63	138		9.8
	2		8.07	8.00	8.14	152		
4,4'-DDT	1		6.87	6.81	6.95	147		11.4
	2		8.30	8.23	8.37	165		
Endrin aldehyde	1		7.36	7.30	7.44	134		4.7
	2		8.46	8.40	8.54	141		
Methoxychlor	1		7.65	7.58	7.72	137		14.9
	2		9.10	9.03	9.17	160		
Endosulfan sulfate	1		7.88	7.81	7.95	124		10.0
	2		8.79	8.72	8.86	137		
Endrin ketone	1		8.19	8.12	8.26	139		6.7
	2		9.39	9.32	9.46	149		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS Lab Sample ID: 460-41492-21 MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/21/2012 12:46 Date Analyzed (2): 06/21/2012 12:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.22	2.32	164		4.1
	2		2.77	2.72	2.82	171		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	165		2.8
	2		3.11	3.06	3.16	170		
beta-BHC	1		2.56	2.51	2.61	169		1.3
	2		3.20	3.15	3.25	166		
delta-BHC	1		2.68	2.63	2.73	167		2.4
	2		3.58	3.53	3.63	171		
Heptachlor	1		2.85	2.80	2.90	165		4.6
	2		3.69	3.64	3.74	173		
Aldrin	1		3.12	3.07	3.17	170		6.0
	2		4.47	4.42	4.52	181		
Heptachlor epoxide	1		3.92	3.85	3.99	167		3.1
	2		6.01	5.94	6.08	173		
4,4'-DDE	1		4.73	4.66	4.80	178		2.3
	2		7.18	7.11	7.25	182		
Endosulfan I	1		4.83	4.76	4.90	174		0.5
	2		6.99	6.92	7.06	174		
Dieldrin	1		5.43	5.36	5.50	162		1.4
	2		7.46	7.39	7.53	159		
Endrin	1		6.02	5.95	6.09	173		1.4
	2		7.83	7.76	7.90	170		
4,4'-DDD	1		6.21	6.14	6.28	179		2.5
	2		7.94	7.87	8.01	175		
Endosulfan II	1		6.56	6.49	6.63	161		2.6
	2		8.07	8.00	8.14	165		
4,4'-DDT	1		6.88	6.81	6.95	170		2.6
	2		8.30	8.23	8.37	165		
Endrin aldehyde	1		7.37	7.30	7.44	166		3.4
	2		8.47	8.40	8.54	161		
Methoxychlor	1		7.65	7.58	7.72	157		0.1
	2		9.10	9.04	9.18	157		
Endosulfan sulfate	1		7.88	7.81	7.95	162		1.4
	2		8.80	8.73	8.87	164		
Endrin ketone	1		8.19	8.12	8.26	174		0.9
	2		9.39	9.32	9.46	176		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD Lab Sample ID: 460-41492-21 MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/21/2012 13:00 Date Analyzed (2): 06/21/2012 13:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.27	2.22	2.32	167		5.3
	2		2.77	2.72	2.82	176		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	169		3.3
	2		3.11	3.06	3.16	175		
beta-BHC	1		2.56	2.51	2.61	170		0.5
	2		3.20	3.15	3.25	171		
delta-BHC	1		2.68	2.63	2.73	168		3.5
	2		3.58	3.53	3.63	174		
Heptachlor	1		2.85	2.80	2.90	168		6.9
	2		3.69	3.64	3.74	181		
Aldrin	1		3.11	3.07	3.17	174		7.1
	2		4.47	4.42	4.52	186		
Heptachlor epoxide	1		3.92	3.85	3.99	172		3.9
	2		6.01	5.94	6.08	178		
4,4'-DDE	1		4.73	4.66	4.80	182		3.5
	2		7.18	7.11	7.25	188		
Endosulfan I	1		4.83	4.76	4.90	182		1.3
	2		6.99	6.92	7.06	179		
Dieldrin	1		5.43	5.36	5.50	167		1.4
	2		7.46	7.39	7.53	165		
Endrin	1		6.02	5.95	6.09	178		1.0
	2		7.83	7.76	7.90	177		
4,4'-DDD	1		6.21	6.14	6.28	185		1.9
	2		7.94	7.87	8.01	182		
Endosulfan II	1		6.56	6.49	6.63	166		2.7
	2		8.07	8.00	8.14	170		
4,4'-DDT	1		6.88	6.81	6.95	176		1.6
	2		8.30	8.23	8.37	173		
Endrin aldehyde	1		7.37	7.30	7.44	170		3.7
	2		8.47	8.40	8.54	164		
Methoxychlor	1		7.65	7.58	7.72	162		1.7
	2		9.10	9.04	9.18	165		
Endosulfan sulfate	1		7.88	7.81	7.95	166		1.7
	2		8.80	8.73	8.87	169		
Endrin ketone	1		8.19	8.12	8.26	179		1.5
	2		9.39	9.32	9.46	182		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116910/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/21/2012 12:33 Date Analyzed (2): 06/21/2012 12:33

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	2.22	2.32	148		2.6
	2		2.77	2.72	2.82	152		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	150		1.9
	2		3.11	3.06	3.16	152		
beta-BHC	1		2.56	2.51	2.61	155		2.3
	2		3.20	3.15	3.25	151		
delta-BHC	1		2.68	2.63	2.73	147		2.0
	2		3.58	3.53	3.63	150		
Heptachlor	1		2.85	2.80	2.90	150		1.9
	2		3.69	3.64	3.74	153		
Aldrin	1		3.11	3.07	3.17	155		5.7
	2		4.47	4.42	4.52	164		
Heptachlor epoxide	1		3.92	3.85	3.99	152		2.8
	2		6.01	5.94	6.08	157		
4,4'-DDE	1		4.73	4.66	4.80	166		1.9
	2		7.18	7.11	7.25	169		
Endosulfan I	1		4.83	4.76	4.90	157		0.2
	2		6.99	6.92	7.06	157		
Dieldrin	1		5.43	5.36	5.50	146		0.6
	2		7.46	7.39	7.53	145		
Endrin	1		6.02	5.95	6.09	153		1.6
	2		7.83	7.76	7.90	151		
4,4'-DDD	1		6.21	6.14	6.28	165		3.2
	2		7.94	7.87	8.01	160		
Endosulfan II	1		6.56	6.49	6.63	145		3.7
	2		8.07	8.00	8.14	151		
4,4'-DDT	1		6.88	6.81	6.95	155		3.3
	2		8.30	8.23	8.37	150		
Endrin aldehyde	1		7.37	7.30	7.44	153		3.0
	2		8.47	8.40	8.54	148		
Methoxychlor	1		7.65	7.58	7.72	144		3.3
	2		9.11	9.04	9.18	139		
Endosulfan sulfate	1		7.88	7.81	7.95	145		1.7
	2		8.80	8.73	8.87	148		
Endrin ketone	1		8.19	8.12	8.26	155		0.8
	2		9.39	9.32	9.46	156		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116911/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/22/2012 07:33 Date Analyzed (2): 06/22/2012 07:33

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	2.22	2.32	129		6.6
	2		2.77	2.72	2.82	137		
gamma-BHC (Lindane)	1		2.49	2.44	2.54	127		8.3
	2		3.11	3.06	3.16	138		
beta-BHC	1		2.56	2.51	2.61	136		1.3
	2		3.20	3.15	3.25	138		
delta-BHC	1		2.68	2.63	2.73	80.3		1.2
	2		3.57	3.53	3.63	81.3		
Heptachlor	1		2.85	2.80	2.90	136		11.3
	2		3.68	3.64	3.74	153		
Aldrin	1		3.11	3.06	3.16	135		12.1
	2		4.47	4.42	4.52	152		
Heptachlor epoxide	1		3.91	3.85	3.99	133		8.9
	2		6.00	5.94	6.08	146		
4,4'-DDE	1		4.73	4.66	4.80	141		9.5
	2		7.18	7.11	7.25	155		
Endosulfan I	1		4.83	4.76	4.90	137		5.6
	2		6.99	6.92	7.06	145		
Dieldrin	1		5.42	5.36	5.50	124		8.1
	2		7.45	7.38	7.52	134		
Endrin	1		6.01	5.95	6.09	140		6.9
	2		7.83	7.76	7.90	150		
4,4'-DDD	1		6.21	6.14	6.28	139		5.4
	2		7.93	7.87	8.01	147		
Endosulfan II	1		6.55	6.49	6.63	126		8.2
	2		8.07	8.00	8.14	137		
4,4'-DDT	1		6.87	6.81	6.95	134		11.3
	2		8.30	8.23	8.37	150		
Endrin aldehyde	1		7.36	7.30	7.44	116		4.5
	2		8.47	8.40	8.54	122		
Methoxychlor	1		7.65	7.58	7.72	130		13.3
	2		9.10	9.03	9.17	148		
Endosulfan sulfate	1		7.88	7.81	7.95	99.2		10.0
	2		8.79	8.72	8.86	110		
Endrin ketone	1		8.19	8.12	8.26	121		7.2
	2		9.39	9.32	9.46	130		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 Lab Sample ID: 460-41492-1

Matrix: Solid Lab File ID: xf135321.d

Analysis Method: 8081A Date Collected: 06/18/2012 09:40

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 08:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

Data File: xf135321.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135321.d
Lab Smp Id: 460-41492-D-1-E Client Smp ID: SF-1
Inj Date : 22-JUN-2012 08:14
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-1-E
Misc Info : 460-41492-D-1-E
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	14.07035	% Moisture

Cpnd Variable Local Compound Variable

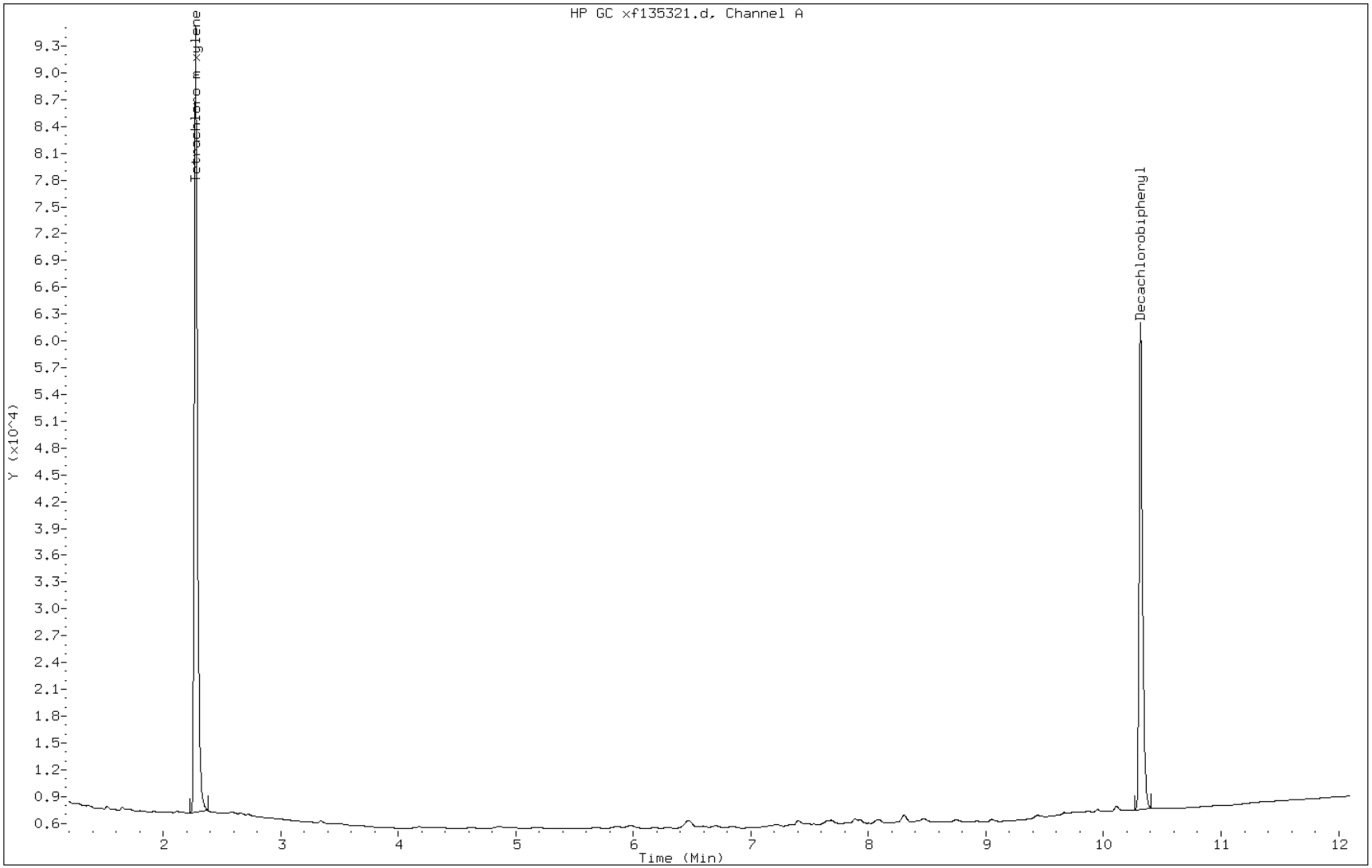
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	161420	53.9968	42	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.313	10.317	-0.004	109162	51.7811	40	80.00- 120.00	100.00

Data File: xf135321.d

Date: 22-JUN-2012 08:14

Client ID: SF-1 Instrument: PESTGC1.i

Sample Info: 460-41492-D-1-E Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: xr135321.d

Analysis Method: 8081A | Date Collected: 06/18/2012 09:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 08:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	103		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135321.d
Lab Smp Id: 460-41492-D-1-E Client Smp ID: SF-1
Inj Date : 22-JUN-2012 08:14
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-1-E
Misc Info : 460-41492-D-1-E
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	14.07035	% Moisture

Cpnd Variable Local Compound Variable

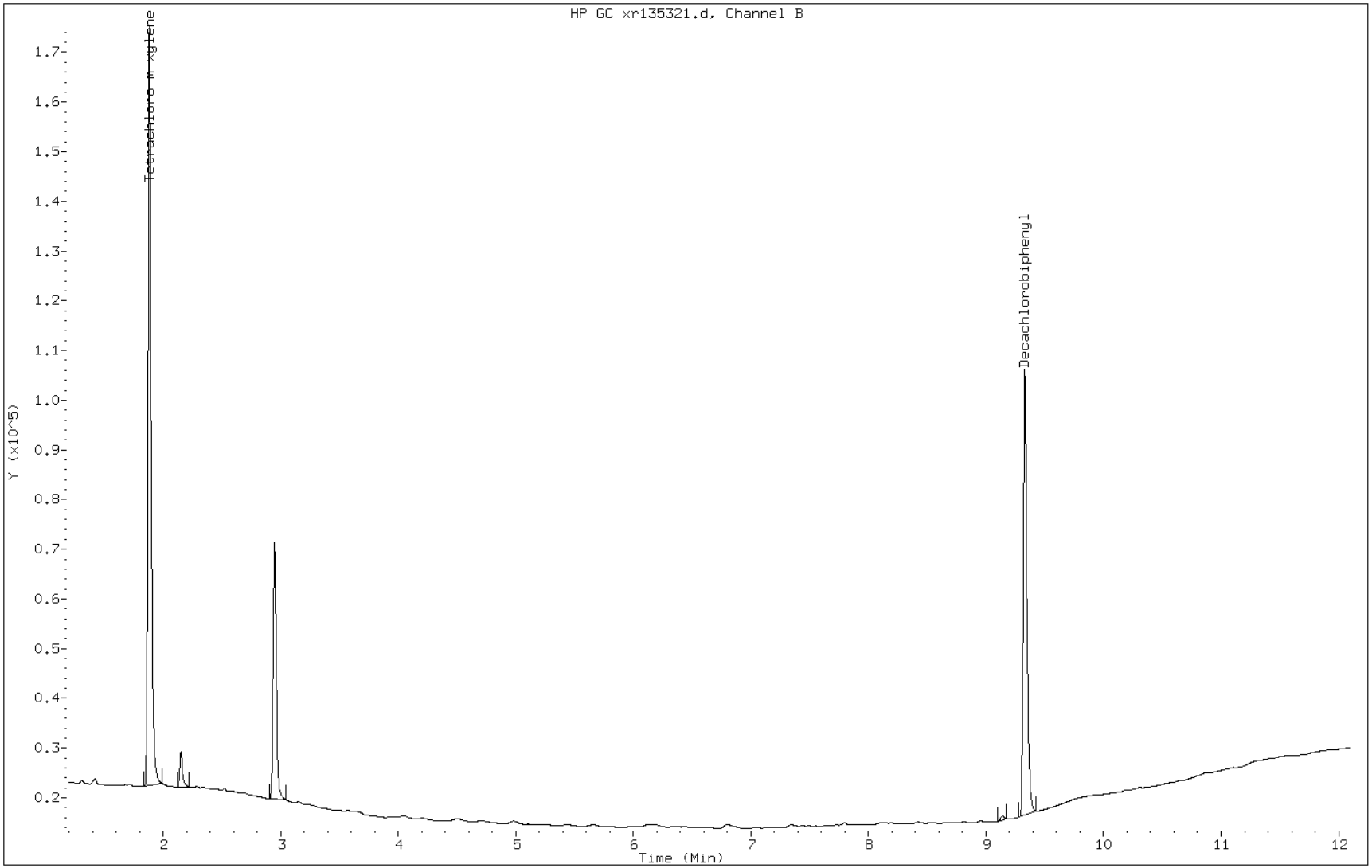
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	283844	51.6242	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	187736	50.6680	39	80.00- 120.00	100.00

Data File: xr135321.d

Date: 22-JUN-2012 08:14

Client ID: SF-1 Instrument: PESTGC1.i

Sample Info: 460-41492-D-1-E Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 Lab Sample ID: 460-41492-2

Matrix: Solid Lab File ID: xf135322.d

Analysis Method: 8081A Date Collected: 06/18/2012 10:40

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 08:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

Data File: xf135322.d
Report Date: 25-Jun-2012 08:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135322.d
Lab Smp Id: 460-41492-D-2-C Client Smp ID: SF-2
Inj Date : 22-JUN-2012 08:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-2-C
Misc Info : 460-41492-D-2-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	9.59410	% Moisture

Cpnd Variable Local Compound Variable

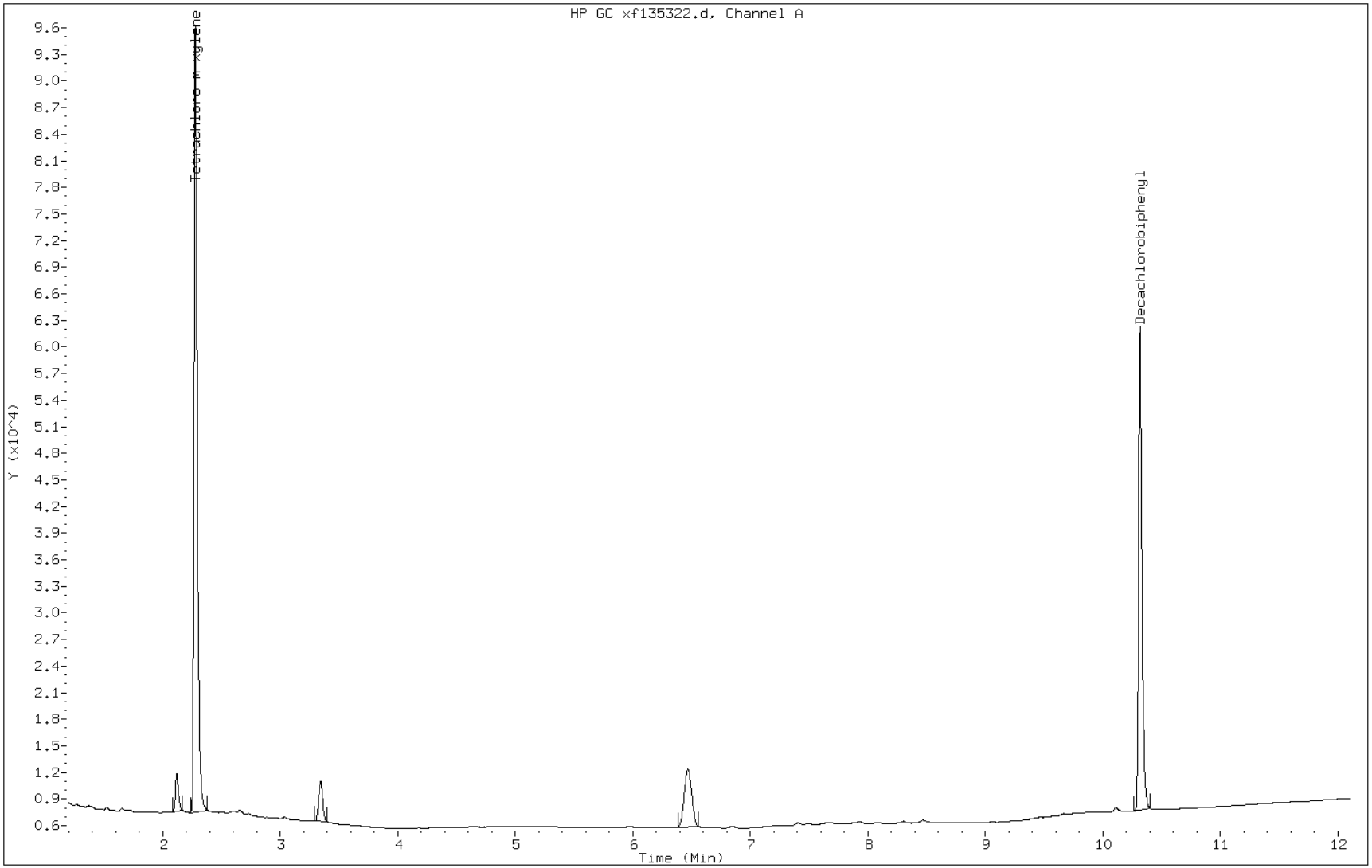
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	163298	54.6250	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	109176	51.7877	38	80.00- 120.00	100.00

Data File: xf135322.d

Date: 22-JUN-2012 08:28

Client ID: SF-2 Instrument: PESTGC1.i

Sample Info: 460-41492-D-2-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Matrix: Solid | Lab File ID: xr135322.d

Analysis Method: 8081A | Date Collected: 06/18/2012 10:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.05(g) | Date Analyzed: 06/22/2012 08:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	0.93	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	0.95	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	104		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135322.d
Lab Smp Id: 460-41492-D-2-C Client Smp ID: SF-2
Inj Date : 22-JUN-2012 08:28
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-2-C
Misc Info : 460-41492-D-2-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	9.59410	% Moisture

Cpnd Variable Local Compound Variable

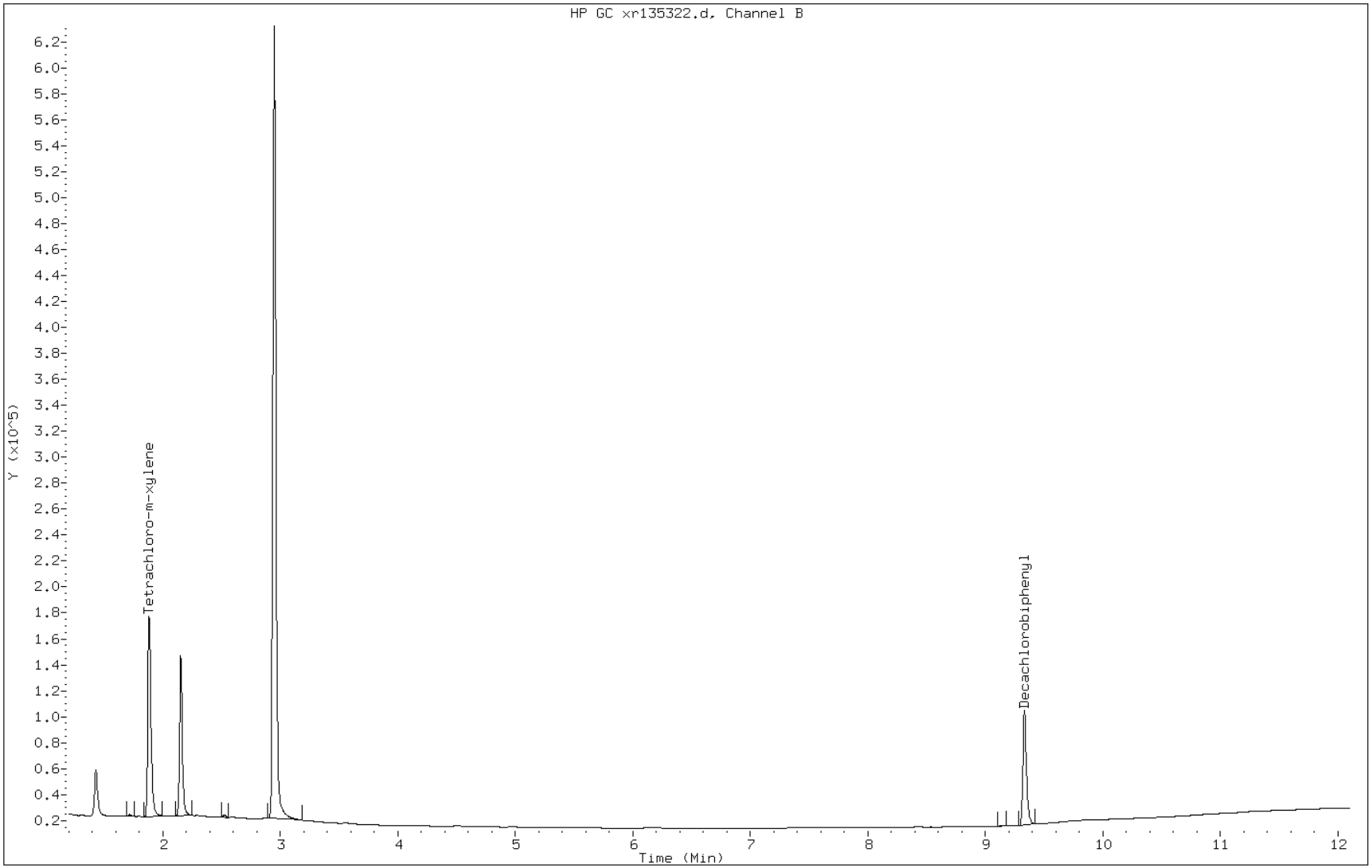
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	285214	51.8736	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	187288	50.5472	37	80.00- 120.00	100.00

Data File: xr135322.d

Date: 22-JUN-2012 08:28

Client ID: SF-2 Instrument: PESTGC1.i

Sample Info: 460-41492-D-2-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 Lab Sample ID: 460-41492-3

Matrix: Solid Lab File ID: xf135323.d

Analysis Method: 8081A Date Collected: 06/18/2012 12:25

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 08:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		40-150
2051-24-3	DCB Decachlorobiphenyl	103		53-150

Data File: xf135323.d
Report Date: 25-Jun-2012 08:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135323.d
Lab Smp Id: 460-41492-D-3-C Client Smp ID: SF-3
Inj Date : 22-JUN-2012 08:42
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-3-C
Misc Info : 460-41492-D-3-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	13.52740	% Moisture

Cpnd Variable Local Compound Variable

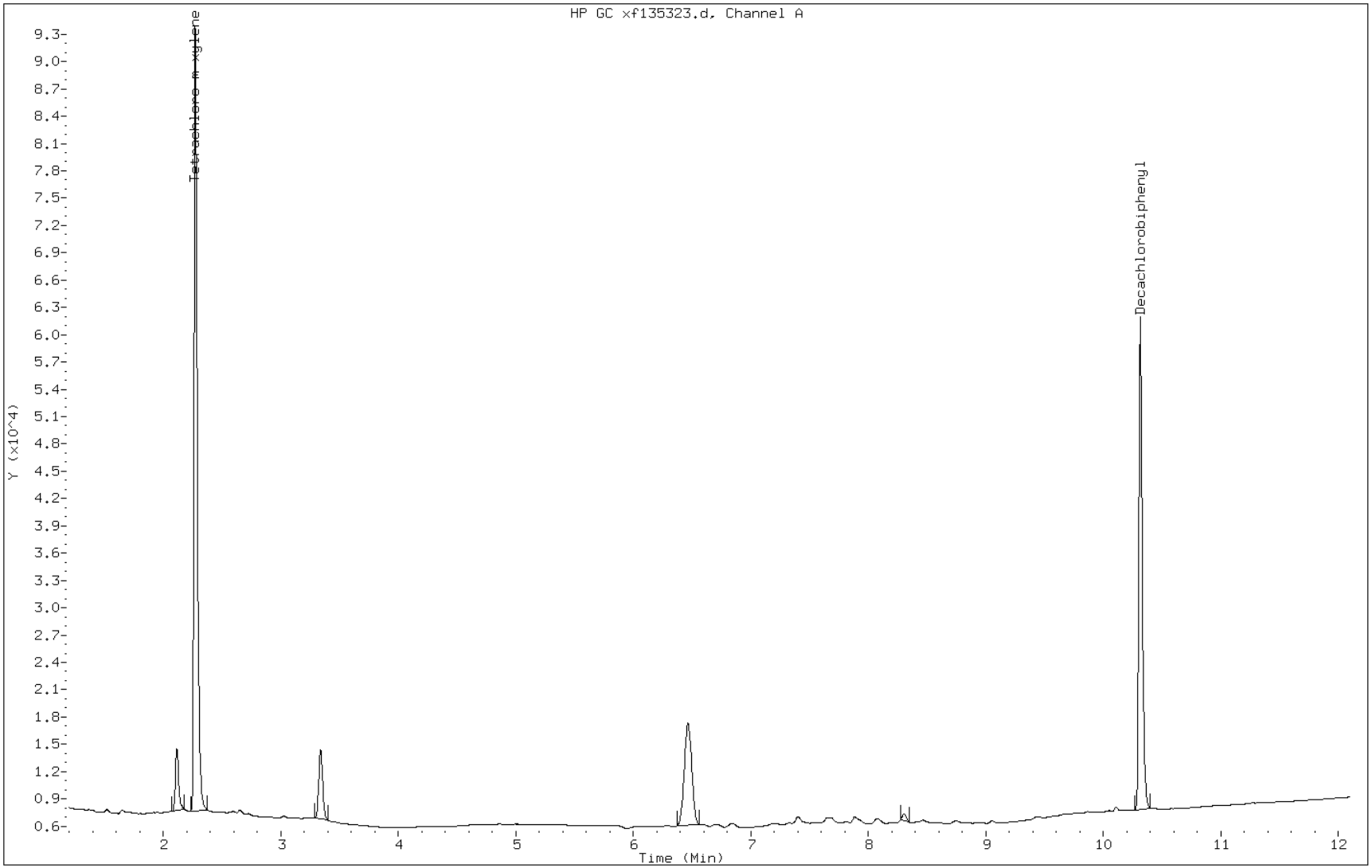
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	158555	53.0385	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	108155	51.3036	40	80.00- 120.00	100.00

Data File: xf135323.d

Date: 22-JUN-2012 08:42

Client ID: SF-3 Instrument: PESTGC1.i

Sample Info: 460-41492-D-3-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 | Lab Sample ID: 460-41492-3

Matrix: Solid | Lab File ID: xr135323.d

Analysis Method: 8081A | Date Collected: 06/18/2012 12:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 08:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.7	1.7
319-84-6	alpha-BHC	1.4	U	7.7	1.4
319-85-7	beta-BHC	1.1	U	7.7	1.1
319-86-8	delta-BHC	1.2	U	7.7	1.2
58-89-9	gamma-BHC (Lindane)	0.90	U	7.7	0.90
57-74-9	Chlordane	17	U	77	17
72-54-8	4,4'-DDD	0.93	U	7.7	0.93
72-55-9	4,4'-DDE	1.5	U	7.7	1.5
50-29-3	4,4'-DDT	0.97	U	7.7	0.97
60-57-1	Dieldrin	1.5	U	7.7	1.5
959-98-8	Endosulfan I	1.6	U	7.7	1.6
33213-65-9	Endosulfan II	1.2	U	7.7	1.2
1031-07-8	Endosulfan sulfate	0.99	U	7.7	0.99
72-20-8	Endrin	1.1	U	7.7	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.7	1.9
53494-70-5	Endrin ketone	1.1	U	7.7	1.1
76-44-8	Heptachlor	1.1	U	7.7	1.1
1024-57-3	Heptachlor epoxide	1.6	U	7.7	1.6
72-43-5	Methoxychlor	0.87	U	7.7	0.87
8001-35-2	Toxaphene	16	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135323.d
Lab Smp Id: 460-41492-D-3-C Client Smp ID: SF-3
Inj Date : 22-JUN-2012 08:42
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-3-C
Misc Info : 460-41492-D-3-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	13.52740	% Moisture

Cpnd Variable Local Compound Variable

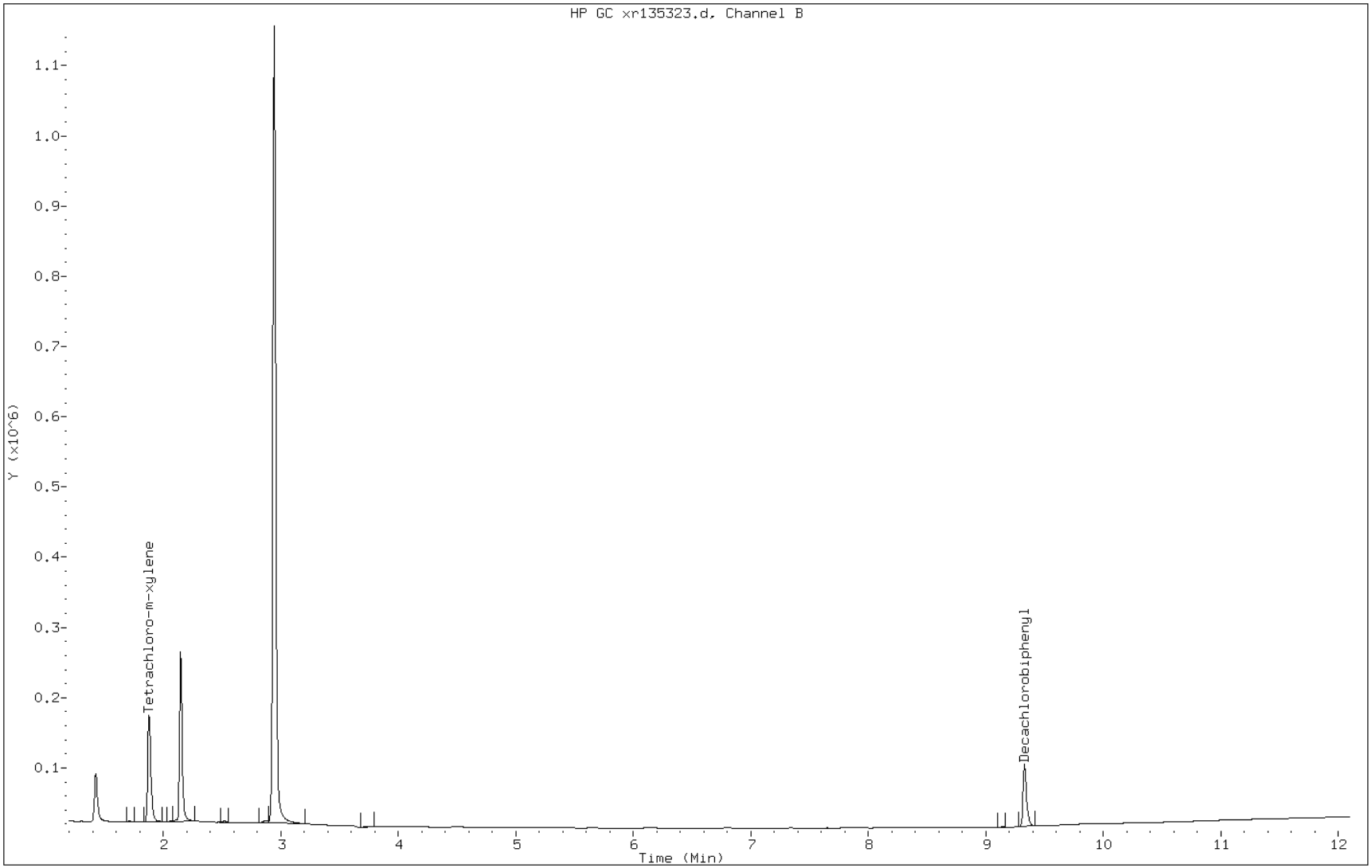
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	278847	50.7156	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	186269	50.2723	39	80.00- 120.00	100.00

Data File: xr135323.d

Date: 22-JUN-2012 08:42

Client ID: SF-3 Instrument: PESTGC1.i

Sample Info: 460-41492-D-3-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 Lab Sample ID: 460-41492-4

Matrix: Solid Lab File ID: xf135324.d

Analysis Method: 8081A Date Collected: 06/18/2012 13:10

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 08:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

Data File: xf135324.d
Report Date: 25-Jun-2012 08:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135324.d
Lab Smp Id: 460-41492-D-4-C Client Smp ID: SF-4
Inj Date : 22-JUN-2012 08:55
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-4-C
Misc Info : 460-41492-D-4-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	11.26214	% Moisture

Cpnd Variable Local Compound Variable

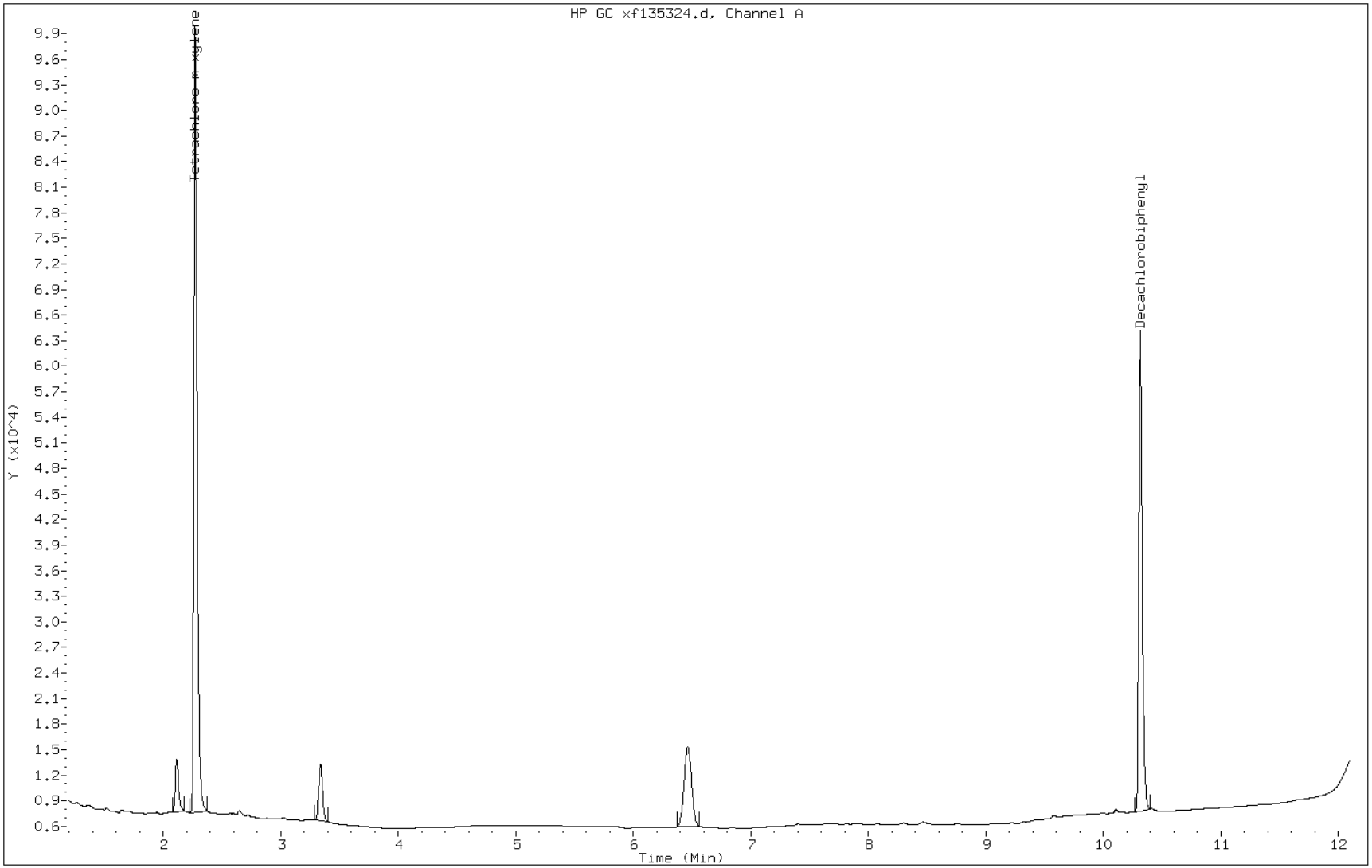
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	169205	56.6010	42	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	111899	53.0794	40	80.00- 120.00	100.00

Data File: xf135324.d

Date: 22-JUN-2012 08:55

Client ID: SF-4 Instrument: PESTGC1.i

Sample Info: 460-41492-D-4-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Matrix: Solid | Lab File ID: xr135324.d

Analysis Method: 8081A | Date Collected: 06/18/2012 13:10

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) | Date Analyzed: 06/22/2012 08:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.5	1.7
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)	0.88	U	7.5	0.88
57-74-9	Chlordane	16	U	75	16
72-54-8	4,4'-DDD	0.90	U	7.5	0.90
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	1.5	U	7.5	1.5
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	0.97	U	7.5	0.97
72-20-8	Endrin	1.1	U	7.5	1.1
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	108		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135324.d
Lab Smp Id: 460-41492-D-4-C Client Smp ID: SF-4
Inj Date : 22-JUN-2012 08:55
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-4-C
Misc Info : 460-41492-D-4-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	11.26214	% Moisture

Cpnd Variable Local Compound Variable

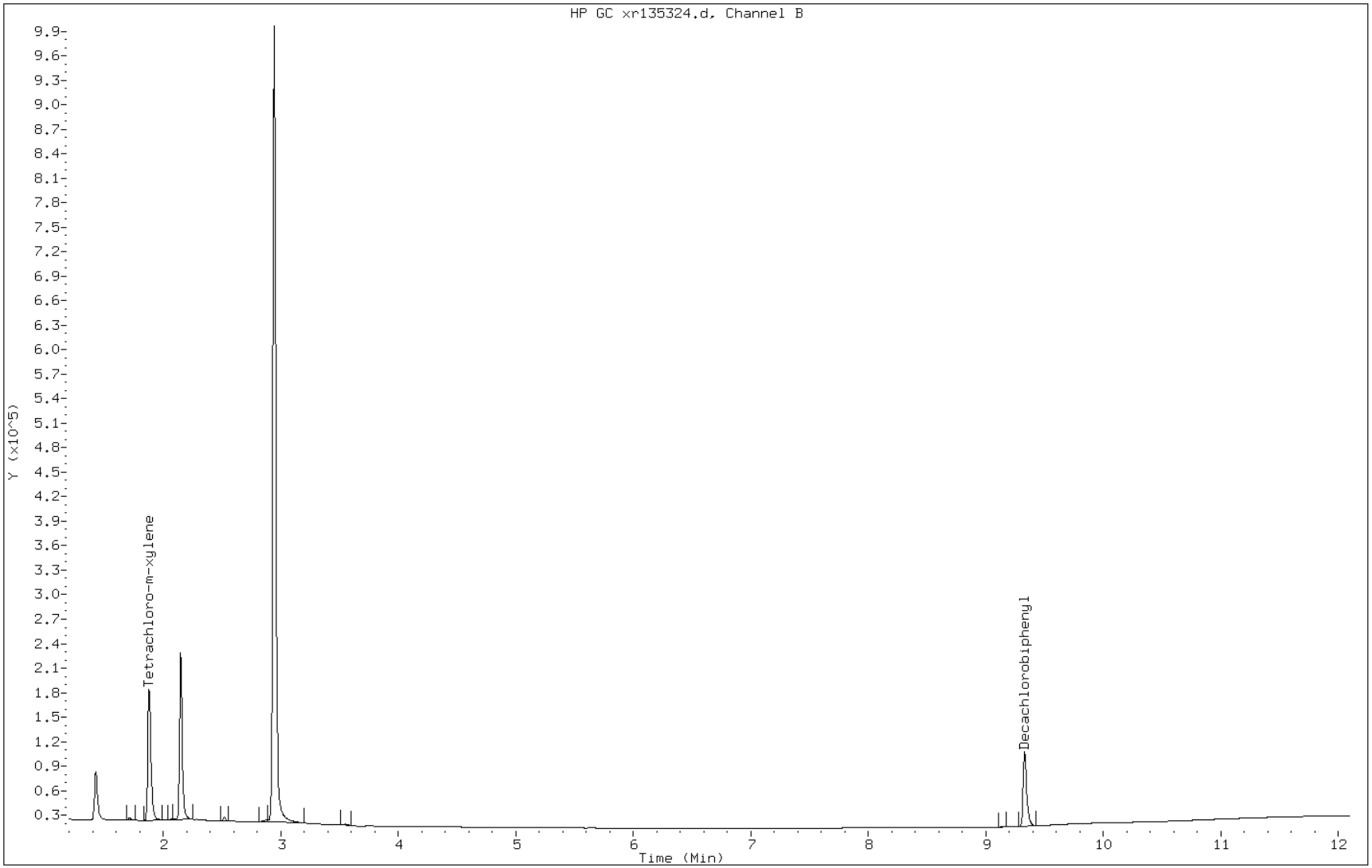
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	296721	53.9664	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	196100	52.9254	40	80.00- 120.00	100.00

Data File: xr135324.d

Date: 22-JUN-2012 08:55

Client ID: SF-4 Instrument: PESTGC1.i

Sample Info: 460-41492-D-4-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 Lab Sample ID: 460-41492-5

Matrix: Solid Lab File ID: xf135325.d

Analysis Method: 8081A Date Collected: 06/18/2012 14:25

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) Date Analyzed: 06/22/2012 09:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		40-150
2051-24-3	DCB Decachlorobiphenyl	94		53-150

Data File: xf135325.d
Report Date: 25-Jun-2012 08:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135325.d
Lab Smp Id: 460-41492-D-5-C Client Smp ID: SF-5
Inj Date : 22-JUN-2012 09:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-5-C
Misc Info : 460-41492-D-5-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	14.86486	% Moisture

Cpnd Variable Local Compound Variable

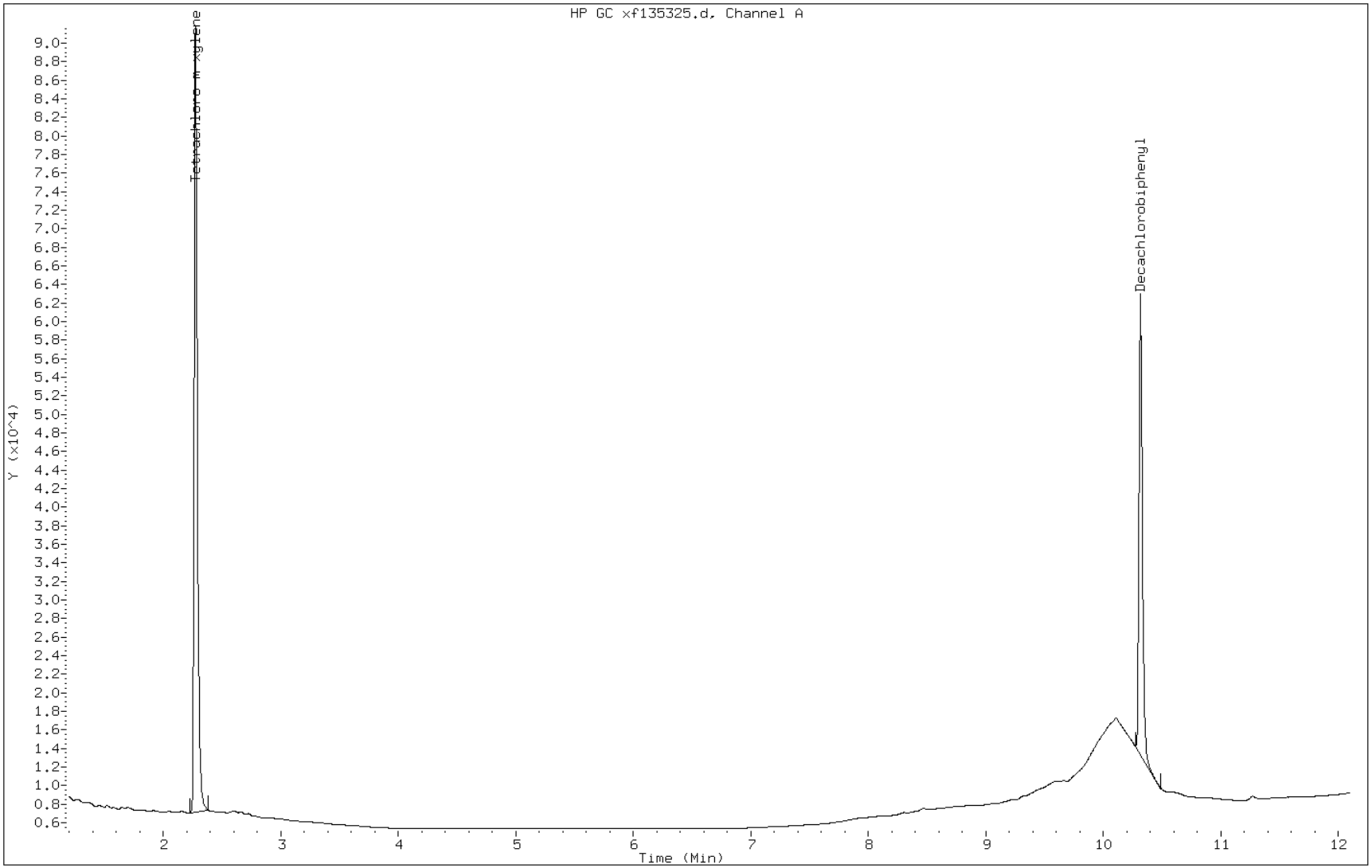
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	156484	52.3458	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	99095	47.0059	37	80.00- 120.00	100.00

Data File: xf135325.d

Date: 22-JUN-2012 09:09

Client ID: SF-5 Instrument: PESTGC1.i

Sample Info: 460-41492-D-5-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: xr135325.d

Analysis Method: 8081A | Date Collected: 06/18/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 09:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	100		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135325.d
Lab Smp Id: 460-41492-D-5-C Client Smp ID: SF-5
Inj Date : 22-JUN-2012 09:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-5-C
Misc Info : 460-41492-D-5-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	14.86486	% Moisture

Cpnd Variable Local Compound Variable

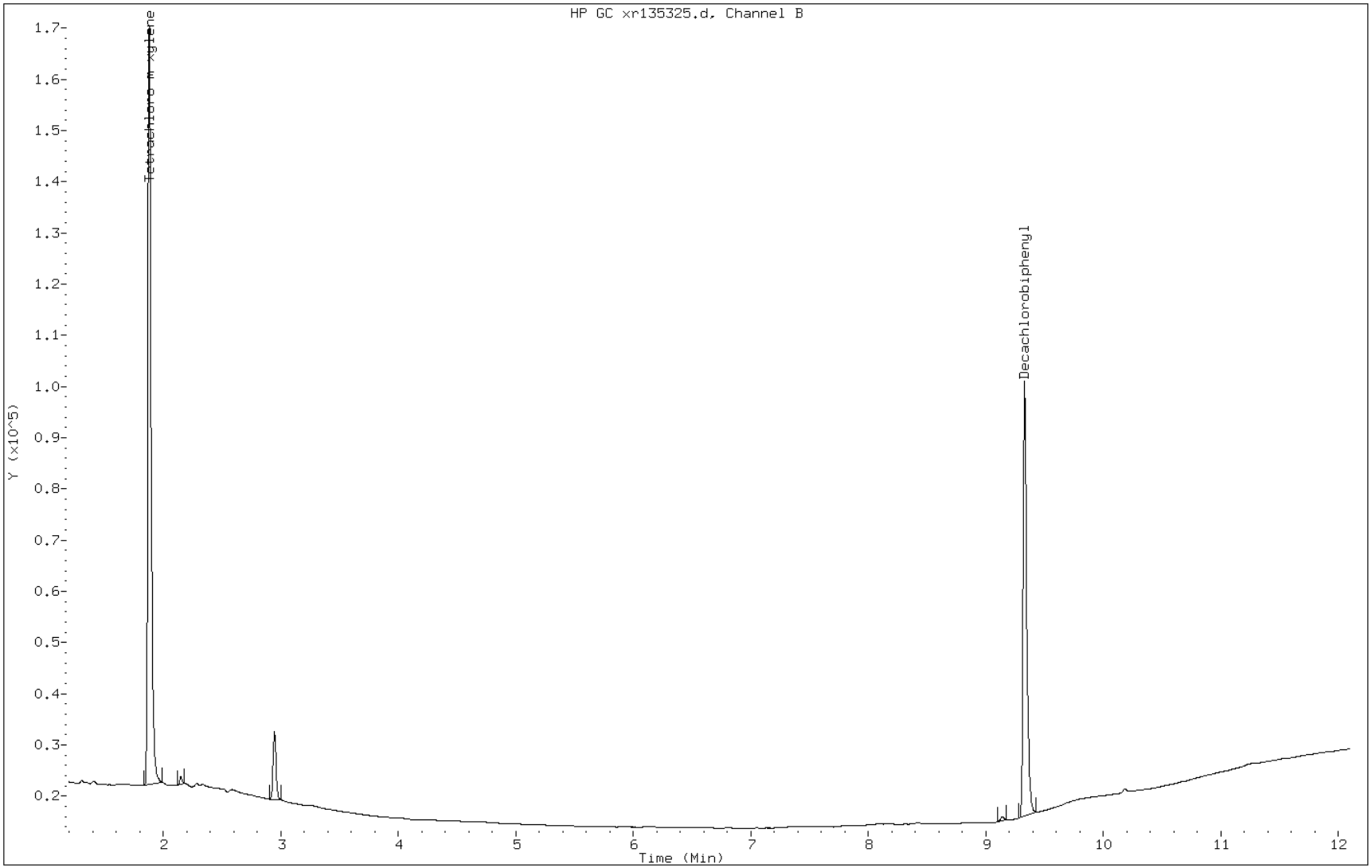
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	275669	50.1376	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	181087	48.8735	38	80.00- 120.00	100.00

Data File: xr135325.d

Date: 22-JUN-2012 09:09

Client ID: SF-5 Instrument: PESTGC1.i

Sample Info: 460-41492-D-5-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 Lab Sample ID: 460-41492-6

Matrix: Solid Lab File ID: xf135326.d

Analysis Method: 8081A Date Collected: 06/18/2012 19:00

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 09:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

Data File: xf135326.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135326.d
Lab Smp Id: 460-41492-D-6-C Client Smp ID: SF-6
Inj Date : 22-JUN-2012 09:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-6-C
Misc Info : 460-41492-D-6-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	19.18295	% Moisture

Cpnd Variable Local Compound Variable

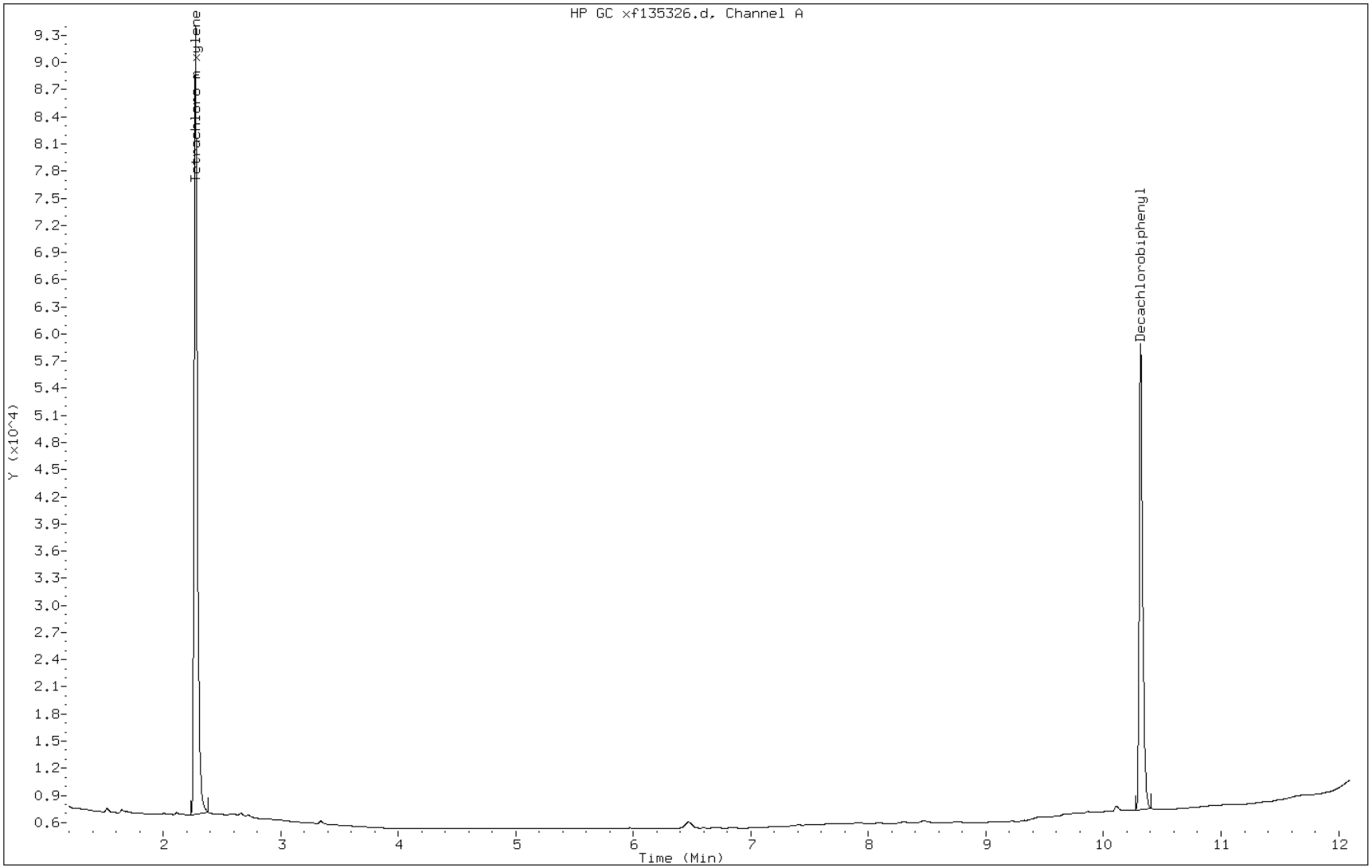
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	161289	53.9530	44	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	103468	49.0801	40	80.00- 120.00	100.00

Data File: xf135326.d

Date: 22-JUN-2012 09:23

Client ID: SF-6 Instrument: PESTGC1.i

Sample Info: 460-41492-D-6-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Matrix: Solid | Lab File ID: xr135326.d

Analysis Method: 8081A | Date Collected: 06/18/2012 19:00

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 09:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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)	0.97	U	8.3	0.97
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	0.93	U	8.3	0.93
8001-35-2	Toxaphene	17	U	83	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	97		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135326.d
Lab Smp Id: 460-41492-D-6-C Client Smp ID: SF-6
Inj Date : 22-JUN-2012 09:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-6-C
Misc Info : 460-41492-D-6-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	19.18295	% Moisture

Cpnd Variable Local Compound Variable

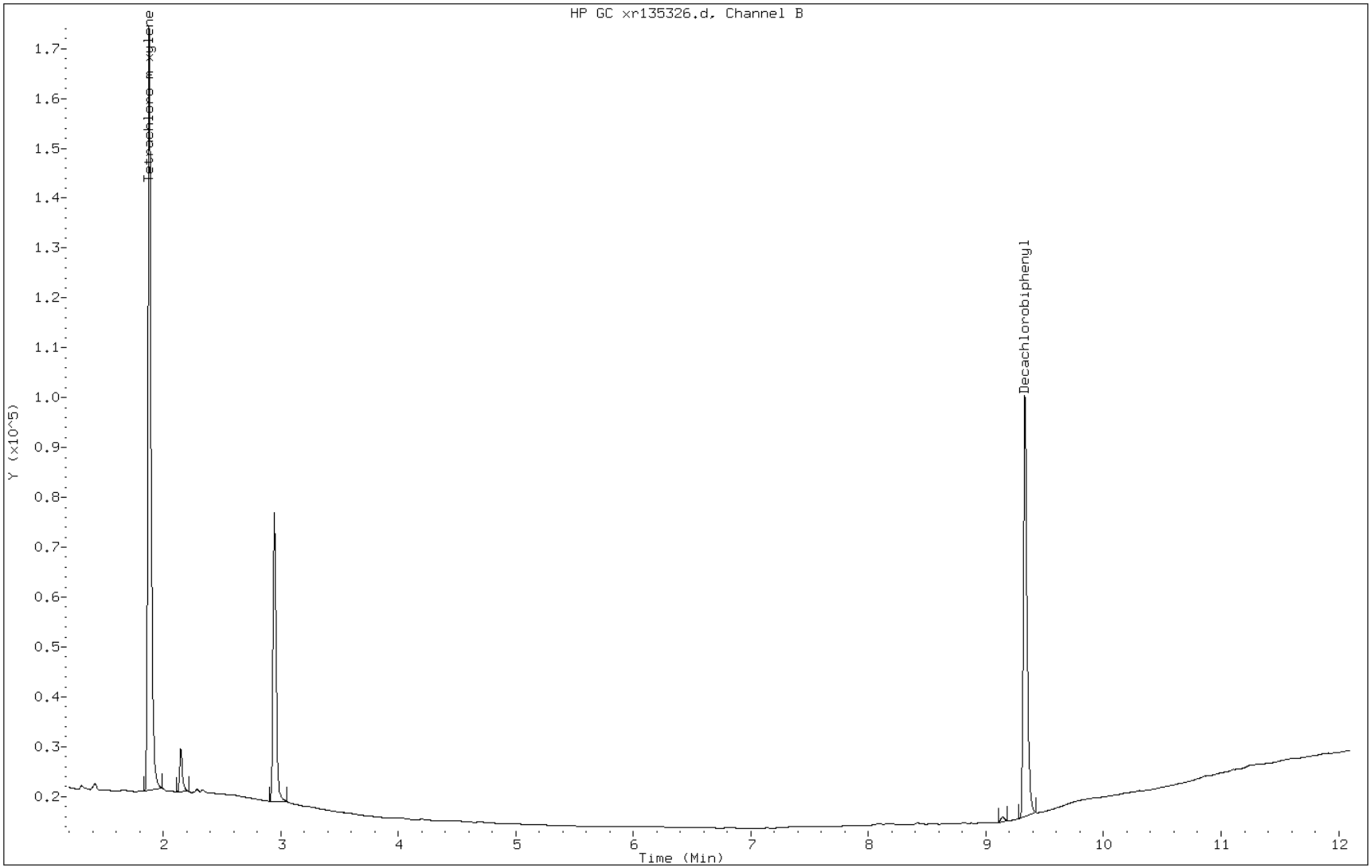
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	284676	51.7756	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	179712	48.5024	40	80.00- 120.00	100.00

Data File: xr135326.d

Date: 22-JUN-2012 09:23

Client ID: SF-6 Instrument: PESTGC1.i

Sample Info: 460-41492-D-6-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 Lab Sample ID: 460-41492-7

Matrix: Solid Lab File ID: xf135327.d

Analysis Method: 8081A Date Collected: 06/19/2012 08:50

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 09:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		40-150
2051-24-3	DCB Decachlorobiphenyl	99		53-150

Data File: xf135327.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135327.d
Lab Smp Id: 460-41492-D-7-C Client Smp ID: SF-7
Inj Date : 22-JUN-2012 09:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-7-C
Misc Info : 460-41492-D-7-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	17.82946	% Moisture

Cpnd Variable Local Compound Variable

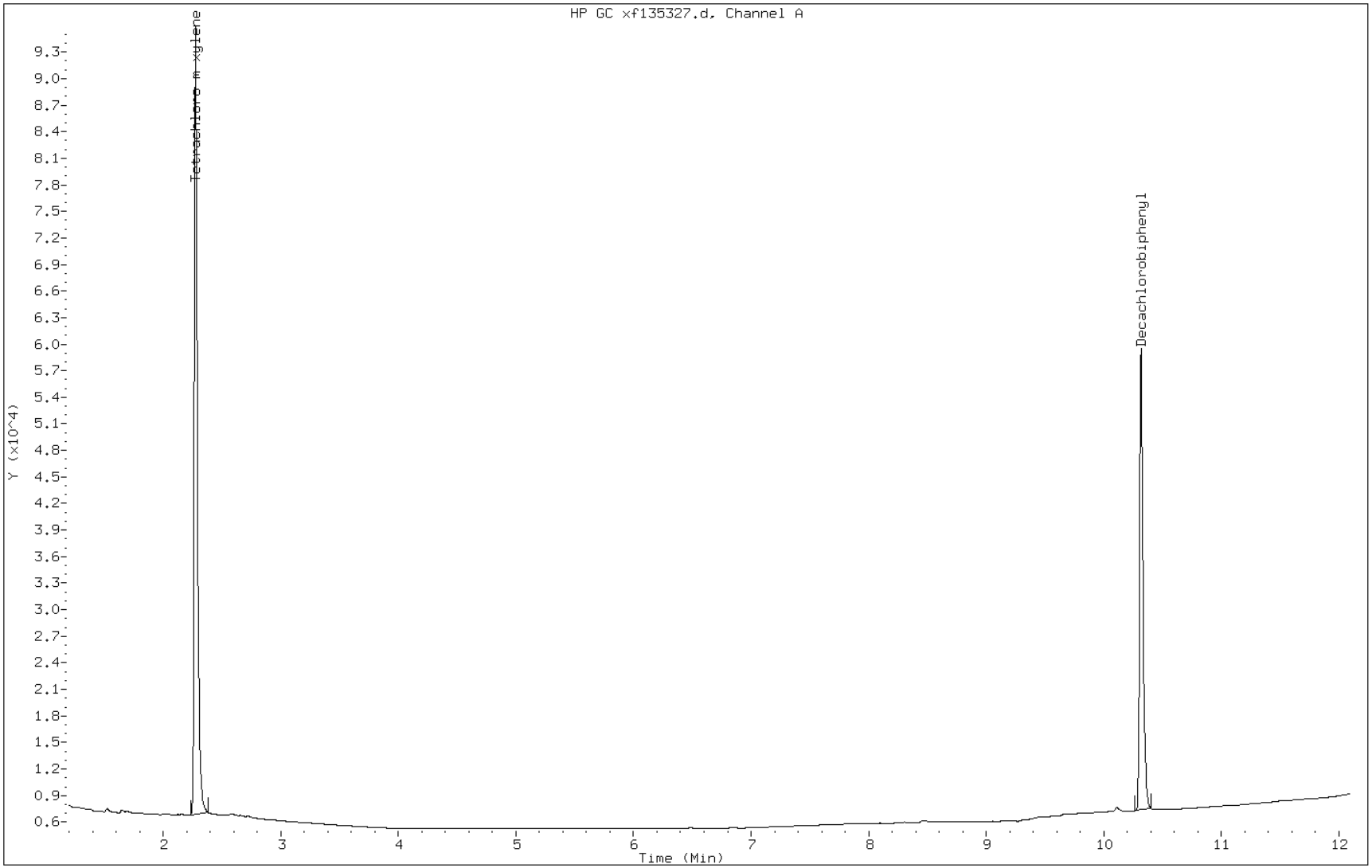
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	164354	54.9783	45	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	104434	49.5384	40	80.00- 120.00	100.00

Data File: xf135327.d

Date: 22-JUN-2012 09:37

Client ID: SF-7 Instrument: PESTGC1.i

Sample Info: 460-41492-D-7-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: xr135327.d

Analysis Method: 8081A | Date Collected: 06/19/2012 08:50

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 09:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.8	U	8.2	1.8
319-84-6	alpha-BHC	1.5	U	8.2	1.5
319-85-7	beta-BHC	1.1	U	8.2	1.1
319-86-8	delta-BHC	1.2	U	8.2	1.2
58-89-9	gamma-BHC (Lindane)	0.95	U	8.2	0.95
57-74-9	Chlordane	18	U	82	18
72-54-8	4,4'-DDD	0.97	U	8.2	0.97
72-55-9	4,4'-DDE	1.6	U	8.2	1.6
50-29-3	4,4'-DDT	1.0	U	8.2	1.0
60-57-1	Dieldrin	1.6	U	8.2	1.6
959-98-8	Endosulfan I	1.7	U	8.2	1.7
33213-65-9	Endosulfan II	1.2	U	8.2	1.2
1031-07-8	Endosulfan sulfate	1.0	U	8.2	1.0
72-20-8	Endrin	1.1	U	8.2	1.1
7421-93-4	Endrin aldehyde	2.0	U	8.2	2.0
53494-70-5	Endrin ketone	1.2	U	8.2	1.2
76-44-8	Heptachlor	1.2	U	8.2	1.2
1024-57-3	Heptachlor epoxide	1.6	U	8.2	1.6
72-43-5	Methoxychlor	0.91	U	8.2	0.91
8001-35-2	Toxaphene	17	U	82	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135327.d
Lab Smp Id: 460-41492-D-7-C Client Smp ID: SF-7
Inj Date : 22-JUN-2012 09:37
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-7-C
Misc Info : 460-41492-D-7-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	17.82946	% Moisture

Cpnd Variable Local Compound Variable

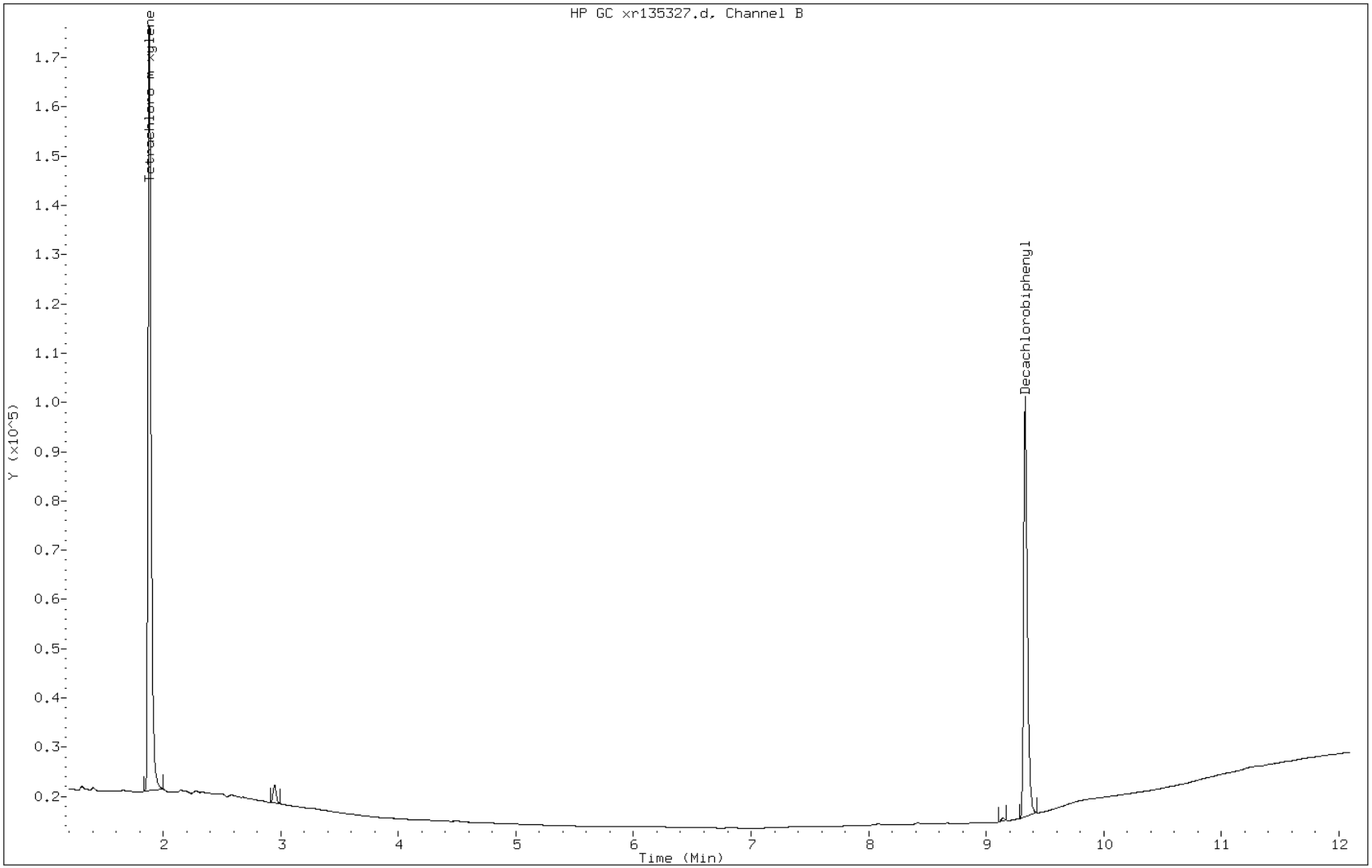
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	290679	52.8674	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	181490	48.9823	40	80.00- 120.00	100.00

Data File: xr135327.d

Date: 22-JUN-2012 09:37

Client ID: SF-7 Instrument: PESTGC1.i

Sample Info: 460-41492-D-7-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 Lab Sample ID: 460-41492-8

Matrix: Solid Lab File ID: xf135328.d

Analysis Method: 8081A Date Collected: 06/19/2012 09:35

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 09:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	105		53-150

Data File: xf135328.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135328.d
Lab Smp Id: 460-41492-D-8-G Client Smp ID: SF-8
Inj Date : 22-JUN-2012 09:51
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-G
Misc Info : 460-41492-D-8-G
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	14.36364	% Moisture

Cpnd Variable Local Compound Variable

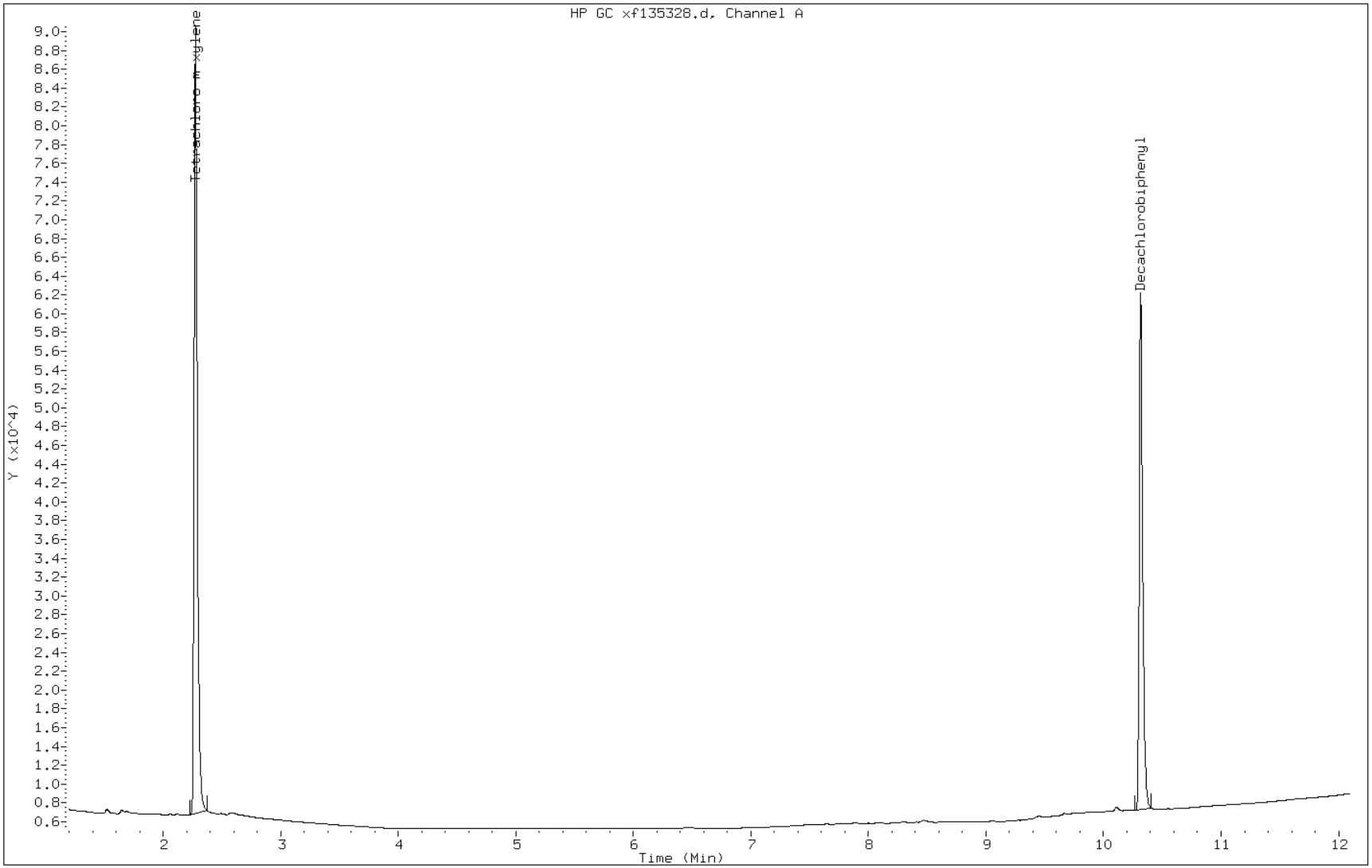
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	155121	51.8897	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	110290	52.3162	41	80.00- 120.00	100.00

Data File: xf135328.d

Date: 22-JUN-2012 09:51

Client ID: SF-8 Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: xr135328.d

Analysis Method: 8081A | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 09:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	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	101		40-150
2051-24-3	DCB Decachlorobiphenyl	103		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135328.d
Lab Smp Id: 460-41492-D-8-G Client Smp ID: SF-8
Inj Date : 22-JUN-2012 09:51
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-G
Misc Info : 460-41492-D-8-G
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	14.36364	% Moisture

Cpnd Variable Local Compound Variable

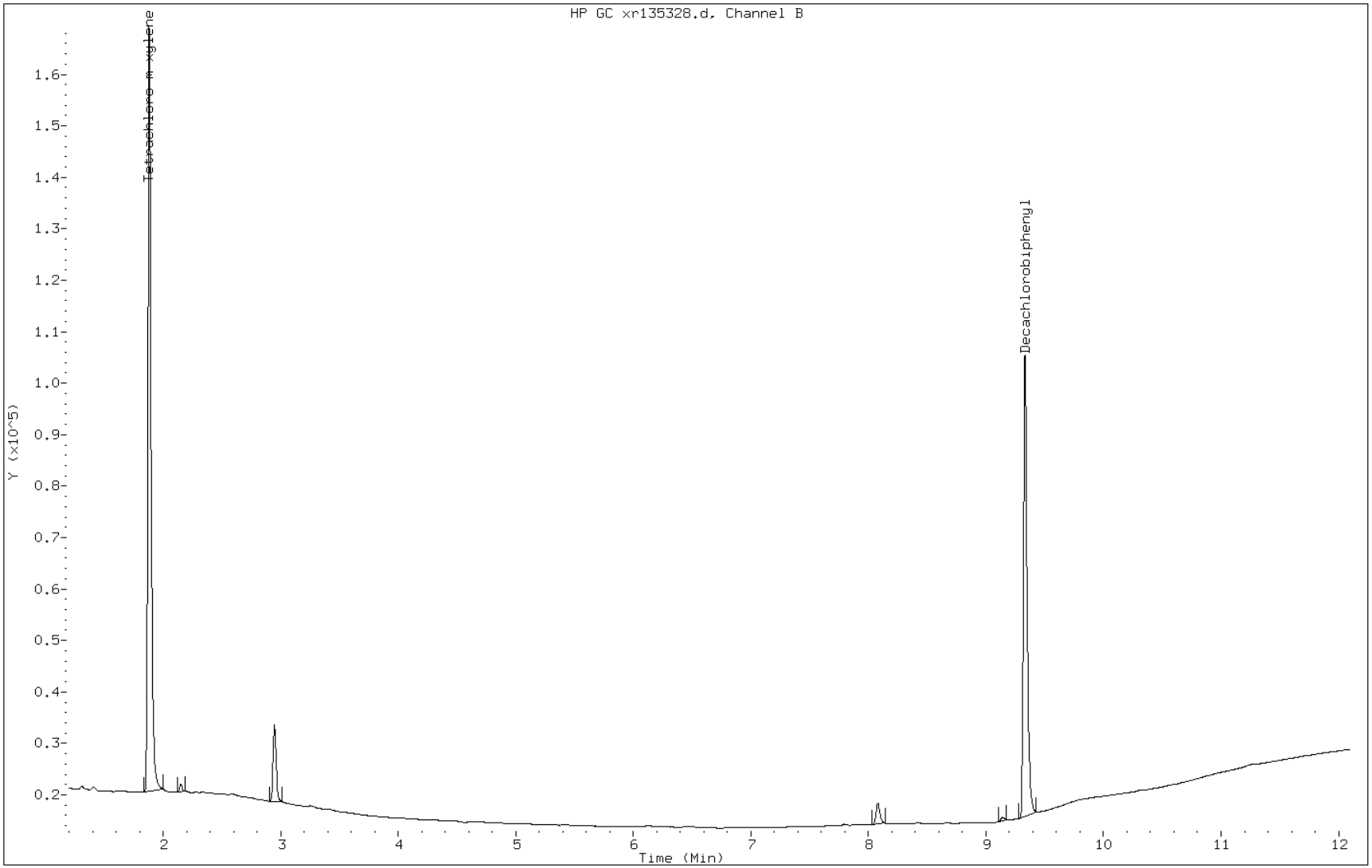
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	276854	50.3529	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.333	9.330	0.003	191502	51.6844	40	80.00- 120.00	100.00

Data File: xr135328.d

Date: 22-JUN-2012 09:51

Client ID: SF-8 Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-G Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 Lab Sample ID: 460-41492-9

Matrix: Solid Lab File ID: xf135329.d

Analysis Method: 8081A Date Collected: 06/19/2012 10:45

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) Date Analyzed: 06/22/2012 10:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 21.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-150
2051-24-3	DCB Decachlorobiphenyl	86		53-150

Data File: xf135329.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135329.d
Lab Smp Id: 460-41492-D-9-C Client Smp ID: SF-9
Inj Date : 22-JUN-2012 10:04
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-9-C
Misc Info : 460-41492-D-9-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	21.05263	% Moisture

Cpnd Variable Local Compound Variable

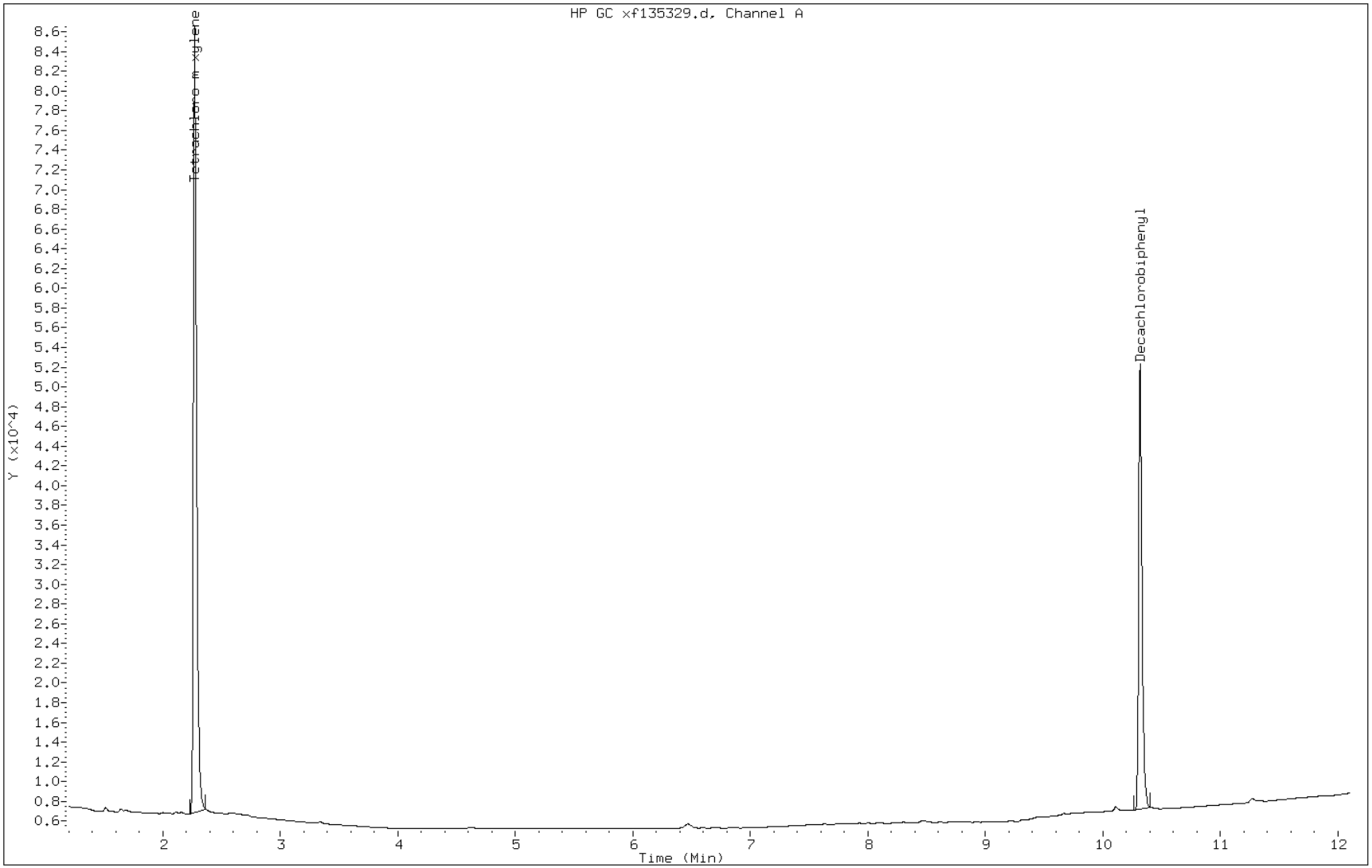
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.270	2.277	-0.007	146747	49.0885	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	91108	43.2172	36	80.00- 120.00	100.00

Data File: xf135329.d

Date: 22-JUN-2012 10:04

Client ID: SF-9 Instrument: PESTGC1.i

Sample Info: 460-41492-D-9-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Matrix: Solid | Lab File ID: xr135329.d

Analysis Method: 8081A | Date Collected: 06/19/2012 10:45

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 10:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 21.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.9	U	8.5	1.9
319-84-6	alpha-BHC	1.6	U	8.5	1.6
319-85-7	beta-BHC	1.1	U	8.5	1.1
319-86-8	delta-BHC	1.3	U	8.5	1.3
58-89-9	gamma-BHC (Lindane)	0.99	U	8.5	0.99
57-74-9	Chlordane	18	U	85	18
72-54-8	4,4'-DDD	1.0	U	8.5	1.0
72-55-9	4,4'-DDE	1.6	U	8.5	1.6
50-29-3	4,4'-DDT	1.1	U	8.5	1.1
60-57-1	Dieldrin	1.6	U	8.5	1.6
959-98-8	Endosulfan I	1.8	U	8.5	1.8
33213-65-9	Endosulfan II	1.3	U	8.5	1.3
1031-07-8	Endosulfan sulfate	1.1	U	8.5	1.1
72-20-8	Endrin	1.2	U	8.5	1.2
7421-93-4	Endrin aldehyde	2.1	U	8.5	2.1
53494-70-5	Endrin ketone	1.3	U	8.5	1.3
76-44-8	Heptachlor	1.2	U	8.5	1.2
1024-57-3	Heptachlor epoxide	1.7	U	8.5	1.7
72-43-5	Methoxychlor	0.95	U	8.5	0.95
8001-35-2	Toxaphene	18	U	85	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	87		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135329.d
Lab Smp Id: 460-41492-D-9-C Client Smp ID: SF-9
Inj Date : 22-JUN-2012 10:04
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-9-C
Misc Info : 460-41492-D-9-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	21.05263	% Moisture

Cpnd Variable Local Compound Variable

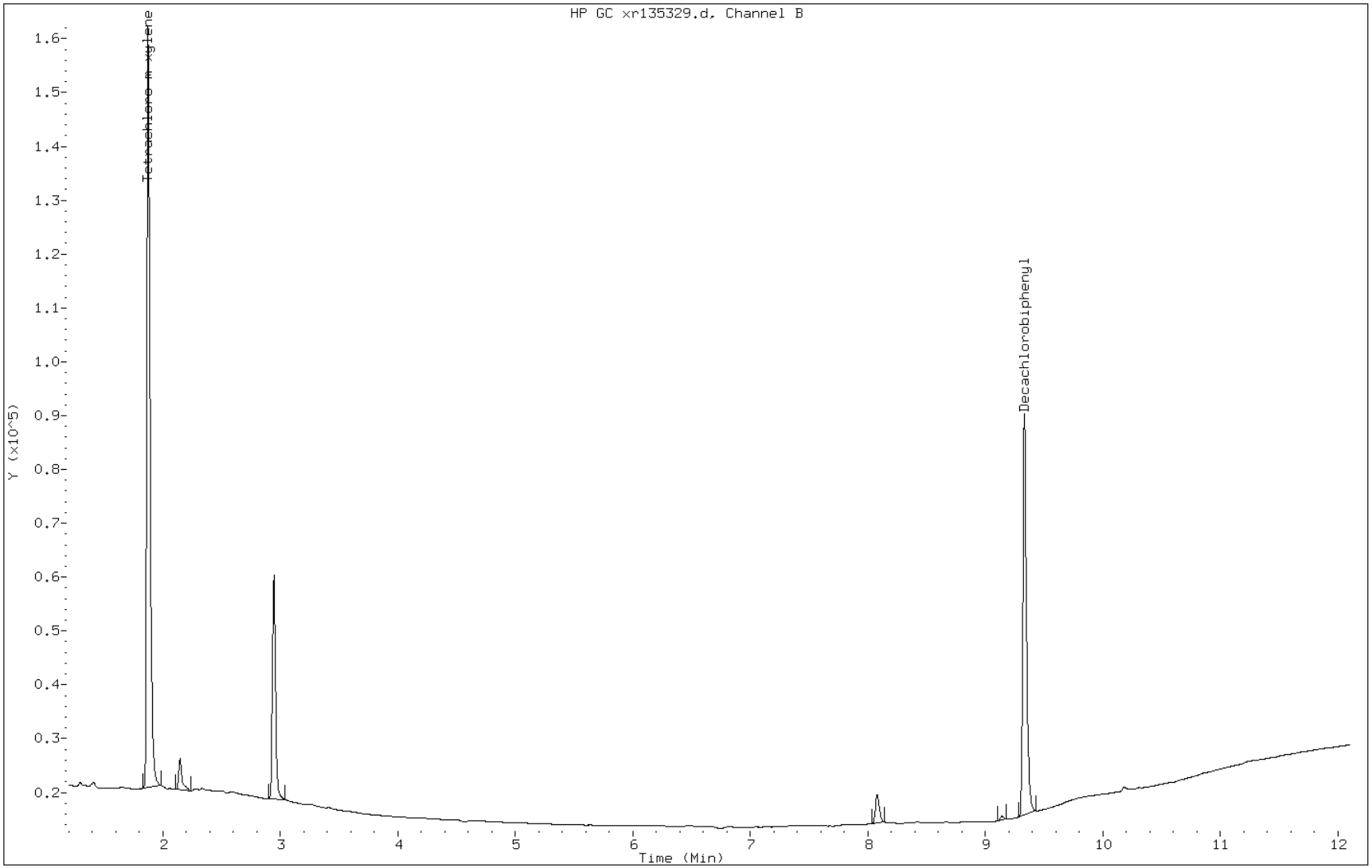
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.873	1.883	-0.010	262404	47.7248	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	160388	43.2871	36	80.00- 120.00	100.00

Data File: xr135329.d

Date: 22-JUN-2012 10:04

Client ID: SF-9 Instrument: PESTGC1.i

Sample Info: 460-41492-D-9-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 Lab Sample ID: 460-41492-10

Matrix: Solid Lab File ID: xf135330.d

Analysis Method: 8081A Date Collected: 06/19/2012 11:58

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 10:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		40-150
2051-24-3	DCB Decachlorobiphenyl	96		53-150

Data File: xf135330.d
Report Date: 25-Jun-2012 08:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135330.d
Lab Smp Id: 460-41492-D-10-C Client Smp ID: SF-10
Inj Date : 22-JUN-2012 10:18
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-10-C
Misc Info : 460-41492-D-10-C
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	15.69343	% Moisture

Cpnd Variable Local Compound Variable

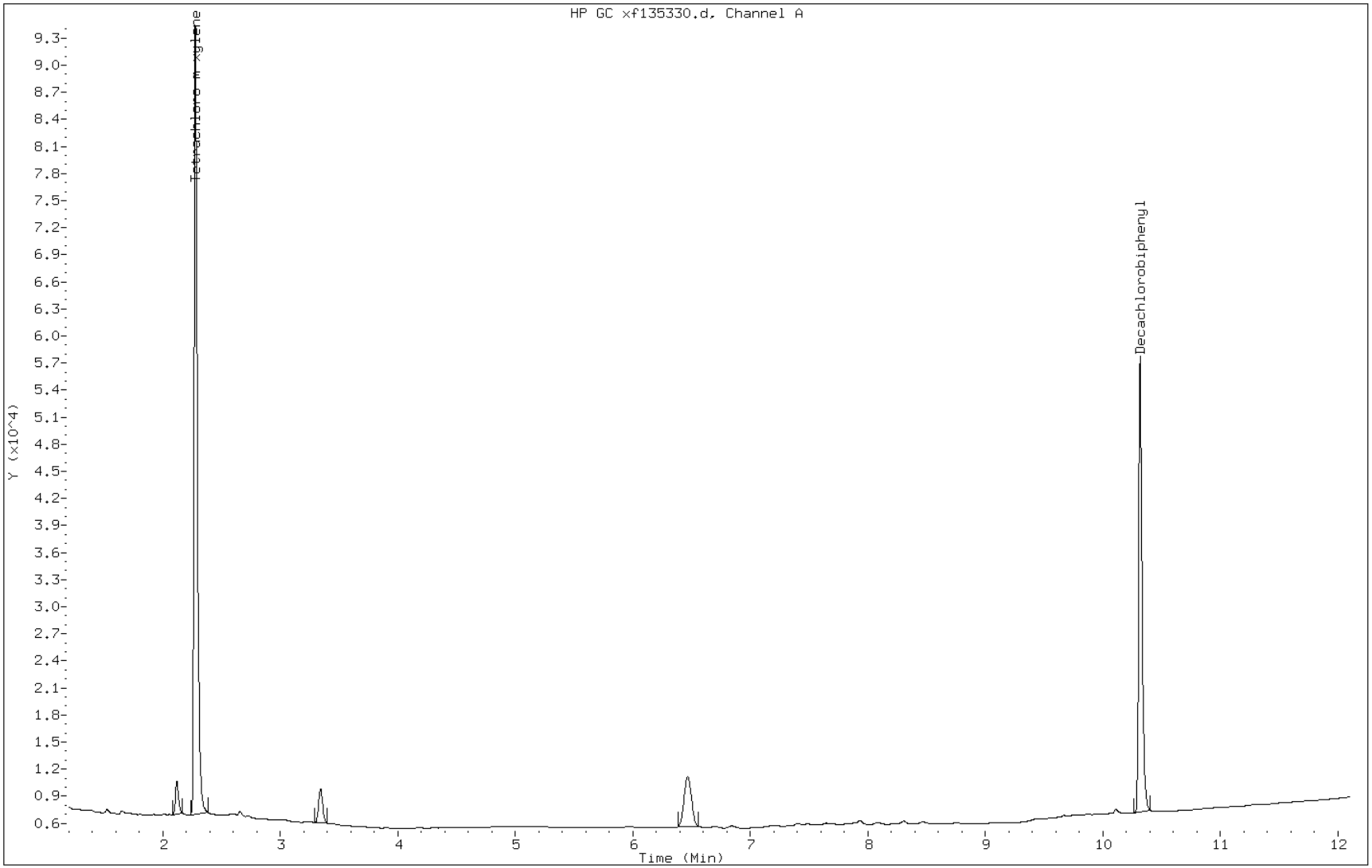
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	162743	54.4394	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	101556	48.1732	38	80.00- 120.00	100.00

Data File: xf135330.d

Date: 22-JUN-2012 10:18

Client ID: SF-10 Instrument: PESTGC1.i

Sample Info: 460-41492-D-10-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Matrix: Solid | Lab File ID: xr135330.d

Analysis Method: 8081A | Date Collected: 06/19/2012 11:58

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) | Date Analyzed: 06/22/2012 10:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	105		40-150
2051-24-3	DCB Decachlorobiphenyl	96		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135330.d
Lab Smp Id: 460-41492-D-10-C Client Smp ID: SF-10
Inj Date : 22-JUN-2012 10:18
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-10-C
Misc Info : 460-41492-D-10-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	15.69343	% Moisture

Cpnd Variable Local Compound Variable

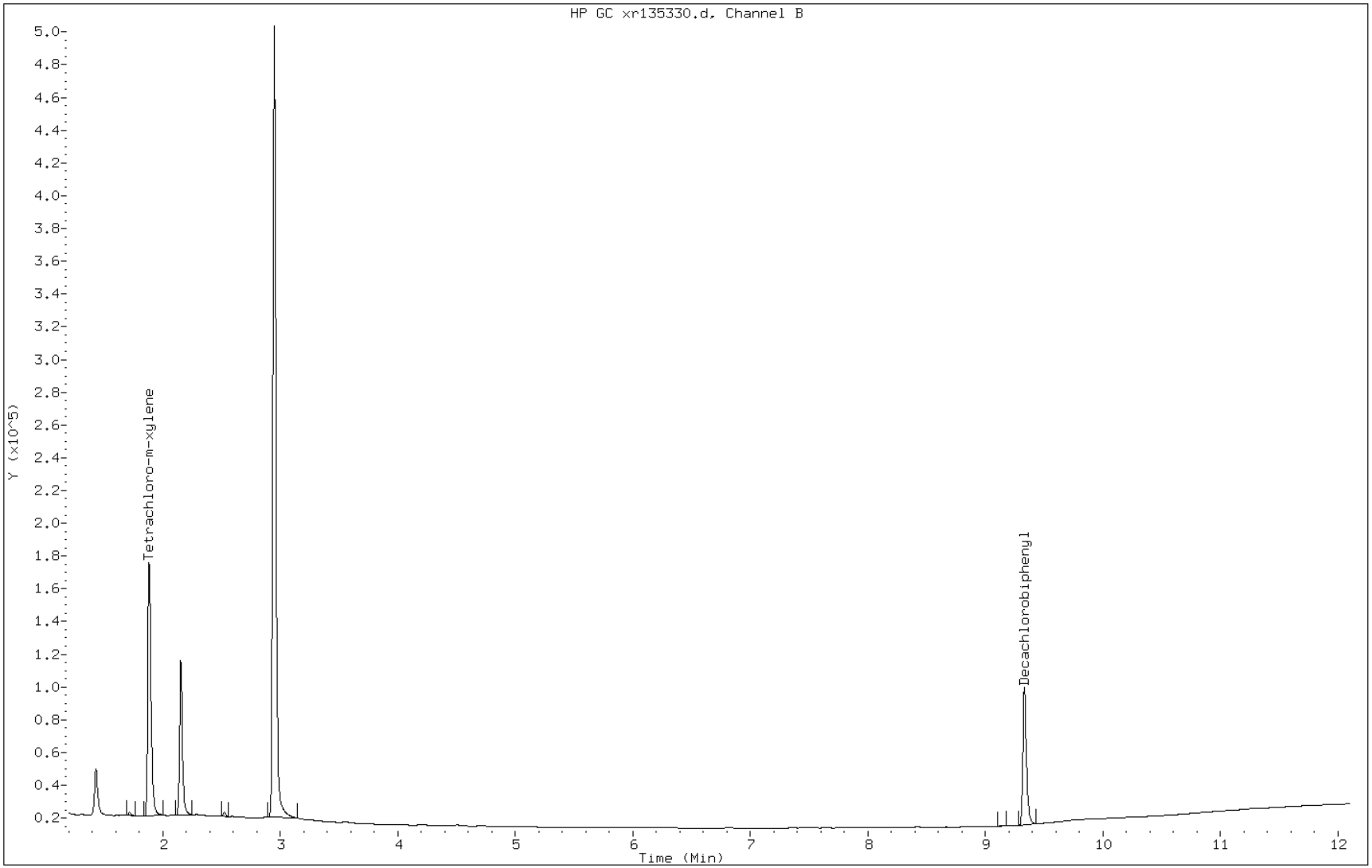
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	288666	52.5012	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	177790	47.9837	38	80.00- 120.00	100.00

Data File: xr135330.d

Date: 22-JUN-2012 10:18

Client ID: SF-10 Instrument: PESTGC1.i

Sample Info: 460-41492-D-10-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 Lab Sample ID: 460-41492-11

Matrix: Solid Lab File ID: xf135331.d

Analysis Method: 8081A Date Collected: 06/19/2012 12:45

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) Date Analyzed: 06/22/2012 10:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

Data File: xf135331.d
Report Date: 25-Jun-2012 08:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135331.d
Lab Smp Id: 460-41492-D-11-B Client Smp ID: SF-11
Inj Date : 22-JUN-2012 10:32
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-11-B
Misc Info : 460-41492-D-11-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	8.76289	% Moisture

Cpnd Variable Local Compound Variable

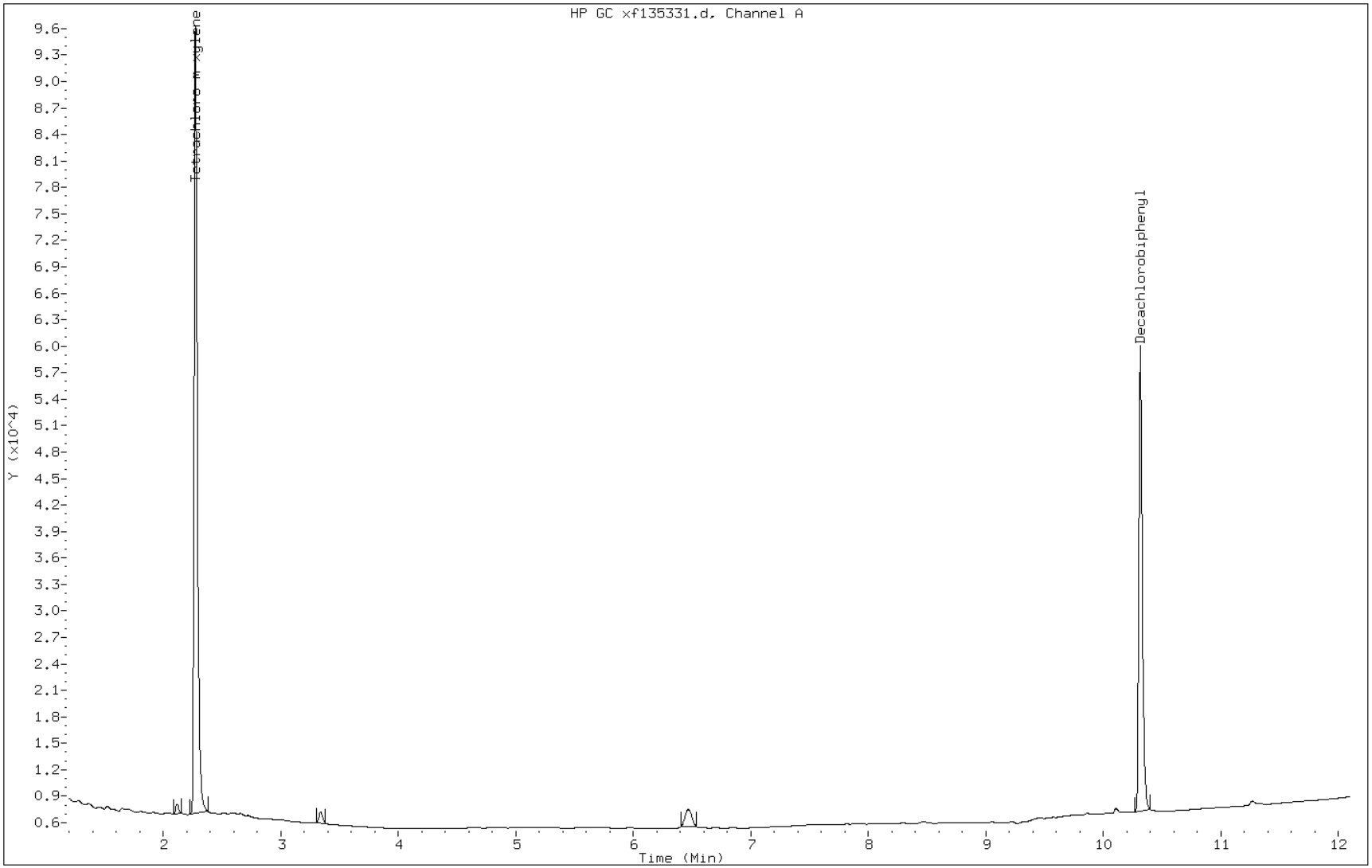
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	164800	55.1277	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	105956	50.2604	37	80.00- 120.00	100.00

Data File: xf135331.d

Date: 22-JUN-2012 10:32

Client ID: SF-11 Instrument: PESTGC1.i

Sample Info: 460-41492-D-11-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 | Lab Sample ID: 460-41492-11

Matrix: Solid | Lab File ID: xr135331.d

Analysis Method: 8081A | Date Collected: 06/19/2012 12:45

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 10:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.3	1.6
319-84-6	alpha-BHC	1.4	U	7.3	1.4
319-85-7	beta-BHC	0.99	U	7.3	0.99
319-86-8	delta-BHC	1.1	U	7.3	1.1
58-89-9	gamma-BHC (Lindane)	0.85	U	7.3	0.85
57-74-9	Chlordane	16	U	73	16
72-54-8	4,4'-DDD	0.87	U	7.3	0.87
72-55-9	4,4'-DDE	1.4	U	7.3	1.4
50-29-3	4,4'-DDT	0.92	U	7.3	0.92
60-57-1	Dieldrin	1.4	U	7.3	1.4
959-98-8	Endosulfan I	1.5	U	7.3	1.5
33213-65-9	Endosulfan II	1.1	U	7.3	1.1
1031-07-8	Endosulfan sulfate	0.94	U	7.3	0.94
72-20-8	Endrin	1.0	U	7.3	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.3	1.8
53494-70-5	Endrin ketone	1.1	U	7.3	1.1
76-44-8	Heptachlor	1.0	U	7.3	1.0
1024-57-3	Heptachlor epoxide	1.5	U	7.3	1.5
72-43-5	Methoxychlor	0.82	U	7.3	0.82
8001-35-2	Toxaphene	15	U	73	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		40-150
2051-24-3	DCB Decachlorobiphenyl	100		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135331.d
Lab Smp Id: 460-41492-D-11-B Client Smp ID: SF-11
Inj Date : 22-JUN-2012 10:32
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-11-B
Misc Info : 460-41492-D-11-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	8.76289	% Moisture

Cpnd Variable Local Compound Variable

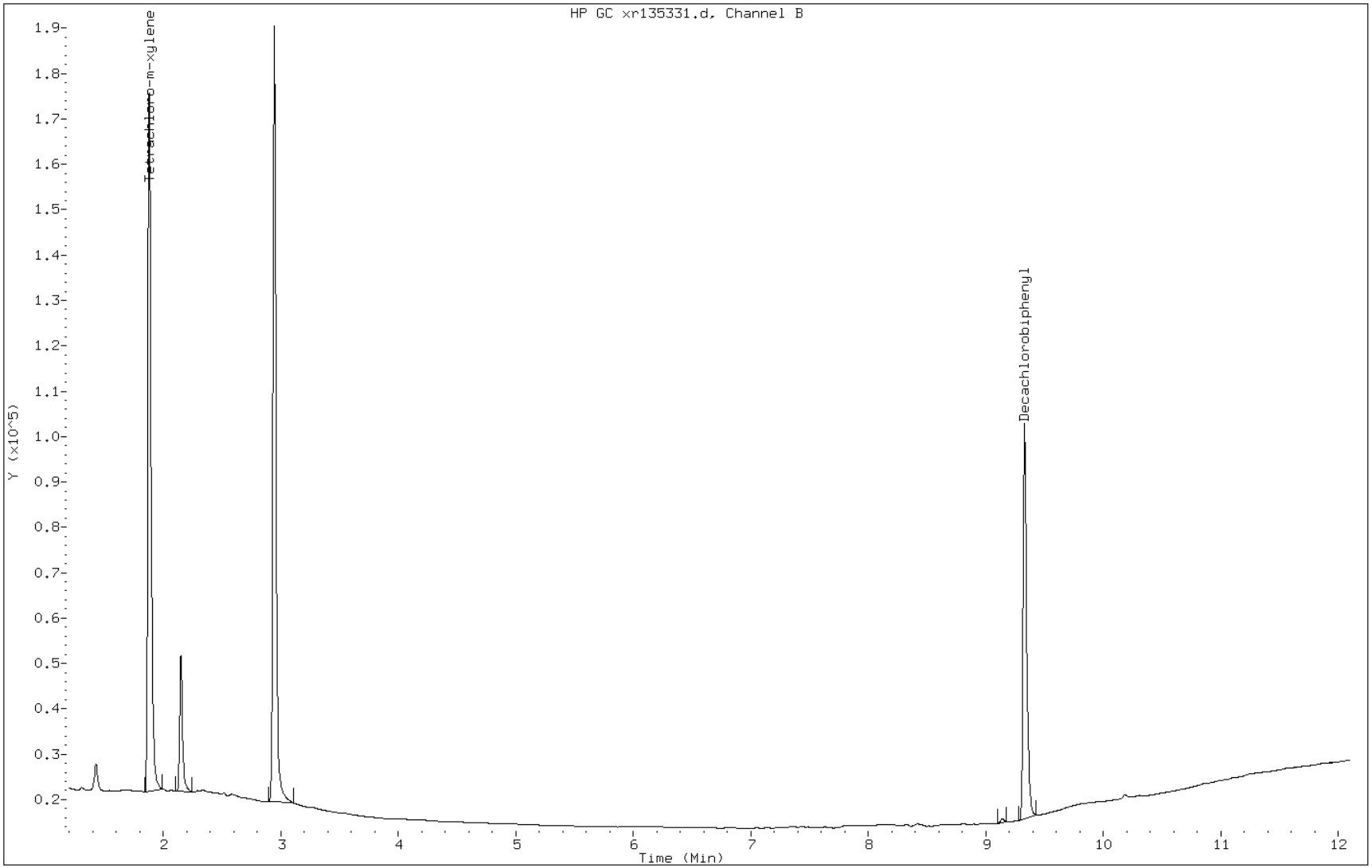
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	287796	52.3430	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	184693	49.8468	36	80.00- 120.00	100.00

Data File: xr135331.d

Date: 22-JUN-2012 10:32

Client ID: SF-11 Instrument: PESTGC1.i

Sample Info: 460-41492-D-11-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 Lab Sample ID: 460-41492-12

Matrix: Solid Lab File ID: xf135332.d

Analysis Method: 8081A Date Collected: 06/19/2012 13:40

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 10:46

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

Data File: xf135332.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135332.d
Lab Smp Id: 460-41492-D-12-B Client Smp ID: SF-12
Inj Date : 22-JUN-2012 10:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-12-B
Misc Info : 460-41492-D-12-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	13.93298	% Moisture

Cpnd Variable Local Compound Variable

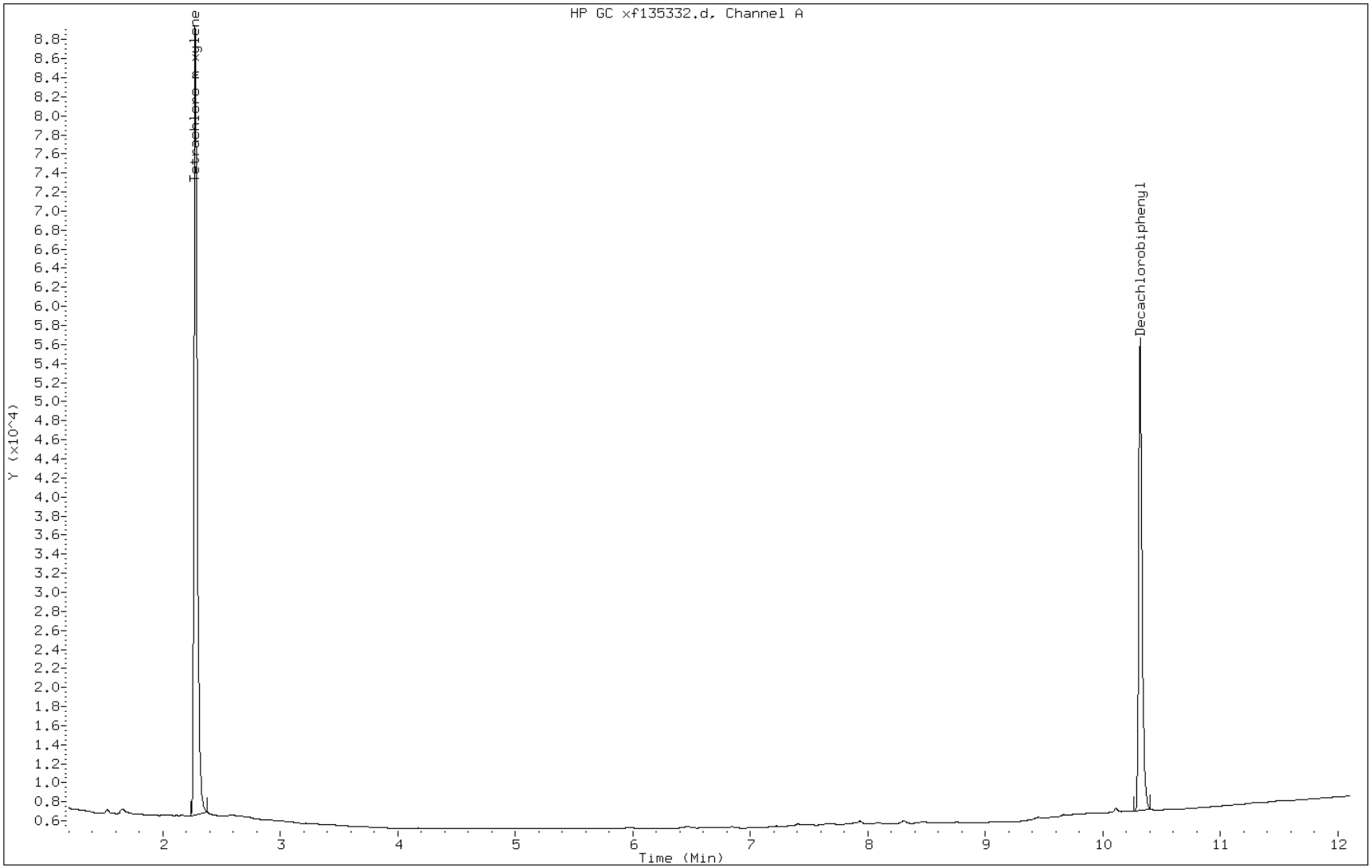
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	154380	51.6418	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	100266	47.5613	37	80.00- 120.00	100.00

Data File: xf135332.d

Date: 22-JUN-2012 10:46

Client ID: SF-12 Instrument: PESTGC1.i

Sample Info: 460-41492-D-12-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 | Lab Sample ID: 460-41492-12

Matrix: Solid | Lab File ID: xr135332.d

Analysis Method: 8081A | Date Collected: 06/19/2012 13:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 10:46

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.: 117312 | 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	100		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135332.d
Lab Smp Id: 460-41492-D-12-B Client Smp ID: SF-12
Inj Date : 22-JUN-2012 10:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-12-B
Misc Info : 460-41492-D-12-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	13.93298	% Moisture

Cpnd Variable Local Compound Variable

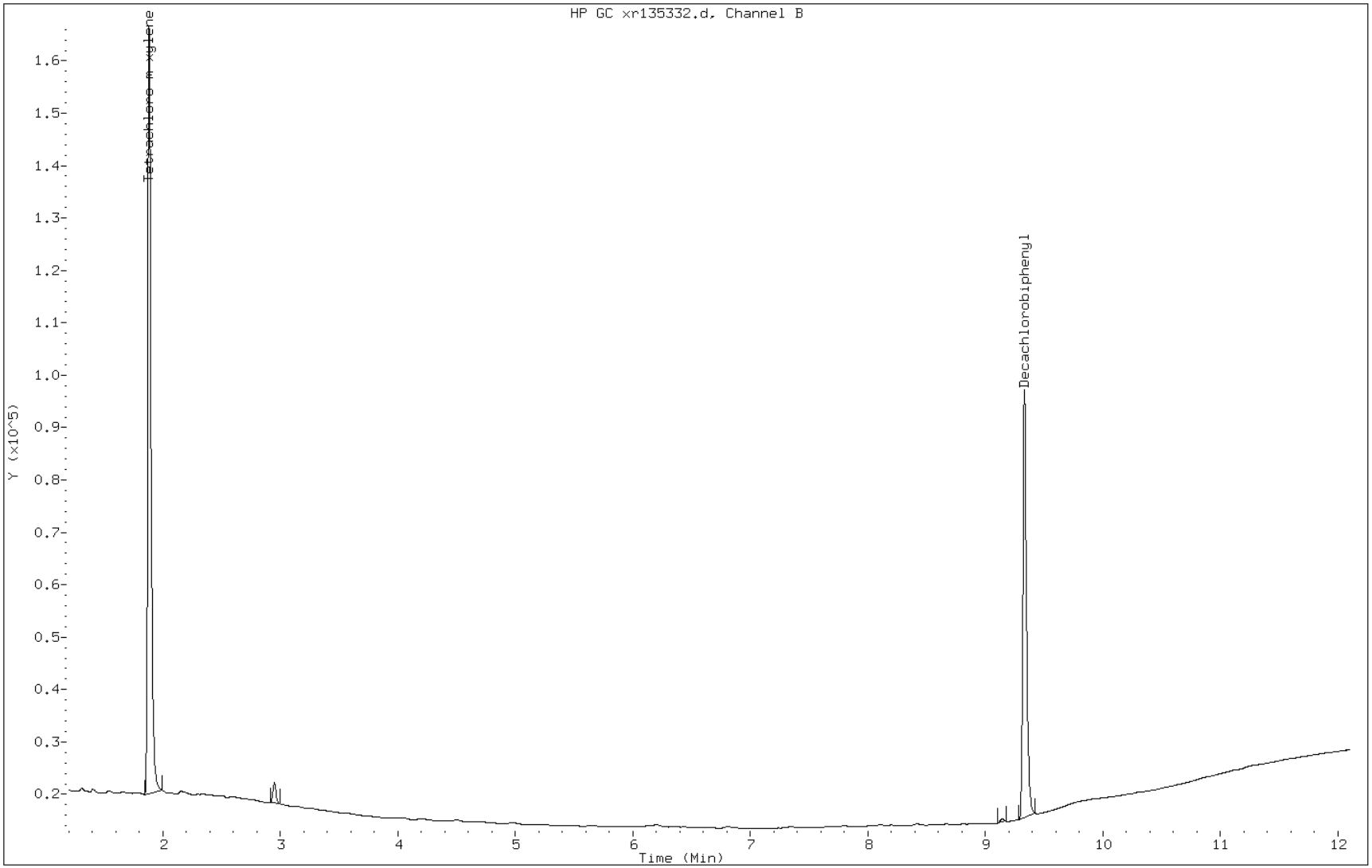
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	273544	49.7509	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	175097	47.2569	36	80.00- 120.00	100.00

Data File: xr135332.d

Date: 22-JUN-2012 10:46

Client ID: SF-12 Instrument: PESTGC1.i

Sample Info: 460-41492-D-12-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 Lab Sample ID: 460-41492-13

Matrix: Solid Lab File ID: xf135333.d

Analysis Method: 8081A Date Collected: 06/19/2012 14:40

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 11:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

Data File: xf135333.d
Report Date: 25-Jun-2012 08:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135333.d
Lab Smp Id: 460-41492-D-13-B Client Smp ID: SF-13
Inj Date : 22-JUN-2012 11:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-13-B
Misc Info : 460-41492-D-13-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	9.68343	% Moisture

Cpnd Variable Local Compound Variable

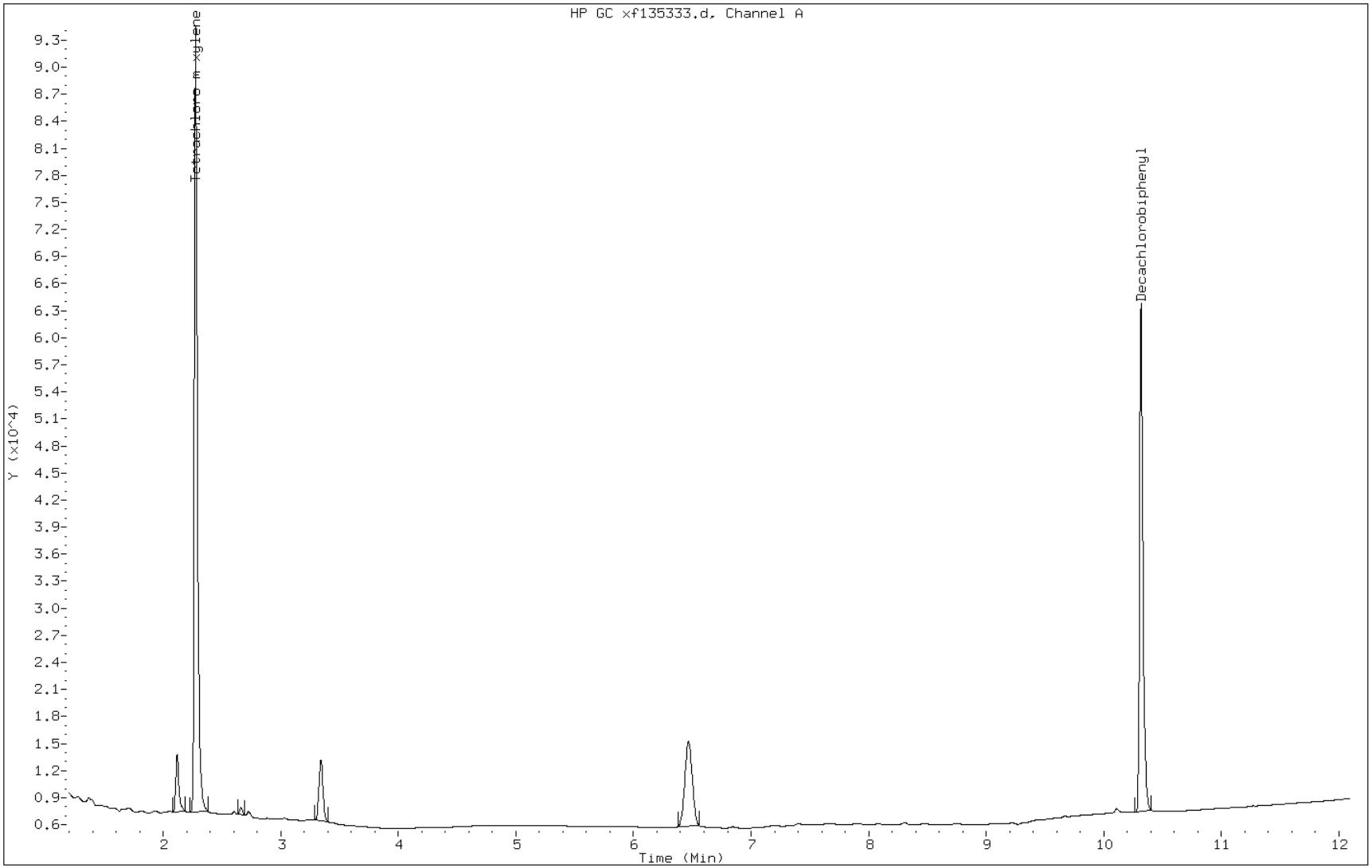
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	161720	54.0971	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	112793	53.5039	39	80.00- 120.00	100.00

Data File: xf135333.d

Date: 22-JUN-2012 11:00

Client ID: SF-13 Instrument: PESTGC1.i

Sample Info: 460-41492-D-13-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: xr135333.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.05(g) | Date Analyzed: 06/22/2012 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	0.93	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	0.95	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	104		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135333.d
Lab Smp Id: 460-41492-D-13-B Client Smp ID: SF-13
Inj Date : 22-JUN-2012 11:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-13-B
Misc Info : 460-41492-D-13-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	9.68343	% Moisture

Cpnd Variable Local Compound Variable

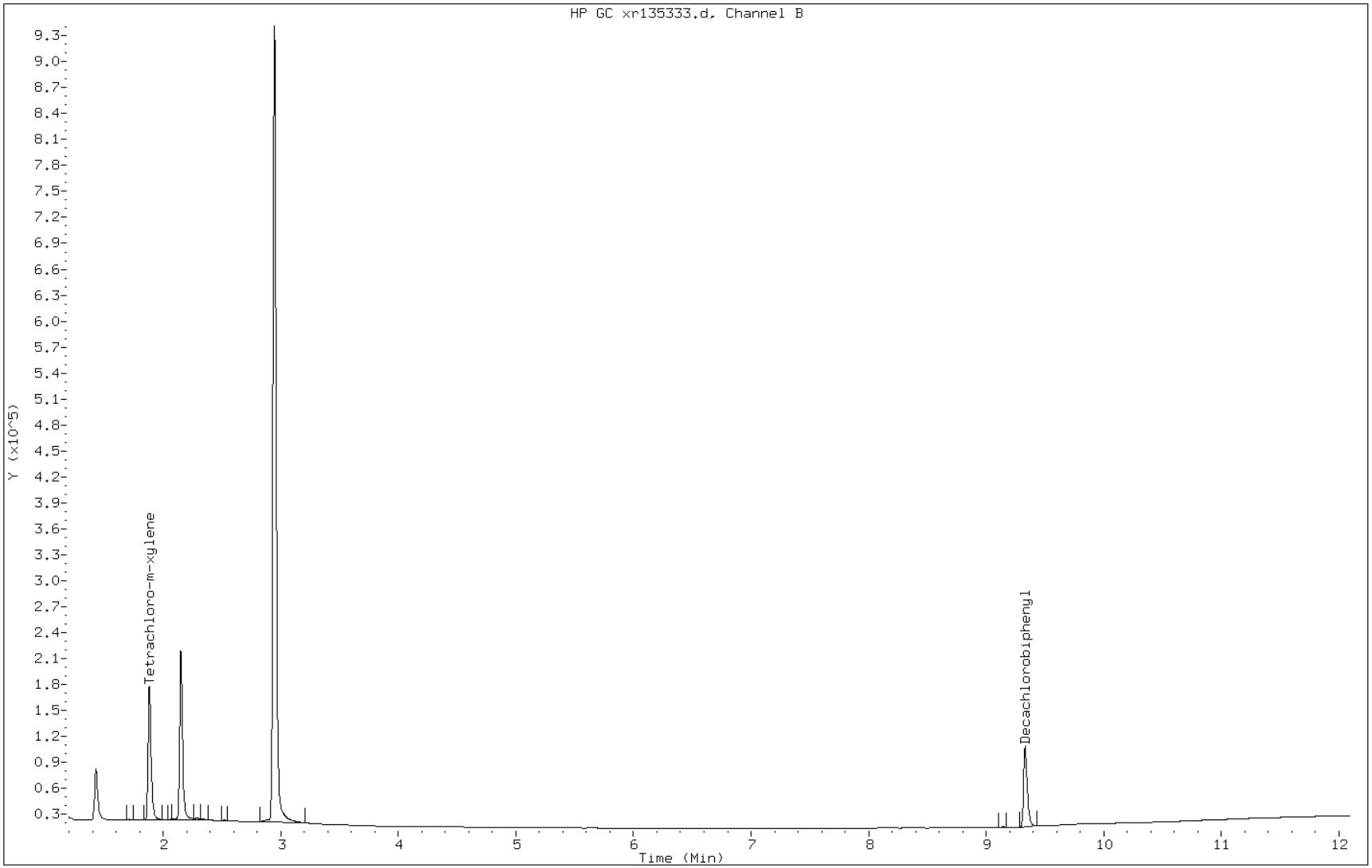
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	287055	52.2084	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	197394	53.2747	39	80.00- 120.00	100.00

Data File: xr135333.d

Date: 22-JUN-2012 11:00

Client ID: SF-13 Instrument: PESTGC1.i

Sample Info: 460-41492-D-13-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 Lab Sample ID: 460-41492-14

Matrix: Solid Lab File ID: xf135334.d

Analysis Method: 8081A Date Collected: 06/19/2012 15:37

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 11:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		40-150
2051-24-3	DCB Decachlorobiphenyl	92		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135334.d
Lab Smp Id: 460-41492-D-14-B Client Smp ID: SF-14
Inj Date : 22-JUN-2012 11:13
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-14-B
Misc Info : 460-41492-D-14-B
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	11.77570	% Moisture

Cpnd Variable Local Compound Variable

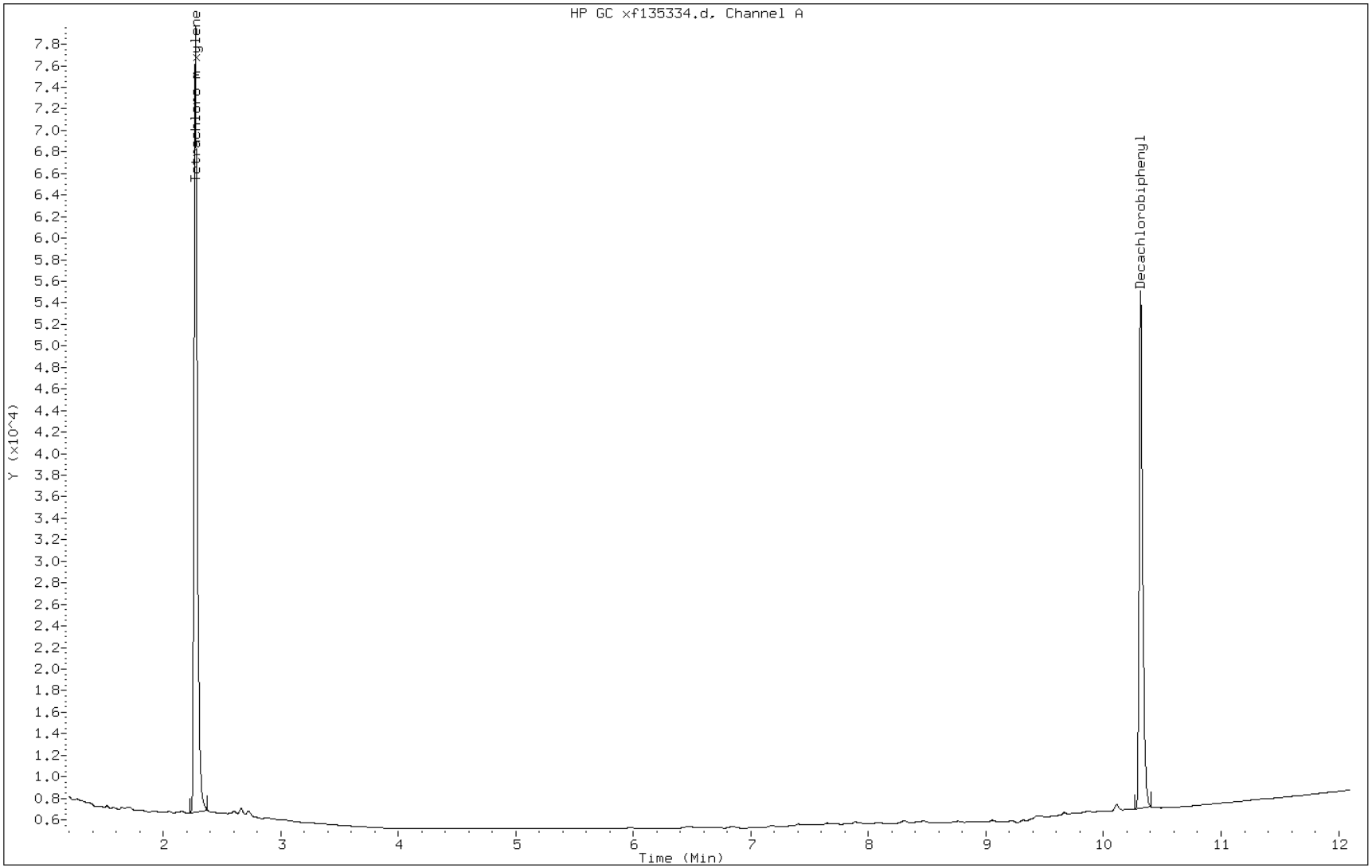
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	135771	45.4169	34	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	97158	46.0870	35	80.00- 120.00	100.00

Data File: xf135334.d

Date: 22-JUN-2012 11:13

Client ID: SF-14 Instrument: PESTGC1.i

Sample Info: 460-41492-D-14-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 | Lab Sample ID: 460-41492-14

Matrix: Solid | Lab File ID: xr135334.d

Analysis Method: 8081A | Date Collected: 06/19/2012 15:37

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) | Date Analyzed: 06/22/2012 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	89		40-150
2051-24-3	DCB Decachlorobiphenyl	92		53-150

Data File: xr135334.d
Report Date: 25-Jun-2012 08:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135334.d
Lab Smp Id: 460-41492-D-14-B Client Smp ID: SF-14
Inj Date : 22-JUN-2012 11:13
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-14-B
Misc Info : 460-41492-D-14-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	11.77570	% Moisture

Cpnd Variable Local Compound Variable

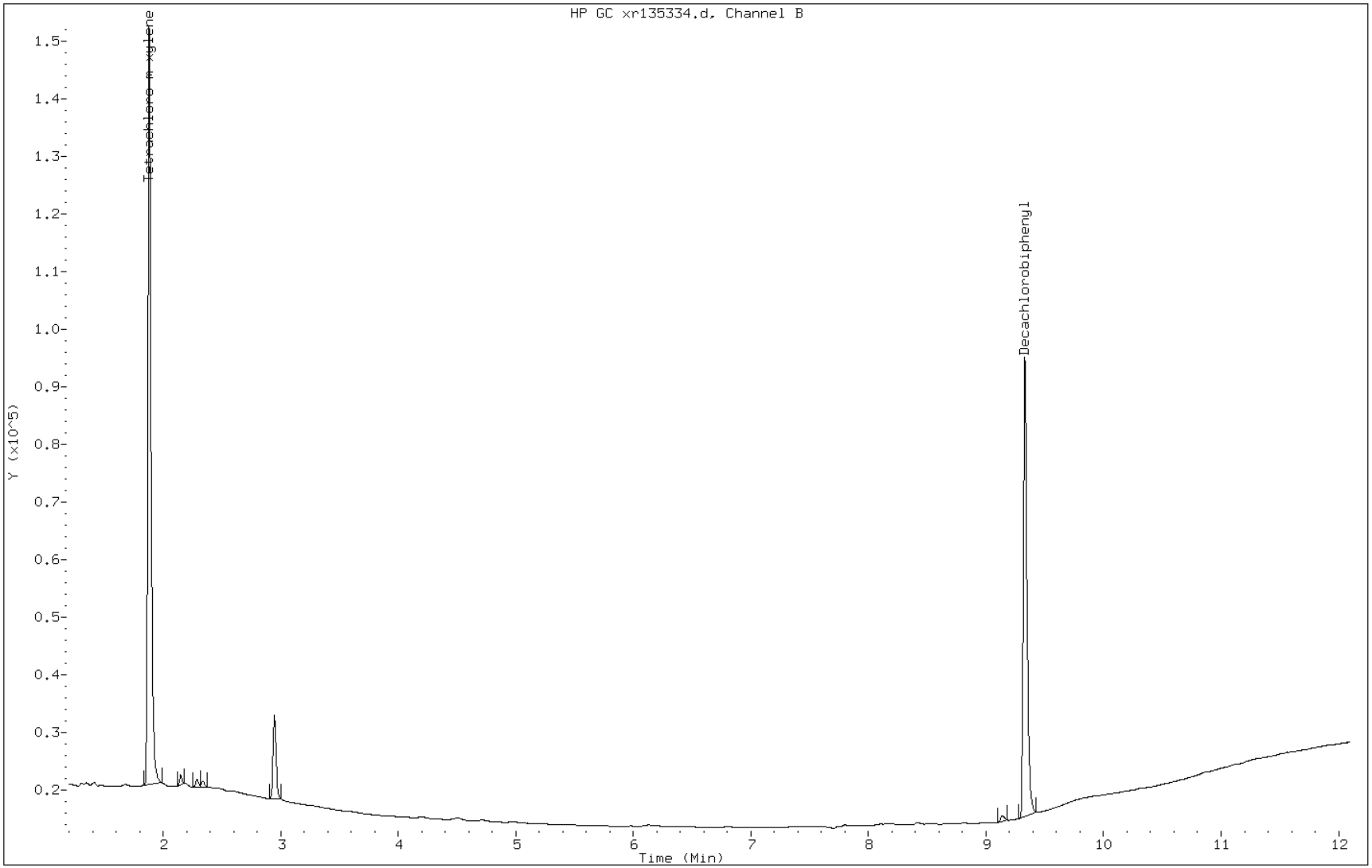
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	243894	44.3584	33	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	170570	46.0351	35	80.00- 120.00	100.00

Data File: xr135334.d

Date: 22-JUN-2012 11:13

Client ID: SF-14 Instrument: PESTGC1.i

Sample Info: 460-41492-D-14-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C Lab Sample ID: 460-41492-15

Matrix: Solid Lab File ID: xf135335.d

Analysis Method: 8081A Date Collected: 06/18/2012 00:00

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 11:27

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

Data File: xf135335.d
Report Date: 25-Jun-2012 08:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135335.d
Lab Smp Id: 460-41492-D-15-B Client Smp ID: FD-C
Inj Date : 22-JUN-2012 11:27
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-15-B
Misc Info : 460-41492-D-15-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	11.54562	% Moisture

Cpnd Variable Local Compound Variable

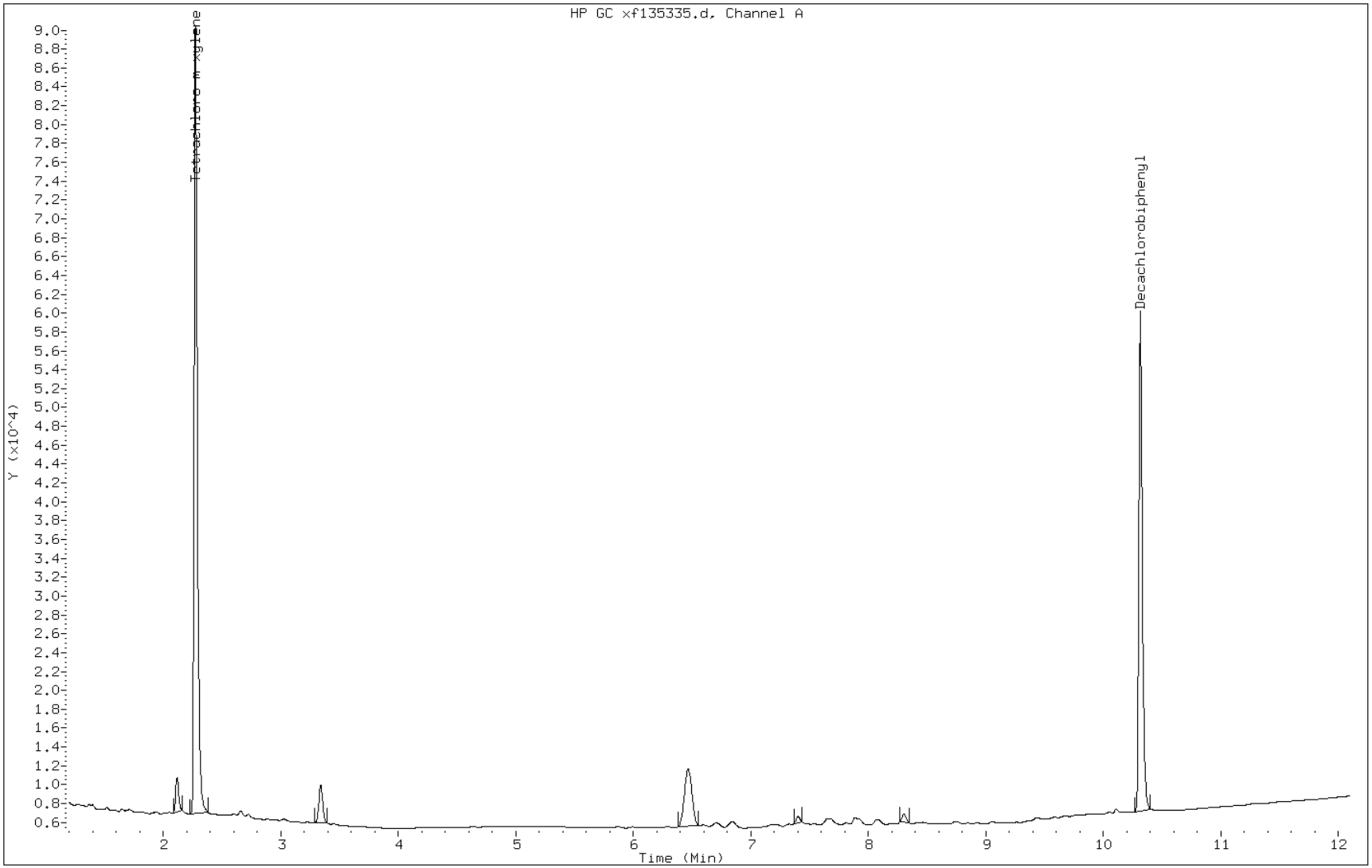
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	154860	51.8024	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	106752	50.6383	38	80.00- 120.00	100.00

Data File: xf135335.d

Date: 22-JUN-2012 11:27

Client ID: FD-C Instrument: PESTGC1.i

Sample Info: 460-41492-D-15-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: xr135335.d

Analysis Method: 8081A | Date Collected: 06/18/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 11:27

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.: 117312 | 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	101		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135335.d
Lab Smp Id: 460-41492-D-15-B Client Smp ID: FD-C
Inj Date : 22-JUN-2012 11:27
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-15-B
Misc Info : 460-41492-D-15-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	11.54562	% 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	1.883	-0.003	276729	50.3303	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	186938	50.4527	38	80.00- 120.00	100.00

Data File: xr135335.d

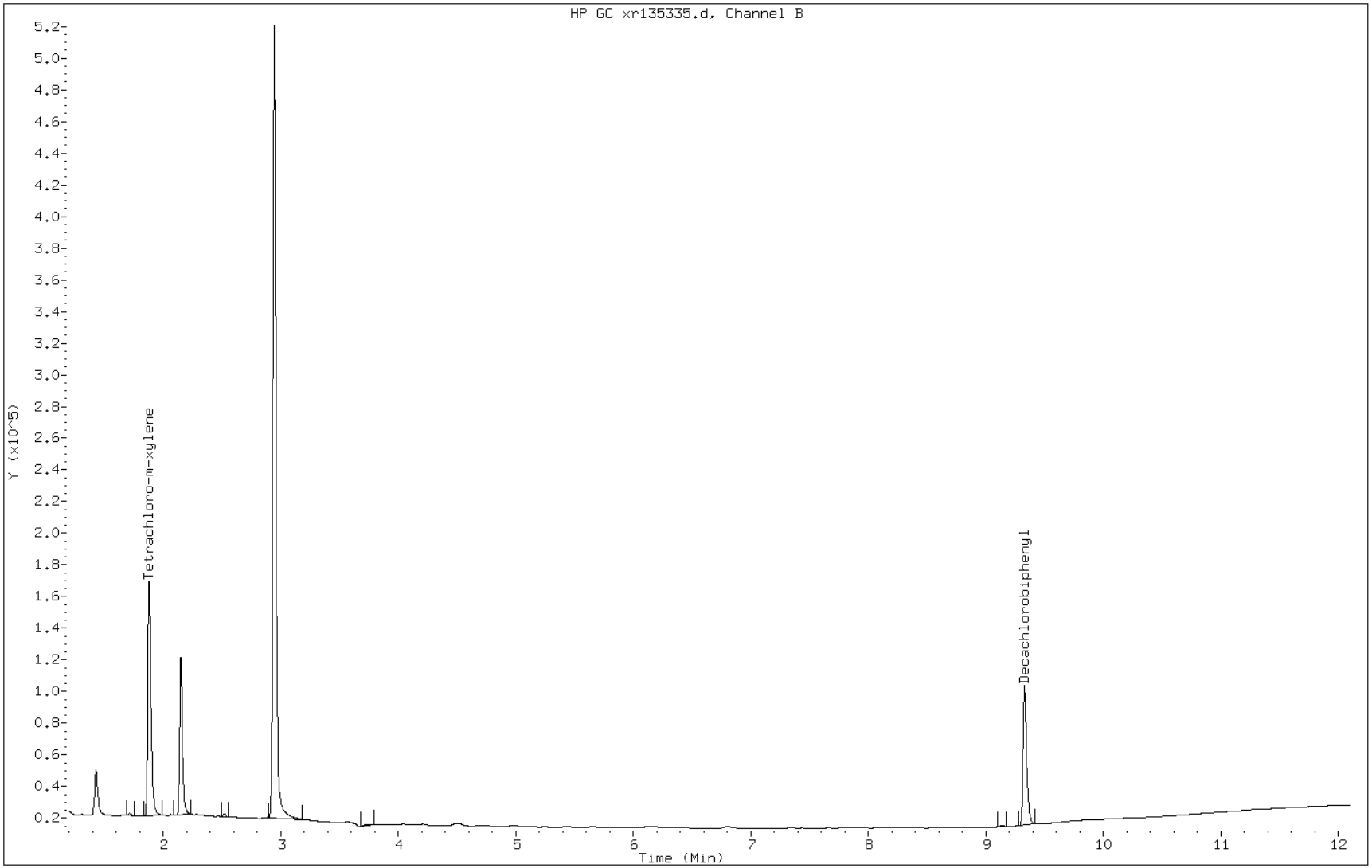
Date: 22-JUN-2012 11:27

Client ID: FD-C

Instrument: PESTGC1.i

Sample Info: 460-41492-D-15-B

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 Lab Sample ID: 460-41492-16

Matrix: Solid Lab File ID: xf135336.d

Analysis Method: 8081A Date Collected: 06/18/2012 11:25

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 11:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	102		53-150

Data File: xf135336.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135336.d
Lab Smp Id: 460-41492-D-16-B Client Smp ID: F-1
Inj Date : 22-JUN-2012 11:41
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-16-B
Misc Info : 460-41492-D-16-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	6.69078	% Moisture

Cpnd Variable Local Compound Variable

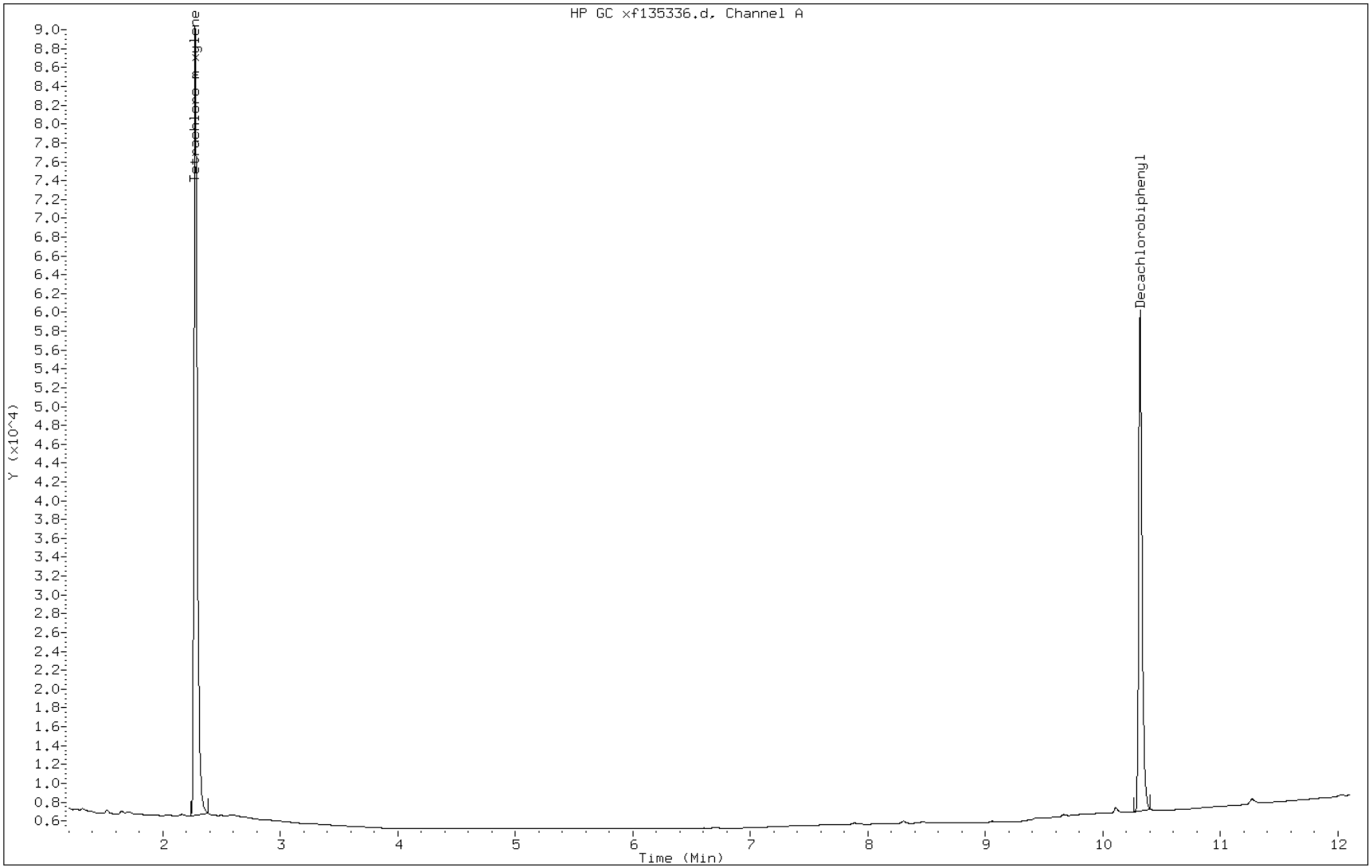
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	155879	52.1433	37	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	107074	50.7907	36	80.00- 120.00	100.00

Data File: xf135336.d

Date: 22-JUN-2012 11:41

Client ID: F-1 Instrument: PESTGC1.i

Sample Info: 460-41492-D-16-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Matrix: Solid | Lab File ID: xr135336.d

Analysis Method: 8081A | Date Collected: 06/18/2012 11:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 11:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | 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	0.92	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	101		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135336.d
Lab Smp Id: 460-41492-D-16-B Client Smp ID: F-1
Inj Date : 22-JUN-2012 11:41
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-16-B
Misc Info : 460-41492-D-16-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	6.69078	% Moisture

Cpnd Variable Local Compound Variable

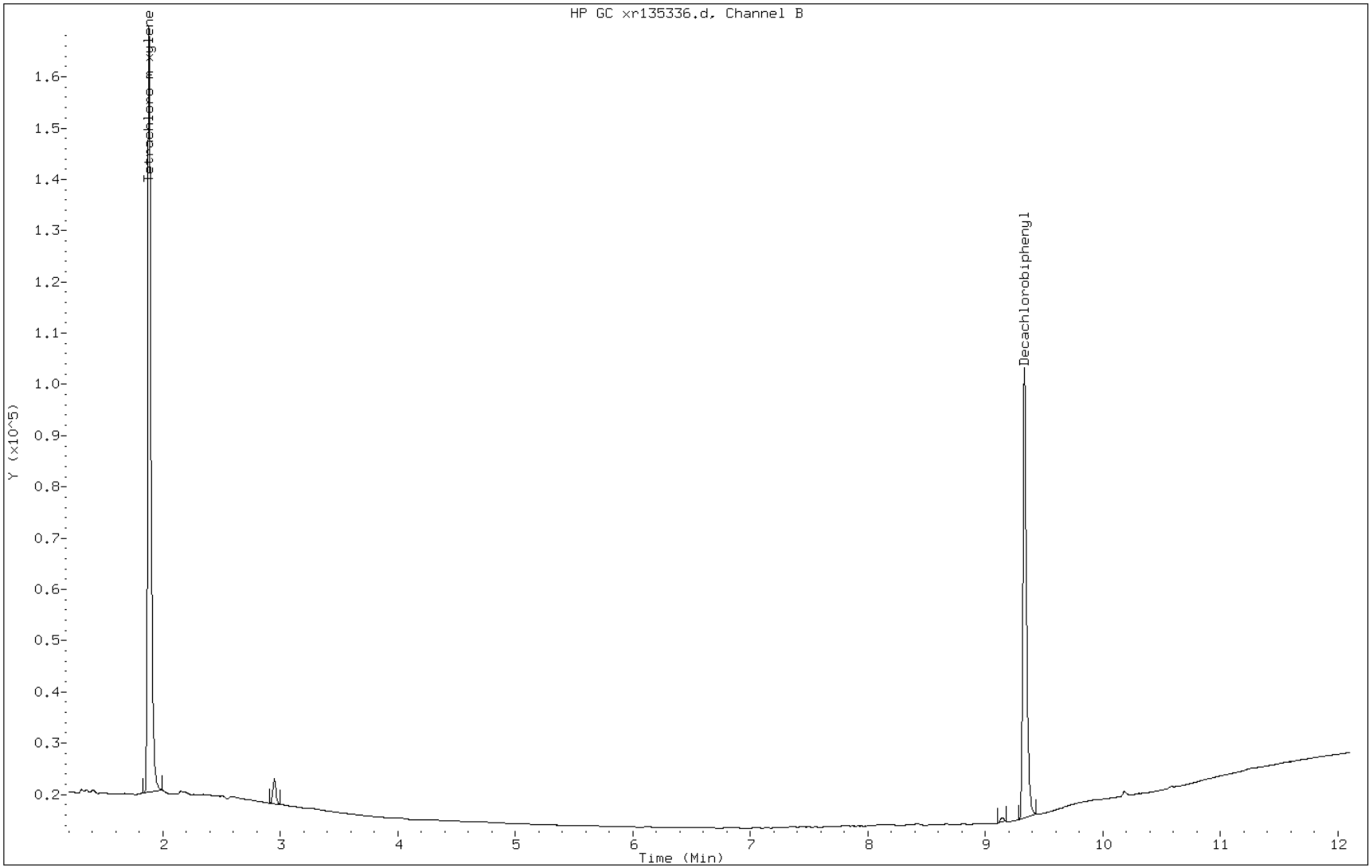
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	278297	50.6154	36	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	187507	50.6062	36	80.00- 120.00	100.00

Data File: xr135336.d

Date: 22-JUN-2012 11:41

Client ID: F-1 Instrument: PESTGC1.i

Sample Info: 460-41492-D-16-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 Lab Sample ID: 460-41492-17

Matrix: Solid Lab File ID: xf135337.d

Analysis Method: 8081A Date Collected: 06/18/2012 11:38

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.02(g) Date Analyzed: 06/22/2012 11:55

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	111		40-150
2051-24-3	DCB Decachlorobiphenyl	108		53-150

Data File: xf135337.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135337.d
Lab Smp Id: 460-41492-D-17-B Client Smp ID: F-2
Inj Date : 22-JUN-2012 11:55
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-17-B
Misc Info : 460-41492-D-17-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	11.68582	% Moisture

Cpnd Variable Local Compound Variable

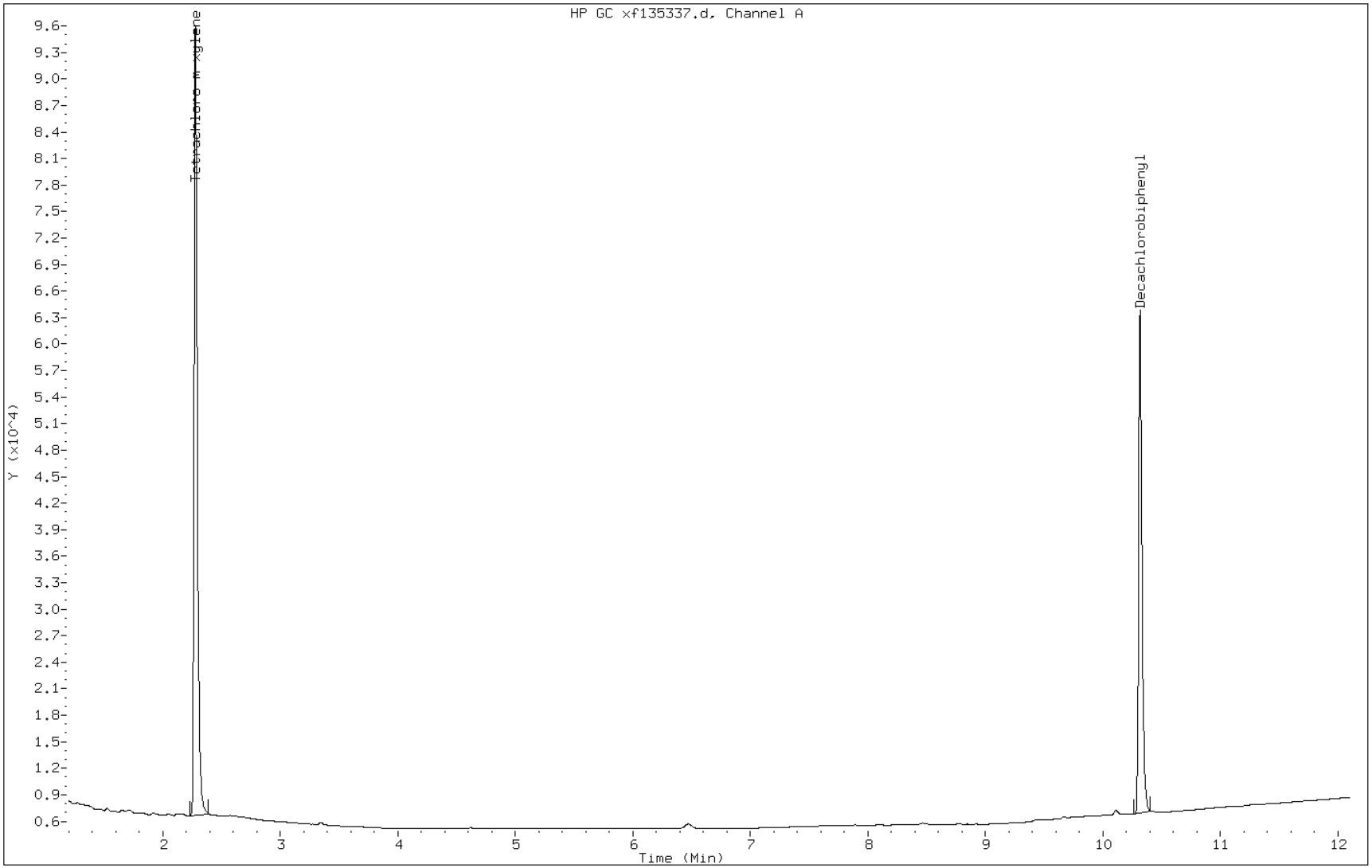
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	166012	55.5329	42	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	113690	53.9290	41	80.00- 120.00	100.00

Data File: xf135337.d

Date: 22-JUN-2012 11:55

Client ID: F-2 Instrument: PESTGC1.i

Sample Info: 460-41492-D-17-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Matrix: Solid | Lab File ID: xr135337.d

Analysis Method: 8081A | Date Collected: 06/18/2012 11:38

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.02(g) | Date Analyzed: 06/22/2012 11:55

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.: 117312 | 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	107		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135337.d
Lab Smp Id: 460-41492-D-17-B Client Smp ID: F-2
Inj Date : 22-JUN-2012 11:55
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-17-B
Misc Info : 460-41492-D-17-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	11.68582	% Moisture

Cpnd Variable Local Compound Variable

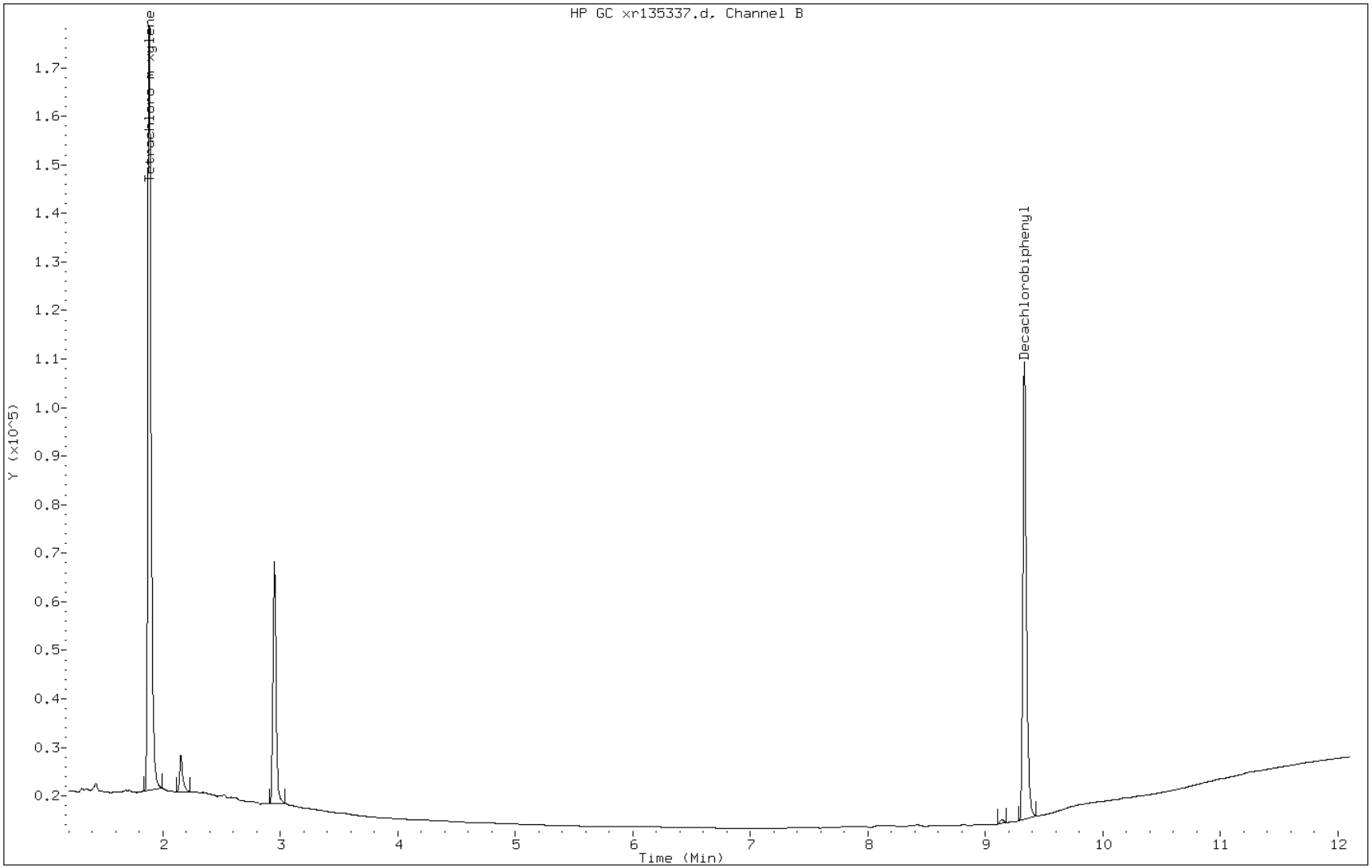
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	294293	53.5247	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	198749	53.6403	40	80.00- 120.00	100.00

Data File: xr135337.d

Date: 22-JUN-2012 11:55

Client ID: F-2 Instrument: PESTGC1.i

Sample Info: 460-41492-D-17-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 Lab Sample ID: 460-41492-19

Matrix: Solid Lab File ID: xf135338.d

Analysis Method: 8081A Date Collected: 06/18/2012 14:15

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 12:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 23.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		40-150
2051-24-3	DCB Decachlorobiphenyl	109		53-150

Data File: xf135338.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135338.d
Lab Smp Id: 460-41492-D-19-B Client Smp ID: F-4
Inj Date : 22-JUN-2012 12:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-19-B
Misc Info : 460-41492-D-19-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	23.17291	% Moisture

Cpnd Variable Local Compound Variable

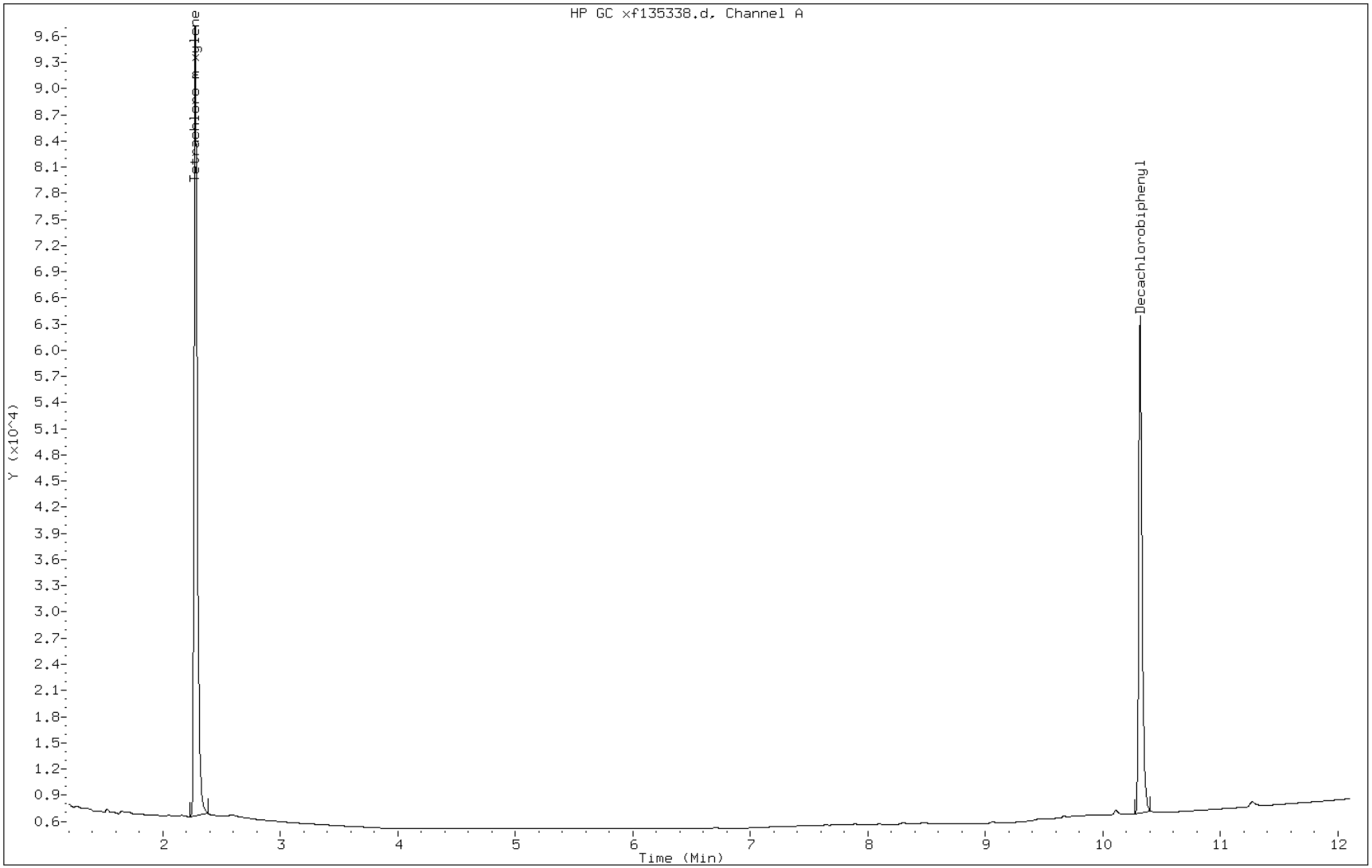
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.273	2.277	-0.004	168391	56.3287	49	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	114426	54.2781	47	80.00- 120.00	100.00

Data File: xf135338.d

Date: 22-JUN-2012 12:09

Client ID: F-4 Instrument: PESTGC1.i

Sample Info: 460-41492-D-19-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: xr135338.d

Analysis Method: 8081A | Date Collected: 06/18/2012 14:15

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 12:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.9	U	8.7	1.9
319-84-6	alpha-BHC	1.6	U	8.7	1.6
319-85-7	beta-BHC	1.2	U	8.7	1.2
319-86-8	delta-BHC	1.3	U	8.7	1.3
58-89-9	gamma-BHC (Lindane)	1.0	U	8.7	1.0
57-74-9	Chlordane	19	U	87	19
72-54-8	4,4'-DDD	1.0	U	8.7	1.0
72-55-9	4,4'-DDE	1.7	U	8.7	1.7
50-29-3	4,4'-DDT	1.1	U	8.7	1.1
60-57-1	Dieldrin	1.7	U	8.7	1.7
959-98-8	Endosulfan I	1.8	U	8.7	1.8
33213-65-9	Endosulfan II	1.3	U	8.7	1.3
1031-07-8	Endosulfan sulfate	1.1	U	8.7	1.1
72-20-8	Endrin	1.2	U	8.7	1.2
7421-93-4	Endrin aldehyde	2.2	U	8.7	2.2
53494-70-5	Endrin ketone	1.3	U	8.7	1.3
76-44-8	Heptachlor	1.2	U	8.7	1.2
1024-57-3	Heptachlor epoxide	1.8	U	8.7	1.8
72-43-5	Methoxychlor	0.98	U	8.7	0.98
8001-35-2	Toxaphene	18	U	87	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		40-150
2051-24-3	DCB Decachlorobiphenyl	108		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135338.d
Lab Smp Id: 460-41492-D-19-B Client Smp ID: F-4
Inj Date : 22-JUN-2012 12:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-19-B
Misc Info : 460-41492-D-19-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	23.17291	% Moisture

Cpnd Variable Local Compound Variable

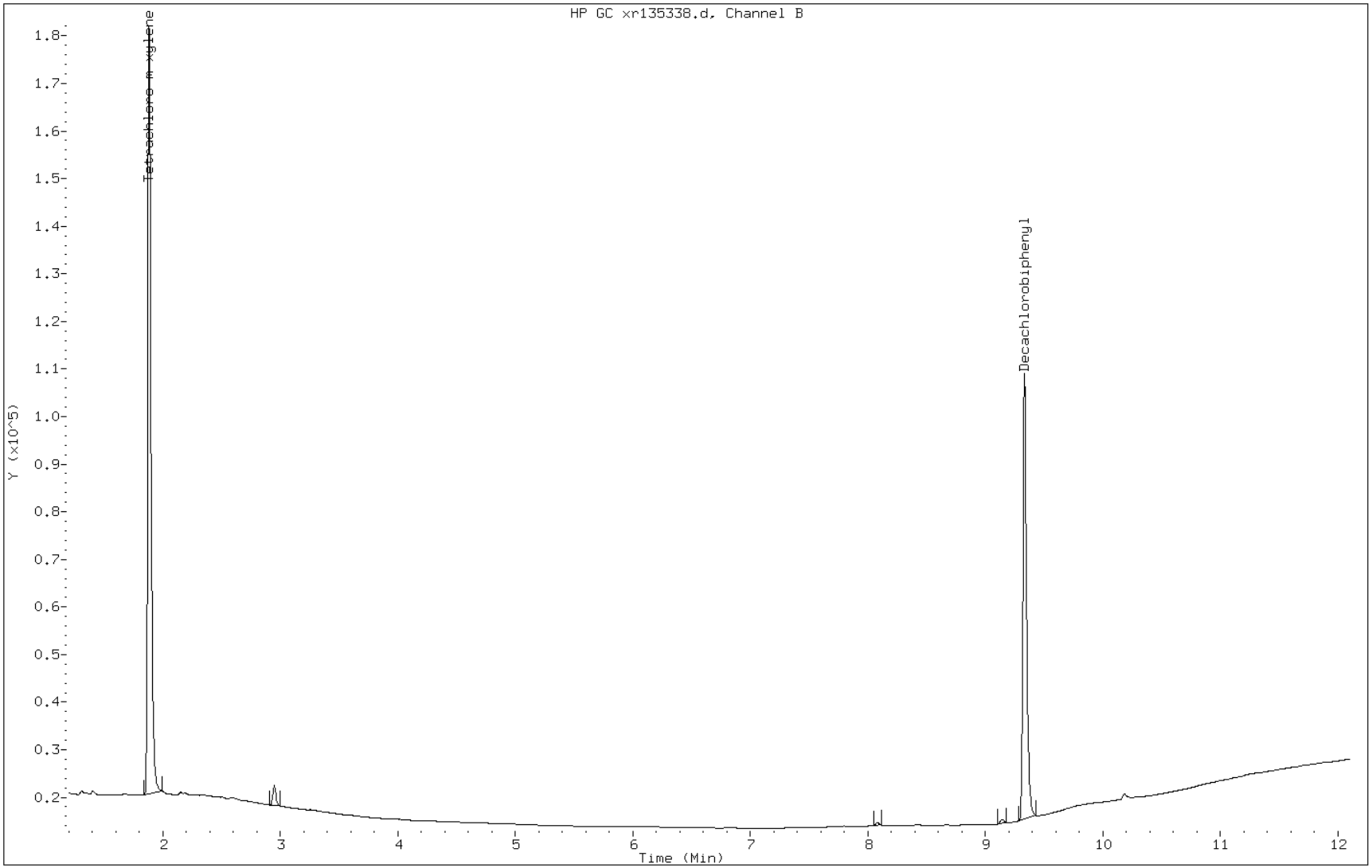
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.880	1.883	-0.003	300269	54.6115	47	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.333	9.330	0.003	200747	54.1796	47	80.00- 120.00	100.00

Data File: xr135338.d

Date: 22-JUN-2012 12:09

Client ID: F-4 Instrument: PESTGC1.i

Sample Info: 460-41492-D-19-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 Lab Sample ID: 460-41492-20

Matrix: Solid Lab File ID: xf135339.d

Analysis Method: 8081A Date Collected: 06/19/2012 10:30

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 12:22

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

Data File: xf135339.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135339.d
Lab Smp Id: 460-41492-D-20-B Client Smp ID: F-5
Inj Date : 22-JUN-2012 12:22
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-20-B
Misc Info : 460-41492-D-20-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	11.71329	% Moisture

Cpnd Variable Local Compound Variable

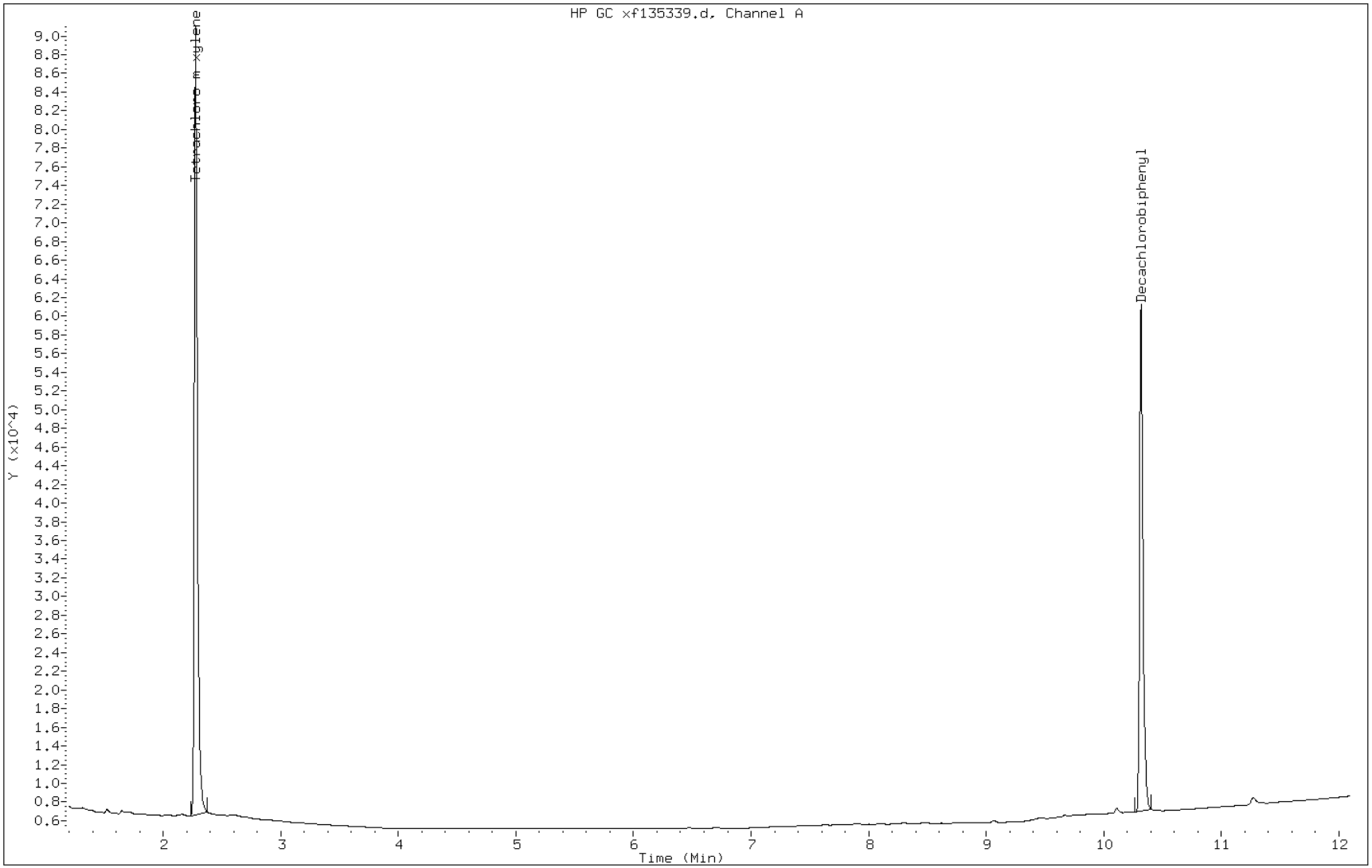
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	156023	52.1914	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	109307	51.8499	39	80.00- 120.00	100.00

Data File: xf135339.d

Date: 22-JUN-2012 12:22

Client ID: F-5 Instrument: PESTGC1.i

Sample Info: 460-41492-D-20-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Matrix: Solid | Lab File ID: xr135339.d

Analysis Method: 8081A | Date Collected: 06/19/2012 10:30

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 12:22

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.: 117312 | 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	0.97	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	101		40-150
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135339.d
Lab Smp Id: 460-41492-D-20-B Client Smp ID: F-5
Inj Date : 22-JUN-2012 12:22
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-20-B
Misc Info : 460-41492-D-20-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	11.71329	% Moisture

Cpnd Variable Local Compound Variable

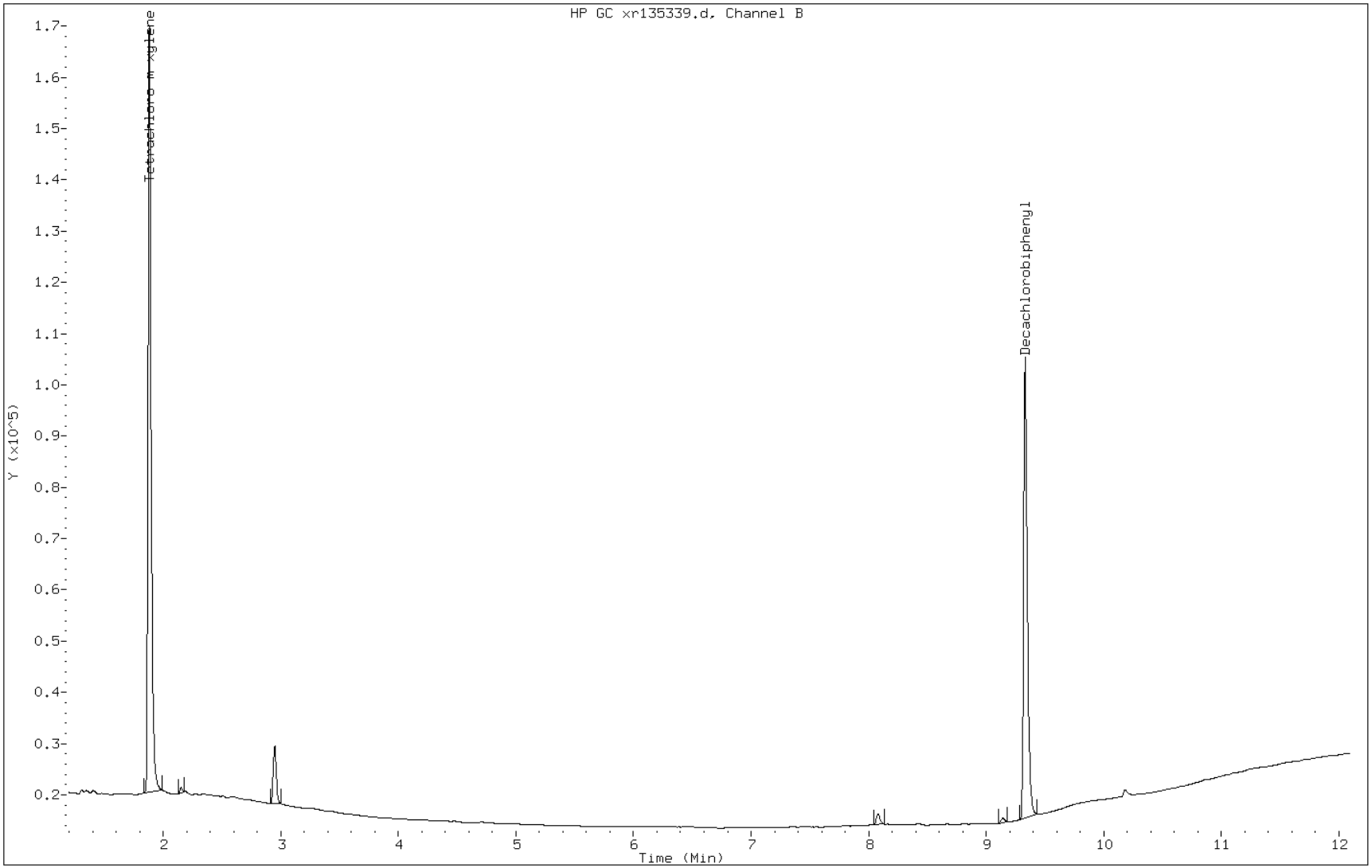
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	278269	50.6103	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	191956	51.8070	39	80.00- 120.00	100.00

Data File: xr135339.d

Date: 22-JUN-2012 12:22

Client ID: F-5 Instrument: PESTGC1.i

Sample Info: 460-41492-D-20-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 Lab Sample ID: 460-41492-21

Matrix: Solid Lab File ID: xf135282.d

Analysis Method: 8081A Date Collected: 06/19/2012 14:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.02(g) Date Analyzed: 06/21/2012 14:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-150
2051-24-3	DCB Decachlorobiphenyl	86		53-150

Data File: xf135282.d
Report Date: 22-Jun-2012 09:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135282.d
Lab Smp Id: 460-41492-D-21-F Client Smp ID: F-6
Inj Date : 21-JUN-2012 14:50
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-F
Misc Info : 460-41492-D-21-F
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

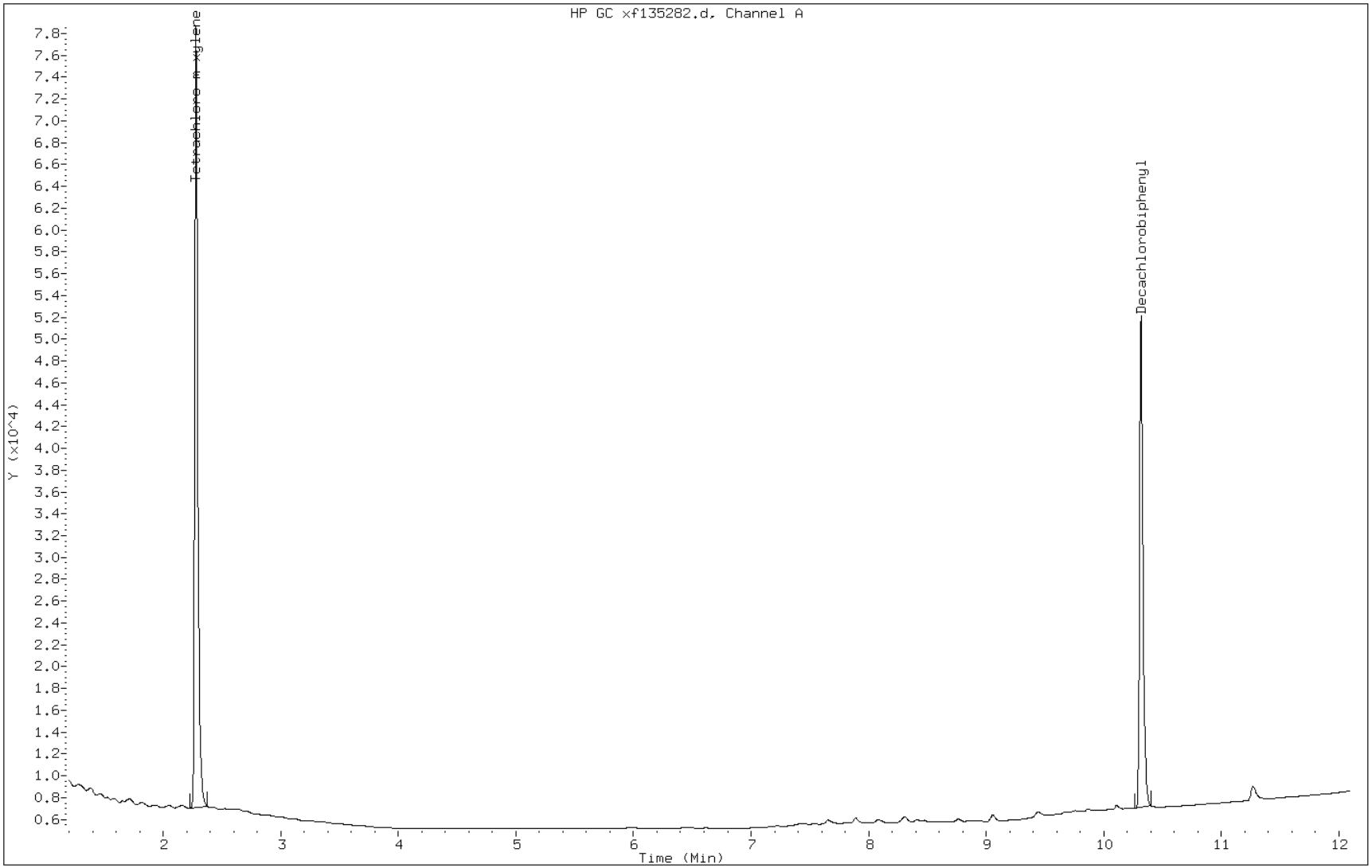
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.280	2.280	0.000	133075	44.5151	30	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	90499	42.9283	28	80.00- 120.00	100.00

Data File: xf135282.d

Date: 21-JUN-2012 14:50

Client ID: F-6 Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-F Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: xr135282.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.02(g) | Date Analyzed: 06/21/2012 14:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.7	U	7.7	1.7
319-84-6	alpha-BHC	1.4	U	7.7	1.4
319-85-7	beta-BHC	1.0	U	7.7	1.0
319-86-8	delta-BHC	1.2	U	7.7	1.2
58-89-9	gamma-BHC (Lindane)	0.90	U	7.7	0.90
57-74-9	Chlordane	17	U	77	17
72-54-8	4,4'-DDD	0.92	U	7.7	0.92
72-55-9	4,4'-DDE	1.5	U	7.7	1.5
50-29-3	4,4'-DDT	0.96	U	7.7	0.96
60-57-1	Dieldrin	1.5	U	7.7	1.5
959-98-8	Endosulfan I	1.6	U	7.7	1.6
33213-65-9	Endosulfan II	1.2	U	7.7	1.2
1031-07-8	Endosulfan sulfate	0.99	U	7.7	0.99
72-20-8	Endrin	1.1	U	7.7	1.1
7421-93-4	Endrin aldehyde	1.9	U	7.7	1.9
53494-70-5	Endrin ketone	1.1	U	7.7	1.1
76-44-8	Heptachlor	1.1	U	7.7	1.1
1024-57-3	Heptachlor epoxide	1.5	U	7.7	1.5
72-43-5	Methoxychlor	0.86	U	7.7	0.86
8001-35-2	Toxaphene	16	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-150
2051-24-3	DCB Decachlorobiphenyl	90		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135282.d
Lab Smp Id: 460-41492-D-21-F Client Smp ID: F-6
Inj Date : 21-JUN-2012 14:50
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-F
Misc Info : 460-41492-D-21-F
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

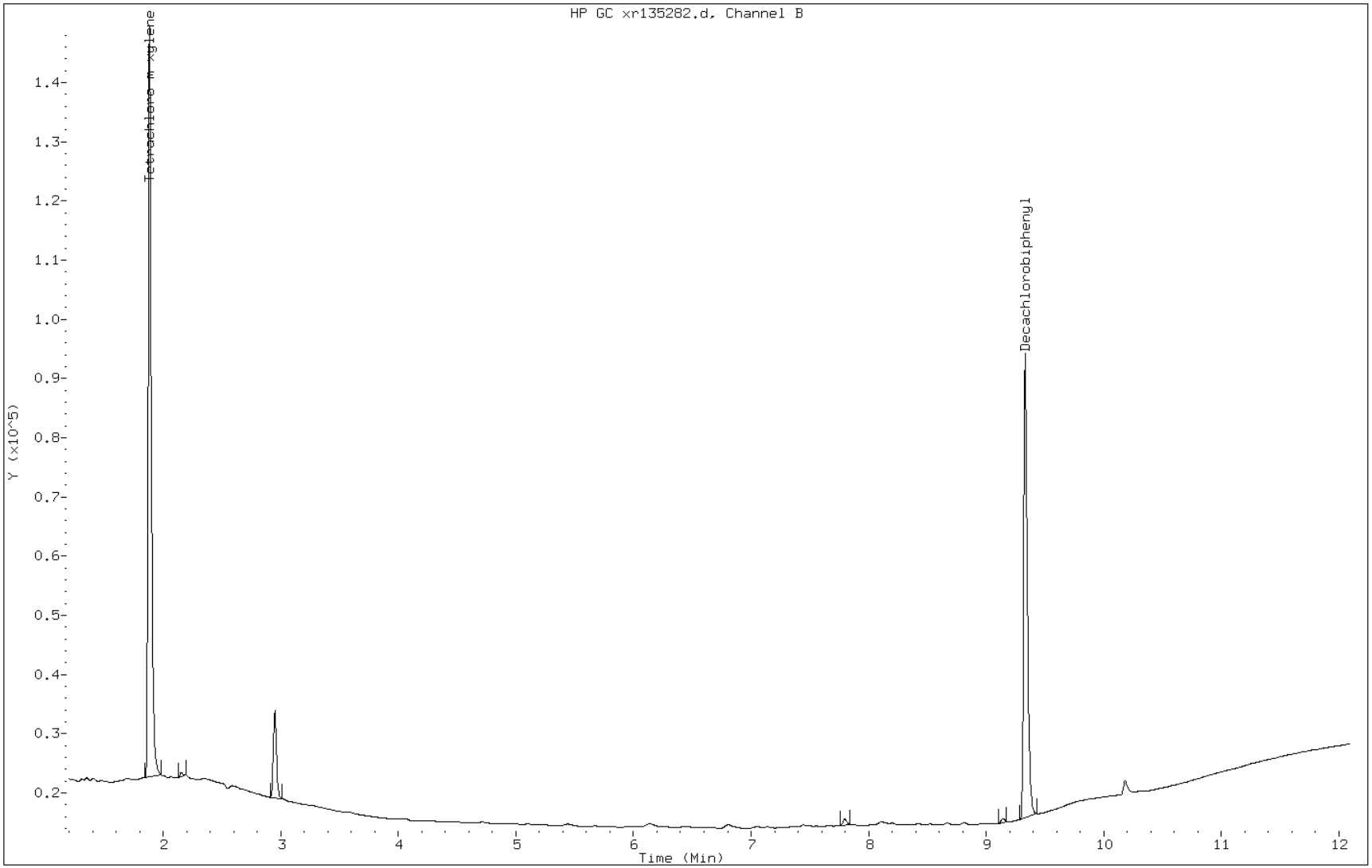
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	239983	43.6471	29	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	167475	45.1998	30	80.00- 120.00	100.00

Data File: xr135282.d

Date: 21-JUN-2012 14:50

Client ID: F-6 Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-F Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 Lab Sample ID: 460-41492-22

Matrix: Solid Lab File ID: xf135283.d

Analysis Method: 8081A Date Collected: 06/19/2012 15:30

Extraction Method: 3541 Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 15:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	126		40-150
2051-24-3	DCB Decachlorobiphenyl	121		53-150

Data File: xf135283.d
Report Date: 22-Jun-2012 09:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135283.d
Lab Smp Id: 460-41492-D-22-B Client Smp ID: F-7
Inj Date : 21-JUN-2012 15:04
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-22-B
Misc Info : 460-41492-D-22-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

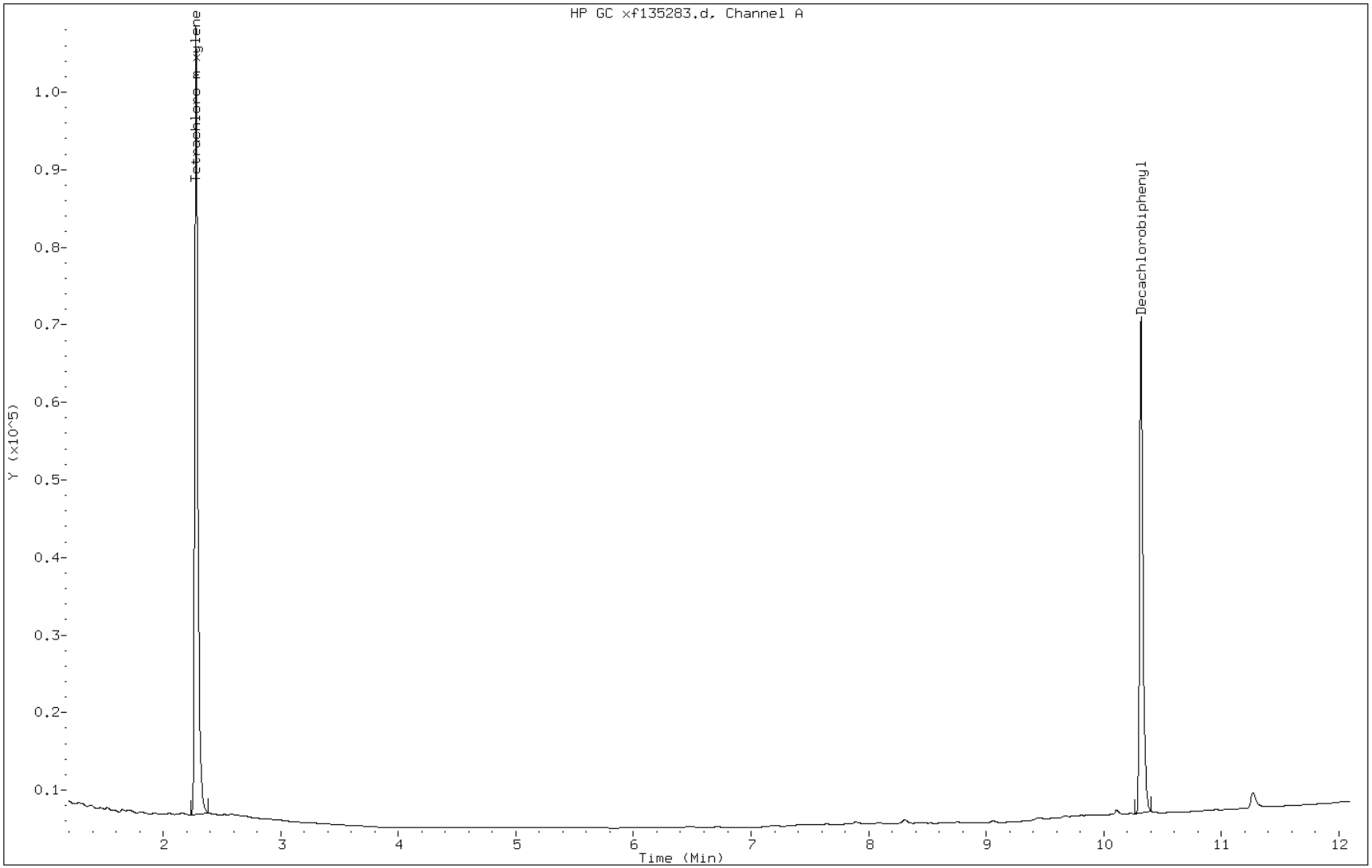
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.280	2.280	0.000	188916	63.1948	42	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	127159	60.3184	40	80.00- 120.00	100.00

Data File: xf135283.d

Date: 21-JUN-2012 15:04

Client ID: F-7 Instrument: PESTGC1.i

Sample Info: 460-41492-D-22-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: xr135283.d

Analysis Method: 8081A | Date Collected: 06/19/2012 15:30

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.04(g) | Date Analyzed: 06/21/2012 15:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.6	U	7.3	1.6
319-84-6	alpha-BHC	1.3	U	7.3	1.3
319-85-7	beta-BHC	0.99	U	7.3	0.99
319-86-8	delta-BHC	1.1	U	7.3	1.1
58-89-9	gamma-BHC (Lindane)	0.85	U	7.3	0.85
57-74-9	Chlordane	16	U	73	16
72-54-8	4,4'-DDD	0.87	U	7.3	0.87
72-55-9	4,4'-DDE	1.4	U	7.3	1.4
50-29-3	4,4'-DDT	0.91	U	7.3	0.91
60-57-1	Dieldrin	1.4	U	7.3	1.4
959-98-8	Endosulfan I	1.5	U	7.3	1.5
33213-65-9	Endosulfan II	1.1	U	7.3	1.1
1031-07-8	Endosulfan sulfate	0.93	U	7.3	0.93
72-20-8	Endrin	1.0	U	7.3	1.0
7421-93-4	Endrin aldehyde	1.8	U	7.3	1.8
53494-70-5	Endrin ketone	1.1	U	7.3	1.1
76-44-8	Heptachlor	1.0	U	7.3	1.0
1024-57-3	Heptachlor epoxide	1.5	U	7.3	1.5
72-43-5	Methoxychlor	0.82	U	7.3	0.82
8001-35-2	Toxaphene	15	U	73	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		40-150
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135283.d
Lab Smp Id: 460-41492-D-22-B Client Smp ID: F-7
Inj Date : 21-JUN-2012 15:04
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-22-B
Misc Info : 460-41492-D-22-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

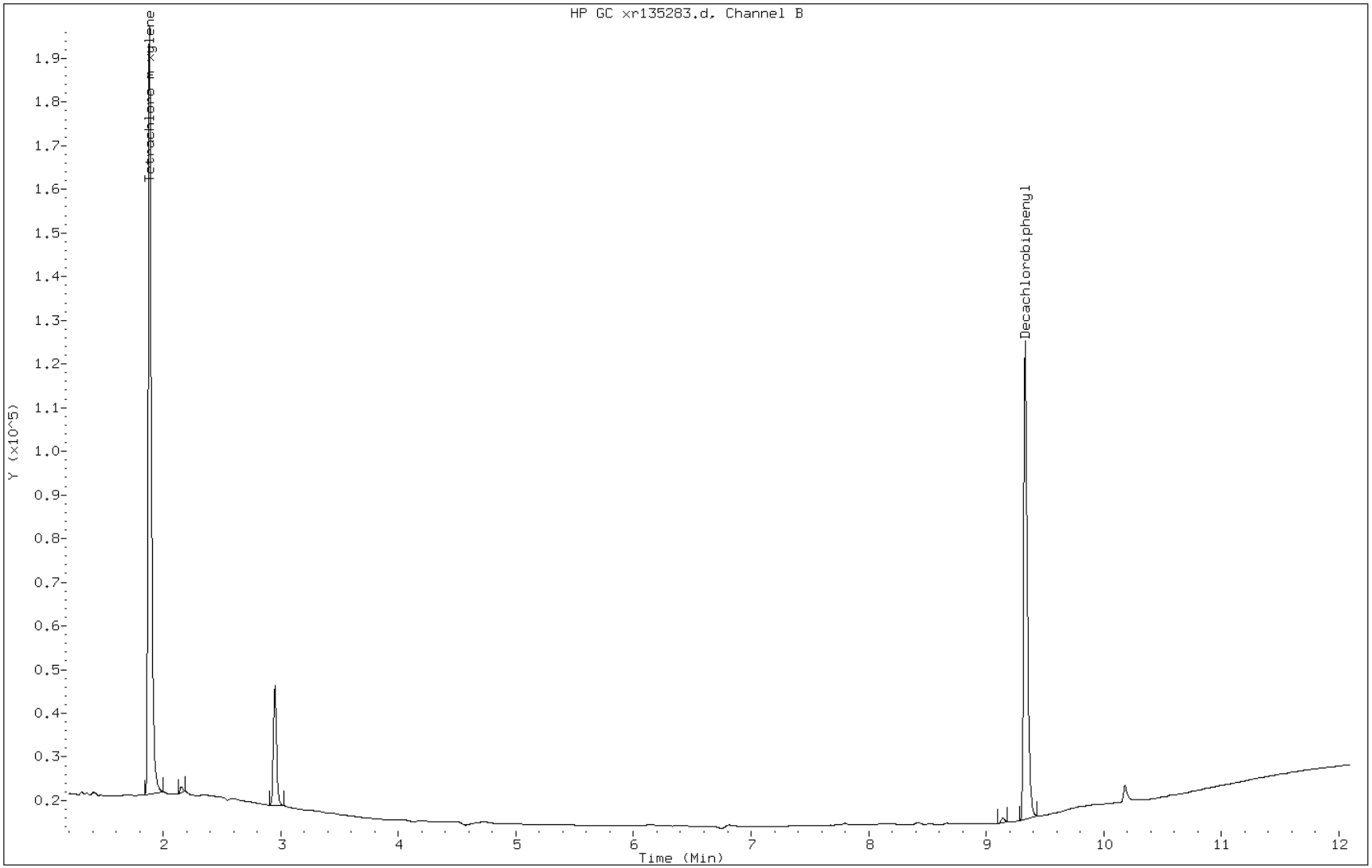
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	337939	61.4629	41	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	232910	62.8603	42	80.00- 120.00	100.00

Data File: xr135283.d

Date: 21-JUN-2012 15:04

Client ID: F-7 Instrument: PESTGC1.i

Sample Info: 460-41492-D-22-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D Lab Sample ID: 460-41492-23

Matrix: Solid Lab File ID: xf135340.d

Analysis Method: 8081A Date Collected: 06/19/2012 00:00

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 12:36

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

Data File: xf135340.d
Report Date: 25-Jun-2012 06:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135340.d
Lab Smp Id: 460-41492-D-23-B Client Smp ID: FD-D
Inj Date : 22-JUN-2012 12:36
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-23-B
Misc Info : 460-41492-D-23-B
Comment   :
Method   : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	10.38462	% Moisture

Cpnd Variable Local Compound Variable

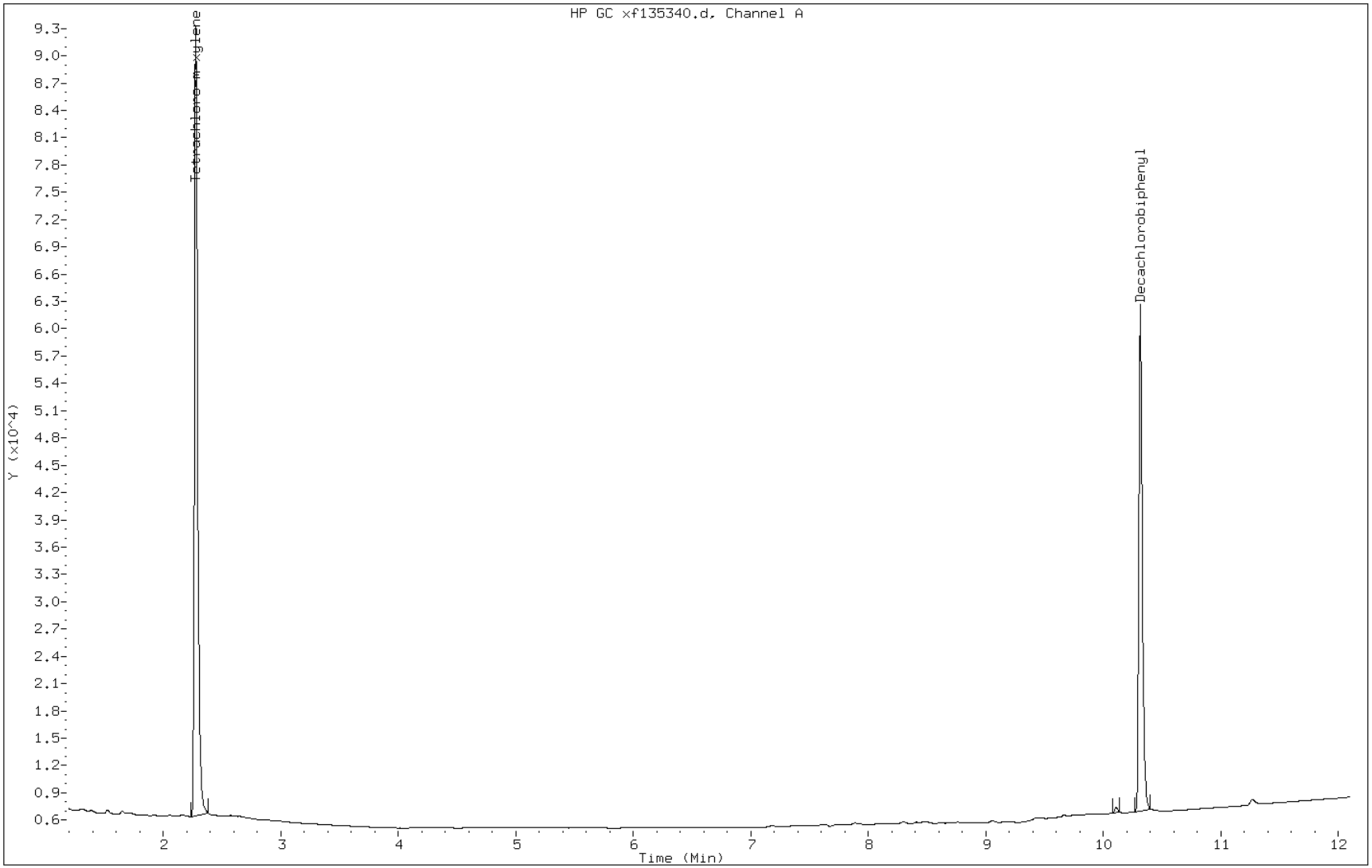
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.277	2.277	0.000	162733	54.4360	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	112005	53.1297	39	80.00- 120.00	100.00

Data File: xf135340.d

Date: 22-JUN-2012 12:36

Client ID: FD-D Instrument: PESTGC1.i

Sample Info: 460-41492-D-23-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D | Lab Sample ID: 460-41492-23

Matrix: Solid | Lab File ID: xr135340.d

Analysis Method: 8081A | Date Collected: 06/19/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.03(g) | Date Analyzed: 06/22/2012 12:36

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.: 117312 | 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	0.84	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	106		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135340.d
Lab Smp Id: 460-41492-D-23-B Client Smp ID: FD-D
Inj Date : 22-JUN-2012 12:36
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-23-B
Misc Info : 460-41492-D-23-B
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	10.38462	% Moisture

Cpnd Variable Local Compound Variable

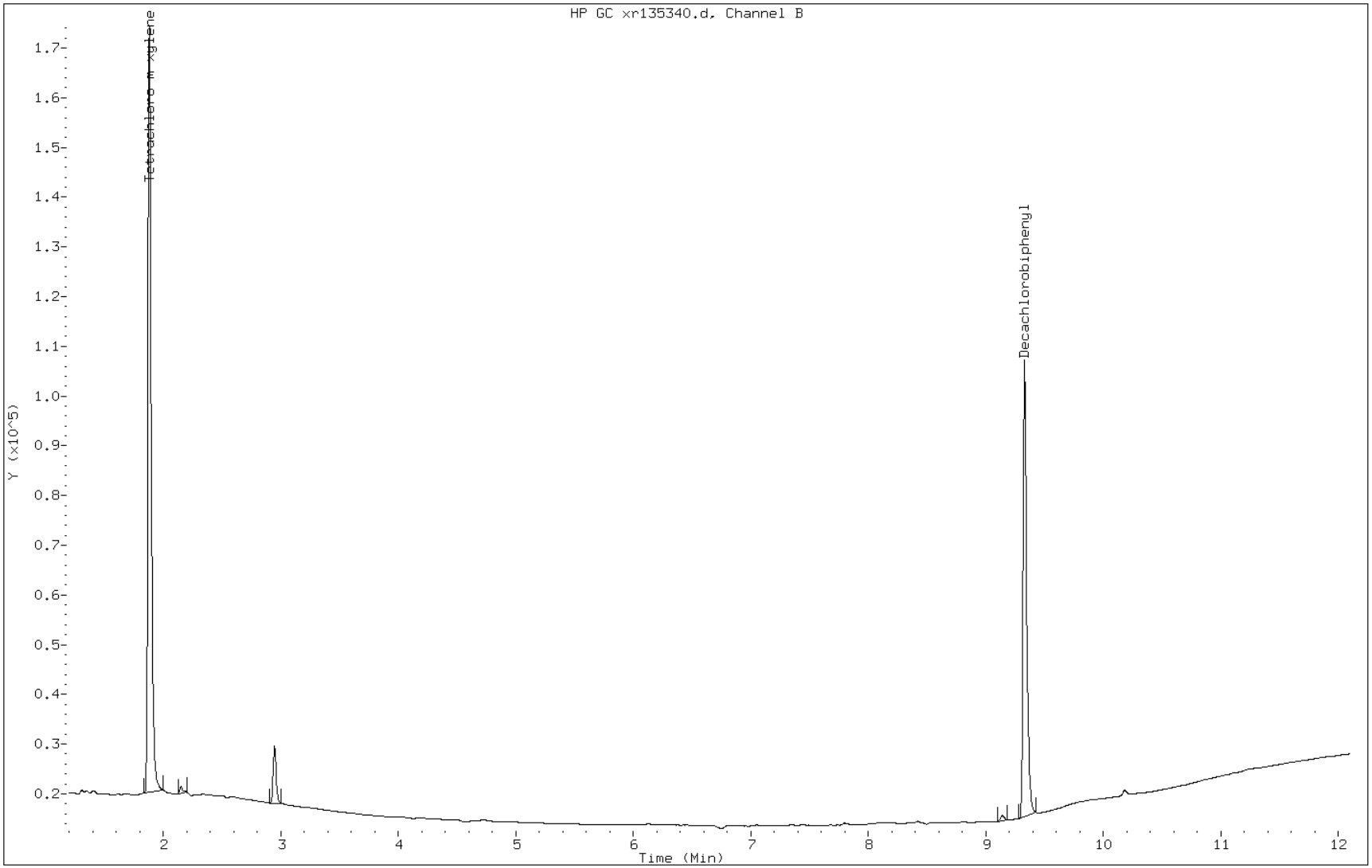
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	290901	52.9077	39	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	196234	52.9616	39	80.00- 120.00	100.00

Data File: xr135340.d

Date: 22-JUN-2012 12:36

Client ID: FD-D Instrument: PESTGC1.i

Sample Info: 460-41492-D-23-B Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xf135251.d
Level 2	IC 460-116949/7	xf135252.d
Level 3	IC 460-116949/5	xf135250.d
Level 4	IC 460-116949/8	xf135253.d
Level 5	IC 460-116949/9	xf135254.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)	3.113	3.110	3.110	3.110	3.110						3.060 - 3.160	3.111
beta-BHC	3.200	3.197	3.197	3.197	3.197						3.147 - 3.247	3.197
delta-BHC	3.573	3.573	3.573	3.573	3.573						3.523 - 3.623	3.573
Heptachlor	3.683	3.683	3.683	3.683	3.683						3.633 - 3.733	3.683
Aldrin	4.470	4.470	4.470	4.470	4.470						4.420 - 4.520	4.470
Heptachlor epoxide	6.003	6.003	6.003	6.003	6.000						5.933 - 6.073	6.003
gamma-Chlordane	6.487	6.483	6.483	6.483	6.483						6.413 - 6.553	6.484
alpha-Chlordane	6.847	6.843	6.843	6.843	6.843						6.773 - 6.913	6.844
Endosulfan I	6.990	6.987	6.987	6.987	6.987						6.917 - 7.057	6.987
4,4'-DDE	7.180	7.177	7.177	7.177	7.177						7.107 - 7.247	7.177
Dieldrin	7.453	7.450	7.453	7.450	7.450						7.383 - 7.523	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	8.070	8.067						8.000 - 8.140	8.069
4,4'-DDT	8.300	8.300	8.300	8.300	8.297						8.230 - 8.370	8.299
Endrin aldehyde	8.467	8.463	8.467	8.463	8.463						8.397 - 8.537	8.465
Endosulfan sulfate	8.797	8.793	8.793	8.793	8.793						8.723 - 8.863	8.794
Methoxychlor	9.107	9.103	9.103	9.103	9.103						9.033 - 9.173	9.104
Endrin ketone	9.393	9.393	9.393	9.393	9.393						9.323 - 9.463	9.393
Tetrachloro-m-xylene	2.277	2.277	2.277	2.277	2.277						2.227 - 2.327	2.277
DCB Decachlorobiphenyl	10.317	10.313	10.313	10.313	10.313						10.213 - 10.413	10.314

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xf135251.d
Level 2	IC 460-116949/7	xf135252.d
Level 3	IC 460-116949/5	xf135250.d
Level 4	IC 460-116949/8	xf135253.d
Level 5	IC 460-116949/9	xf135254.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	4712.1 3787.9	4483.9	4163.3	3998.1	Ave		4229.06720				8.8		20.0			
gamma-BHC (Lindane)	4344.9 3420.3	4107.5	3794.3	3637.7	Ave		3860.92880				9.5		20.0			
beta-BHC	2389.3 1636.4	2054.4	1863.3	1770.4	Ave		1942.75880				15.0		20.0			
delta-BHC	3949.7 3506.0	3977.3	3779.3	3694.2	Ave		3781.29560				5.1		20.0			
Heptachlor	3792.4 3177.9	3703.3	3446.8	3378.6	Ave		3499.79280				7.1		20.0			
Aldrin	3924.6 3718.9	4217.3	4044.8	3968.8	Ave		3974.89080				4.6		20.0			
Heptachlor epoxide	4076.5 3322.0	3996.1	3742.7	3581.7	Ave		3743.77280				8.2		20.0			
gamma-Chlordane	4156.3 3490.8	4049.4	3803.1	3701.1	Ave		3840.14160				7.0		20.0			
alpha-Chlordane	4079.9 3272.9	3928.3	3636.1	3496.9	Ave		3682.80960				8.8		20.0			
Endosulfan I	3553.6 2953.3	3547.8	3318.6	3171.8	Ave		3309.00960				7.7		20.0			
4,4'-DDE	3203.7 3083.9	3434.0	3299.3	3266.6	Ave		3257.47720				3.9		20.0			
Dieldrin	3544.1 3015.2	3543.3	3334.4	3215.5	Ave		3330.50840				6.8		20.0			
Endrin	2956.6 2466.2	2876.4	2749.2	2589.7	Ave		2727.62760				7.4		20.0			
4,4'-DDD	2715.4 2371.3	2716.2	2565.6	2487.2	Ave		2571.12360				5.8		20.0			
Endosulfan II	3187.3 2477.2	2974.3	2751.6	2635.2	Ave		2805.11240				10.0		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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16114

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	2453.9 2245.8	2447.2	2342.7	2301.4	Ave		2358.20240				3.9		20.0			
Endrin aldehyde	2776.3 1954.9	2383.8	2203.0	2084.3	Ave		2280.45000				14.0		20.0			
Endosulfan sulfate	2779.4 2155.9	2524.5	2367.6	2271.2	Ave		2419.69840				10.0		20.0			
Methoxychlor	1386.5 1048.3	1251.8	1139.2	1083.9	Ave		1181.94640				11.7		20.0			
Endrin ketone	2927.4 2239.5	2610.5	2450.0	2331.4	Ave		2511.75920				10.8		20.0			
Tetrachloro-m-xylene	3278.7 2753.9	3140.2	2921.1	2853.3	Ave		2989.43667				7.2		20.0			
DCB Decachlorobiphenyl	2405.7 1936.9	2188.0	2028.8	1981.3	Ave		2108.14367				9.1		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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xf135251.d
Level 2	IC 460-116949/7	xf135252.d
Level 3	IC 460-116949/5	xf135250.d
Level 4	IC 460-116949/8	xf135253.d
Level 5	IC 460-116949/9	xf135254.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	47121	224195	416330	999530	1893958	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	43449	205374	379425	909423	1710161	10.0	50.0	100	250	500
beta-BHC	Ave	23893	102718	186331	442605	818202	10.0	50.0	100	250	500
delta-BHC	Ave	39497	198863	377929	923555	1753004	10.0	50.0	100	250	500
Heptachlor	Ave	37924	185164	344678	844641	1588970	10.0	50.0	100	250	500
Aldrin	Ave	39246	210864	404483	992199	1859474	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	40765	199803	374265	895425	1660977	10.0	50.0	100	250	500
gamma-Chlordane	Ave	41563	202468	380313	925279	1745401	10.0	50.0	100	250	500
alpha-Chlordane	Ave	40799	196415	363609	874220	1636439	10.0	50.0	100	250	500
Endosulfan I	Ave	35536	177388	331858	792947	1476660	10.0	50.0	100	250	500
4,4'-DDE	Ave	32037	171698	329926	816650	1541933	10.0	50.0	100	250	500
Dieldrin	Ave	35441	177166	333437	803879	1507618	10.0	50.0	100	250	500
Endrin	Ave	29566	143819	274924	647425	1233109	10.0	50.0	100	250	500
4,4'-DDD	Ave	27154	135808	256556	621798	1185653	10.0	50.0	100	250	500
Endosulfan II	Ave	31873	148714	275164	658793	1238585	10.0	50.0	100	250	500
4,4'-DDT	Ave	24539	122362	234265	575358	1122895	10.0	50.0	100	250	500
Endrin aldehyde	Ave	27763	119190	220301	521071	977428	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	27794	126223	236756	567804	1077928	10.0	50.0	100	250	500
Methoxychlor	Ave	13865	62589	113920	270987	524152	10.0	50.0	100	250	500
Endrin ketone	Ave	29274	130523	245002	582844	1119770	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	81967	157011	292113	427994	550772	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	60143	109400	202876	297197	387385	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135250.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 21-JUN-2012 07:07
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	292113	100.000	98	80.00- 120.00		100.00(a)
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	416330	100.000	98	80.00- 120.00		100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	379425	100.000	99	80.00- 120.00		100.00(a)
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	186331	100.000	98	80.00- 120.00		100.00(a)
4 delta-BHC					CAS #: 319-86-8			
3.573	3.573	0.000	377929	100.000	100	80.00- 120.00		100.00(a)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
3.683	3.683	0.000	344678	100.000	100	80.00- 120.00	100.00(a)
1 Aldrin						CAS #: 309-00-2	
4.470	4.470	0.000	404483	100.000	100	80.00- 120.00	100.00(a)
18 Heptachlor epoxide						CAS #: 1024-57-3	
6.003	6.003	0.000	374265	100.000	100	80.00- 120.00	100.00(a)
65 gamma-Chlordane						CAS #: 5103-74-2	
6.483	6.483	0.000	380313	100.000	99	80.00- 120.00	100.00(a)
66 alpha-Chlordane						CAS #: 5103-71-9	
6.843	6.843	0.000	363609	100.000	100	80.00- 120.00	100.00(a)
11 Endosulfan I						CAS #: 959-98-8	
6.987	6.987	0.000	331858	100.000	100	80.00- 120.00	100.00(a)
8 4,4'-DDE						CAS #: 72-55-9	
7.177	7.177	0.000	329926	100.000	100	80.00- 120.00	100.00(a)
10 Dieldrin						CAS #: 60-57-1	
7.453	7.453	0.000	333437	100.000	100	80.00- 120.00	100.00(a)
14 Endrin						CAS #: 72-20-8	
7.827	7.827	0.000	274924	100.000	100	80.00- 120.00	100.00(a)
7 4,4'-DDD						CAS #: 72-54-8	
7.933	7.933	0.000	256556	100.000	100	80.00- 120.00	100.00(a)
12 Endosulfan II						CAS #: 33213-65-9	
8.070	8.070	0.000	275164	100.000	98	80.00- 120.00	100.00(a)
9 4,4'-DDT						CAS #: 50-29-3	
8.300	8.300	0.000	234265	100.000	99	80.00- 120.00	100.00(a)
15 Endrin aldehyde						CAS #: 7421-93-4	
8.467	8.467	0.000	220301	100.000	97	80.00- 120.00	100.00(a)
13 Endosulfan sulfate						CAS #: 1031-07-8	
8.793	8.793	0.000	236756	100.000	98	80.00- 120.00	100.00(a)
19 Methoxychlor						CAS #: 72-43-5	
9.103	9.103	0.000	113920	100.000	96	80.00- 120.00	100.00(a)
16 Endrin ketone						CAS #: 53494-70-5	
9.393	9.393	0.000	245002	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
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	202876	100.000	96	80.00- 120.00	100.00(a)

QC Flag Legend

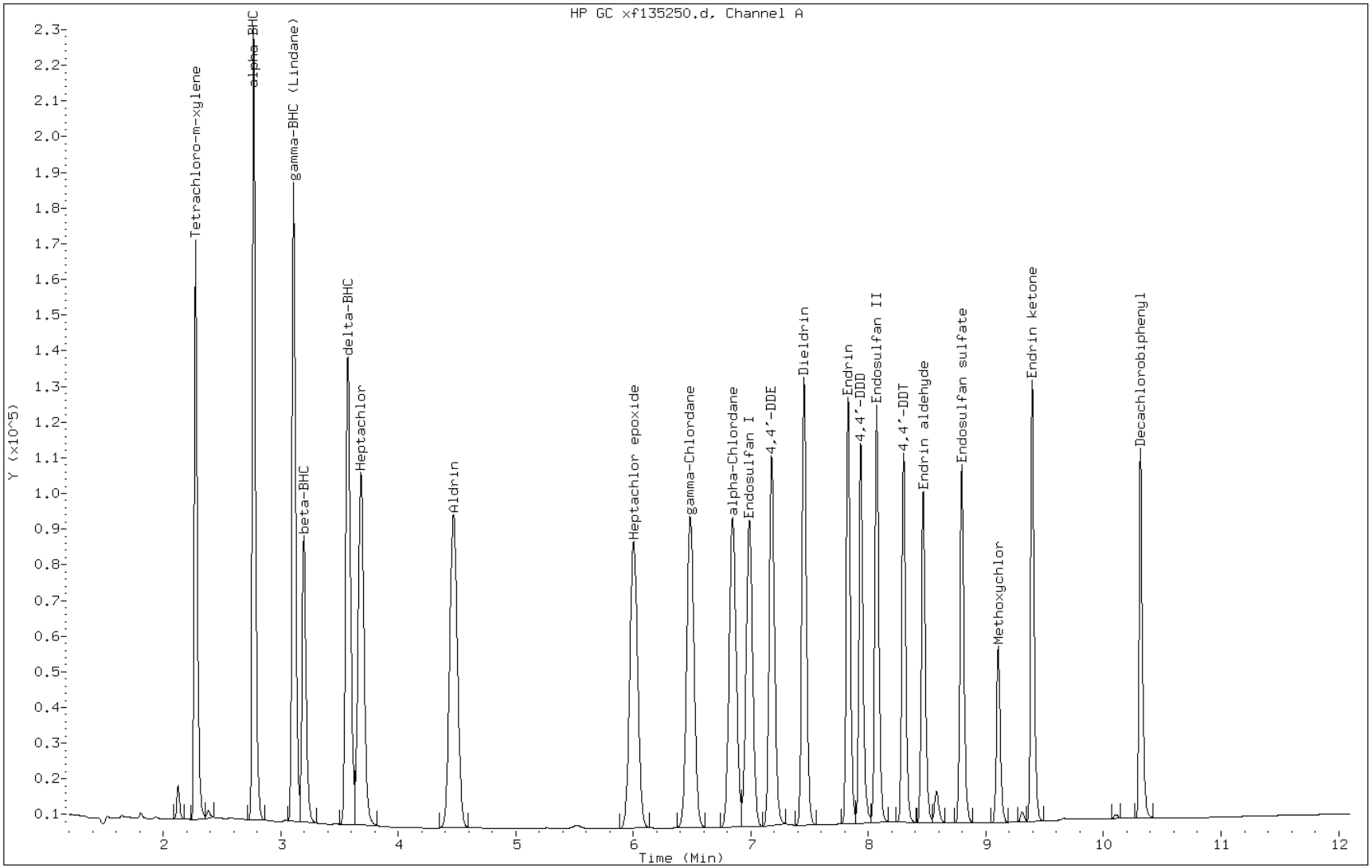
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135250.d

Date: 21-JUN-2012 07:07

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135251.d
Lab Smp Id: SGPESTL1_00015
Inj Date : 21-JUN-2012 07:21
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:02 Cal File: xf135254.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	81967	25.0000	27	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.770	0.000	47121	10.0000	11	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.113	3.110	0.003	43449	10.0000	11	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.200	3.197	0.003	23893	10.0000	12	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.573	3.573	0.000	39497	10.0000	10	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		
3.683	3.683	0.000	37924	10.0000	11	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.470	4.470	0.000	39246	10.0000	9.9	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.003	6.003	0.000	40765	10.0000	11	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.487	6.483	0.004	41563	10.0000	11	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.847	6.843	0.004	40799	10.0000	11	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.990	6.987	0.003	35536	10.0000	11	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.180	7.177	0.003	32037	10.0000	9.8	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.453	7.453	0.000	35441	10.0000	11	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	29566	10.0000	11	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.933	0.004	27154	10.0000	10	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	31873	10.0000	11	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	24539	10.0000	10	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	27763	10.0000	12	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.797	8.793	0.004	27794	10.0000	11	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.107	9.103	0.004	13865	10.0000	12	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	29274	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
10.317	10.313	0.004	60143	25.0000	28	80.00- 120.00	100.00

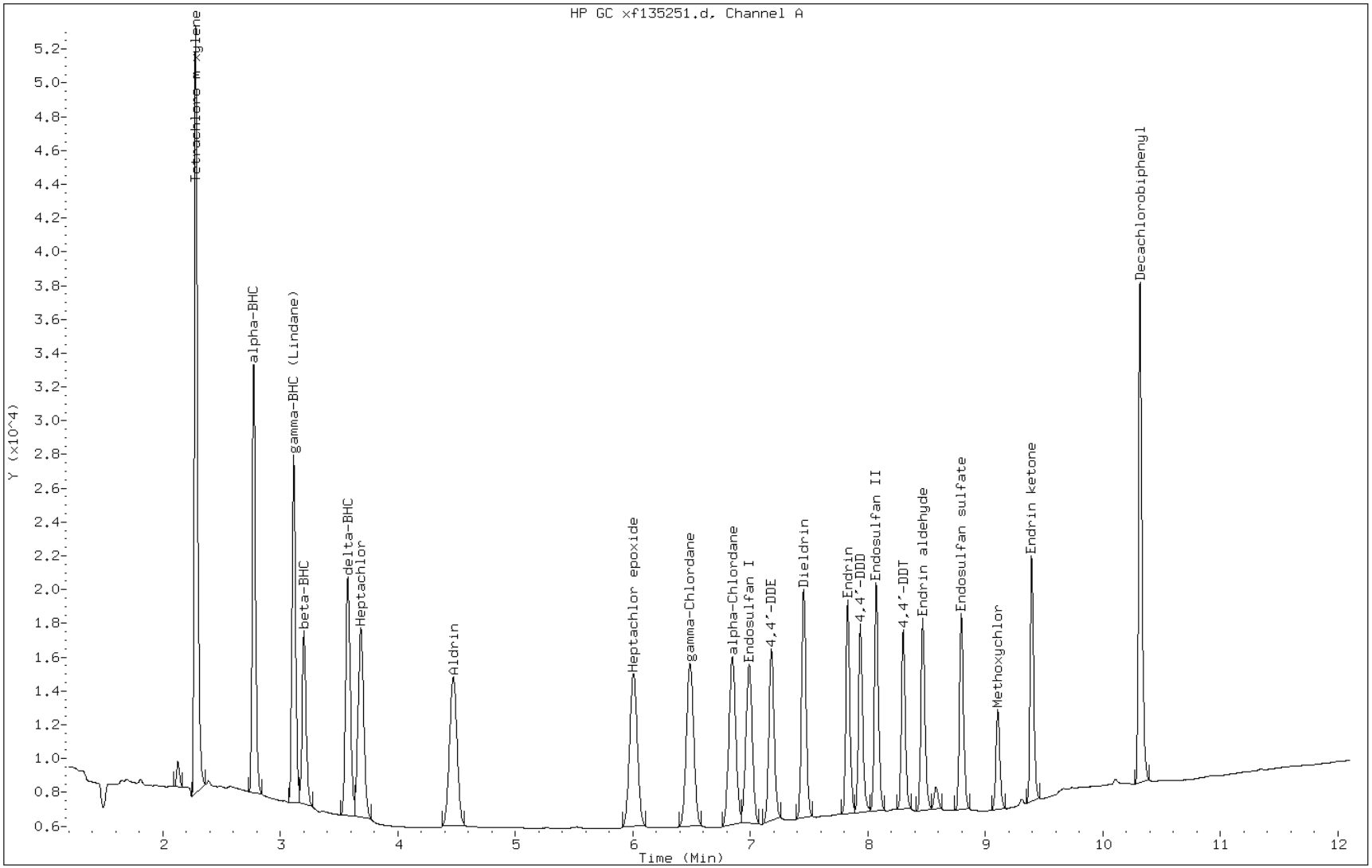
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: xf135251.d

Date: 21-JUN-2012 07:21

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00015 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135252.d
Lab Smp Id: SGPESTL2_00012
Inj Date : 21-JUN-2012 07:35
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	157011	50.0000	52	80.00- 120.00		100.00(a)
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	224195	50.0000	53	80.00- 120.00		100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	205374	50.0000	53	80.00- 120.00		100.00(a)
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	102718	50.0000	53	80.00- 120.00		100.00(a)
4 delta-BHC					CAS #: 319-86-8			
3.573	3.573	0.000	198863	50.0000	52	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		
3.683	3.683	0.000	185164	50.0000	53	80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.470	4.470	0.000	210864	50.0000	53	80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.003	6.003	0.000	199803	50.0000	53	80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.483	6.483	0.000	202468	50.0000	53	80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.843	6.843	0.000	196415	50.0000	53	80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.987	0.000	177388	50.0000	54	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	171698	50.0000	53	80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.450	7.453	-0.003	177166	50.0000	53	80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	143819	50.0000	53	80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	135808	50.0000	53	80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	148714	50.0000	53	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	122362	50.0000	52	80.00- 120.00	100.00(a)
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.467	-0.004	119190	50.0000	52	80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	126223	50.0000	52	80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	62589	50.0000	53	80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	130523	50.0000	52	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	109400	50.0000	52	80.00- 120.00	100.00(a)

QC Flag Legend

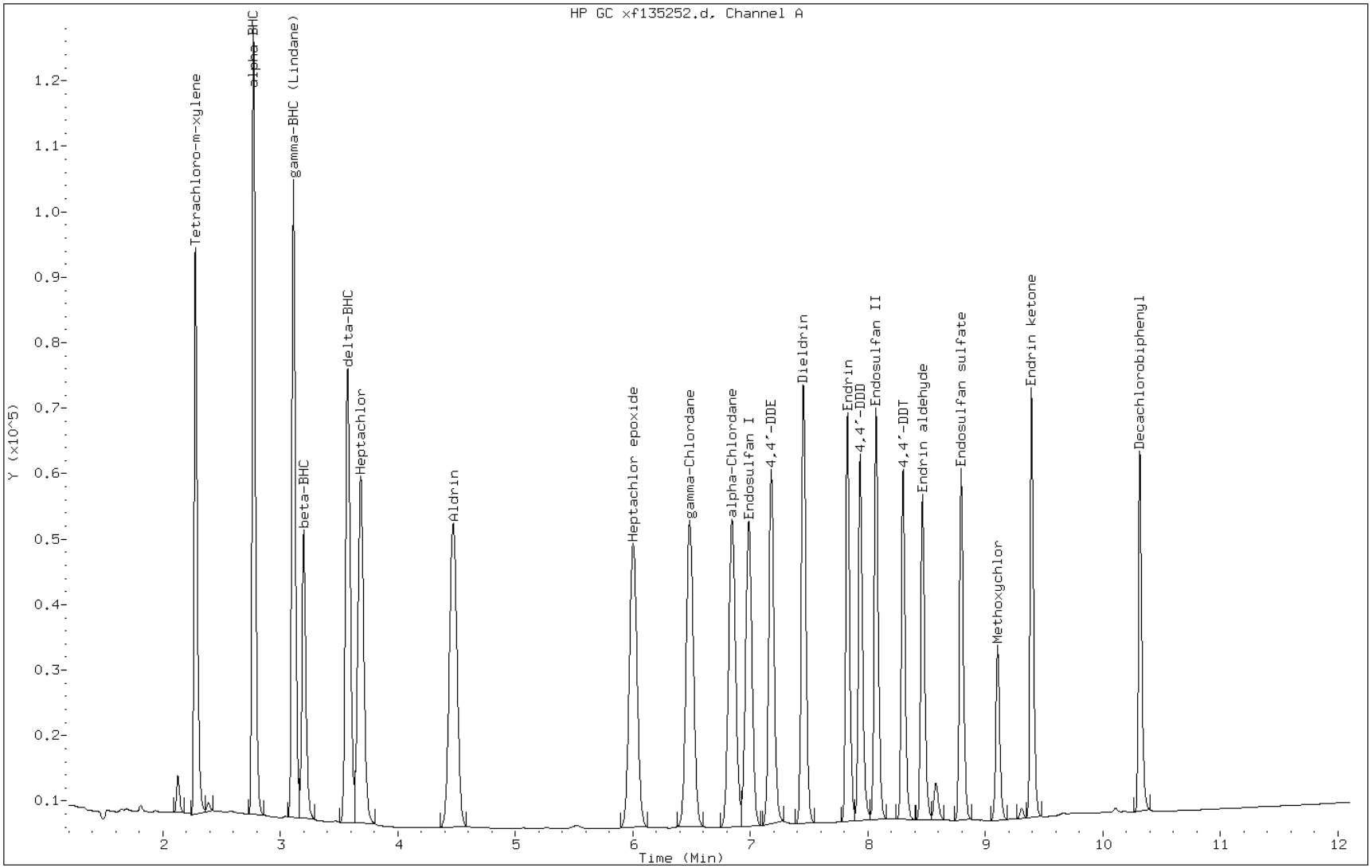
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135252.d

Date: 21-JUN-2012 07:35

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00012 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135253.d
Lab Smp Id: SGPESTL4_00012
Inj Date : 21-JUN-2012 07:49
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	427994	150.000	140	80.00- 120.00		100.00(a)
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	999530	250.000	240	80.00- 120.00		100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	909423	250.000	240	80.00- 120.00		100.00(a)
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	442605	250.000	230	80.00- 120.00		100.00(a)
4 delta-BHC					CAS #: 319-86-8			
3.573	3.573	0.000	923555	250.000	240	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	
3.683	3.683	0.000	844641	250.000	240	80.00- 120.00	100.00(a)
1 Aldrin						CAS #: 309-00-2	
4.470	4.470	0.000	992199	250.000	250	80.00- 120.00	100.00(a)
18 Heptachlor epoxide						CAS #: 1024-57-3	
6.003	6.003	0.000	895425	250.000	240	80.00- 120.00	100.00(a)
65 gamma-Chlordane						CAS #: 5103-74-2	
6.483	6.483	0.000	925279	250.000	240	80.00- 120.00	100.00(a)
66 alpha-Chlordane						CAS #: 5103-71-9	
6.843	6.843	0.000	874220	250.000	240	80.00- 120.00	100.00(a)
11 Endosulfan I						CAS #: 959-98-8	
6.987	6.987	0.000	792947	250.000	240	80.00- 120.00	100.00(a)
8 4,4'-DDE						CAS #: 72-55-9	
7.177	7.177	0.000	816650	250.000	250	80.00- 120.00	100.00(a)
10 Dieldrin						CAS #: 60-57-1	
7.450	7.453	-0.003	803879	250.000	240	80.00- 120.00	100.00(a)
14 Endrin						CAS #: 72-20-8	
7.827	7.827	0.000	647425	250.000	240	80.00- 120.00	100.00(a)
7 4,4'-DDD						CAS #: 72-54-8	
7.933	7.933	0.000	621798	250.000	240	80.00- 120.00	100.00(a)
12 Endosulfan II						CAS #: 33213-65-9	
8.070	8.070	0.000	658793	250.000	230	80.00- 120.00	100.00(a)
9 4,4'-DDT						CAS #: 50-29-3	
8.300	8.300	0.000	575358	250.000	240	80.00- 120.00	100.00(a)
15 Endrin aldehyde						CAS #: 7421-93-4	
8.463	8.467	-0.004	521071	250.000	230	80.00- 120.00	100.00(a)
13 Endosulfan sulfate						CAS #: 1031-07-8	
8.793	8.793	0.000	567804	250.000	230	80.00- 120.00	100.00(a)
19 Methoxychlor						CAS #: 72-43-5	
9.103	9.103	0.000	270987	250.000	230	80.00- 120.00	100.00(a)
16 Endrin ketone						CAS #: 53494-70-5	
9.393	9.393	0.000	582844	250.000	230	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
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	297197	150.000	140	80.00- 120.00	100.00(a)

QC Flag Legend

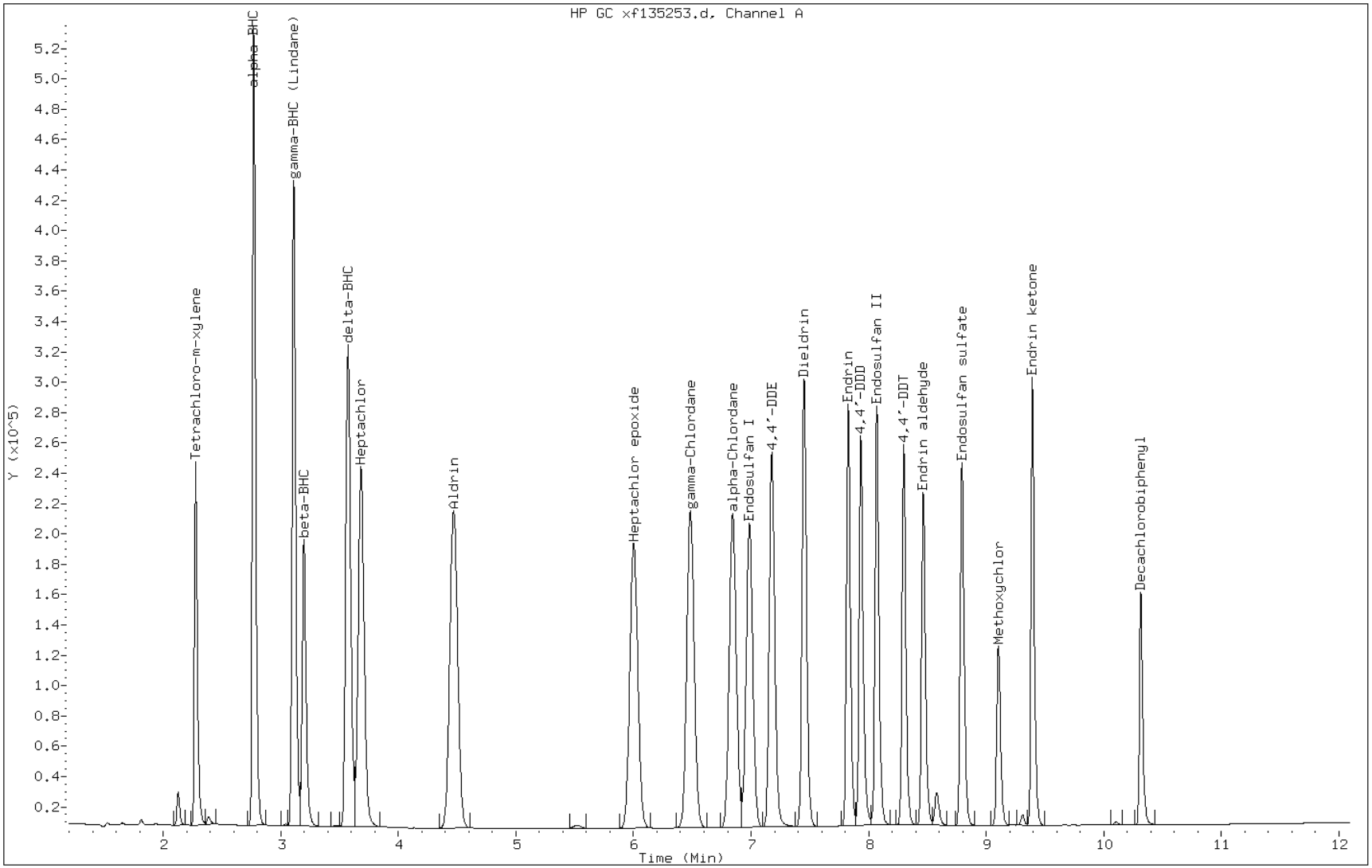
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135253.d

Date: 21-JUN-2012 07:49

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00012 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135254.d
Lab Smp Id: SGPESTL5_00012
Inj Date : 21-JUN-2012 08:02
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	550772	200.000	180	80.00- 120.00		100.00(a)
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	1893958	500.000	450	80.00- 120.00		100.00(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	1710161	500.000	440	80.00- 120.00		100.00(a)
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	818202	500.000	420	80.00- 120.00		100.00(a)
4 delta-BHC					CAS #: 319-86-8			
3.573	3.573	0.000	1753004	500.000	460	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		
3.683	3.683	0.000	1588970	500.000	450	80.00- 120.00	100.00(a)
1 Aldrin					CAS #: 309-00-2		
4.470	4.470	0.000	1859474	500.000	470	80.00- 120.00	100.00(a)
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.000	6.003	-0.003	1660977	500.000	440	80.00- 120.00	100.00(a)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.483	6.483	0.000	1745401	500.000	450	80.00- 120.00	100.00(a)
66 alpha-Chlordane					CAS #: 5103-71-9		
6.843	6.843	0.000	1636439	500.000	440	80.00- 120.00	100.00(a)
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.987	0.000	1476660	500.000	450	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.177	0.000	1541933	500.000	470	80.00- 120.00	100.00(a)
10 Dieldrin					CAS #: 60-57-1		
7.450	7.453	-0.003	1507618	500.000	450	80.00- 120.00	100.00(a)
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	1233109	500.000	450	80.00- 120.00	100.00(a)
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.933	0.000	1185653	500.000	460	80.00- 120.00	100.00(a)
12 Endosulfan II					CAS #: 33213-65-9		
8.067	8.070	-0.003	1238585	500.000	440	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.300	-0.003	1122895	500.000	480	80.00- 120.00	100.00(a)
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.467	-0.004	977428	500.000	430	80.00- 120.00	100.00(a)
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	1077928	500.000	440	80.00- 120.00	100.00(a)
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	524152	500.000	440	80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	1119770	500.000	440	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	387385	200.000	180	80.00- 120.00	100.00(a)

QC Flag Legend

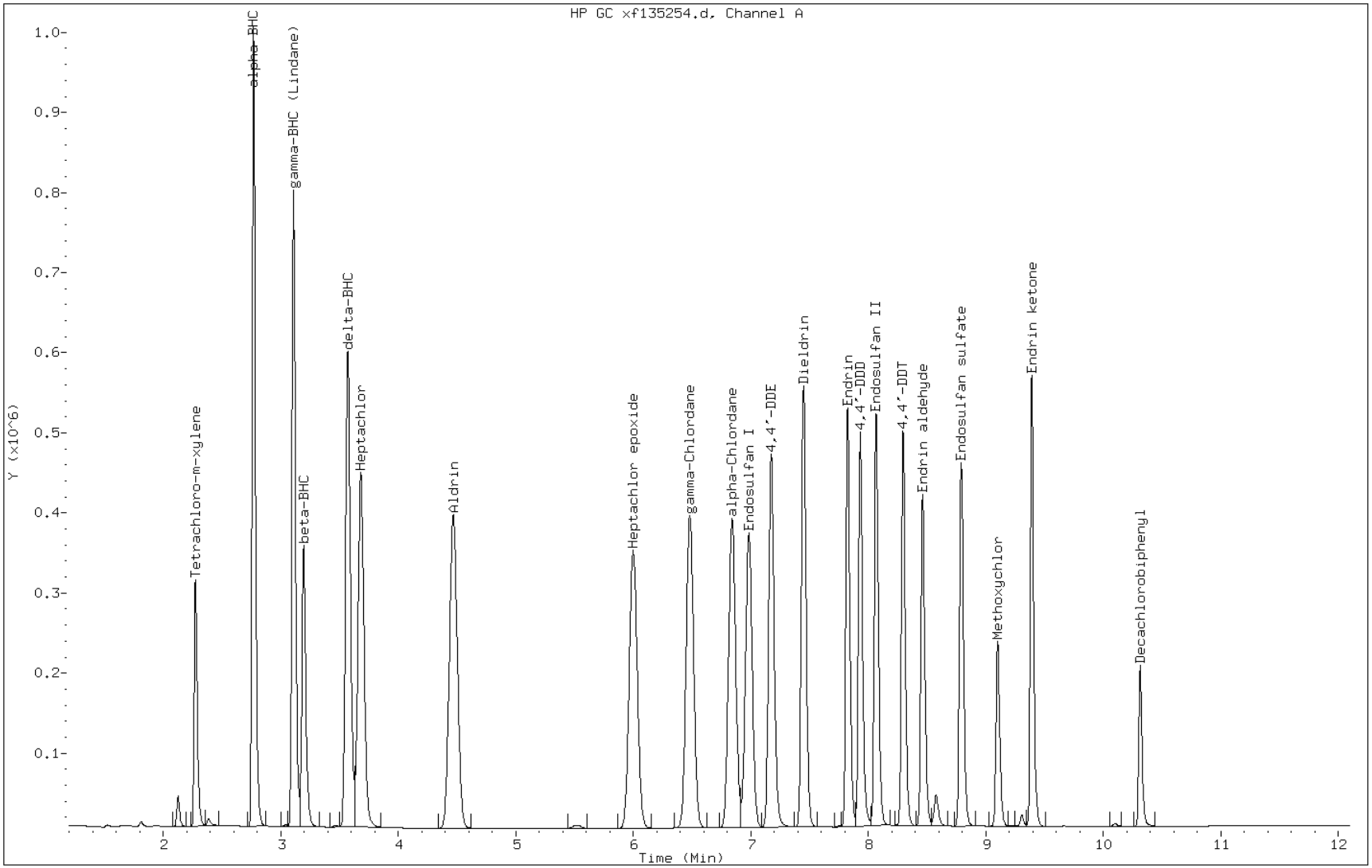
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135254.d

Date: 21-JUN-2012 08:02

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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16115

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xr135251.d
Level 2	IC 460-116949/7	xr135252.d
Level 3	IC 460-116949/5	xr135250.d
Level 4	IC 460-116949/8	xr135253.d
Level 5	IC 460-116949/9	xr135254.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)	2.493	2.490	2.490	2.490	2.490						2.440 - 2.540	2.491
beta-BHC	2.557	2.557	2.557	2.557	2.557						2.507 - 2.607	2.557
delta-BHC	2.683	2.683	2.683	2.683	2.683						2.633 - 2.733	2.683
Heptachlor	2.850	2.850	2.850	2.850	2.850						2.800 - 2.900	2.850
Aldrin	3.113	3.113	3.113	3.113	3.113						3.063 - 3.163	3.113
Heptachlor epoxide	3.917	3.913	3.913	3.917	3.913						3.843 - 3.983	3.915
gamma-Chlordane	4.213	4.210	4.210	4.213	4.210						4.140 - 4.280	4.211
alpha-Chlordane	4.523	4.520	4.520	4.520	4.520						4.450 - 4.590	4.521
4,4'-DDE	4.727	4.723	4.723	4.727	4.723						4.653 - 4.793	4.725
Endosulfan I	4.827	4.823	4.827	4.827	4.823						4.757 - 4.897	4.825
Dieldrin	5.427	5.423	5.423	5.423	5.423						5.353 - 5.493	5.424
Endrin	6.010	6.010	6.010	6.010	6.007						5.940 - 6.080	6.009
4,4'-DDD	6.207	6.203	6.207	6.207	6.203						6.137 - 6.277	6.205
Endosulfan II	6.557	6.553	6.557	6.557	6.553						6.487 - 6.627	6.555
4,4'-DDT	6.873	6.870	6.873	6.873	6.870						6.803 - 6.943	6.872
Endrin aldehyde	7.367	7.363	7.363	7.363	7.363						7.293 - 7.433	7.364
Methoxychlor	7.650	7.650	7.650	7.650	7.647						7.580 - 7.720	7.649
Endosulfan sulfate	7.877	7.877	7.877	7.877	7.877						7.807 - 7.947	7.877
Endrin ketone	8.190	8.187	8.187	8.187	8.187						8.117 - 8.257	8.187
Tetrachloro-m-xylene	1.883	1.880	1.880	1.883	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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16115

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xr135251.d
Level 2	IC 460-116949/7	xr135252.d
Level 3	IC 460-116949/5	xr135250.d
Level 4	IC 460-116949/8	xr135253.d
Level 5	IC 460-116949/9	xr135254.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	9161.3 5884.5	7931.8	6922.2	6648.7	Ave		7309.70720				17.4		20.0			
gamma-BHC (Lindane)	8363.6 5104.8	7009.4	6094.8	5789.4	Ave		6472.40120				19.5		20.0			
beta-BHC	4048.1 2565.7	3460.4	2990.3	2892.6	Ave		3191.43320				18.1		20.0			
delta-BHC	7821.2 5193.9	6744.9	5969.4	5841.2	Ave		6314.10840				15.9		20.0			
Heptachlor	7833.5 4731.3	6670.6	5857.2	5403.2	Ave		6099.15680				19.7		20.0			
Aldrin	7434.3 4838.8	6656.2	5796.7	5495.7	Ave		6044.33320				16.8		20.0			
Heptachlor epoxide	8243.5 5115.3	7361.0	6454.6	5874.0	Ave		6609.70160				18.6		20.0			
gamma-Chlordane	8017.2 5652.8	7421.4	6595.5	6247.7	Ave		6786.91400				13.8		20.0			
alpha-Chlordane	7708.0 5330.4	6939.2	6176.5	5870.5	Ave		6404.92040				14.6		20.0			
4,4'-DDE	6841.5 5083.4	6406.4	5883.8	5591.4	Ave		5961.28560				11.5		20.0			
Endosulfan I	7258.0 4969.6	6727.8	5913.6	5609.0	Ave		6095.60240				14.9		20.0			
Dieldrin	7094.9 5267.7	6861.1	6144.6	5838.7	Ave		6241.37760				12.0		20.0			
Endrin	6324.8 4649.1	6006.3	5578.3	5182.1	Ave		5548.11720				11.9		20.0			
4,4'-DDD	5110.6 4424.9	5158.6	4848.9	4829.0	Ave		4874.40040				6.0		20.0			
Endosulfan II	6484.0 4440.7	5856.9	5187.6	4946.6	Ave		5383.15320				14.8		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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16115

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	5626.4 4571.0	5540.4	5108.3	4923.4	Ave		5153.89520				8.5		20.0			
Endrin aldehyde	4536.2 3061.4	3937.6	3497.0	3323.9	Ave		3671.20600				15.8		20.0			
Methoxychlor	2692.6 1809.8	2394.0	2105.7	1972.1	Ave		2194.83720				16.0		20.0			
Endosulfan sulfate	4471.4 3028.9	3864.4	3457.6	3283.6	Ave		3621.16240				15.6		20.0			
Endrin ketone	4868.8 3279.5	4215.8	3784.6	3566.7	Ave		3943.08520				15.7		20.0			
Tetrachloro-m-xylene	6274.0 4953.6	5761.8	5120.8	5381.2	Ave		5498.26933				9.6		20.0			
DCB Decachlorobiphenyl	4318.1 3309.3	3921.1	3517.7	3459.9	Ave		3705.21600				11.1		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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 07:07 Calibration End Date: 06/21/2012 08:02 Calibration ID: 16115

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/6	xr135251.d
Level 2	IC 460-116949/7	xr135252.d
Level 3	IC 460-116949/5	xr135250.d
Level 4	IC 460-116949/8	xr135253.d
Level 5	IC 460-116949/9	xr135254.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	91613	396591	692222	1662186	2942226	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	83636	350471	609484	1447347	2552379	10.0	50.0	100	250	500
beta-BHC	Ave	40481	173021	299032	723160	1282843	10.0	50.0	100	250	500
delta-BHC	Ave	78212	337244	596935	1460312	2596932	10.0	50.0	100	250	500
Heptachlor	Ave	78335	333530	585718	1350799	2365654	10.0	50.0	100	250	500
Aldrin	Ave	74343	332810	579671	1373915	2419398	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	82435	368052	645462	1468510	2557654	10.0	50.0	100	250	500
gamma-Chlordane	Ave	80172	371070	659552	1561914	2826397	10.0	50.0	100	250	500
alpha-Chlordane	Ave	77080	346962	617646	1467629	2665193	10.0	50.0	100	250	500
4,4'-DDE	Ave	68415	320319	588378	1397838	2541708	10.0	50.0	100	250	500
Endosulfan I	Ave	72580	336388	591361	1402249	2484823	10.0	50.0	100	250	500
Dieldrin	Ave	70949	343053	614461	1459664	2633831	10.0	50.0	100	250	500
Endrin	Ave	63248	300313	557831	1295523	2324562	10.0	50.0	100	250	500
4,4'-DDD	Ave	51106	257931	484888	1207240	2212471	10.0	50.0	100	250	500
Endosulfan II	Ave	64840	292844	518755	1236655	2220358	10.0	50.0	100	250	500
4,4'-DDT	Ave	56264	277020	510829	1230857	2285479	10.0	50.0	100	250	500
Endrin aldehyde	Ave	45362	196878	349698	830981	1530683	10.0	50.0	100	250	500
Methoxychlor	Ave	26926	119701	210570	493018	904897	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	44714	193218	345756	820892	1514462	10.0	50.0	100	250	500
Endrin ketone	Ave	48688	210788	378464	891677	1639759	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	156849	288091	512081	807178	990714	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	107953	196054	351773	518979	661858	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: xr135250.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135250.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 21-JUN-2012 07:07
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	512081	100.000	93	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	692222	100.000	95	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	609484	100.000	94	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	299032	100.000	94	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	596935	100.000	94	80.00- 120.00		100.00

Data File: xr135250.d
Report Date: 21-Jun-2012 09:53

				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	2.850	0.000	585718	100.000	96	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.113	3.113	0.000	579671	100.000	96	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.913	3.913	0.000	645462	100.000	98	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.210	4.210	0.000	659552	100.000	97	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.520	4.520	0.000	617646	100.000	96	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.723	4.723	0.000	588378	100.000	99	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.827	4.827	0.000	591361	100.000	97	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.423	5.423	0.000	614461	100.000	98	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.010	6.010	0.000	557831	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.207	6.207	0.000	484888	100.000	99	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.557	6.557	0.000	518755	100.000	96	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.873	6.873	0.000	510829	100.000	99	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	349698	100.000	95	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.650	0.000	210570	100.000	96	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.877	7.877	0.000	345756	100.000	95	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	378464	100.000	96	80.00- 120.00		100.00

Data File: xr135250.d
Report Date: 21-Jun-2012 09:53

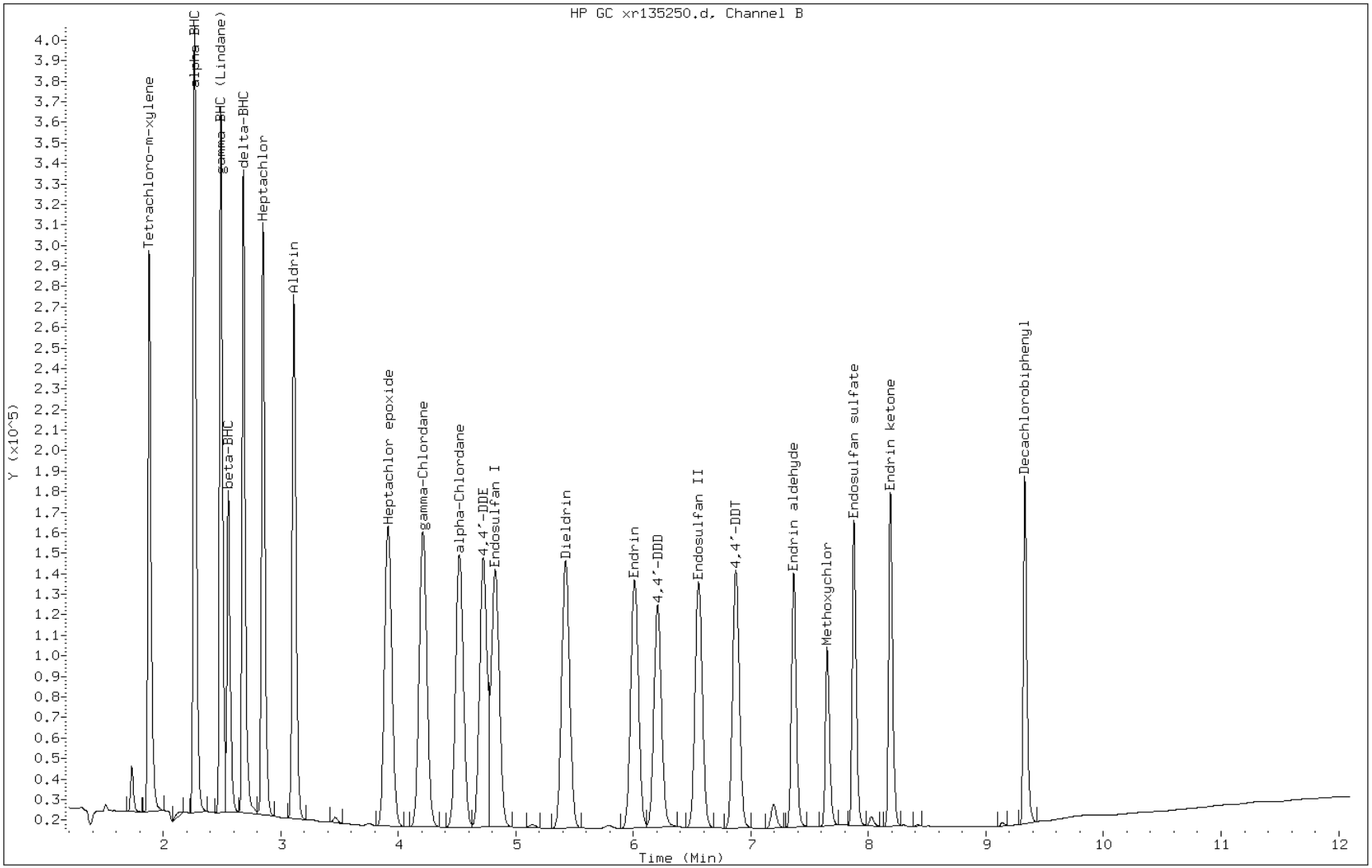
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	351773	100.000	95	80.00- 120.00	100.00

Data File: xr135250.d

Date: 21-JUN-2012 07:07

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



Data File: xr135251.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135251.d
Lab Smp Id: SGPESTL1_00015
Inj Date : 21-JUN-2012 07:21
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 07:21 Cal File: xr135251.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	156849	25.0000	28	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	91613	10.0000	12	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.493	2.490	0.003	83636	10.0000	13	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	40481	10.0000	13	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	78212	10.0000	12	80.00- 120.00		100.00

Data File: xr135251.d
Report Date: 21-Jun-2012 09:53

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.850	2.850	0.000	78335	10.0000	13	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.113	0.000	74343	10.0000	12	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.917	3.913	0.004	82435	10.0000	12	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.213	4.210	0.003	80172	10.0000	12	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.523	4.520	0.003	77080	10.0000	12	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.727	4.723	0.004	68415	10.0000	11	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.827	4.827	0.000	72580	10.0000	12	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.427	5.423	0.004	70949	10.0000	11	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.010	6.010	0.000	63248	10.0000	11	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.207	6.207	0.000	51106	10.0000	10	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.557	6.557	0.000	64840	10.0000	12	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.873	6.873	0.000	56264	10.0000	11	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.363	0.004	45362	10.0000	12	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	26926	10.0000	12	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.877	7.877	0.000	44714	10.0000	12	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.187	0.003	48688	10.0000	12	80.00- 120.00	100.00

Data File: xr135251.d
Report Date: 21-Jun-2012 09:53

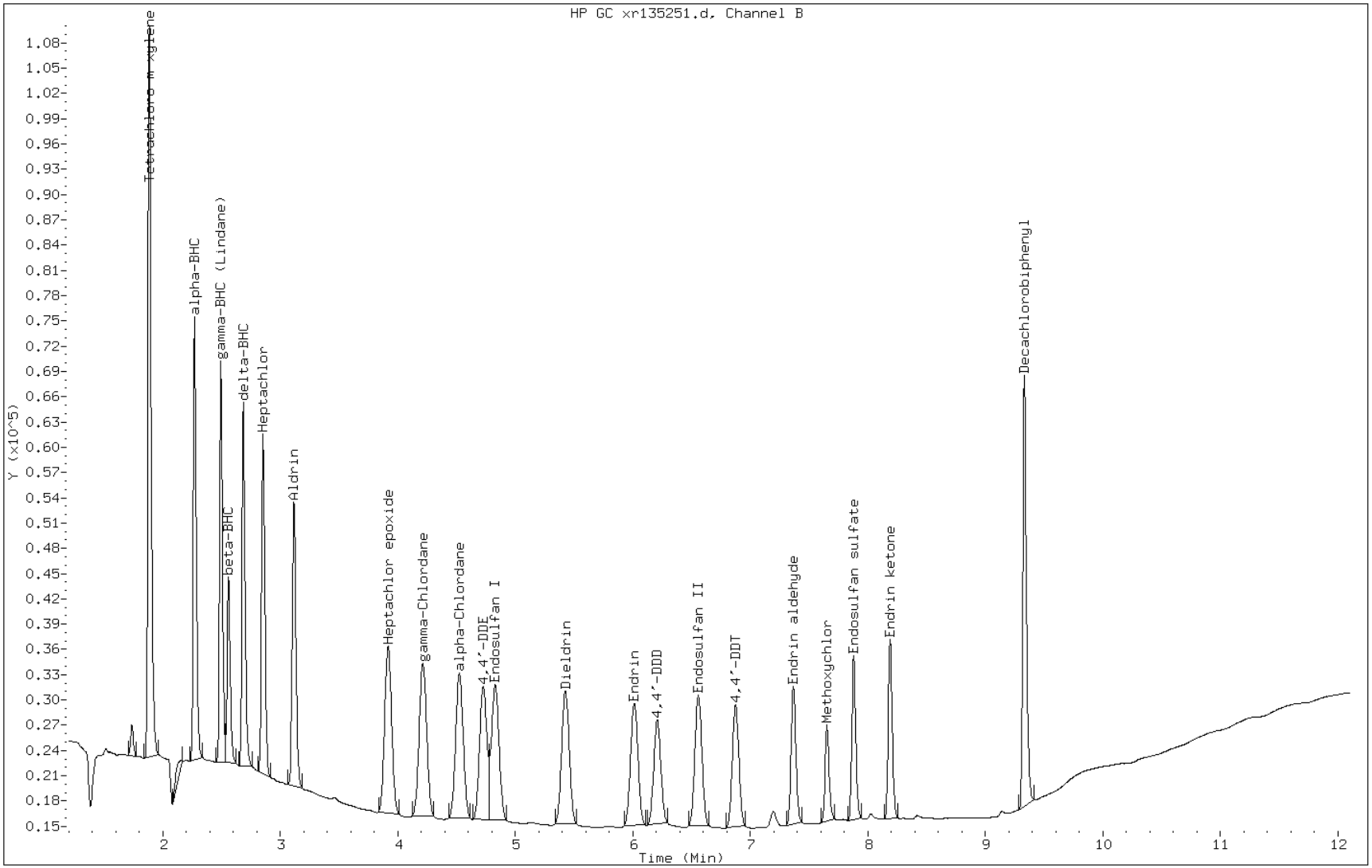
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	107953	25.0000	29	80.00- 120.00	100.00

Data File: xr135251.d

Date: 21-JUN-2012 07:21

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00015 Operator:



Data File: xr135252.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135252.d
Lab Smp Id: SGPESTL2_00012
Inj Date : 21-JUN-2012 07:35
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 07:35 Cal File: xr135252.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	288091	50.0000	52	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	396591	50.0000	54	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	350471	50.0000	54	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	173021	50.0000	54	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	337244	50.0000	53	80.00- 120.00		100.00

Data File: xr135252.d
Report Date: 21-Jun-2012 09:53

				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	2.850	0.000	333530	50.0000	55	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.113	3.113	0.000	332810	50.0000	55	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.913	3.913	0.000	368052	50.0000	56	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.210	4.210	0.000	371070	50.0000	55	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.520	4.520	0.000	346962	50.0000	54	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.723	4.723	0.000	320319	50.0000	54	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.823	4.827	-0.004	336388	50.0000	55	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.423	5.423	0.000	343053	50.0000	55	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.010	6.010	0.000	300313	50.0000	54	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.203	6.207	-0.004	257931	50.0000	53	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.553	6.557	-0.004	292844	50.0000	54	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.870	6.873	-0.003	277020	50.0000	54	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.363	7.363	0.000	196878	50.0000	54	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.650	0.000	119701	50.0000	54	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.877	7.877	0.000	193218	50.0000	53	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.187	8.187	0.000	210788	50.0000	53	80.00- 120.00		100.00

Data File: xr135252.d
Report Date: 21-Jun-2012 09:53

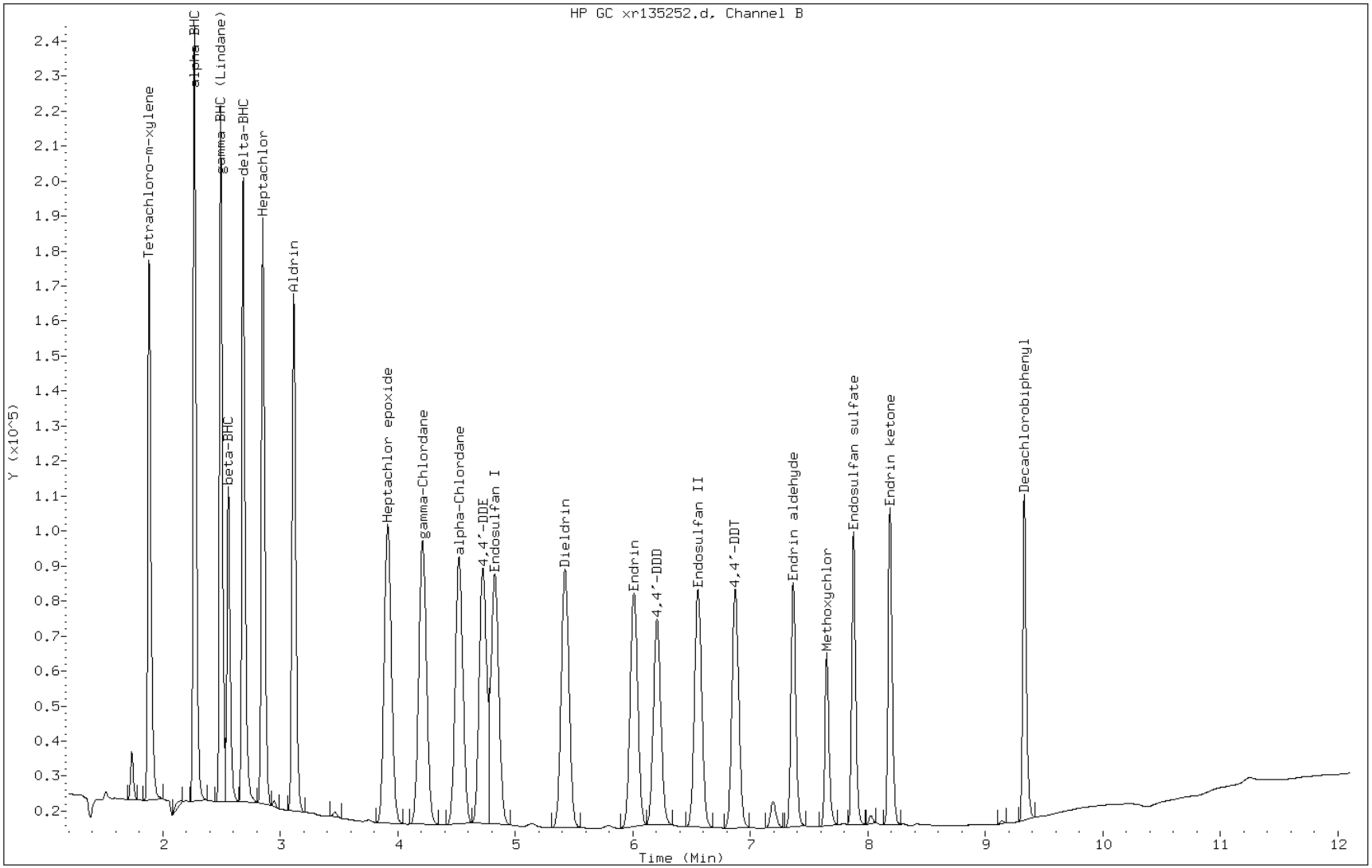
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	196054	50.0000	53	80.00- 120.00	100.00

Data File: xr135252.d

Date: 21-JUN-2012 07:35

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00012 Operator:



Data File: xr135253.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135253.d
Lab Smp Id: SGPESTL4_00012
Inj Date : 21-JUN-2012 07:49
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 07:49 Cal File: xr135253.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			
1.883	1.880	0.003	807178	150.000	150	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	1662186	250.000	230	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	1447347	250.000	220	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	723160	250.000	230	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	1460312	250.000	230	80.00- 120.00		100.00

Data File: xr135253.d
Report Date: 21-Jun-2012 09:53

				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	2.850	0.000	1350799	250.000	220	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
3.113	3.113	0.000	1373915	250.000	230	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
3.917	3.913	0.004	1468510	250.000	220	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
4.213	4.210	0.003	1561914	250.000	230	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
4.520	4.520	0.000	1467629	250.000	230	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
4.727	4.723	0.004	1397838	250.000	230	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
4.827	4.827	0.000	1402249	250.000	230	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
5.423	5.423	0.000	1459664	250.000	230	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.010	6.010	0.000	1295523	250.000	230	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.207	6.207	0.000	1207240	250.000	250	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.557	6.557	0.000	1236655	250.000	230	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.873	6.873	0.000	1230857	250.000	240	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.363	7.363	0.000	830981	250.000	230	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.650	7.650	0.000	493018	250.000	220	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.877	7.877	0.000	820892	250.000	230	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.187	8.187	0.000	891677	250.000	230	80.00- 120.00	100.00

Data File: xr135253.d
Report Date: 21-Jun-2012 09:53

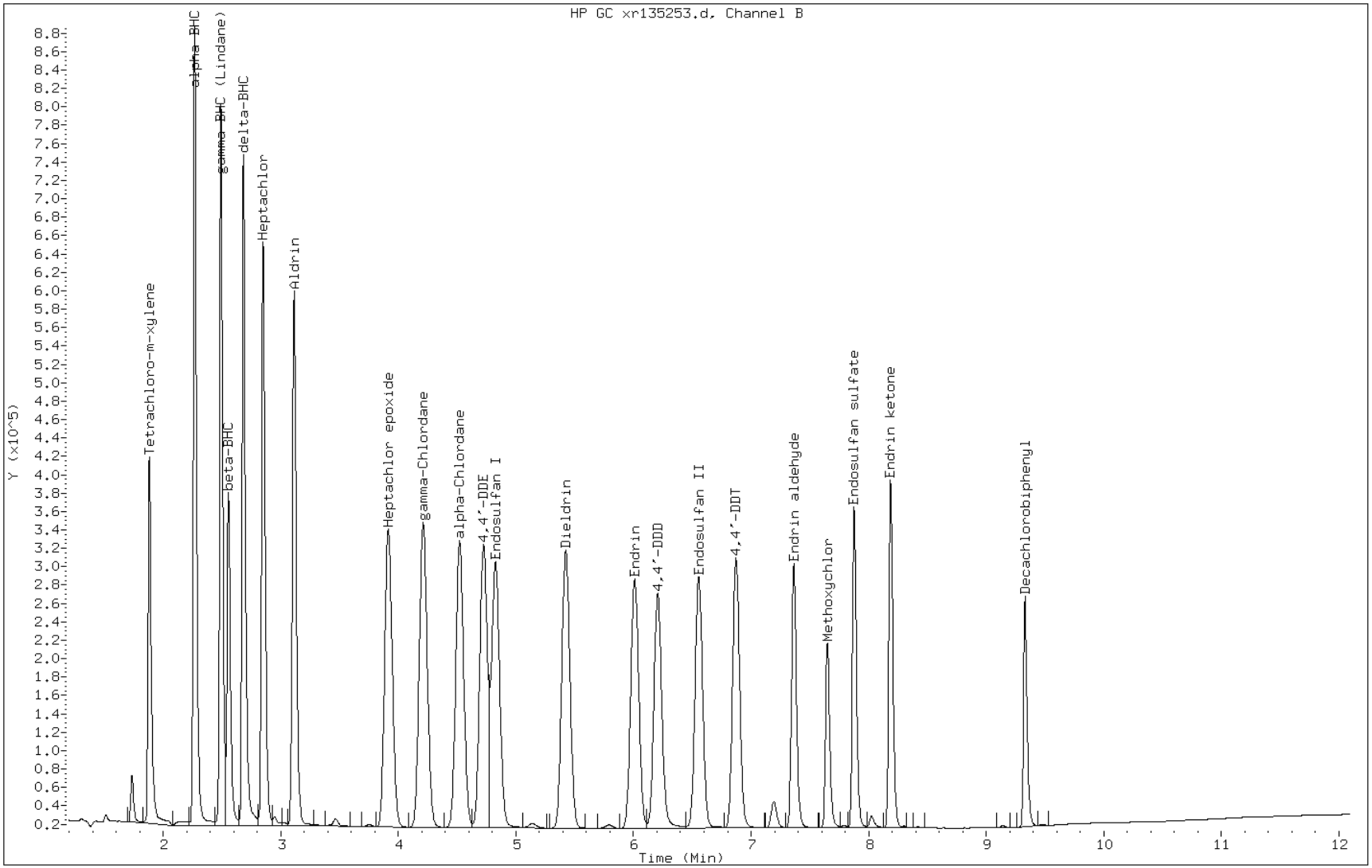
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	518979	150.000	140	80.00- 120.00	100.00

Data File: xr135253.d

Date: 21-JUN-2012 07:49

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00012 Operator:



Data File: xr135254.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135254.d
Lab Smp Id: SGPESTL5_00012
Inj Date : 21-JUN-2012 08:02
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:02 Cal File: xr135254.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	990714	200.000	180	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.267	0.000	2942226	500.000	400	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.490	0.000	2552379	500.000	390	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	1282843	500.000	400	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	2596932	500.000	410	80.00- 120.00		100.00

Data File: xr135254.d
Report Date: 21-Jun-2012 09:53

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
2.850	2.850	0.000	2365654	500.000	390	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
3.113	3.113	0.000	2419398	500.000	400	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
3.913	3.913	0.000	2557654	500.000	390	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
4.210	4.210	0.000	2826397	500.000	420	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
4.520	4.520	0.000	2665193	500.000	420	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
4.723	4.723	0.000	2541708	500.000	430	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
4.823	4.827	-0.004	2484823	500.000	410	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
5.423	5.423	0.000	2633831	500.000	420	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.007	6.010	-0.003	2324562	500.000	420	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.203	6.207	-0.004	2212471	500.000	450	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.553	6.557	-0.004	2220358	500.000	410	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.870	6.873	-0.003	2285479	500.000	440	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.363	7.363	0.000	1530683	500.000	420	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.647	7.650	-0.003	904897	500.000	410	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.877	7.877	0.000	1514462	500.000	420	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.187	8.187	0.000	1639759	500.000	420	80.00- 120.00	100.00

Data File: xr135254.d
Report Date: 21-Jun-2012 09:53

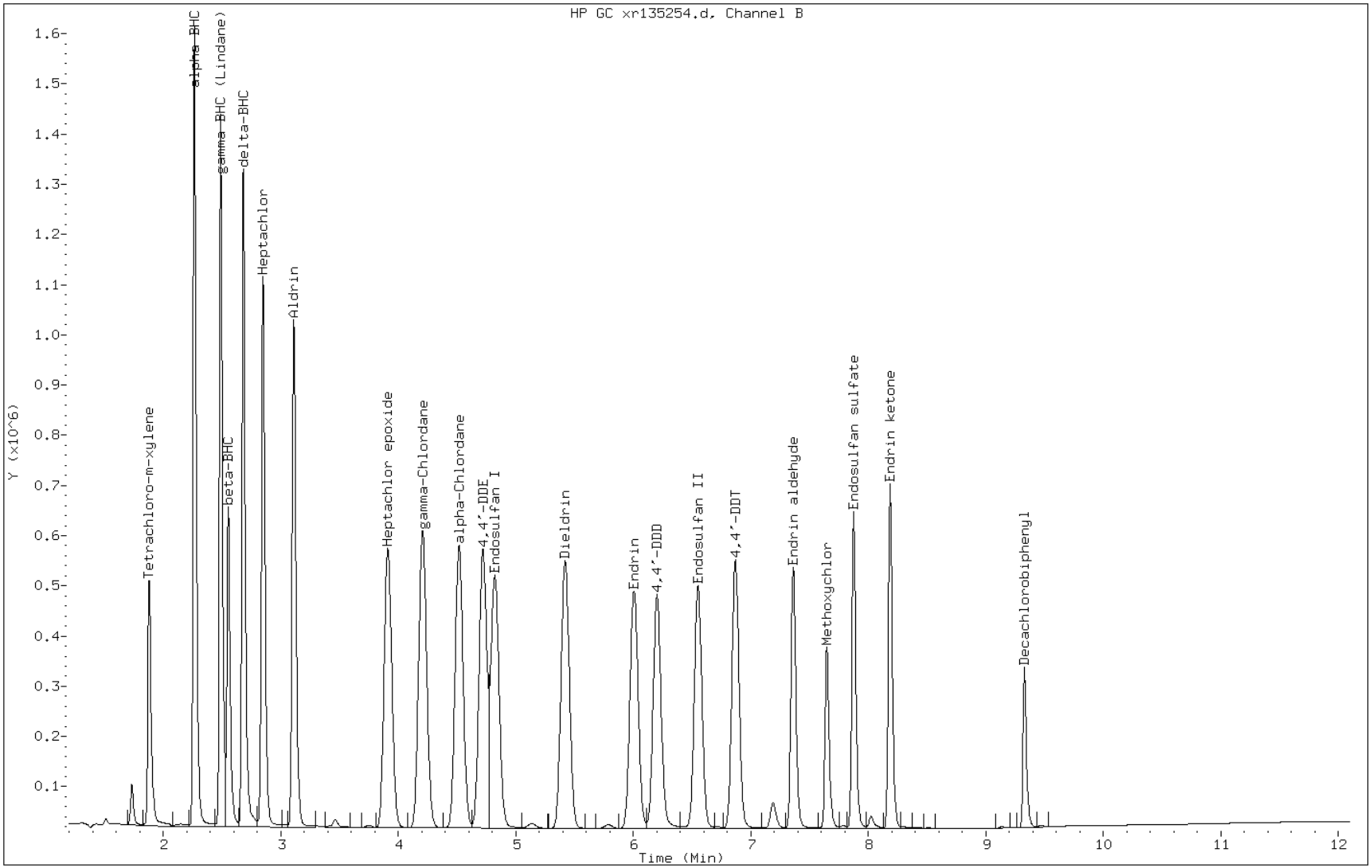
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	661858	200.000	180	80.00- 120.00	100.00

Data File: xr135254.d

Date: 21-JUN-2012 08:02

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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xf135255.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	4.853										4.783 - 4.923	4.853
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	7.917										7.847 - 7.987	7.917
Chlordane (technical) Peak 8	8.127										8.057 - 8.197	8.127

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xf135255.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	148.19				Ave		148.193000						20.0			
Chlordane (technical) Peak	188.79				Ave		188.793000						20.0			
Chlordane (technical) Peak	162.15				Ave		162.151000						20.0			
Chlordane (technical) Peak	472.55				Ave		472.549000						20.0			
Chlordane (technical) Peak	379.21				Ave		379.207000						20.0			
Chlordane (technical) Peak	399.53				Ave		399.533000						20.0			
Chlordane (technical) Peak	86.070				Ave		86.0700000						20.0			
Chlordane (technical) Peak	128.56				Ave		128.559000						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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xf135255.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	148193					1000				
Chlordane (technical) Peak 2	Ave	188793					1000				
Chlordane (technical) Peak 3	Ave	162151					1000				
Chlordane (technical) Peak 4	Ave	472549					1000				
Chlordane (technical) Peak 5	Ave	379207					1000				
Chlordane (technical) Peak 6	Ave	399533					1000				
Chlordane (technical) Peak 7	Ave	86070					1000				
Chlordane (technical) Peak 8	Ave	128559					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135255.d
Lab Smp Id: SGCHORL3_00010
Inj Date : 21-JUN-2012 08:16
Operator : Inst ID: PESTGC1.i
Smp Info : SGCHORL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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	148193	1000.00	1000	80.00-	120.00	100.00(a)
3.683	3.683	0.000	188793	1000.00	1000	101.92-	152.88	127.40
4.853	4.853	0.000	162151	1000.00	1000	87.54-	131.30	109.42
6.483	6.483	0.000	472549	1000.00	1000	255.10-	382.65	318.87
6.710	6.710	0.000	379207	1000.00	1000	204.71-	307.06	255.89
6.843	6.843	0.000	399533	1000.00	1000	215.68-	323.52	269.60
7.917	7.917	0.000	86070	1000.00	1000	46.46-	69.70	58.08
8.127	8.127	0.000	128559	1000.00	1000	69.40-	104.10	86.75
Average of Peak Amounts =					1e+03			

QC Flag Legend

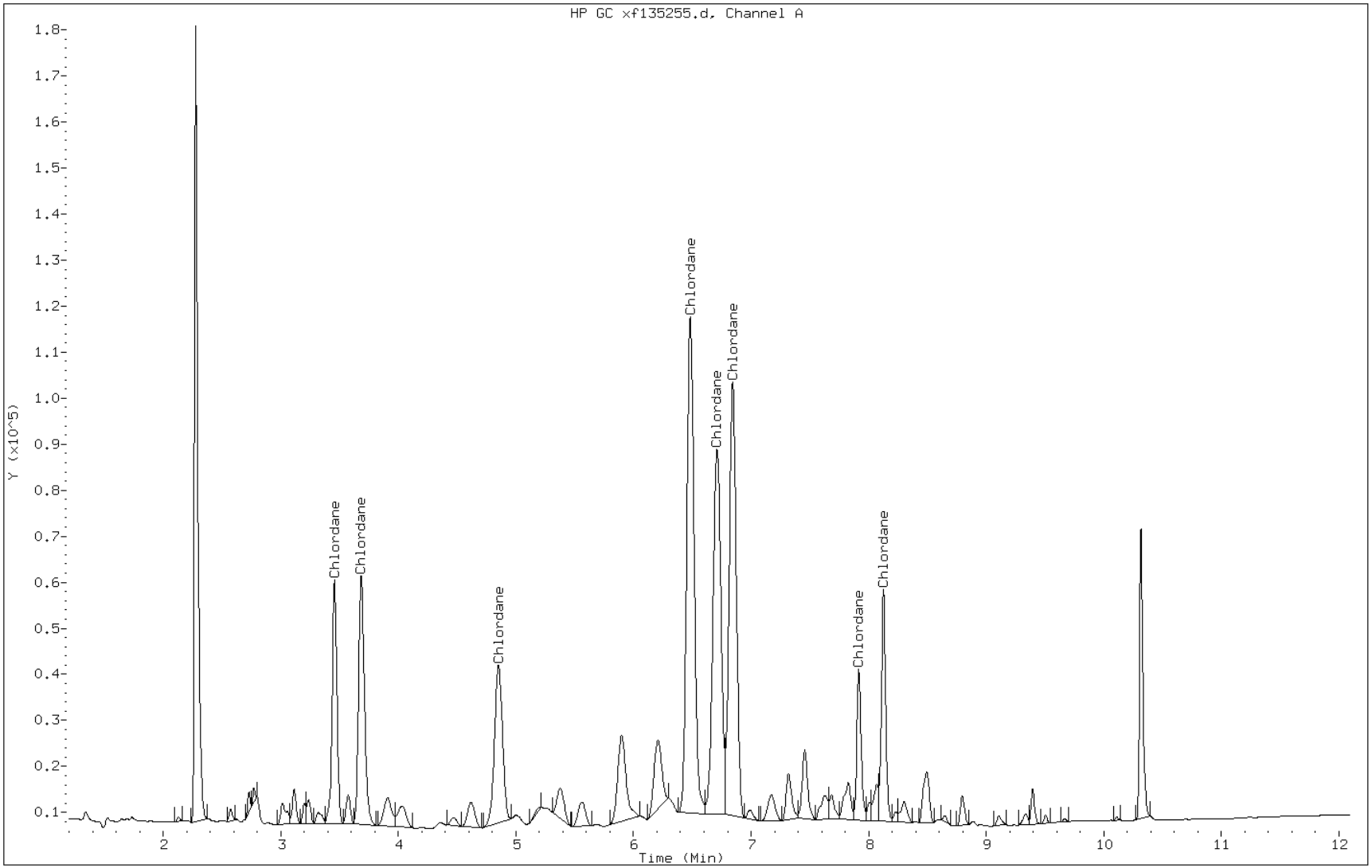
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135255.d

Date: 21-JUN-2012 08:16

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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xr135255.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	3.783										3.713 - 3.853	3.783
Chlordane (technical) Peak 5	4.213										4.143 - 4.283	4.213
Chlordane (technical) Peak 6	4.507										4.437 - 4.577	4.507
Chlordane (technical) Peak 7	6.127										6.057 - 6.197	6.127
Chlordane (technical) Peak 8	6.397										6.327 - 6.467	6.397

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xr135255.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	251.44				Ave		251.439000						20.0			
Chlordane (technical) Peak	362.43				Ave		362.430000						20.0			
Chlordane (technical) Peak	310.58				Ave		310.578000						20.0			
Chlordane (technical) Peak	159.56				Ave		159.564000						20.0			
Chlordane (technical) Peak	916.47				Ave		916.468000						20.0			
Chlordane (technical) Peak	1338.5				Ave		1338.49400						20.0			
Chlordane (technical) Peak	223.91				Ave		223.905000						20.0			
Chlordane (technical) Peak	270.94				Ave		270.944000						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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:16 Calibration End Date: 06/21/2012 08:16 Calibration ID: 16116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/10	xr135255.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	251439					1000				
Chlordane (technical) Peak 2	Ave	362430					1000				
Chlordane (technical) Peak 3	Ave	310578					1000				
Chlordane (technical) Peak 4	Ave	159564					1000				
Chlordane (technical) Peak 5	Ave	916468					1000				
Chlordane (technical) Peak 6	Ave	1338494					1000				
Chlordane (technical) Peak 7	Ave	223905					1000				
Chlordane (technical) Peak 8	Ave	270944					1000				

Curve Type Legend:
Ave = Average

Data File: xr135255.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135255.d
Lab Smp Id: SGCHORL3_00010
Inj Date : 21-JUN-2012 08:16
Operator : Inst ID: PESTGC1.i
Smp Info : SGCHORL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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

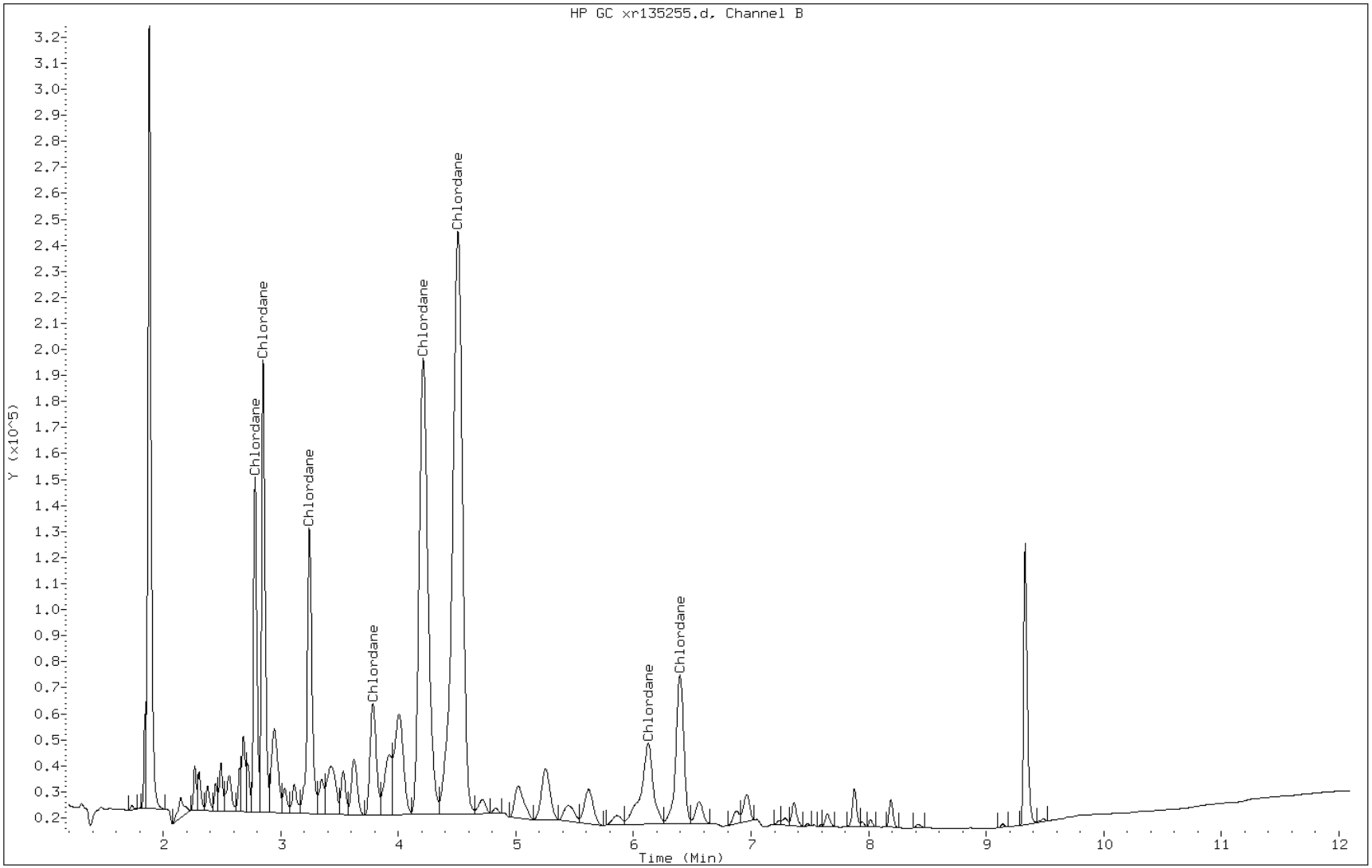
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
2.780	2.780	0.000	251439	1000.00	1000	80.00- 120.00	100.00
2.850	2.850	0.000	362430	1000.00	1000	115.31- 172.97	144.14
3.243	3.243	0.000	310578	1000.00	1000	98.82- 148.22	123.52
3.783	3.783	0.000	159564	1000.00	1000	50.77- 76.15	63.46
4.213	4.213	0.000	916468	1000.00	1000	291.59- 437.39	364.49
4.507	4.507	0.000	1338494	1000.00	1000	425.87- 638.80	532.33
6.127	6.127	0.000	223905	1000.00	1000	71.24- 106.86	89.05
6.397	6.397	0.000	270944	1000.00	1000	86.21- 129.31	107.76
Average of Peak Amounts =					1e+03		

Data File: xr135255.d

Date: 21-JUN-2012 08:16

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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xf135256.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.163										8.093 - 8.233	8.163
Toxaphene Peak 2	8.470										8.400 - 8.540	8.470
Toxaphene Peak 3	8.730										8.660 - 8.800	8.730
Toxaphene Peak 4	8.783										8.713 - 8.853	8.783
Toxaphene Peak 5	9.083										9.013 - 9.153	9.083
Toxaphene Peak 6	9.160										9.090 - 9.230	9.160
Toxaphene Peak 7	9.480										9.410 - 9.550	9.480
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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xf135256.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	107.02				Ave		107.017000						20.0			
Toxaphene Peak 2	112.64				Ave		112.640000						20.0			
Toxaphene Peak 3	82.669				Ave		82.6690000						20.0			
Toxaphene Peak 4	77.562				Ave		77.5620000						20.0			
Toxaphene Peak 5	158.71				Ave		158.705000						20.0			
Toxaphene Peak 6	145.84				Ave		145.843000						20.0			
Toxaphene Peak 7	100.50				Ave		100.499000						20.0			
Toxaphene Peak 8	108.55				Ave		108.552000						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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xf135256.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	107017					1000				
Toxaphene Peak 2	Ave	112640					1000				
Toxaphene Peak 3	Ave	82669					1000				
Toxaphene Peak 4	Ave	77562					1000				
Toxaphene Peak 5	Ave	158705					1000				
Toxaphene Peak 6	Ave	145843					1000				
Toxaphene Peak 7	Ave	100499					1000				
Toxaphene Peak 8	Ave	108552					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/xf135256.d
Lab Smp Id: SGTOXL3_00013
Inj Date : 21-JUN-2012 08:30
Operator : Inst ID: PESTGC1.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12a.b/09Xf8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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			
8.163	8.163	0.000	107017	1000.00	1000	80.00-	120.00	100.00(a)
8.470	8.470	0.000	112640	1000.00	1000	84.20-	126.31	105.25
8.730	8.730	0.000	82669	1000.00	1000	61.80-	92.70	77.25
8.783	8.783	0.000	77562	1000.00	1000	57.98-	86.97	72.48
9.083	9.083	0.000	158705	1000.00	1000	118.64-	177.96	148.30
9.160	9.160	0.000	145843	1000.00	1000	109.02-	163.54	136.28
9.480	9.480	0.000	100499	1000.00	1000	75.13-	112.69	93.91
9.620	9.620	0.000	108552	1000.00	1000	81.15-	121.72	101.43
Average of Peak Amounts =					1e+03			

QC Flag Legend

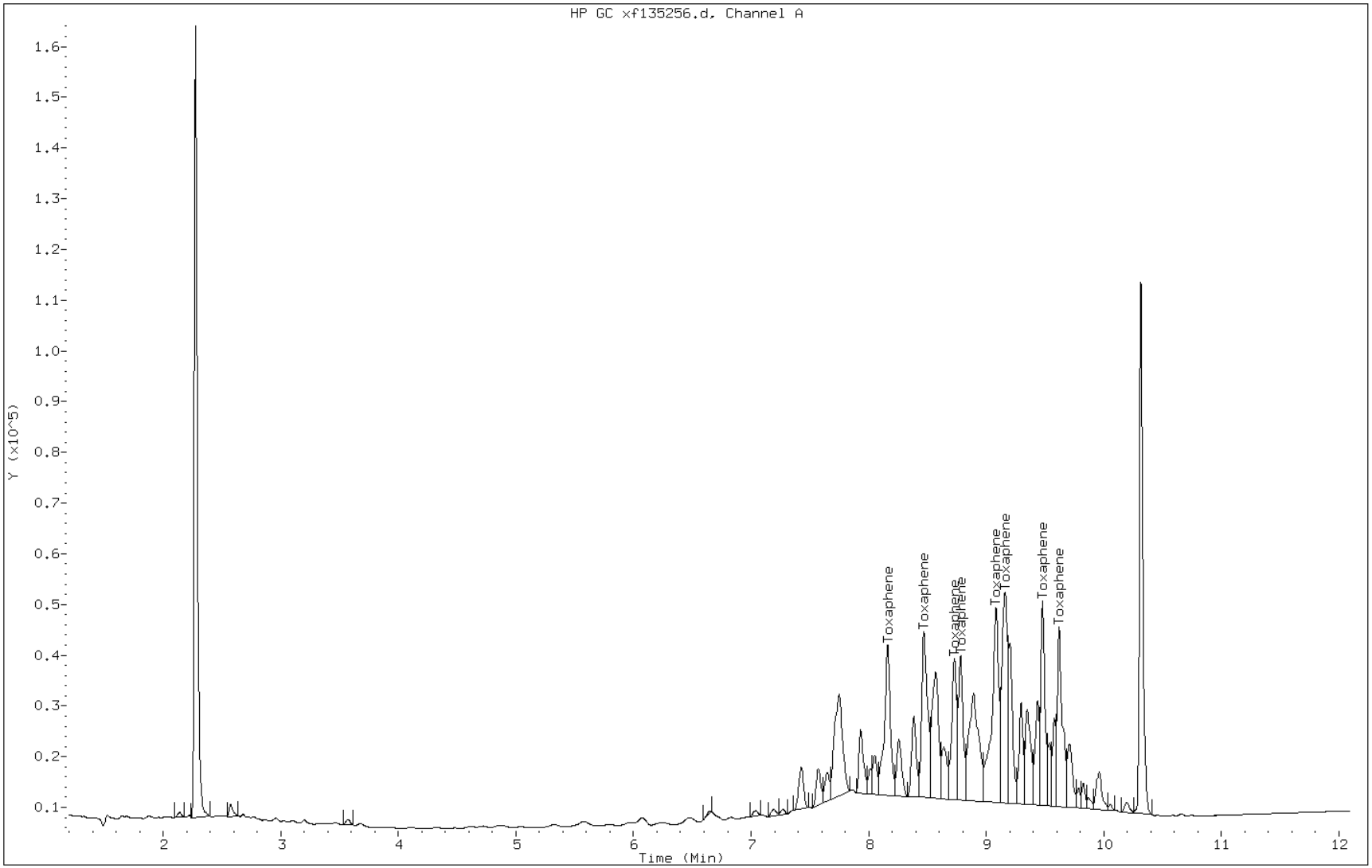
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135256.d

Date: 21-JUN-2012 08:30

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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xr135256.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.330										7.260 - 7.400	7.330
Toxaphene Peak 2	7.507										7.437 - 7.577	7.507
Toxaphene Peak 3	7.767										7.697 - 7.837	7.767
Toxaphene Peak 4	7.867										7.797 - 7.937	7.867
Toxaphene Peak 5	7.960										7.890 - 8.030	7.960
Toxaphene Peak 6	8.037										7.967 - 8.107	8.037
Toxaphene Peak 7	8.170										8.100 - 8.240	8.170
Toxaphene Peak 8	8.343										8.273 - 8.413	8.343

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xr135256.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	258.76				Ave		258.760000						20.0			
Toxaphene Peak 2	332.54				Ave		332.540000						20.0			
Toxaphene Peak 3	251.44				Ave		251.440000						20.0			
Toxaphene Peak 4	423.76				Ave		423.755000						20.0			
Toxaphene Peak 5	115.65				Ave		115.654000						20.0			
Toxaphene Peak 6	126.08				Ave		126.075000						20.0			
Toxaphene Peak 7	245.86				Ave		245.855000						20.0			
Toxaphene Peak 8	158.10				Ave		158.101000						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.: 460-41492-1 Analy Batch No.: 116949

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2012 08:30 Calibration End Date: 06/21/2012 08:30 Calibration ID: 16118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116949/11	xr135256.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	258760					1000				
Toxaphene Peak 2	Ave	332540					1000				
Toxaphene Peak 3	Ave	251440					1000				
Toxaphene Peak 4	Ave	423755					1000				
Toxaphene Peak 5	Ave	115654					1000				
Toxaphene Peak 6	Ave	126075					1000				
Toxaphene Peak 7	Ave	245855					1000				
Toxaphene Peak 8	Ave	158101					1000				

Curve Type Legend:
Ave = Average

Data File: xr135256.d
Report Date: 21-Jun-2012 09:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/xr135256.d
Lab Smp Id: SGTOXL3_00013
Inj Date : 21-JUN-2012 08:30
Operator : Inst ID: PESTGC1.i
Smp Info : SGTOXL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b/09Xr8081.m
Meth Date : 21-Jun-2012 09:53 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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

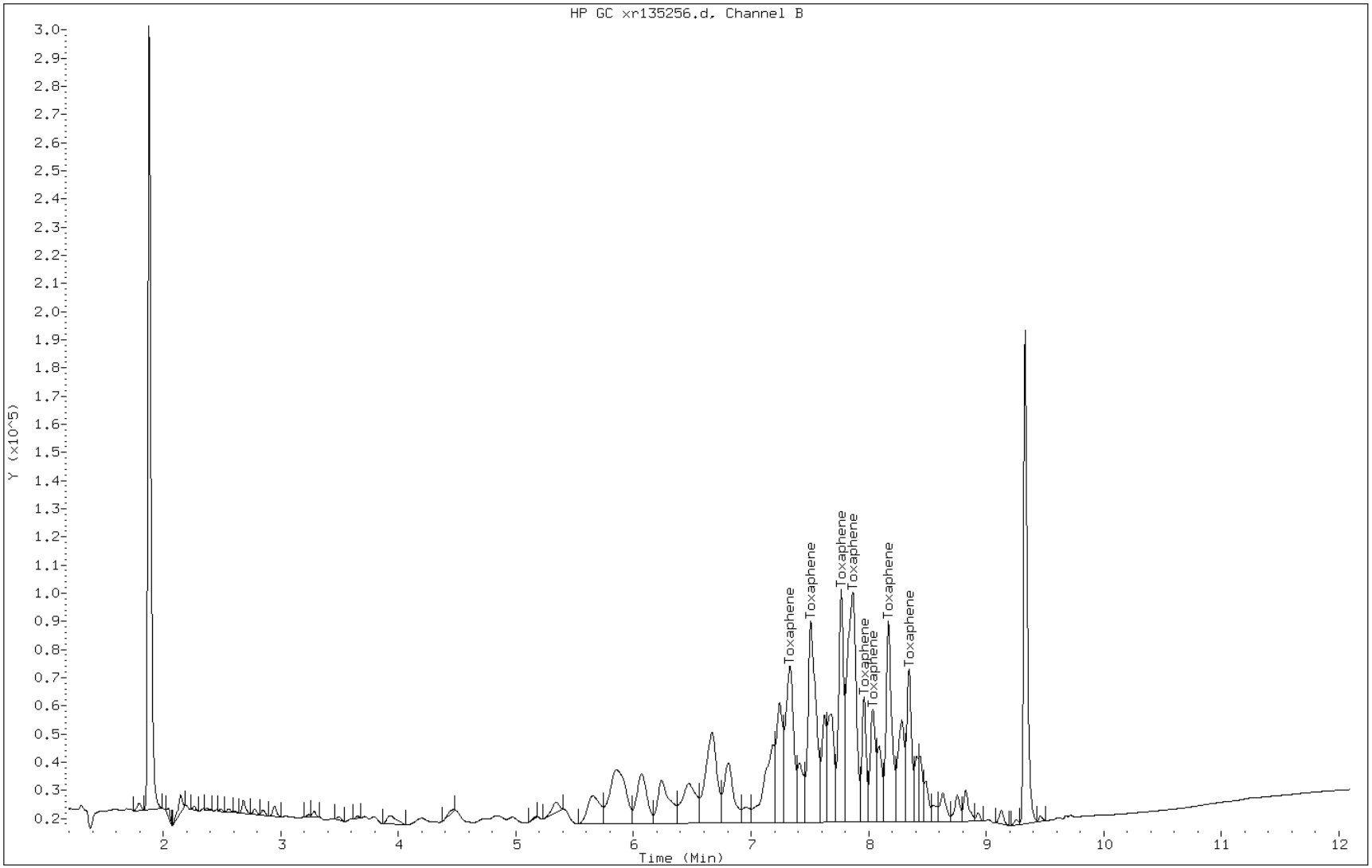
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
20 Toxaphene					CAS #: 8001-35-2		
7.330	7.330	0.000	258760	1000.00	1000	80.00- 120.00	100.00
7.507	7.507	0.000	332540	1000.00	1000	102.81- 154.22	128.51
7.767	7.767	0.000	251440	1000.00	1000	77.74- 116.61	97.17
7.867	7.867	0.000	423755	1000.00	1000	131.01- 196.52	163.76
7.960	7.960	0.000	115654	1000.00	1000	35.76- 53.63	44.70
8.037	8.037	0.000	126075	1000.00	1000	38.98- 58.47	48.72
8.170	8.170	0.000	245855	1000.00	1000	76.01- 114.02	95.01
8.343	8.343	0.000	158101	1000.00	1000	48.88- 73.32	61.10
Average of Peak Amounts =					1e+03		

Data File: xr135256.d

Date: 21-JUN-2012 08:30

Client ID: Instrument: PESTGC1.i

Sample Info: SGTOXL3_00013 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: PEM 460-117101/2 Calibration Date: 06/21/2012 12:01

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135271.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.85	654920	8.49	15	
Endrin aldehyde	8.49	21379			
Endrin ketone	9.41	39400			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.32	538562	10.00	15	
4,4'-DDD	7.96	31721			
4,4'-DDE	7.21	28150			

Data File: xf135271.d
Report Date: 22-Jun-2012 07:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135271.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 21-JUN-2012 12:01
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:43 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.d
Als bottle: 1
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		
7.957	7.937	0.020	31721	12.3374	8.2	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.213	7.180	0.033	28150	8.64166	5.8	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.320	8.300	0.020	538562	228.378	150	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.847	7.830	0.017	654920	240.106	160	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.487	8.467	0.020	21379	9.37490	6.2	80.00- 120.00	100.00(a)

Data File: xf135271.d
Report Date: 22-Jun-2012 07:43

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
9.407	9.393	0.014	39400	15.6862	10	80.00- 120.00	100.00

QC Flag Legend

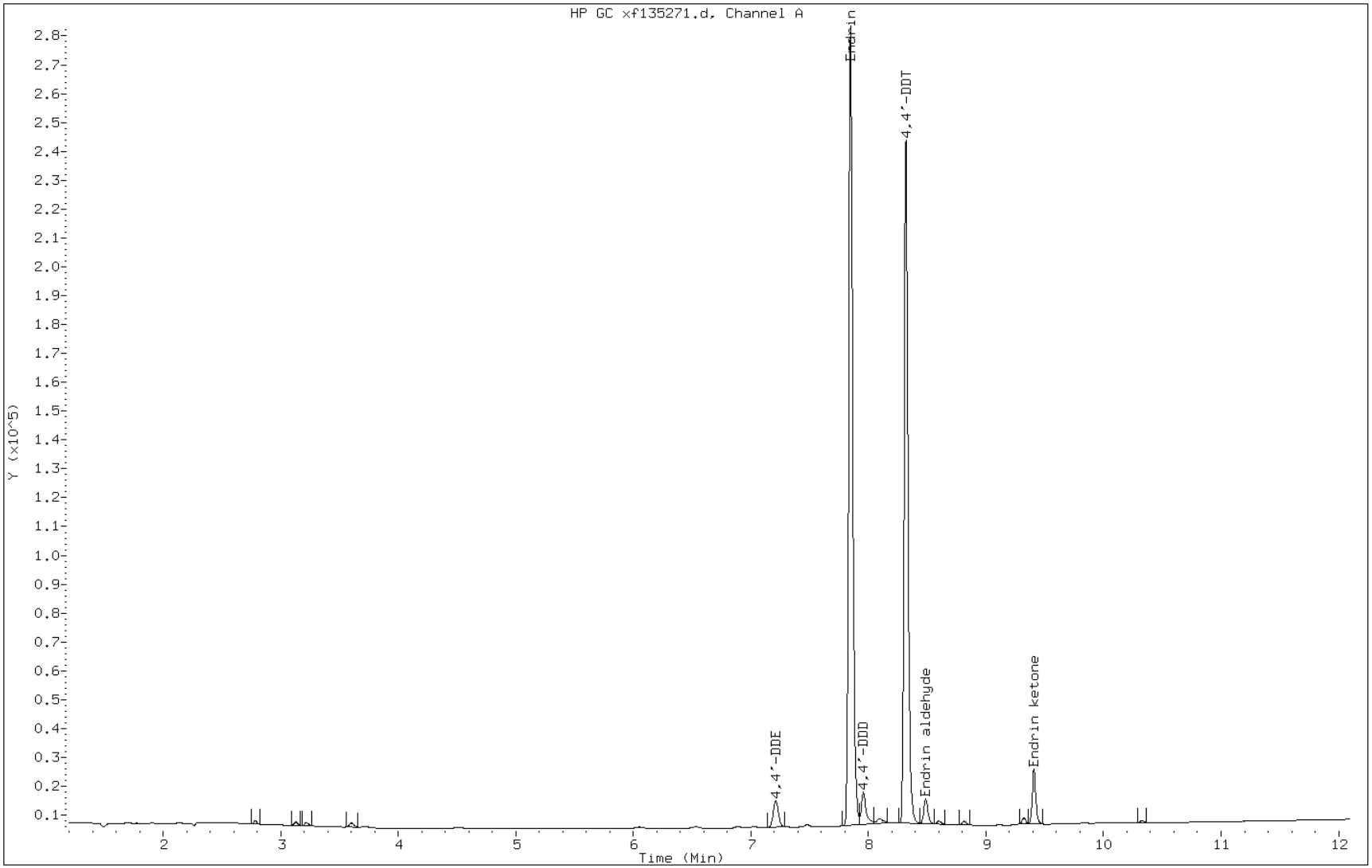
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135271.d

Date: 21-JUN-2012 12:01

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: PEM 460-117101/2 Calibration Date: 06/21/2012 12:01

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135271.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.01	1336034	6.92	15	
Endrin aldehyde	7.37	36449			
Endrin ketone	8.20	62932			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.88	1229628	8.70	15	
4,4'-DDD	6.22	54196			
4,4'-DDE	4.72	63048			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135271.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 21-JUN-2012 12:01
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.d
Als bottle: 1
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		
6.217	6.213	0.004	54196	11.1185	7.4	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.723	4.733	-0.010	63048	10.5762	7.0	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.880	6.877	0.003	1229628	238.582	160	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.013	6.020	-0.007	1336034	240.809	160	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.373	7.367	0.006	36449	9.92835	6.6	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		
8.197	8.190	0.007	62932	15.9601	11	80.00- 120.00	100.00

QC Flag Legend

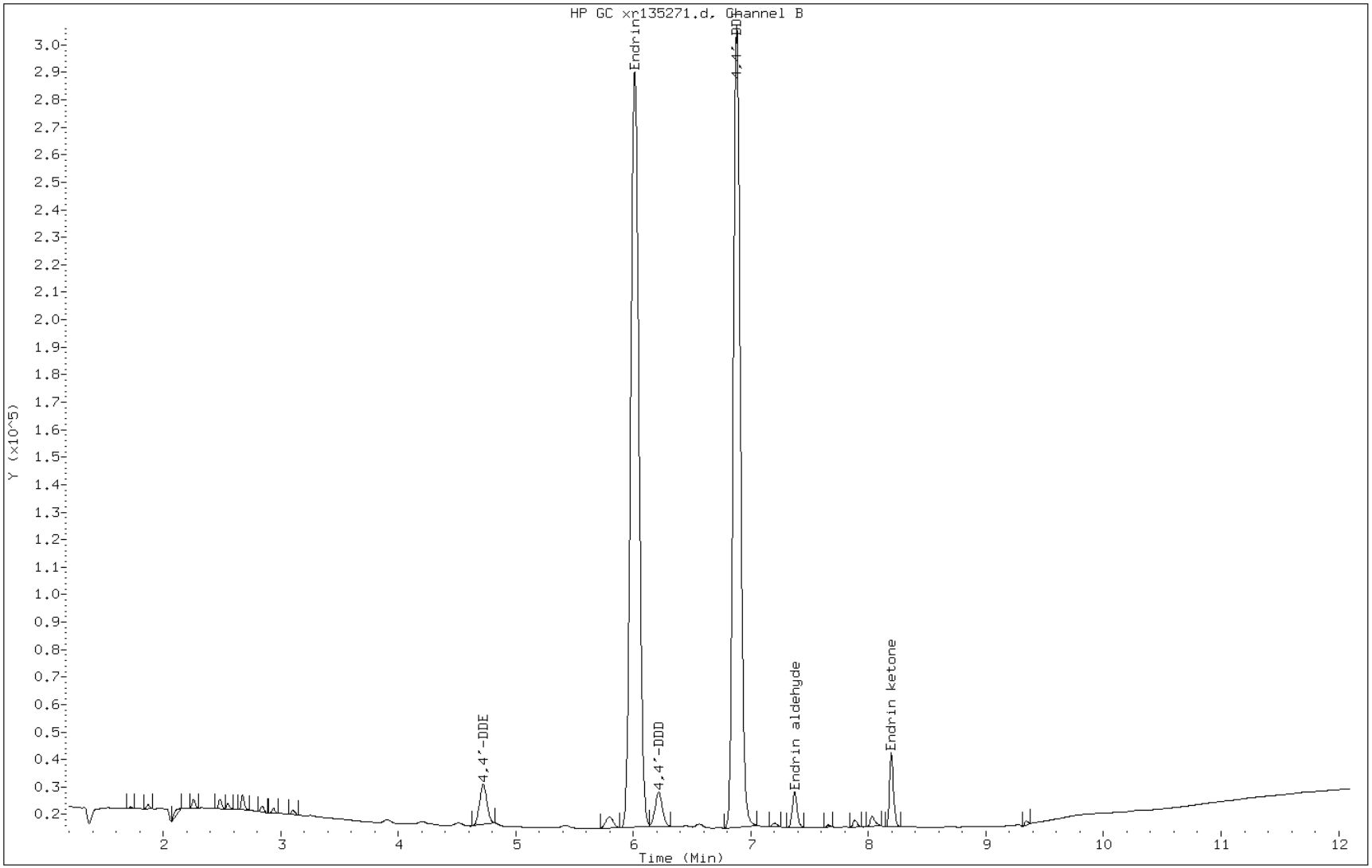
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr135271.d

Date: 21-JUN-2012 12:01

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: PEM 460-117312/4 Calibration Date: 06/22/2012 06:38

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135316.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.83	657627	3.68	15	
Endrin aldehyde	8.47	8540			
Endrin ketone	9.40	16596			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.30	573339	5.14	15	
4,4'-DDD	7.94	8268			
4,4'-DDE	7.18	22797			

Data File: xf135316.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135316.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 22-JUN-2012 06:38
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:25 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.d
Als bottle: 1
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		
7.940	7.937	0.003	8268	3.21571	2.1	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
7.183	7.180	0.003	22797	6.99836	4.7	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	573339	243.125	160	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	657627	241.099	160	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.470	8.467	0.003	8540	3.74487	2.5	80.00- 120.00	100.00(a)

Data File: xf135316.d
Report Date: 25-Jun-2012 06:30

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
9.397	9.393	0.004	16596	6.60732	4.4	80.00- 120.00	100.00(a)

QC Flag Legend

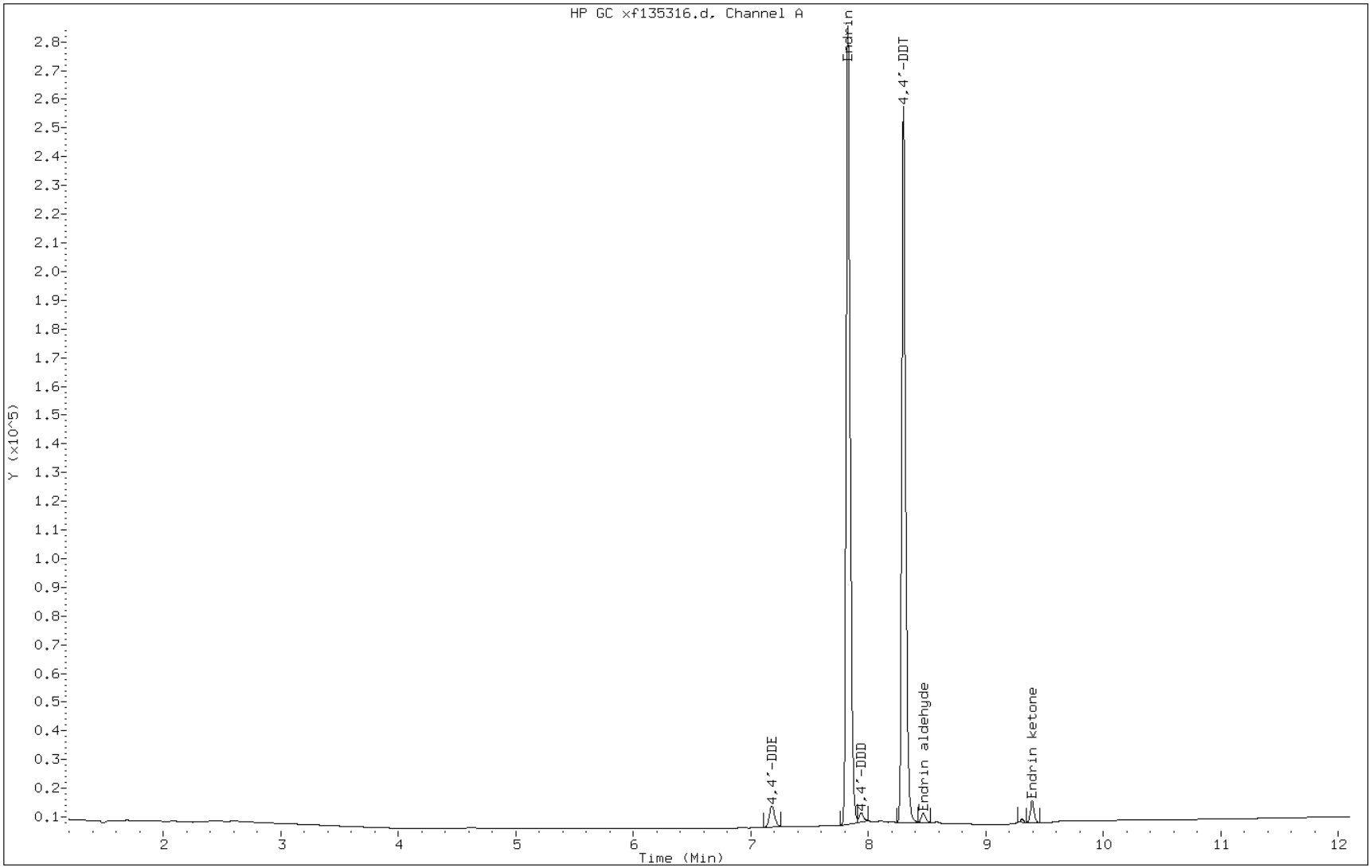
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf135316.d

Date: 22-JUN-2012 06:38

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: PEM 460-117312/4 Calibration Date: 06/22/2012 06:38

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135316.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.01	1165416	2.56	15	
Endrin aldehyde	7.37	10385			
Endrin ketone	8.19	20197			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.88	1060850	5.04	15	
4,4'-DDD	6.21	11622			
4,4'-DDE	4.73	44717			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135316.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 22-JUN-2012 06:38
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.d
Als bottle: 1
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		
6.213	6.213	0.000	11622	2.38429	1.6	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
4.730	4.730	0.000	44717	7.50123	5.0	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	1060850	205.835	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.013	6.017	-0.004	1165416	210.056	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.370	7.367	0.003	10385	2.82877	1.9	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		
8.193	8.190	0.003	20197	5.12213	3.4	80.00- 120.00	100.00(a)

QC Flag Legend

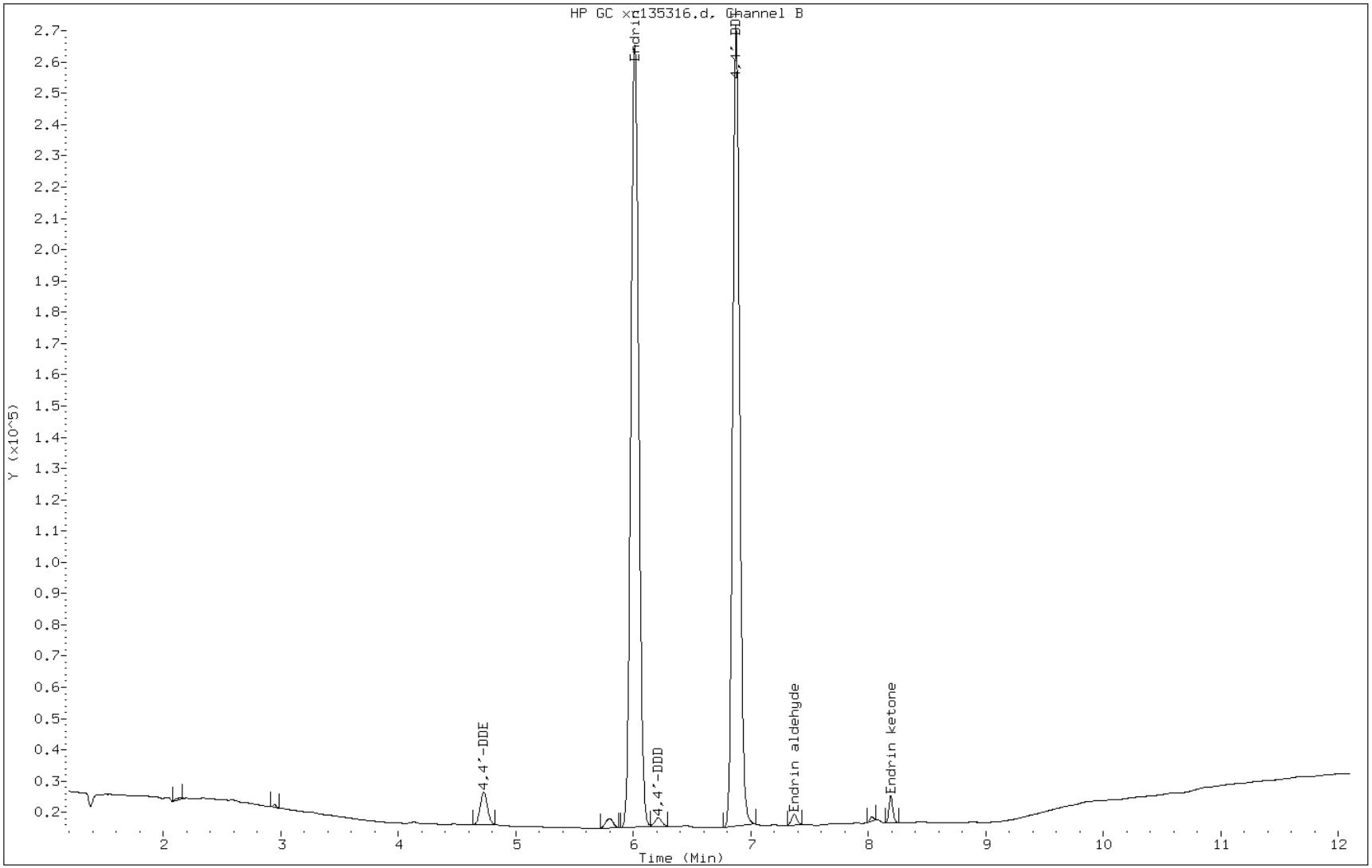
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr135316.d

Date: 22-JUN-2012 06:38

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117101/1 Calibration Date: 06/21/2012 11:47

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135270.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2989	3104		104	100	3.8	15.0
alpha-BHC	Ave	4229	4395		104	100	3.9	15.0
gamma-BHC (Lindane)	Ave	3861	4010		104	100	3.9	15.0
beta-BHC	Ave	1943	1992		103	100	2.5	15.0
delta-BHC	Ave	3781	3979		105	100	5.2	15.0
Heptachlor	Ave	3500	3629		104	100	3.7	15.0
Aldrin	Ave	3975	4306		108	100	8.3	15.0
Heptachlor epoxide	Ave	3744	3975		106	100	6.2	15.0
gamma-Chlordane	Ave	3840	4081		106	100	6.3	15.0
alpha-Chlordane	Ave	3683	3875		105	100	5.2	15.0
Endosulfan I	Ave	3309	3530		107	100	6.7	15.0
4,4'-DDE	Ave	3257	3531		108	100	8.4	15.0
Dieldrin	Ave	3331	3554		107	100	6.7	15.0
Endrin	Ave	2728	2750		101	100	0.8	15.0
4,4'-DDD	Ave	2571	2724		106	100	6.0	15.0
Endosulfan II	Ave	2805	2997		107	100	6.8	15.0
4,4'-DDT	Ave	2358	2405		102	100	2.0	15.0
Endrin aldehyde	Ave	2280	2396		105	100	5.1	15.0
Endosulfan sulfate	Ave	2420	2467		102	100	1.9	15.0
Methoxychlor	Ave	1182	1154		97.6	100	-2.4	15.0
Endrin ketone	Ave	2512	2610		104	100	3.9	15.0
DCB Decachlorobiphenyl	Ave	2108	2191		104	100	3.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117101/1 Calibration Date: 06/21/2012 11:47

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135270.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	2.28	2.23	2.33
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	3.58	3.53	3.63
Heptachlor	3.69	3.64	3.74
Aldrin	4.47	4.42	4.52
Heptachlor epoxide	6.01	5.94	6.08
gamma-Chlordane	6.49	6.42	6.56
alpha-Chlordane	6.85	6.78	6.92
Endosulfan I	6.99	6.92	7.06
4,4'-DDE	7.18	7.11	7.25
Dieldrin	7.45	7.39	7.53
Endrin	7.83	7.76	7.90
4,4'-DDD	7.94	7.87	8.01
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.47	8.40	8.54
Endosulfan sulfate	8.79	8.73	8.87
Methoxychlor	9.10	9.04	9.18
Endrin ketone	9.39	9.32	9.46
DCB Decachlorobiphenyl	10.31	10.22	10.42

Data File: xf135270.d
Report Date: 22-Jun-2012 07:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135270.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 21-JUN-2012 11:47
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:43 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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			
2.280	2.280	0.000	310354	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.773	2.773	0.000	439478	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.113	3.113	0.000	400996	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.200	3.200	0.000	199207	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.577	3.577	0.000	397929	100.000	100	80.00- 120.00		100.00

Data File: xf135270.d
Report Date: 22-Jun-2012 07:43

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		
3.690	3.690	0.000	362949	100.000	100	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.467	4.467	0.000	430629	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.007	6.007	0.000	397548	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.490	6.490	0.000	408080	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.850	6.850	0.000	387500	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.990	6.990	0.000	352986	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.180	7.180	0.000	353148	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.453	7.453	0.000	355434	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	275045	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	272424	100.000	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	299714	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	240538	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	239578	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	246683	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	115373	100.000	98	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	260970	100.000	100	80.00- 120.00	100.00

Data File: xf135270.d
Report Date: 22-Jun-2012 07:43

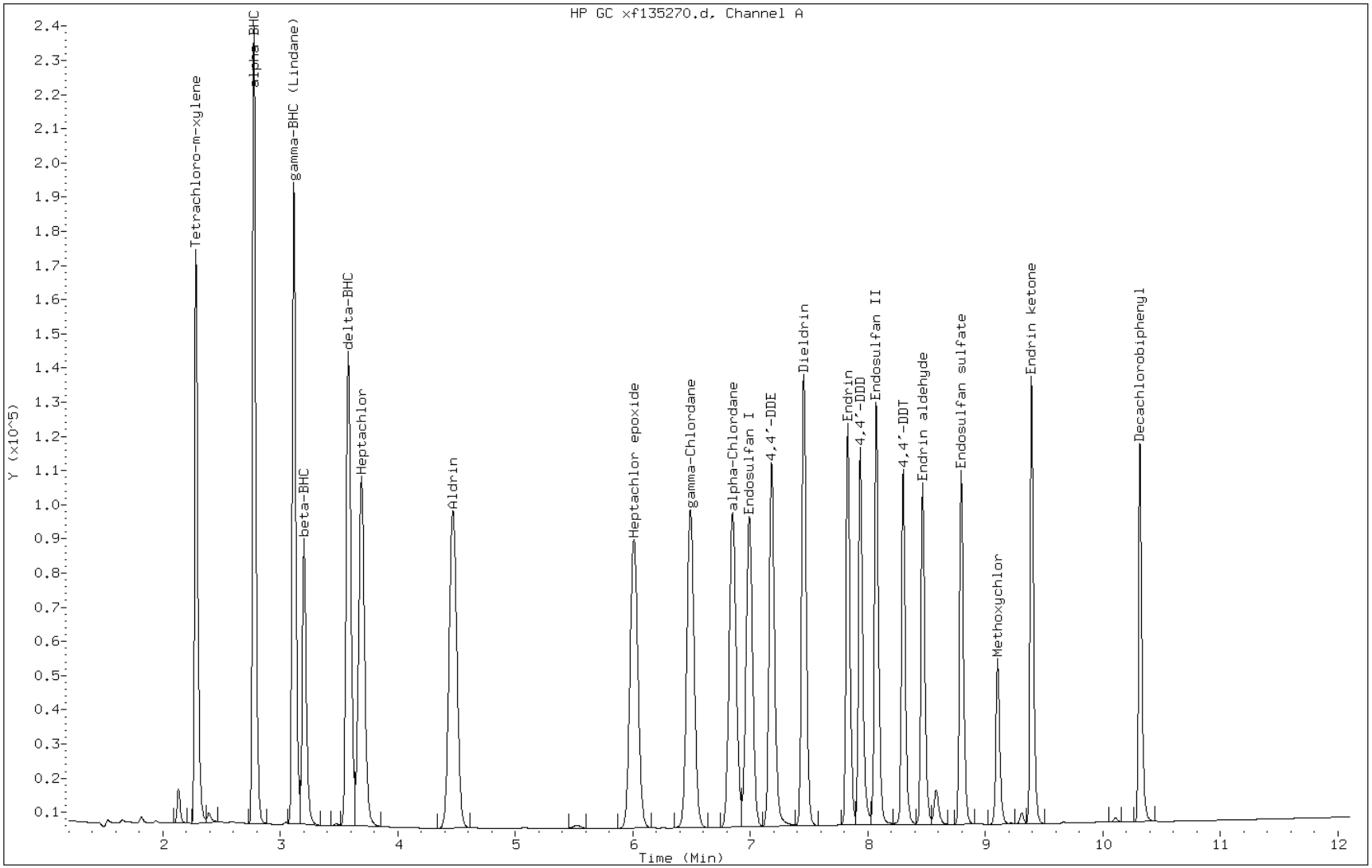
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	219060	100.000	100	80.00- 120.00	100.00

Data File: xf135270.d

Date: 21-JUN-2012 11:47

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117101/1 Calibration Date: 06/21/2012 11:47

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135270.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	5498	5800		105	100	5.5	15.0
alpha-BHC	Ave	7310	7738		106	100	5.9	15.0
gamma-BHC (Lindane)	Ave	6472	6886		106	100	6.4	15.0
beta-BHC	Ave	3191	3400		107	100	6.5	15.0
delta-BHC	Ave	6314	6900		109	100	9.3	15.0
Heptachlor	Ave	6099	6458		106	100	5.9	15.0
Aldrin	Ave	6044	6671		110	100	10.4	15.0
Heptachlor epoxide	Ave	6610	7197		109	100	8.9	15.0
gamma-Chlordane	Ave	6787	7445		110	100	9.7	15.0
alpha-Chlordane	Ave	6405	7051		110	100	10.1	15.0
4,4'-DDE	Ave	5961	6532		110	100	9.6	15.0
Endosulfan I	Ave	6096	6767		111	100	11.0	15.0
Dieldrin	Ave	6241	6917		111	100	10.8	15.0
Endrin	Ave	5548	5866		106	100	5.7	15.0
4,4'-DDD	Ave	4874	5445		112	100	11.7	15.0
Endosulfan II	Ave	5383	5709		106	100	6.0	15.0
4,4'-DDT	Ave	5154	5375		104	100	4.3	15.0
Endrin aldehyde	Ave	3671	3960		108	100	7.9	15.0
Methoxychlor	Ave	2195	2199		100	100	0.2	15.0
Endosulfan sulfate	Ave	3621	3726		103	100	2.9	15.0
Endrin ketone	Ave	3943	4189		106	100	6.2	15.0
DCB Decachlorobiphenyl	Ave	3705	3822		103	100	3.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117101/1 Calibration Date: 06/21/2012 11:47

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135270.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	1.88	1.83	1.93
alpha-BHC	2.27	2.22	2.32
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.56	2.51	2.61
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.12	3.07	3.17
Heptachlor epoxide	3.92	3.85	3.99
gamma-Chlordane	4.22	4.15	4.29
alpha-Chlordane	4.53	4.46	4.60
4,4'-DDE	4.73	4.66	4.80
Endosulfan I	4.83	4.76	4.90
Dieldrin	5.43	5.36	5.50
Endrin	6.02	5.95	6.09
4,4'-DDD	6.21	6.14	6.28
Endosulfan II	6.56	6.49	6.63
4,4'-DDT	6.88	6.81	6.95
Endrin aldehyde	7.37	7.30	7.44
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.88	7.81	7.95
Endrin ketone	8.19	8.12	8.26
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135270.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 21-JUN-2012 11:47
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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			
1.883	1.883	0.000	579982	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.270	2.270	0.000	773805	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.493	2.493	0.000	688555	100.000	110	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	339968	100.000	110	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	690014	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
17 Heptachlor						CAS #: 76-44-8		
2.850	2.853	-0.003	645757	100.000	100	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.117	3.117	0.000	667079	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.917	3.920	-0.003	719746	100.000	110	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.217	4.217	0.000	744519	100.000	110	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.527	4.530	-0.003	705130	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.730	4.733	-0.003	653218	100.000	110	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.830	4.833	-0.003	676697	100.000	110	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.430	5.433	-0.003	691688	100.000	110	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.017	6.020	-0.003	586609	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.213	6.213	0.000	544524	100.000	110	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.560	6.563	-0.003	570850	100.000	110	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.877	6.877	0.000	537483	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.367	7.367	0.000	395974	100.000	110	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.650	0.000	219917	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.880	7.880	0.000	372569	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.190	8.190	0.000	418938	100.000	110	80.00- 120.00		100.00

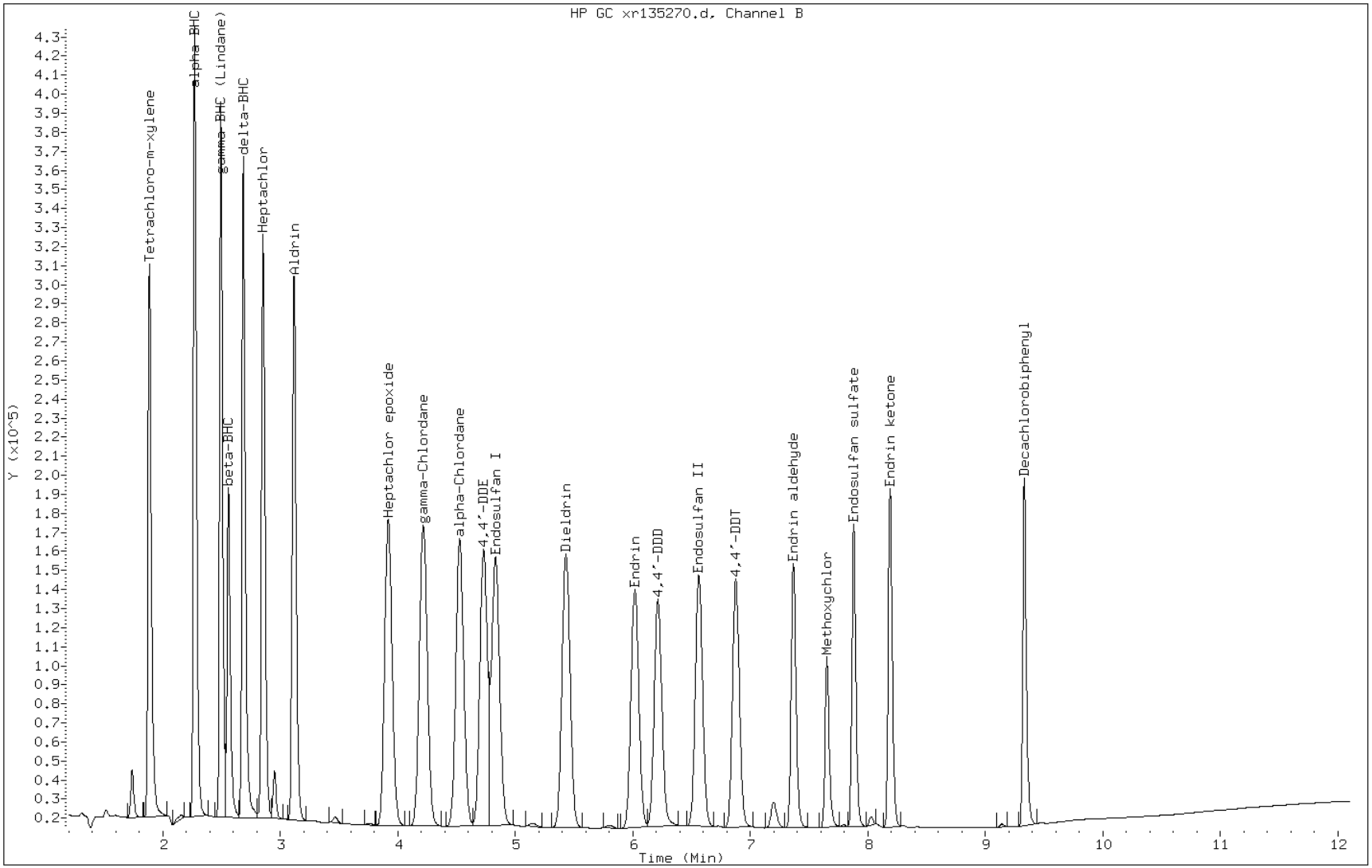
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	382179	100.000	100	80.00- 120.00	100.00

Data File: xr135270.d

Date: 21-JUN-2012 11:47

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117101/20 Calibration Date: 06/21/2012 16:27

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135289.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2989	3160		106	100	5.7	15.0
alpha-BHC	Ave	4229	4351		103	100	2.9	15.0
gamma-BHC (Lindane)	Ave	3861	3992		103	100	3.4	15.0
beta-BHC	Ave	1943	1993		103	100	2.6	15.0
delta-BHC	Ave	3781	3945		104	100	4.3	15.0
Heptachlor	Ave	3500	3711		106	100	6.0	15.0
Aldrin	Ave	3975	4261		107	100	7.2	15.0
Heptachlor epoxide	Ave	3744	3953		106	100	5.6	15.0
gamma-Chlordane	Ave	3840	4054		106	100	5.6	15.0
alpha-Chlordane	Ave	3683	3858		105	100	4.8	15.0
Endosulfan I	Ave	3309	3499		106	100	5.8	15.0
4,4'-DDE	Ave	3257	3490		107	100	7.1	15.0
Dieldrin	Ave	3331	3539		106	100	6.3	15.0
Endrin	Ave	2728	2733		100	100	0.2	15.0
4,4'-DDD	Ave	2571	2753		107	100	7.1	15.0
Endosulfan II	Ave	2805	3004		107	100	7.1	15.0
4,4'-DDT	Ave	2358	2450		104	100	3.9	15.0
Endrin aldehyde	Ave	2280	2377		104	100	4.2	15.0
Endosulfan sulfate	Ave	2420	2452		101	100	1.4	15.0
Methoxychlor	Ave	1182	1195		101	100	1.1	15.0
Endrin ketone	Ave	2512	2629		105	100	4.7	15.0
DCB Decachlorobiphenyl	Ave	2108	2183		104	100	3.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117101/20 Calibration Date: 06/21/2012 16:27

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135289.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	2.28	2.23	2.33
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	3.58	3.53	3.63
Heptachlor	3.69	3.64	3.74
Aldrin	4.47	4.42	4.52
Heptachlor epoxide	6.01	5.94	6.08
gamma-Chlordane	6.49	6.42	6.56
alpha-Chlordane	6.85	6.78	6.92
Endosulfan I	6.99	6.92	7.06
4,4'-DDE	7.18	7.11	7.25
Dieldrin	7.46	7.39	7.53
Endrin	7.83	7.76	7.90
4,4'-DDD	7.94	7.87	8.01
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.47	8.40	8.54
Endosulfan sulfate	8.80	8.73	8.87
Methoxychlor	9.11	9.04	9.18
Endrin ketone	9.39	9.32	9.46
DCB Decachlorobiphenyl	10.32	10.22	10.42

Data File: xf135289.d
Report Date: 22-Jun-2012 07:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135289.d
Lab Smp Id: PESTL3_00013
Inj Date : 21-JUN-2012 16:27
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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			
2.280	2.280	0.000	316045	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.773	2.773	0.000	435141	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.113	3.113	0.000	399167	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.200	3.200	0.000	199309	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.580	3.580	0.000	394504	100.000	100	80.00- 120.00		100.00

Data File: xf135289.d
Report Date: 22-Jun-2012 07:44

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		
3.690	3.690	0.000	371124	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.467	4.467	0.000	426081	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.010	6.010	0.000	395336	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.490	6.490	0.000	405434	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.850	6.850	0.000	385816	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.993	6.993	0.000	349942	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.183	7.183	0.000	348970	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.457	7.457	0.000	353892	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	273297	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	275334	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.073	8.073	0.000	300424	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	244988	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	237676	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.797	8.797	0.000	245245	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.107	9.107	0.000	119543	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	262874	100.000	100	80.00- 120.00	100.00

Data File: xf135289.d
Report Date: 22-Jun-2012 07:44

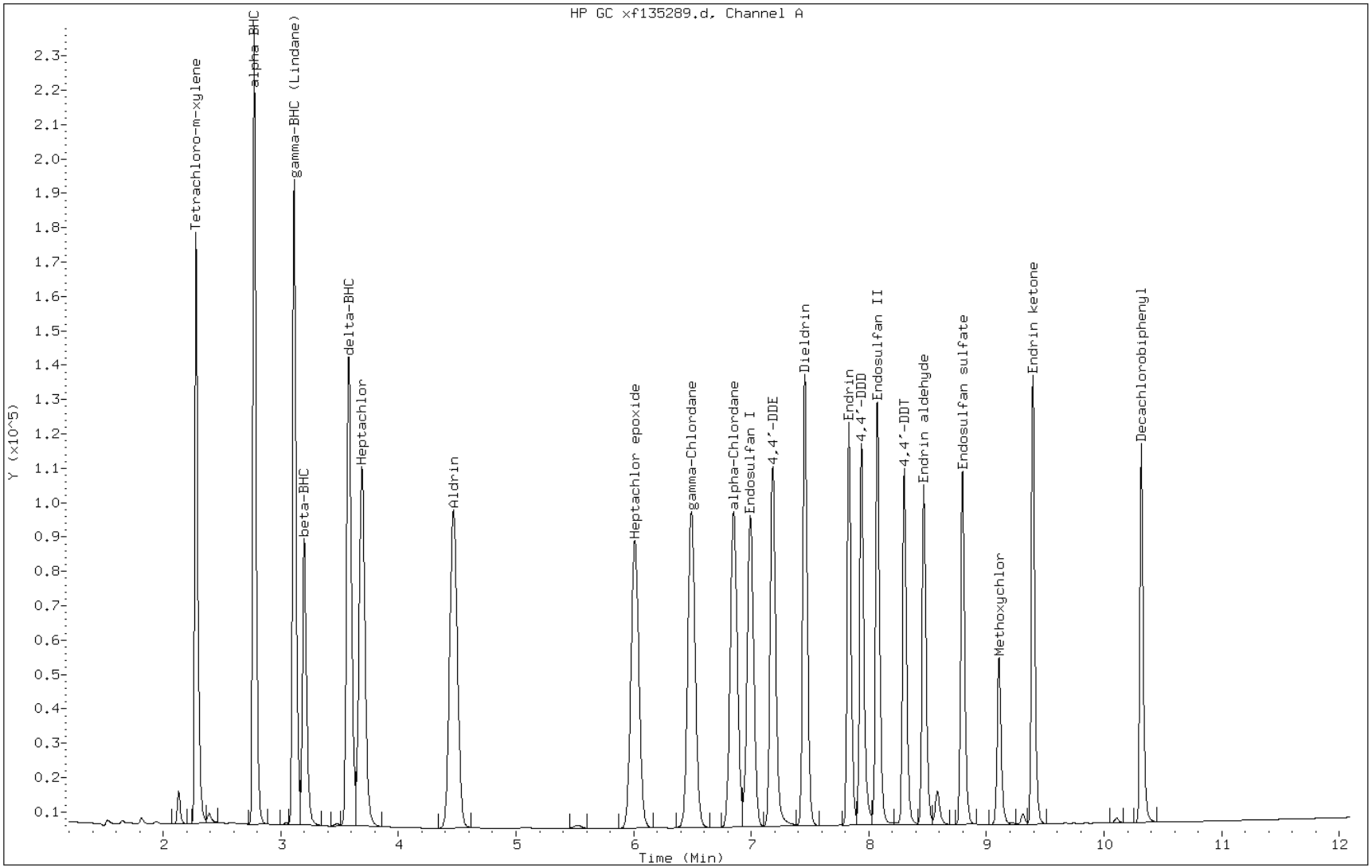
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.317	10.317	0.000	218321	100.000	100	80.00- 120.00	100.00

Data File: xf135289.d

Date: 21-JUN-2012 16:27

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117101/20 Calibration Date: 06/21/2012 16:27

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135289.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	5498	5710		104	100	3.8	15.0
alpha-BHC	Ave	7310	7642		105	100	4.5	15.0
gamma-BHC (Lindane)	Ave	6472	6856		106	100	5.9	15.0
beta-BHC	Ave	3191	3453		108	100	8.2	15.0
delta-BHC	Ave	6314	6904		109	100	9.3	15.0
Heptachlor	Ave	6099	6419		105	100	5.3	15.0
Aldrin	Ave	6044	6665		110	100	10.3	15.0
Heptachlor epoxide	Ave	6610	7185		109	100	8.7	15.0
gamma-Chlordane	Ave	6787	7456		110	100	9.9	15.0
alpha-Chlordane	Ave	6405	7082		111	100	10.6	15.0
4,4'-DDE	Ave	5961	6511		109	100	9.2	15.0
Endosulfan I	Ave	6096	6796		111	100	11.5	15.0
Dieldrin	Ave	6241	6966		112	100	11.6	15.0
Endrin	Ave	5548	5860		106	100	5.6	15.0
4,4'-DDD	Ave	4874	5440		112	100	11.6	15.0
Endosulfan II	Ave	5383	5756		107	100	6.9	15.0
4,4'-DDT	Ave	5154	5336		104	100	3.5	15.0
Endrin aldehyde	Ave	3671	4020		109	100	9.5	15.0
Methoxychlor	Ave	2195	2199		100	100	0.2	15.0
Endosulfan sulfate	Ave	3621	3796		105	100	4.8	15.0
Endrin ketone	Ave	3943	4247		108	100	7.7	15.0
DCB Decachlorobiphenyl	Ave	3705	3681		99.3	100	-0.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117101/20 Calibration Date: 06/21/2012 16:27

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135289.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	1.88	1.83	1.93
alpha-BHC	2.27	2.22	2.32
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.56	2.51	2.61
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.12	3.07	3.17
Heptachlor epoxide	3.92	3.85	3.99
gamma-Chlordane	4.22	4.15	4.29
alpha-Chlordane	4.53	4.46	4.60
4,4'-DDE	4.73	4.66	4.80
Endosulfan I	4.83	4.76	4.90
Dieldrin	5.43	5.36	5.50
Endrin	6.02	5.95	6.09
4,4'-DDD	6.21	6.14	6.28
Endosulfan II	6.56	6.49	6.63
4,4'-DDT	6.88	6.81	6.95
Endrin aldehyde	7.37	7.30	7.44
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.88	7.81	7.95
Endrin ketone	8.19	8.12	8.26
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135289.d
Lab Smp Id: PESTL3_00013
Inj Date : 21-JUN-2012 16:27
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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			
1.883	1.883	0.000	570972	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.270	2.270	0.000	764152	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.493	2.493	0.000	685565	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	345340	100.000	110	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	690358	100.000	110	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		
2.853	2.853	0.000	641949	100.000	100	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.117	3.117	0.000	666527	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.920	3.920	0.000	718536	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.217	4.217	0.000	745615	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.530	4.530	0.000	708228	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.733	4.733	0.000	651055	100.000	110	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.833	4.833	0.000	679554	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.433	5.433	0.000	696617	100.000	110	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.020	6.020	0.000	585983	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.213	6.213	0.000	544015	100.000	110	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.563	6.563	0.000	575632	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	533606	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.367	0.000	401985	100.000	110	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	219891	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.880	7.880	0.000	379606	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.190	0.000	424672	100.000	110	80.00- 120.00	100.00

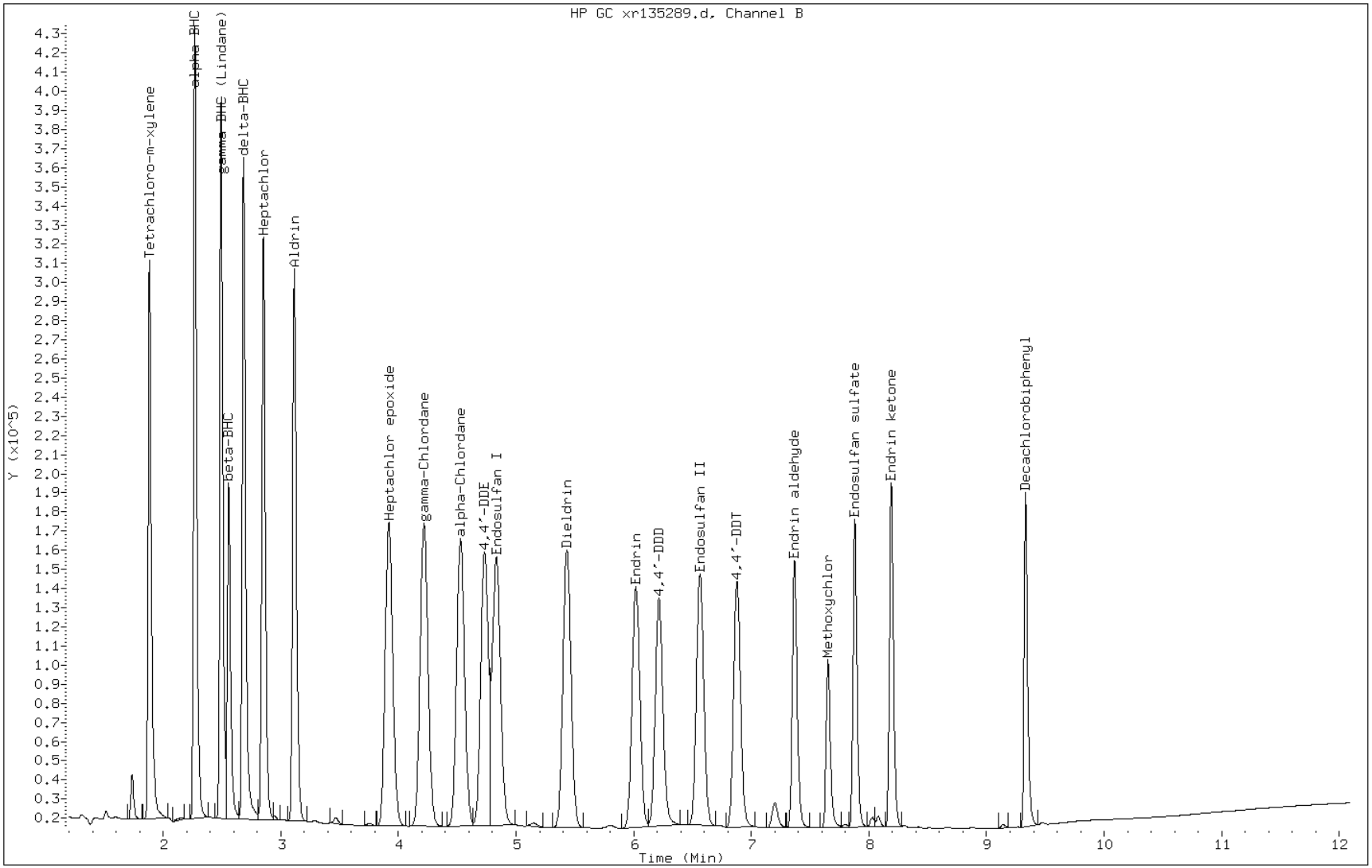
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	368073	100.000	99	80.00- 120.00	100.00

Data File: xr135289.d

Date: 21-JUN-2012 16:27

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117312/5 Calibration Date: 06/22/2012 06:52

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135317.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2989	2999		100	100	0.3	15.0
alpha-BHC	Ave	4229	4134		97.7	100	-2.3	15.0
gamma-BHC (Lindane)	Ave	3861	3775		97.8	100	-2.2	15.0
beta-BHC	Ave	1943	1888		97.2	100	-2.8	15.0
delta-BHC	Ave	3781	3691		97.6	100	-2.4	15.0
Heptachlor	Ave	3500	3548		101	100	1.4	15.0
Aldrin	Ave	3975	4049		102	100	1.9	15.0
Heptachlor epoxide	Ave	3744	3748		100	100	0.1	15.0
gamma-Chlordane	Ave	3840	3815		99.4	100	-0.6	15.0
alpha-Chlordane	Ave	3683	3637		98.8	100	-1.2	15.0
Endosulfan I	Ave	3309	3307		99.9	100	-0.0	15.0
4,4'-DDE	Ave	3257	3316		102	100	1.8	15.0
Dieldrin	Ave	3331	3330		100	100	-0.0	15.0
Endrin	Ave	2728	2752		101	100	0.9	15.0
4,4'-DDD	Ave	2571	2538		98.7	100	-1.3	15.0
Endosulfan II	Ave	2805	2790		99.5	100	-0.5	15.0
4,4'-DDT	Ave	2358	2447		104	100	3.8	15.0
Endrin aldehyde	Ave	2280	2198		96.4	100	-3.6	15.0
Endosulfan sulfate	Ave	2420	2365		97.7	100	-2.3	15.0
Methoxychlor	Ave	1182	1189		101	100	0.6	15.0
Endrin ketone	Ave	2512	2344		93.3	100	-6.7	15.0
DCB Decachlorobiphenyl	Ave	2108	2050		97.2	100	-2.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117312/5 Calibration Date: 06/22/2012 06:52

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135317.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	2.28	2.23	2.33
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	3.53	3.63
Heptachlor	3.68	3.64	3.74
Aldrin	4.47	4.42	4.52
Heptachlor epoxide	6.00	5.94	6.08
gamma-Chlordane	6.49	6.42	6.56
alpha-Chlordane	6.85	6.78	6.92
Endosulfan I	6.99	6.92	7.06
4,4'-DDE	7.18	7.11	7.25
Dieldrin	7.45	7.38	7.52
Endrin	7.83	7.76	7.90
4,4'-DDD	7.94	7.87	8.01
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.47	8.40	8.54
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
DCB Decachlorobiphenyl	10.32	10.21	10.41

Data File: xf135317.d
Report Date: 25-Jun-2012 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135317.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 22-JUN-2012 06:52
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:30 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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			
2.277	2.277	0.000	299883	100.000	100	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.770	2.770	0.000	413376	100.000	98	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.110	3.110	0.000	377482	100.000	98	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.197	3.197	0.000	188808	100.000	97	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.573	3.573	0.000	369138	100.000	98	80.00- 120.00		100.00

Data File: xf135317.d
Report Date: 25-Jun-2012 06:30

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.683	3.683	0.000	354763	100.000	100	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.470	4.470	0.000	404909	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.003	6.003	0.000	374826	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.487	6.487	0.000	381524	100.000	99	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.847	6.847	0.000	363706	100.000	99	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.990	6.990	0.000	330677	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.180	7.180	0.000	331602	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.453	7.453	0.000	332985	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.827	0.000	275214	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	253849	100.000	99	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	278984	100.000	99	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	244719	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	219844	100.000	96	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	236479	100.000	98	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	118933	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	234432	100.000	93	80.00- 120.00	100.00

Data File: xf135317.d
Report Date: 25-Jun-2012 06:30

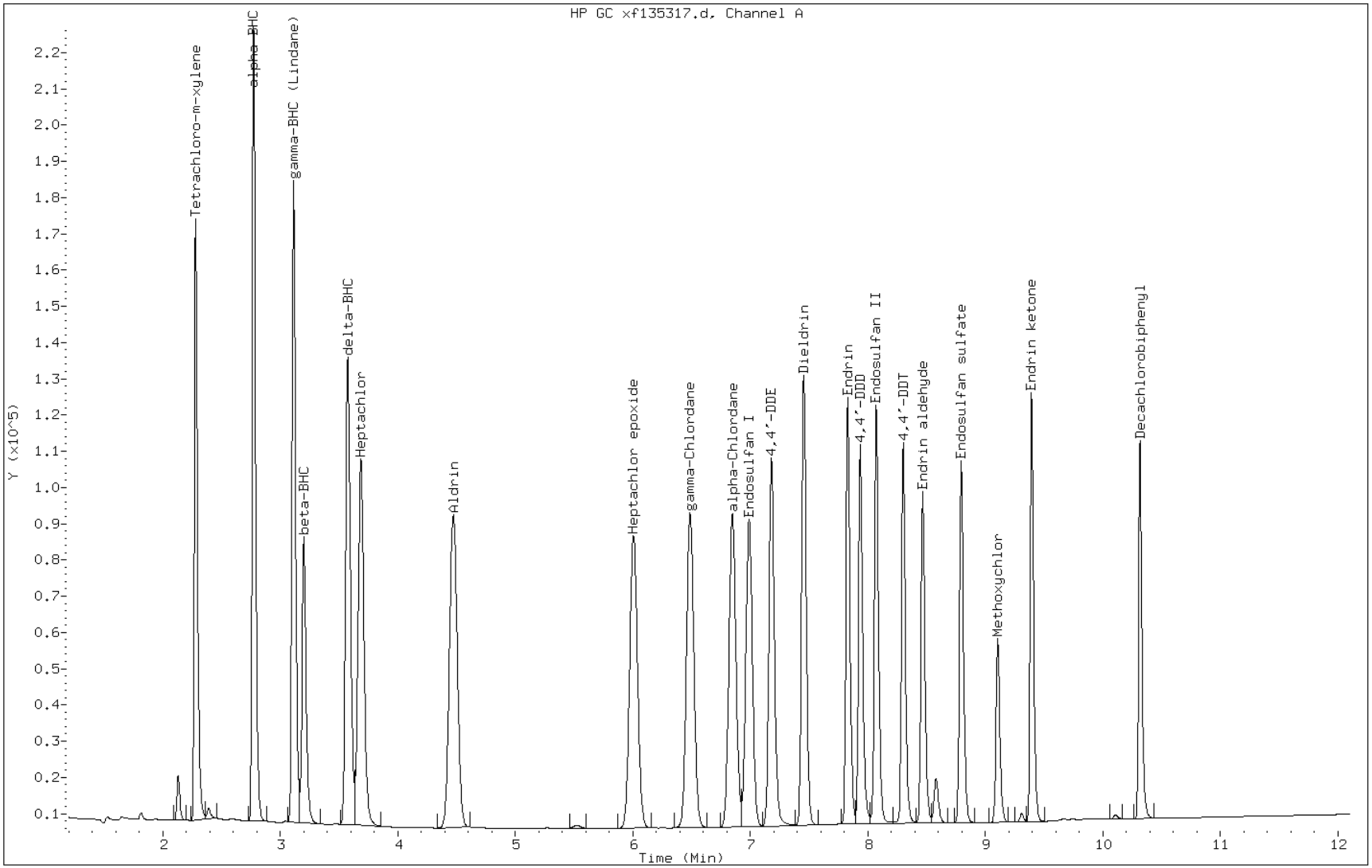
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.317	10.317	0.000	204958	100.000	97	80.00- 120.00	100.00

Data File: xf135317.d

Date: 22-JUN-2012 06:52

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117312/5 Calibration Date: 06/22/2012 06:52

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135317.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	5498	5086		92.5	100	-7.5	15.0
alpha-BHC	Ave	7310	6650		91.0	100	-9.0	15.0
gamma-BHC (Lindane)	Ave	6472	5861		90.5	100	-9.5	15.0
beta-BHC	Ave	3191	2858		89.5	100	-10.5	15.0
delta-BHC	Ave	6314	5563		88.1	100	-11.9	15.0
Heptachlor	Ave	6099	5646		92.6	100	-7.4	15.0
Aldrin	Ave	6044	5588		92.4	100	-7.6	15.0
Heptachlor epoxide	Ave	6610	6119		92.6	100	-7.4	15.0
gamma-Chlordane	Ave	6787	6176		91.0	100	-9.0	15.0
alpha-Chlordane	Ave	6405	5809		90.7	100	-9.3	15.0
4,4'-DDE	Ave	5961	5401		90.6	100	-9.4	15.0
Endosulfan I	Ave	6096	5528		90.7	100	-9.3	15.0
Dieldrin	Ave	6241	5576		89.3	100	-10.7	15.0
Endrin	Ave	5548	5059		91.2	100	-8.8	15.0
4,4'-DDD	Ave	4874	4260		87.4	100	-12.6	15.0
Endosulfan II	Ave	5383	4694		87.2	100	-12.8	15.0
4,4'-DDT	Ave	5154	4601		89.3	100	-10.7	15.0
Endrin aldehyde	Ave	3671	3202		87.2	100	-12.8	15.0
Methoxychlor	Ave	2195	1967		89.6	100	-10.4	15.0
Endosulfan sulfate	Ave	3621	3175		87.7	100	-12.3	15.0
Endrin ketone	Ave	3943	3400		86.2	100	-13.8	15.0
DCB Decachlorobiphenyl	Ave	3705	3342		90.2	100	-9.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117312/5 Calibration Date: 06/22/2012 06:52

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135317.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	1.88	1.83	1.93
alpha-BHC	2.27	2.22	2.32
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.56	2.51	2.61
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.92	3.85	3.99
gamma-Chlordane	4.21	4.14	4.28
alpha-Chlordane	4.52	4.46	4.60
4,4'-DDE	4.73	4.66	4.80
Endosulfan I	4.83	4.76	4.90
Dieldrin	5.43	5.36	5.50
Endrin	6.01	5.95	6.09
4,4'-DDD	6.21	6.14	6.28
Endosulfan II	6.56	6.49	6.63
4,4'-DDT	6.88	6.81	6.95
Endrin aldehyde	7.37	7.30	7.44
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.88	7.81	7.95
Endrin ketone	8.19	8.12	8.26
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135317.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 22-JUN-2012 06:52
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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			
1.883	1.883	0.000	508635	100.000	92	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.267	2.270	-0.003	665002	100.000	91	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.490	2.493	-0.003	586063	100.000	90	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	285790	100.000	90	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	556251	100.000	88	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	2.850	0.000	564601	100.000	92	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
3.113	3.113	0.000	558782	100.000	92	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
3.917	3.917	0.000	611946	100.000	92	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
4.213	4.213	0.000	617569	100.000	91	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
4.523	4.527	-0.004	580887	100.000	91	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
4.727	4.730	-0.003	540108	100.000	91	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
4.830	4.830	0.000	552822	100.000	91	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
5.427	5.430	-0.003	557622	100.000	89	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.013	6.017	-0.004	505857	100.000	91	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.210	6.213	-0.003	426037	100.000	87	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.560	6.560	0.000	469419	100.000	87	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.877	6.877	0.000	460064	100.000	89	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.367	7.367	0.000	320244	100.000	87	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.650	7.650	0.000	196662	100.000	90	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.880	7.880	0.000	317457	100.000	88	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.190	8.190	0.000	340034	100.000	86	80.00- 120.00		100.00

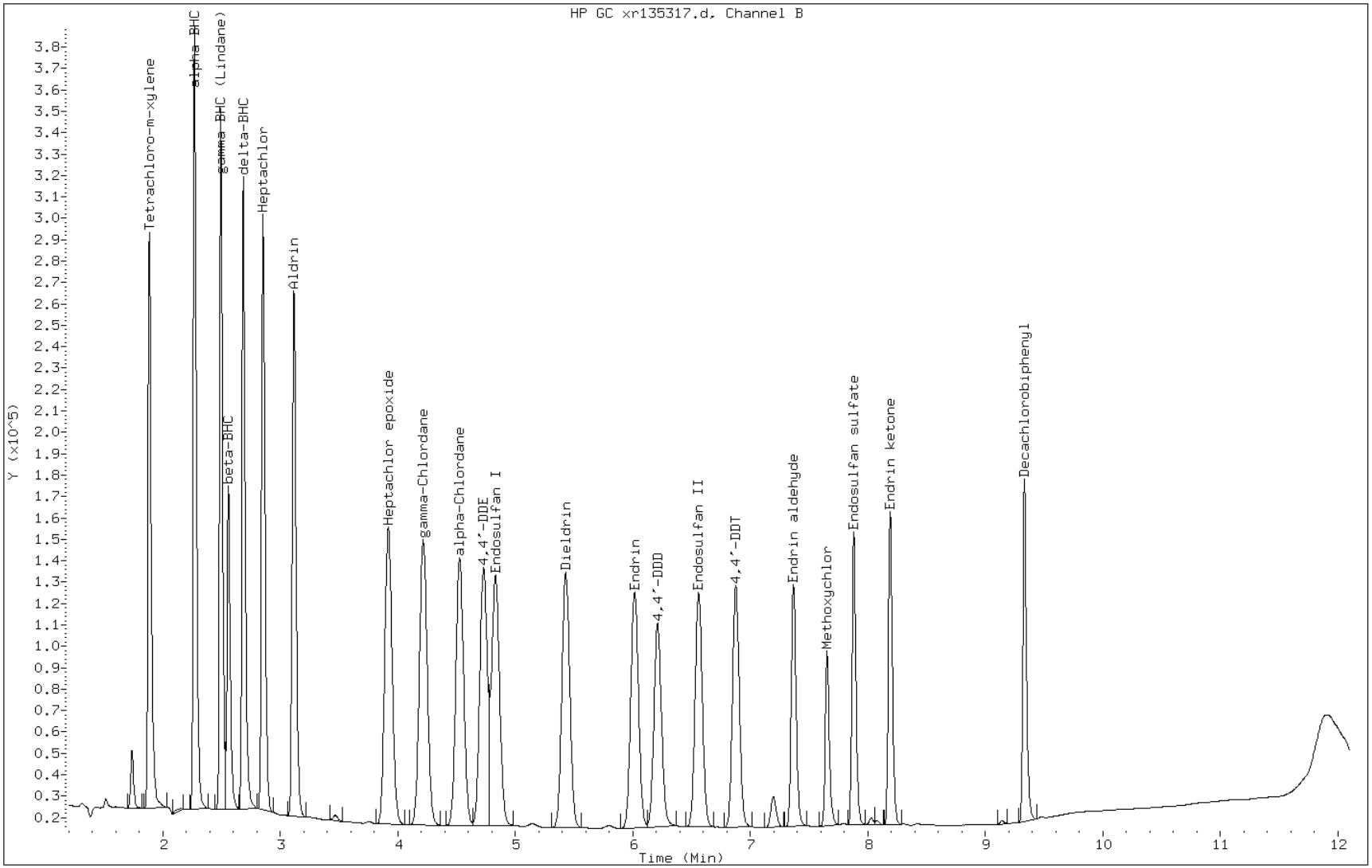
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.330	9.330	0.000	334205	100.000	90	80.00- 120.00	100.00

Data File: xr135317.d

Date: 22-JUN-2012 06:52

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117312/31 Calibration Date: 06/22/2012 13:18

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135343.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2989	3181		106	100	6.4	15.0
alpha-BHC	Ave	4229	4390		104	100	3.8	15.0
gamma-BHC (Lindane)	Ave	3861	4002		104	100	3.7	15.0
beta-BHC	Ave	1943	2020		104	100	4.0	15.0
delta-BHC	Ave	3781	3835		101	100	1.4	15.0
Heptachlor	Ave	3500	3972		113	100	13.5	15.0
Aldrin	Ave	3975	4316		109	100	8.6	15.0
Heptachlor epoxide	Ave	3744	4002		107	100	6.9	15.0
gamma-Chlordane	Ave	3840	4087		106	100	6.4	15.0
alpha-Chlordane	Ave	3683	3916		106	100	6.3	15.0
Endosulfan I	Ave	3309	3560		108	100	7.6	15.0
4,4'-DDE	Ave	3257	3468		106	100	6.5	15.0
Dieldrin	Ave	3331	3579		107	100	7.5	15.0
Endrin	Ave	2728	2873		105	100	5.3	15.0
4,4'-DDD	Ave	2571	2744		107	100	6.7	15.0
Endosulfan II	Ave	2805	2992		107	100	6.7	15.0
4,4'-DDT	Ave	2358	2612		111	100	10.7	15.0
Endrin aldehyde	Ave	2280	2360		104	100	3.5	15.0
Endosulfan sulfate	Ave	2420	2421		100	100	0.0	15.0
Methoxychlor	Ave	1182	1299		110	100	9.9	15.0
Endrin ketone	Ave	2512	2443		97.3	100	-2.7	15.0
DCB Decachlorobiphenyl	Ave	2108	2236		106	100	6.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117312/31 Calibration Date: 06/22/2012 13:18

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xf135343.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	2.28	2.23	2.33
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	3.58	3.53	3.63
Heptachlor	3.69	3.64	3.74
Aldrin	4.47	4.42	4.52
Heptachlor epoxide	6.01	5.94	6.08
gamma-Chlordane	6.49	6.42	6.56
alpha-Chlordane	6.85	6.78	6.92
Endosulfan I	6.99	6.92	7.06
4,4'-DDE	7.18	7.11	7.25
Dieldrin	7.45	7.38	7.52
Endrin	7.83	7.76	7.90
4,4'-DDD	7.94	7.87	8.01
Endosulfan II	8.07	8.00	8.14
4,4'-DDT	8.30	8.23	8.37
Endrin aldehyde	8.47	8.40	8.54
Endosulfan sulfate	8.79	8.72	8.86
Methoxychlor	9.10	9.03	9.17
Endrin ketone	9.39	9.32	9.46
DCB Decachlorobiphenyl	10.31	10.21	10.41

Data File: xf135343.d
Report Date: 25-Jun-2012 06:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135343.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 22-JUN-2012 13:18
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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			
2.277	2.277	0.000	318050	100.000	110	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.773	2.773	0.000	439020	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.113	3.113	0.000	400244	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.200	3.200	0.000	202017	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
3.577	3.577	0.000	383512	100.000	100	80.00- 120.00		100.00

Data File: xf135343.d
Report Date: 25-Jun-2012 06:32

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.687	3.687	0.000	397180	100.000	110	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
4.467	4.467	0.000	431602	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.007	6.007	0.000	400231	100.000	110	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.487	6.487	0.000	408651	100.000	110	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.847	6.847	0.000	391569	100.000	110	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.990	6.990	0.000	355994	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
7.180	7.180	0.000	346773	100.000	110	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
7.453	7.453	0.000	357920	100.000	110	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.830	7.830	0.000	287310	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.937	7.937	0.000	274389	100.000	110	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
8.070	8.070	0.000	299197	100.000	110	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
8.300	8.300	0.000	261152	100.000	110	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
8.467	8.467	0.000	236031	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.793	8.793	0.000	242059	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
9.103	9.103	0.000	129931	100.000	110	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
9.393	9.393	0.000	244281	100.000	97	80.00- 120.00		100.00

Data File: xf135343.d
Report Date: 25-Jun-2012 06:32

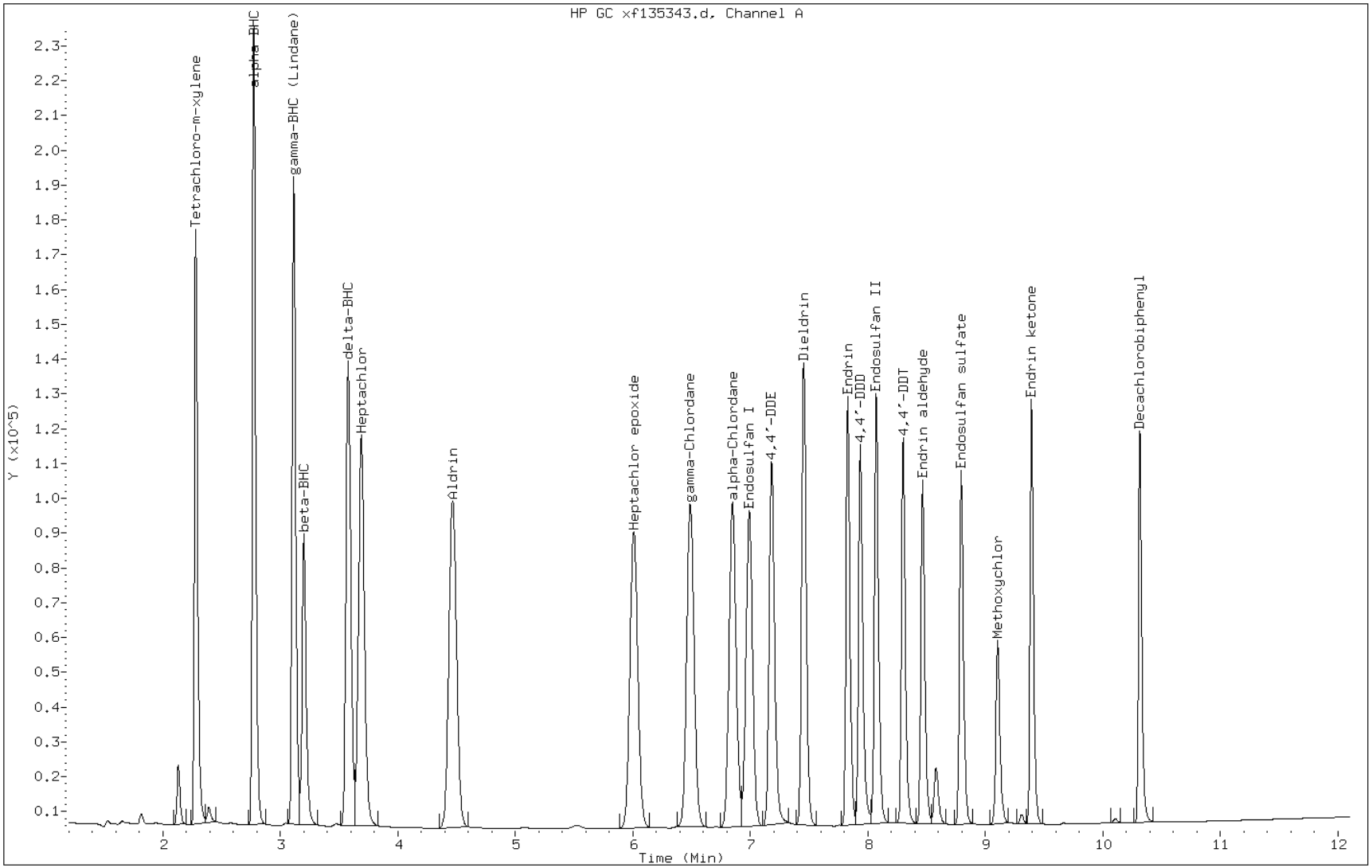
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.313	10.313	0.000	223605	100.000	110	80.00- 120.00	100.00

Data File: xf135343.d

Date: 22-JUN-2012 13:18

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117312/31 Calibration Date: 06/22/2012 13:18

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135343.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	5498	6044		110	100	9.9	15.0
alpha-BHC	Ave	7310	7583		104	100	3.7	15.0
gamma-BHC (Lindane)	Ave	6472	6747		104	100	4.2	15.0
beta-BHC	Ave	3191	3426		107	100	7.4	15.0
delta-BHC	Ave	6314	6597		104	100	4.5	15.0
Heptachlor	Ave	6099	6539		107	100	7.2	15.0
Aldrin	Ave	6044	6580		109	100	8.9	15.0
Heptachlor epoxide	Ave	6610	7106		108	100	7.5	15.0
gamma-Chlordane	Ave	6787	7299		108	100	7.5	15.0
alpha-Chlordane	Ave	6405	6916		108	100	8.0	15.0
4,4'-DDE	Ave	5961	6235		105	100	4.6	15.0
Endosulfan I	Ave	6096	6647		109	100	9.0	15.0
Dieldrin	Ave	6241	6607		106	100	5.9	15.0
Endrin	Ave	5548	5701		103	100	2.8	15.0
4,4'-DDD	Ave	4874	5012		103	100	2.8	15.0
Endosulfan II	Ave	5383	5454		101	100	1.3	15.0
4,4'-DDT	Ave	5154	5186		101	100	0.6	15.0
Endrin aldehyde	Ave	3671	3764		103	100	2.5	15.0
Methoxychlor	Ave	2195	2184		99.5	100	-0.5	15.0
Endosulfan sulfate	Ave	3621	3536		97.7	100	-2.3	15.0
Endrin ketone	Ave	3943	3766		95.5	100	-4.5	15.0
DCB Decachlorobiphenyl	Ave	3705	3817		103	100	3.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117312/31 Calibration Date: 06/22/2012 13:18

Instrument ID: PESTGC1 Calib Start Date: 06/21/2012 07:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/21/2012 08:02

Lab File ID: xr135343.d

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	1.88	1.83	1.93
alpha-BHC	2.27	2.22	2.32
gamma-BHC (Lindane)	2.49	2.44	2.54
beta-BHC	2.56	2.51	2.61
delta-BHC	2.68	2.63	2.73
Heptachlor	2.85	2.80	2.90
Aldrin	3.11	3.06	3.16
Heptachlor epoxide	3.92	3.85	3.99
gamma-Chlordane	4.21	4.14	4.28
alpha-Chlordane	4.53	4.46	4.60
4,4'-DDE	4.73	4.66	4.80
Endosulfan I	4.83	4.76	4.90
Dieldrin	5.43	5.36	5.50
Endrin	6.02	5.95	6.09
4,4'-DDD	6.21	6.14	6.28
Endosulfan II	6.56	6.49	6.63
4,4'-DDT	6.88	6.81	6.95
Endrin aldehyde	7.37	7.30	7.44
Methoxychlor	7.65	7.58	7.72
Endosulfan sulfate	7.88	7.81	7.95
Endrin ketone	8.19	8.12	8.26
DCB Decachlorobiphenyl	9.33	9.23	9.43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135343.d
Lab Smp Id: SGPESTL3_00013
Inj Date : 22-JUN-2012 13:18
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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			
1.883	1.883	0.000	604439	100.000	110	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.270	2.270	0.000	758270	100.000	100	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.493	2.493	0.000	674657	100.000	100	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.557	2.557	0.000	342609	100.000	110	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.683	2.683	0.000	659740	100.000	100	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		
2.850	2.850	0.000	653864	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.113	0.000	658001	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.917	3.917	0.000	710568	100.000	110	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.213	4.213	0.000	729921	100.000	110	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.527	4.527	0.000	691573	100.000	110	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.730	4.730	0.000	623511	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.830	4.830	0.000	664687	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.430	5.430	0.000	660712	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.017	6.017	0.000	570087	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.213	6.213	0.000	501246	100.000	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.560	6.560	0.000	545368	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	518594	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.367	0.000	376414	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	218371	100.000	99	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.880	7.880	0.000	353610	100.000	98	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.190	0.000	376643	100.000	96	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	381688	100.000	100	80.00- 120.00	100.00

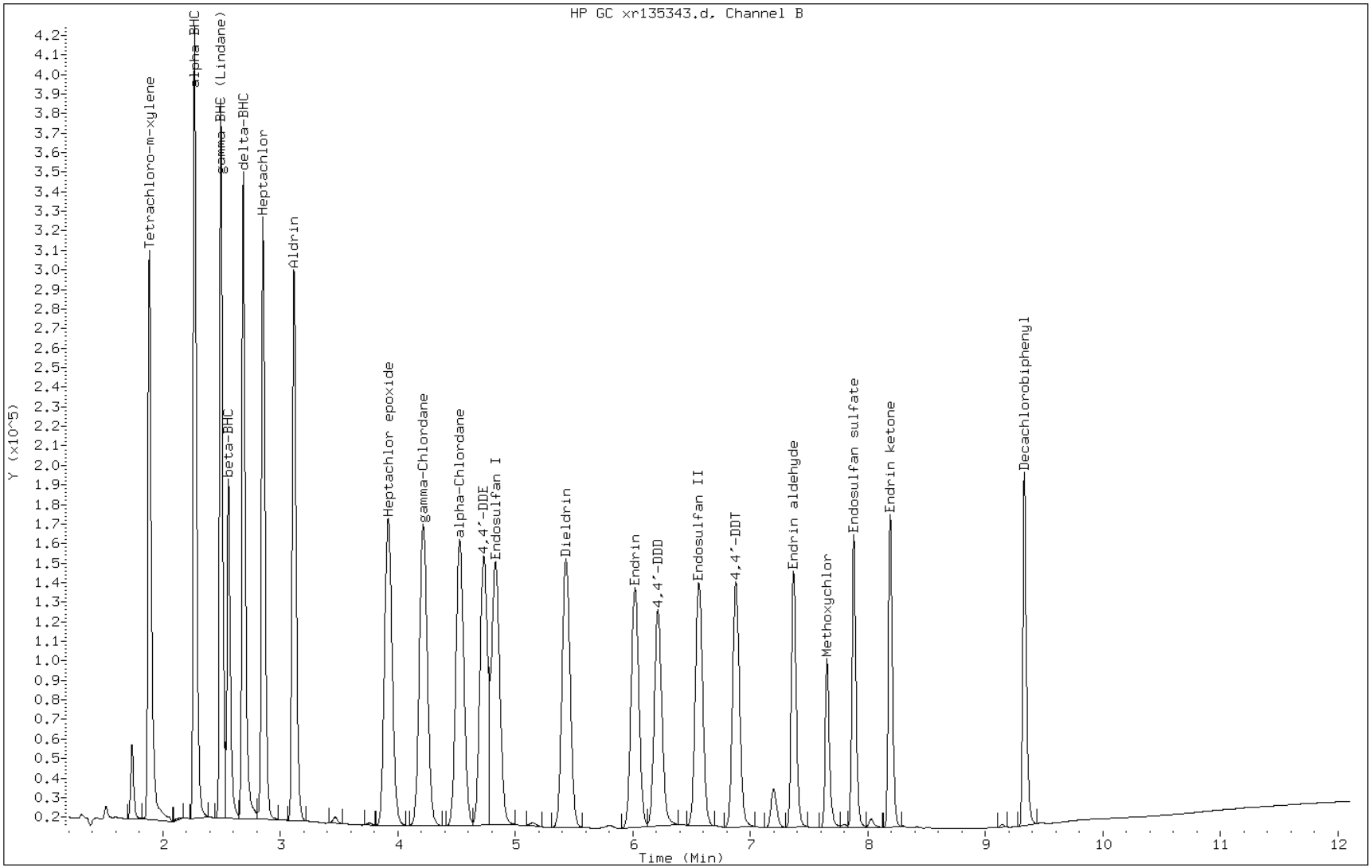
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3

Data File: xr135343.d

Date: 22-JUN-2012 13:18

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00013 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116910/1-A

Matrix: Solid Lab File ID: xf135287.d

Analysis Method: 8081A Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 15:59

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.: 117101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	129		40-150
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135287.d
Lab Smp Id: MB 460-116910/1-A
Inj Date : 21-JUN-2012 15:59
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-116910/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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

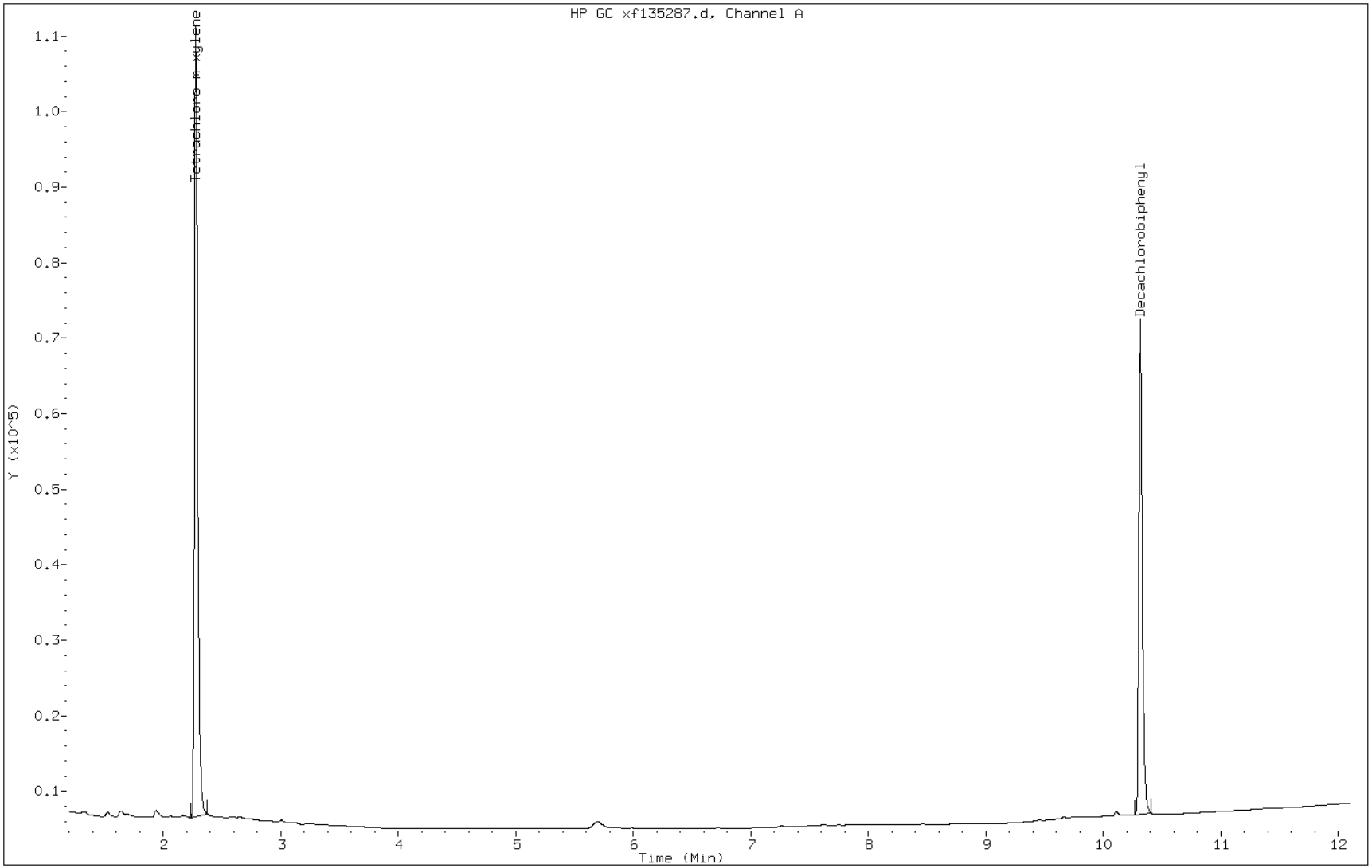
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.280	2.280	0.000	192899	64.5269	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	131488	62.3715	42	80.00- 120.00	100.00

Data File: xf135287.d

Date: 21-JUN-2012 15:59

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-116910/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116910/1-A

Matrix: Solid | Lab File ID: xr135287.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 15:59

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.: 117101 | 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	128		40-150
2051-24-3	DCB Decachlorobiphenyl	129		53-150

Data File: xr135287.d
Report Date: 22-Jun-2012 09:09

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135287.d
Lab Smp Id: MB 460-116910/1-A
Inj Date : 21-JUN-2012 15:59
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-116910/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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

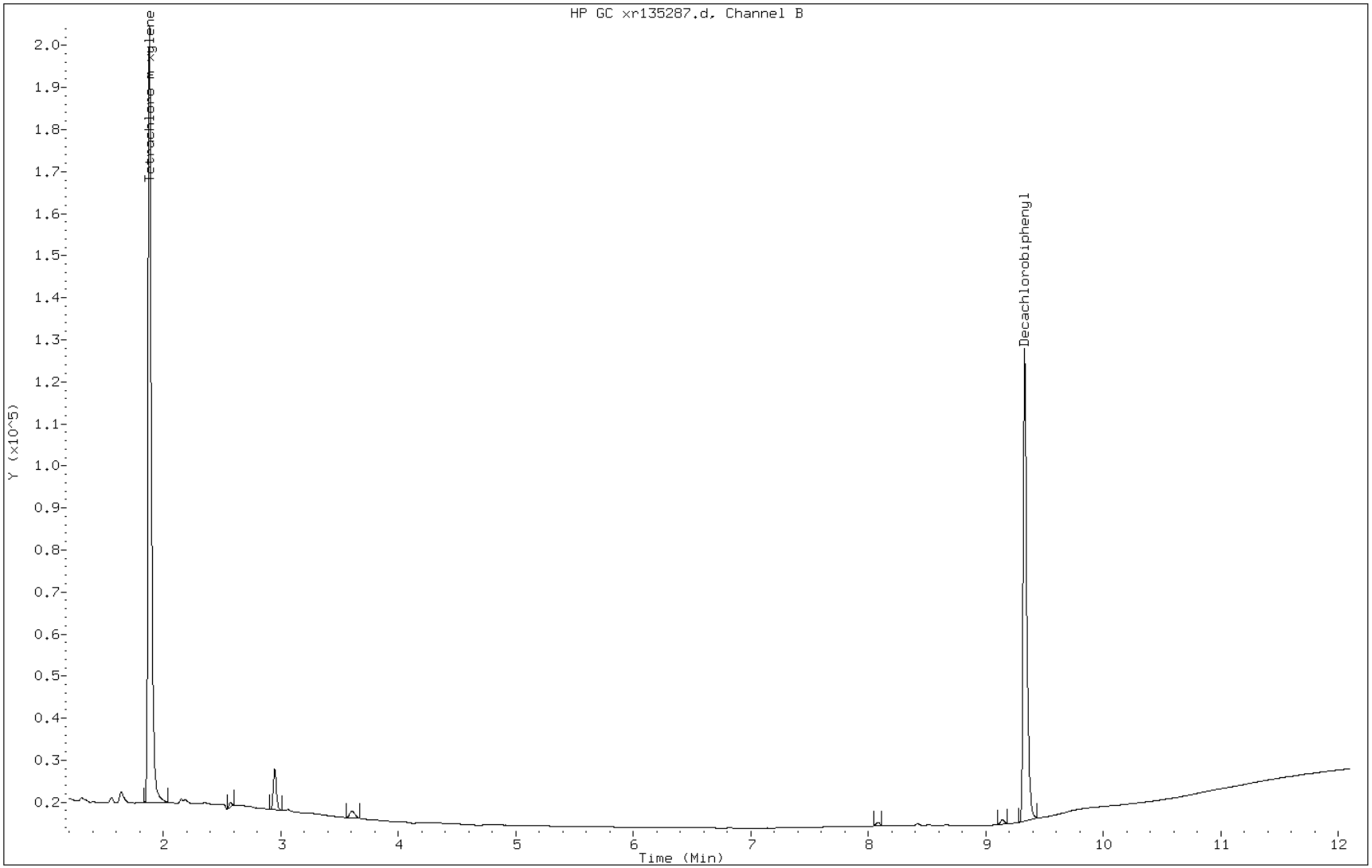
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	351609	63.9491	43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.333	9.330	0.003	239798	64.7191	43	80.00- 120.00	100.00

Data File: xr135287.d

Date: 21-JUN-2012 15:59

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-116910/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116911/1-A

Matrix: Solid Lab File ID: xf135341.d

Analysis Method: 8081A Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 12:50

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.: 117312 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119		40-150
2051-24-3	DCB Decachlorobiphenyl	116		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135341.d
Lab Smp Id: MB 460-116911/1-A
Inj Date : 22-JUN-2012 12:50
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-116911/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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

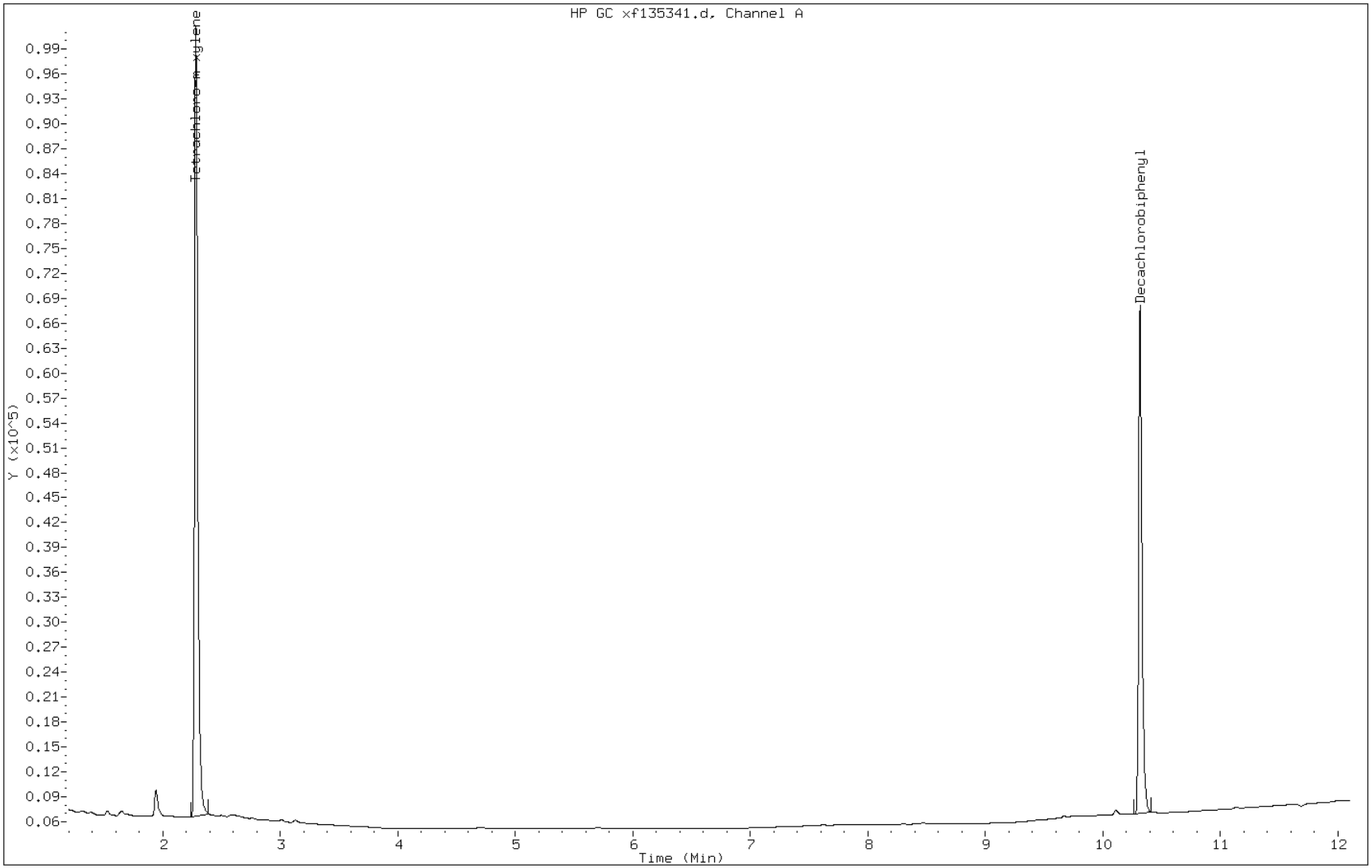
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.280	2.277	0.003	177753	59.4604	40	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	122520	58.1175	39	80.00- 120.00	100.00

Data File: xf135341.d

Date: 22-JUN-2012 12:50

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-116911/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116911/1-A

Matrix: Solid | Lab File ID: xr135341.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 12:50

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.: 117312 | 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	113		40-150
2051-24-3	DCB Decachlorobiphenyl	115		53-150

Data File: xr135341.d
Report Date: 25-Jun-2012 08:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135341.d
Lab Smp Id: MB 460-116911/1-A
Inj Date : 22-JUN-2012 12:50
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-116911/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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

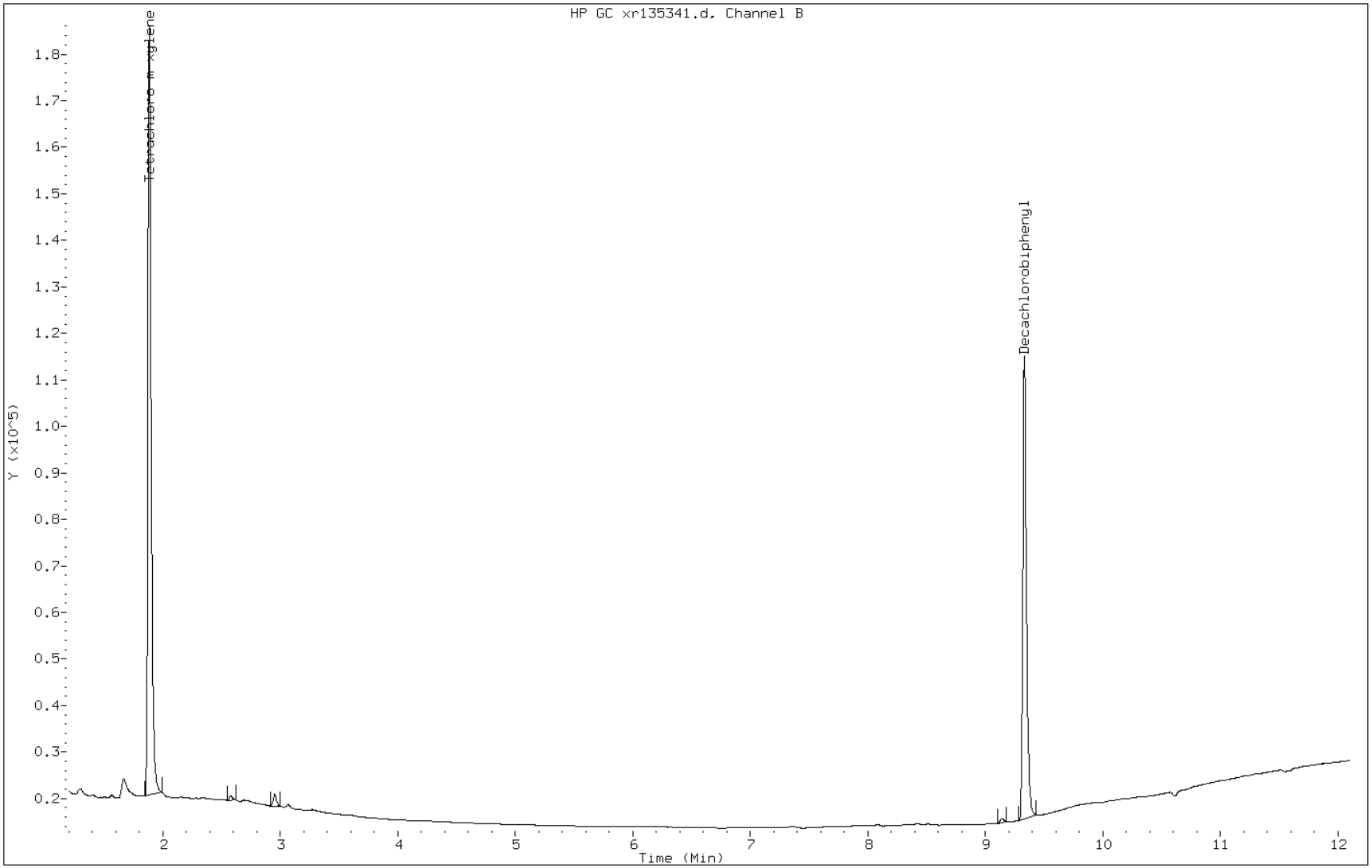
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.883	1.883	0.000	310982	56.5600	38	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	212697	57.4050	38	80.00- 120.00	100.00

Data File: xr135341.d

Date: 22-JUN-2012 12:50

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-116911/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116910/2-A

Matrix: Solid | Lab File ID: xf135272.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 12:33

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.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	164		6.7	1.5
319-84-6	alpha-BHC	152		6.7	1.2
319-85-7	*beta-BHC*	*151*		*6.7*	*0.91*
319-86-8	delta-BHC	150		6.7	1.0
58-89-9	gamma-BHC (Lindane)	152		6.7	0.78
57-74-9	*Chlordane*	*15*	*U*	*67*	*15*
72-54-8	*4,4'-DDD*	*160*		*6.7*	*0.80*
72-55-9	4,4'-DDE	169		6.7	1.3
50-29-3	*4,4'-DDT*	*150*		*6.7*	*0.84*
60-57-1	*Dieldrin*	*145*		*6.7*	*1.3*
959-98-8	Endosulfan I	157		6.7	1.4
33213-65-9	Endosulfan II	151		6.7	1.0
1031-07-8	Endosulfan sulfate	148		6.7	0.86
72-20-8	*Endrin*	*151*		*6.7*	*0.94*
7421-93-4	*Endrin aldehyde*	*148*		*6.7*	*1.7*
53494-70-5	Endrin ketone	156		6.7	0.99
76-44-8	Heptachlor	153		6.7	0.96
1024-57-3	Heptachlor epoxide	157		6.7	1.4
72-43-5	*Methoxychlor*	*139*		*6.7*	*0.75*
8001-35-2	*Toxaphene*	*14*	*U*	*67*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	139		40-150
2051-24-3	DCB Decachlorobiphenyl	129		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135272.d
Lab Smp Id: LCS 460-116910/2
Inj Date : 21-JUN-2012 12:33
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-116910/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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		
2.280	2.280	0.000	207180	69.3040	46	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.773	2.773	0.000	966386	228.510	150	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.113	3.113	0.000	882314	228.524	150	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.200	3.200	0.000	441464	227.236	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.577	3.580	-0.003	852348	225.412	150	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		
3.690	3.690	0.000	803583	229.609	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.470	4.467	0.003	979939	246.532	160	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.013	6.010	0.003	879317	234.875	160	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.493	6.490	0.003	914909	238.249	160	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.853	6.850	0.003	870740	236.434	160	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.183	7.183	0.000	827113	253.912	170	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.993	6.993	0.000	780740	235.944	160	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.457	7.457	0.000	724251	217.460	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	617443	226.366	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	615204	239.274	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.073	8.073	0.000	633849	225.962	150	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.303	8.300	0.003	528981	224.315	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	506529	222.118	150	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.107	9.107	0.000	246699	208.723	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.797	8.797	0.000	535824	221.442	150	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	588582	234.331	160	80.00- 120.00	100.00

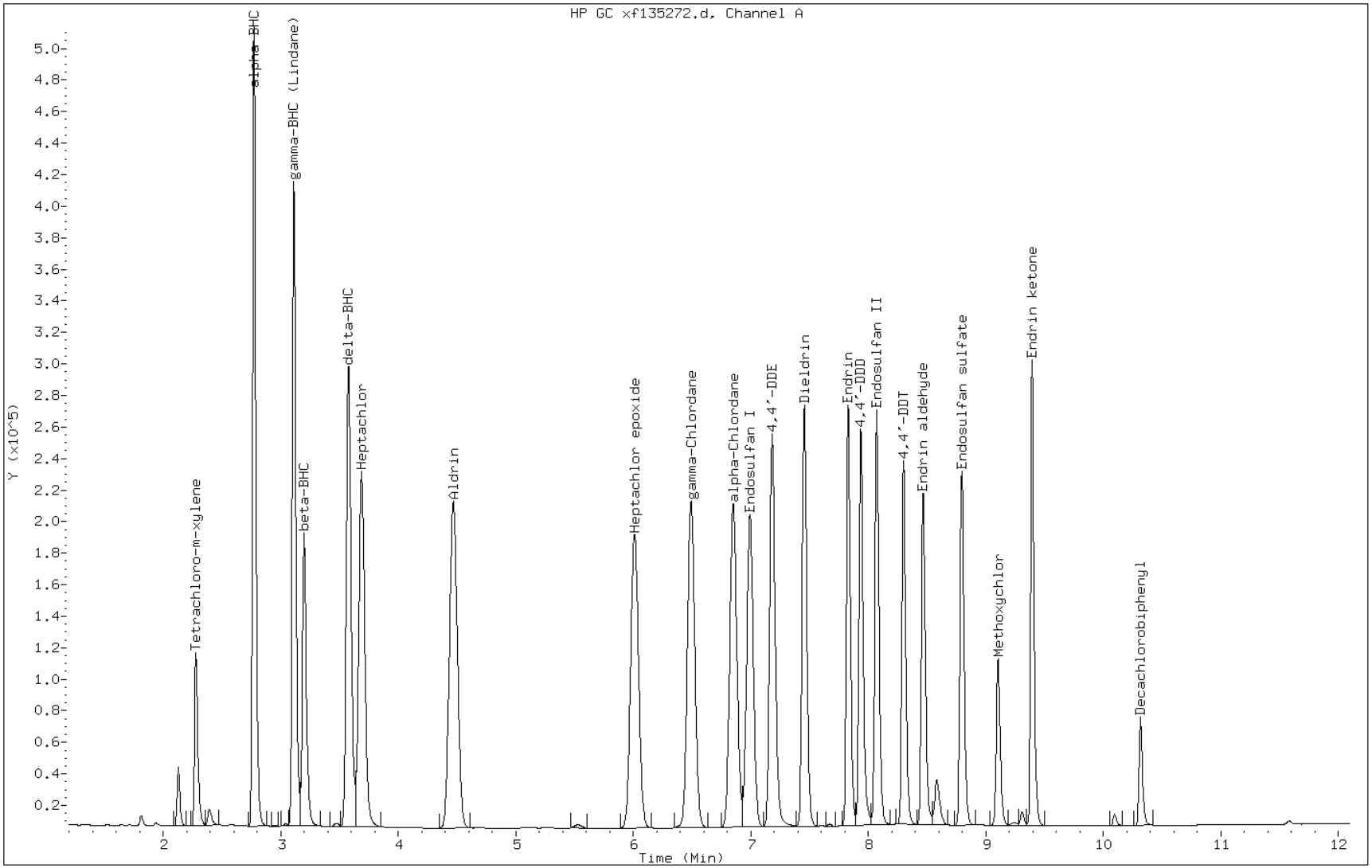
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	136078	64.5487	43	80.00- 120.00	100.00

Data File: xf135272.d

Date: 21-JUN-2012 12:33

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-116910/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116910/2-A

Matrix: Solid | Lab File ID: xr135272.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 12:33

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.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*155*		*6.7*	*1.5*
319-84-6	*alpha-BHC*	*148*		*6.7*	*1.2*
319-85-7	beta-BHC	155		6.7	0.91
319-86-8	*delta-BHC*	*147*		*6.7*	*1.0*
58-89-9	*gamma-BHC (Lindane)*	*150*		*6.7*	*0.78*
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	165		6.7	0.80
72-55-9	*4,4'-DDE*	*166*		*6.7*	*1.3*
50-29-3	4,4'-DDT	155		6.7	0.84
60-57-1	Dieldrin	146		6.7	1.3
959-98-8	*Endosulfan I*	*157*		*6.7*	*1.4*
33213-65-9	*Endosulfan II*	*145*		*6.7*	*1.0*
1031-07-8	*Endosulfan sulfate*	*145*		*6.7*	*0.86*
72-20-8	Endrin	153		6.7	0.94
7421-93-4	Endrin aldehyde	153		6.7	1.7
53494-70-5	*Endrin ketone*	*155*		*6.7*	*0.99*
76-44-8	*Heptachlor*	*150*		*6.7*	*0.96*
1024-57-3	*Heptachlor epoxide*	*152*		*6.7*	*1.4*
72-43-5	Methoxychlor	144		6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	148		40-150
2051-24-3	DCB Decachlorobiphenyl	136		53-150

Data File: xr135272.d
Report Date: 22-Jun-2012 11:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135272.d
Lab Smp Id: LCS 460-116910/2
Inj Date : 21-JUN-2012 12:33
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-116910/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	1.883	0.000	407081	74.0382	49	80.00- 120.00	100.00(M)
2 alpha-BHC					CAS #: 319-84-6		
2.270	2.270	0.000	1626716	222.542	150	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.493	2.493	0.000	1451622	224.279	150	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.557	2.557	0.000	741864	232.455	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.683	2.683	0.000	1395372	220.993	150	80.00- 120.00	100.00

Data File: xr135272.d
Report Date: 22-Jun-2012 11:14

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	2.853	-0.003	1373491	225.194	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.117	-0.004	1408142	232.969	160	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.917	3.920	-0.003	1510137	228.473	150	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.217	4.217	0.000	1615692	238.060	160	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.527	4.530	-0.003	1531683	239.142	160	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.730	4.733	-0.003	1484686	249.055	170	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.830	4.833	-0.003	1435798	235.547	160	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.433	5.433	0.000	1364809	218.671	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.017	6.020	-0.003	1276530	230.083	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.213	6.213	0.000	1204849	247.179	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.563	6.563	0.000	1172450	217.800	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	1194920	231.848	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.367	0.000	840198	228.862	150	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.653	7.650	0.003	473643	215.799	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.880	7.880	0.000	788262	217.682	140	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.190	0.000	917049	232.571	160	80.00- 120.00	100.00

Data File: xr135272.d
Report Date: 22-Jun-2012 11:14

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.333	9.330	0.003	252247	68.0789	45	80.00- 120.00	100.00

QC Flag Legend

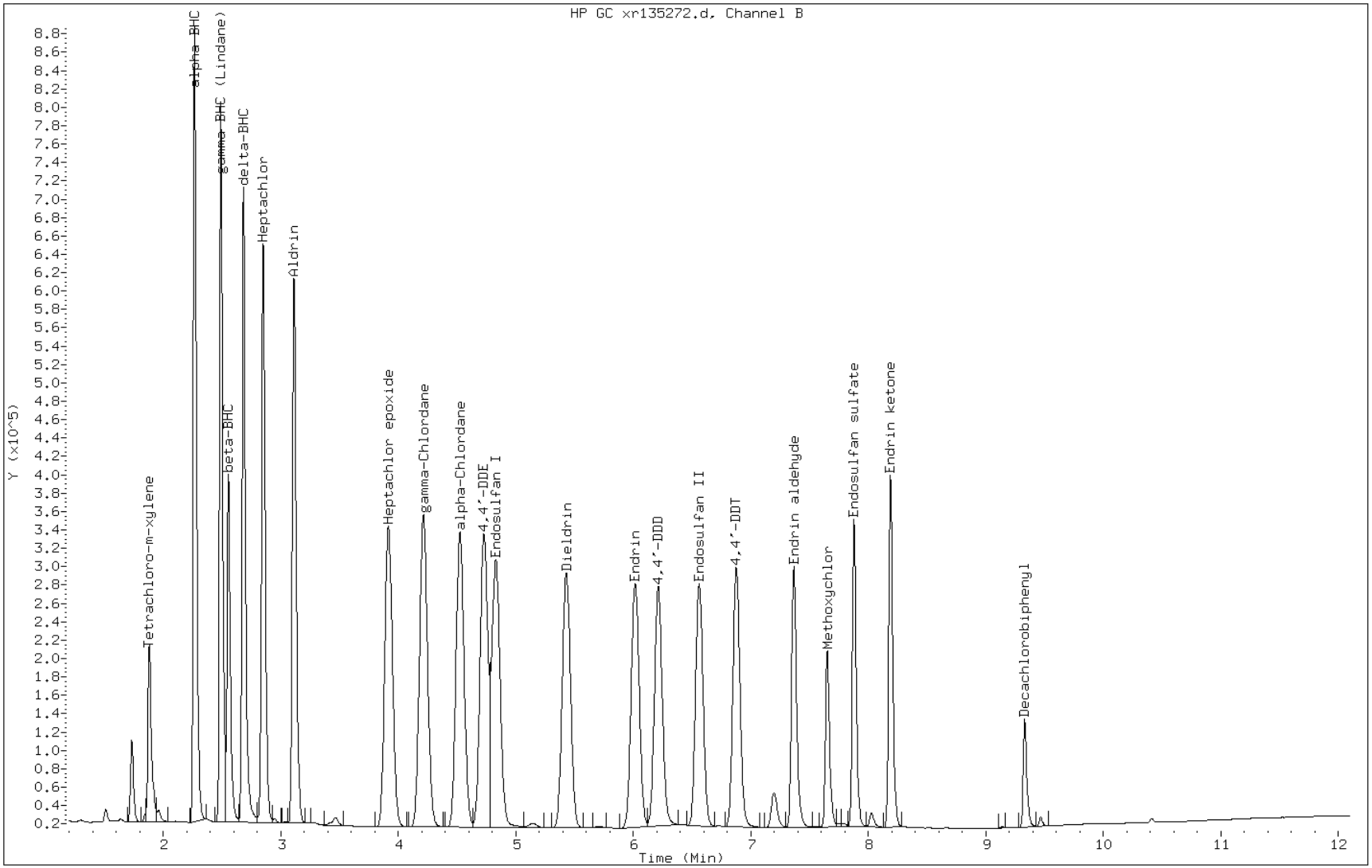
M - Compound response manually integrated.

Data File: xr135272.d

Date: 21-JUN-2012 12:33

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-116910/2 Operator:



Manual Integration Report

Data File: xr135272.d
Inj. Date and Time: 21-JUN-2012 12:33
Instrument ID: PESTGC1.i
Client ID:
Compound: 28 Tetrachloro-m-xylene
CAS #: 877-09-8
Report Date: 06/22/2012

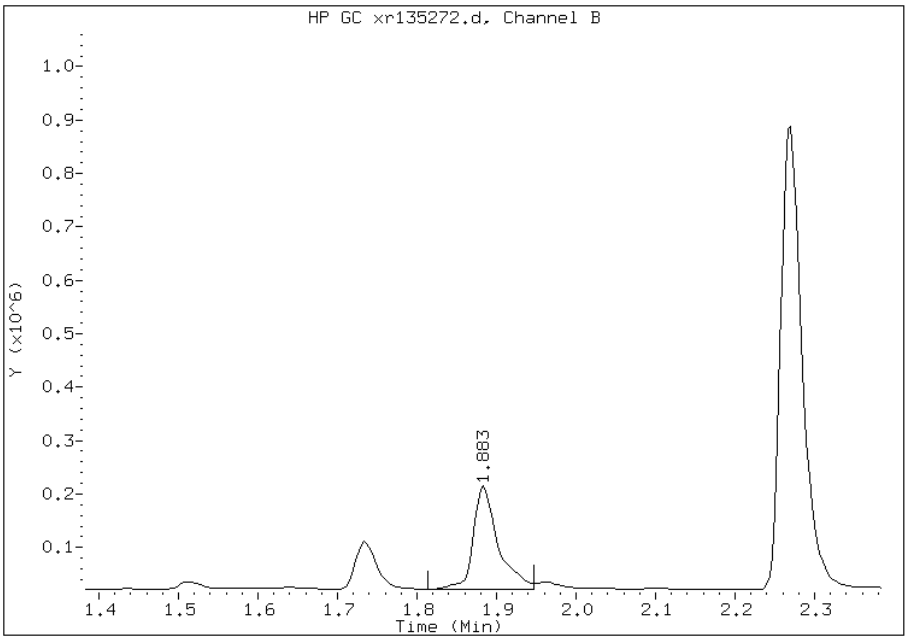
Processing Integration Results

RT: 1.88

Response: 414740

Amount: 75.43

Conc: 50.29



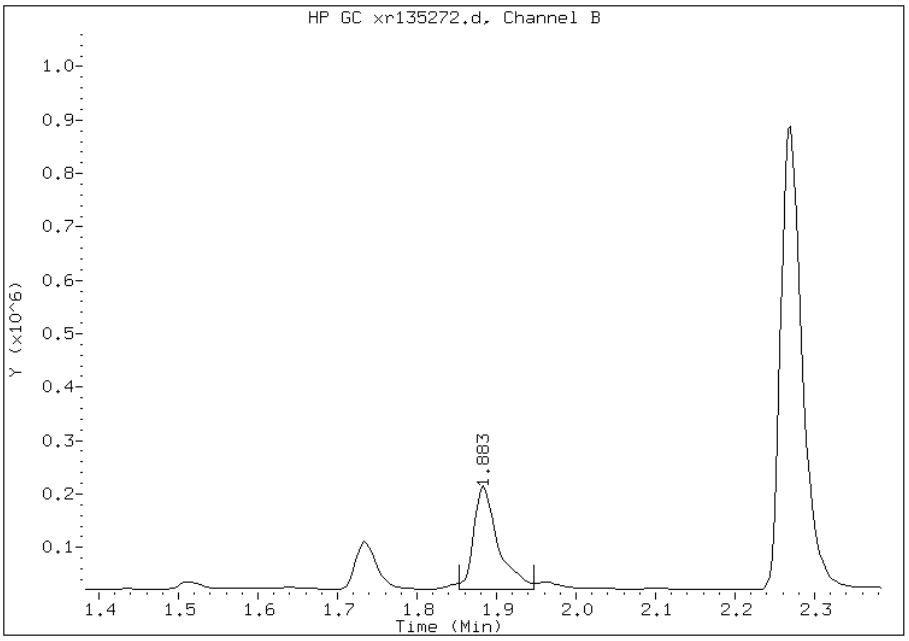
Manual Integration Results

RT: 1.88

Response: 407081

Amount: 74.04

Conc: 49.36



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116911/2-A

Matrix: Solid | Lab File ID: xf135318.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 07:33

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.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	152		6.7	1.5
319-84-6	alpha-BHC	137		6.7	1.2
319-85-7	beta-BHC	138		6.7	0.91
319-86-8	delta-BHC	81.3		6.7	1.0
58-89-9	gamma-BHC (Lindane)	138		6.7	0.78
57-74-9	*Chlordane*	*15*	*U*	*67*	*15*
72-54-8	4,4'-DDD	147		6.7	0.80
72-55-9	4,4'-DDE	155		6.7	1.3
50-29-3	4,4'-DDT	150		6.7	0.84
60-57-1	Dieldrin	134		6.7	1.3
959-98-8	Endosulfan I	145		6.7	1.4
33213-65-9	Endosulfan II	137		6.7	1.0
1031-07-8	Endosulfan sulfate	110		6.7	0.86
72-20-8	Endrin	150		6.7	0.94
7421-93-4	Endrin aldehyde	122		6.7	1.7
53494-70-5	Endrin ketone	130		6.7	0.99
76-44-8	Heptachlor	153		6.7	0.96
1024-57-3	Heptachlor epoxide	146		6.7	1.4
72-43-5	Methoxychlor	148		6.7	0.75
8001-35-2	*Toxaphene*	*14*	*U*	*67*	*14*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		40-150
2051-24-3	DCB Decachlorobiphenyl	119		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135318.d
Lab Smp Id: LCS 460-116911/2-A
Inj Date : 22-JUN-2012 07:33
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-116911/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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		
2.277	2.277	0.000	190923	63.8659	42	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.773	-0.003	872043	206.202	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.113	-0.003	801795	207.669	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.197	3.200	-0.003	401126	206.472	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.573	3.577	-0.004	461070	121.934	81	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		
3.683	3.687	-0.004	801872	229.120	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.473	4.467	0.006	907771	228.376	150	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.003	6.007	-0.004	817868	218.461	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.487	6.487	0.000	837233	218.021	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.847	6.847	0.000	793056	215.340	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.180	-0.003	756840	232.339	150	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.990	-0.003	721207	217.953	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.453	7.453	0.000	671093	201.499	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.830	-0.003	612535	224.567	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.937	-0.004	567011	220.530	150	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	576841	205.639	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	529774	224.652	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	415706	182.291	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	262916	222.443	150	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	397581	164.310	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	490762	195.386	130	80.00- 120.00	100.00

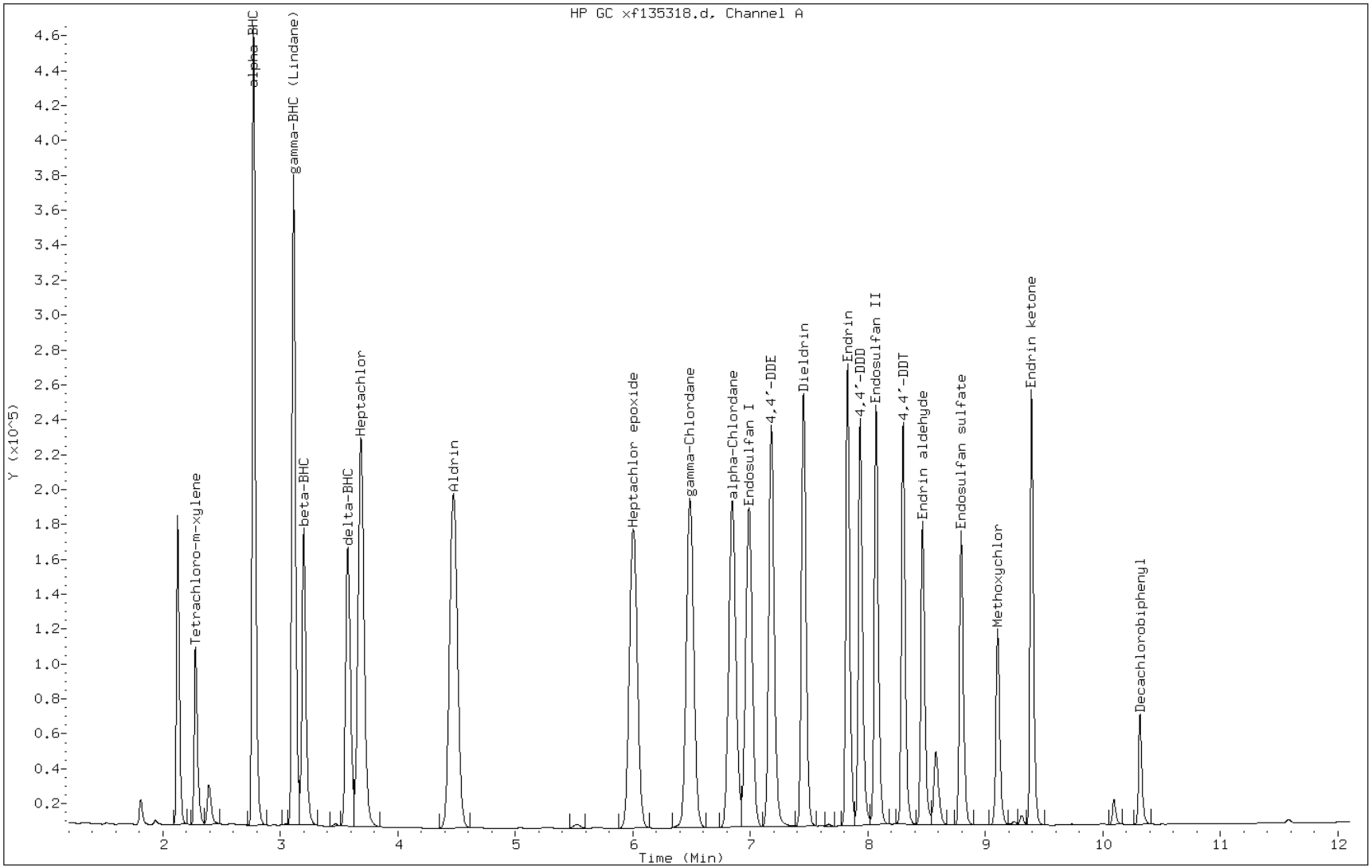
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	125186	59.3821	40	80.00- 120.00	100.00

Data File: xf135318.d

Date: 22-JUN-2012 07:33

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-116911/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116911/2-A

Matrix: Solid | Lab File ID: xr135318.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.00(g) | Date Analyzed: 06/22/2012 07:33

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.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*135*		*6.7*	*1.5*
319-84-6	*alpha-BHC*	*129*		*6.7*	*1.2*
319-85-7	*beta-BHC*	*136*		*6.7*	*0.91*
319-86-8	*delta-BHC*	*80.3*		*6.7*	*1.0*
58-89-9	*gamma-BHC (Lindane)*	*127*		*6.7*	*0.78*
57-74-9	Chlordane	15	U	67	15
72-54-8	*4,4'-DDD*	*139*		*6.7*	*0.80*
72-55-9	*4,4'-DDE*	*141*		*6.7*	*1.3*
50-29-3	*4,4'-DDT*	*134*		*6.7*	*0.84*
60-57-1	*Dieldrin*	*124*		*6.7*	*1.3*
959-98-8	*Endosulfan I*	*137*		*6.7*	*1.4*
33213-65-9	*Endosulfan II*	*126*		*6.7*	*1.0*
1031-07-8	*Endosulfan sulfate*	*99.2*		*6.7*	*0.86*
72-20-8	*Endrin*	*140*		*6.7*	*0.94*
7421-93-4	*Endrin aldehyde*	*116*		*6.7*	*1.7*
53494-70-5	*Endrin ketone*	*121*		*6.7*	*0.99*
76-44-8	*Heptachlor*	*136*		*6.7*	*0.96*
1024-57-3	*Heptachlor epoxide*	*133*		*6.7*	*1.4*
72-43-5	*Methoxychlor*	*130*		*6.7*	*0.75*
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	146		40-150
2051-24-3	DCB Decachlorobiphenyl	119		53-150

Data File: xr135318.d
Report Date: 25-Jun-2012 08:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135318.d
Lab Smp Id: LCS 460-116911/2-A
Inj Date : 22-JUN-2012 07:33
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-116911/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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		
1.883	1.883	0.000	402080	73.1285	49	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.270	-0.003	1411680	193.124	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.493	-0.003	1236626	191.061	130	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.557	2.557	0.000	650487	203.823	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.683	2.683	0.000	760714	120.478	80	80.00- 120.00	100.00

Data File: xr135318.d
Report Date: 25-Jun-2012 08:40

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	2.850	0.000	1248324	204.672	140	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.113	0.000	1222549	202.264	130	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.913	3.917	-0.004	1321438	199.924	130	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.210	4.213	-0.003	1380067	203.342	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.520	4.527	-0.007	1296609	202.440	130	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.727	4.730	-0.003	1259682	211.310	140	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.827	4.830	-0.003	1256610	206.150	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.423	5.430	-0.007	1159320	185.747	120	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.010	6.017	-0.007	1163090	209.637	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.207	6.213	-0.006	1017969	208.840	140	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.553	6.560	-0.007	1019576	189.401	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.873	6.877	-0.004	1033567	200.541	130	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.363	7.367	-0.004	639885	174.298	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	427513	194.781	130	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.877	7.880	-0.003	538566	148.727	99	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.187	8.190	-0.003	716737	181.771	120	80.00- 120.00	100.00

Data File: xr135318.d
Report Date: 25-Jun-2012 08:40

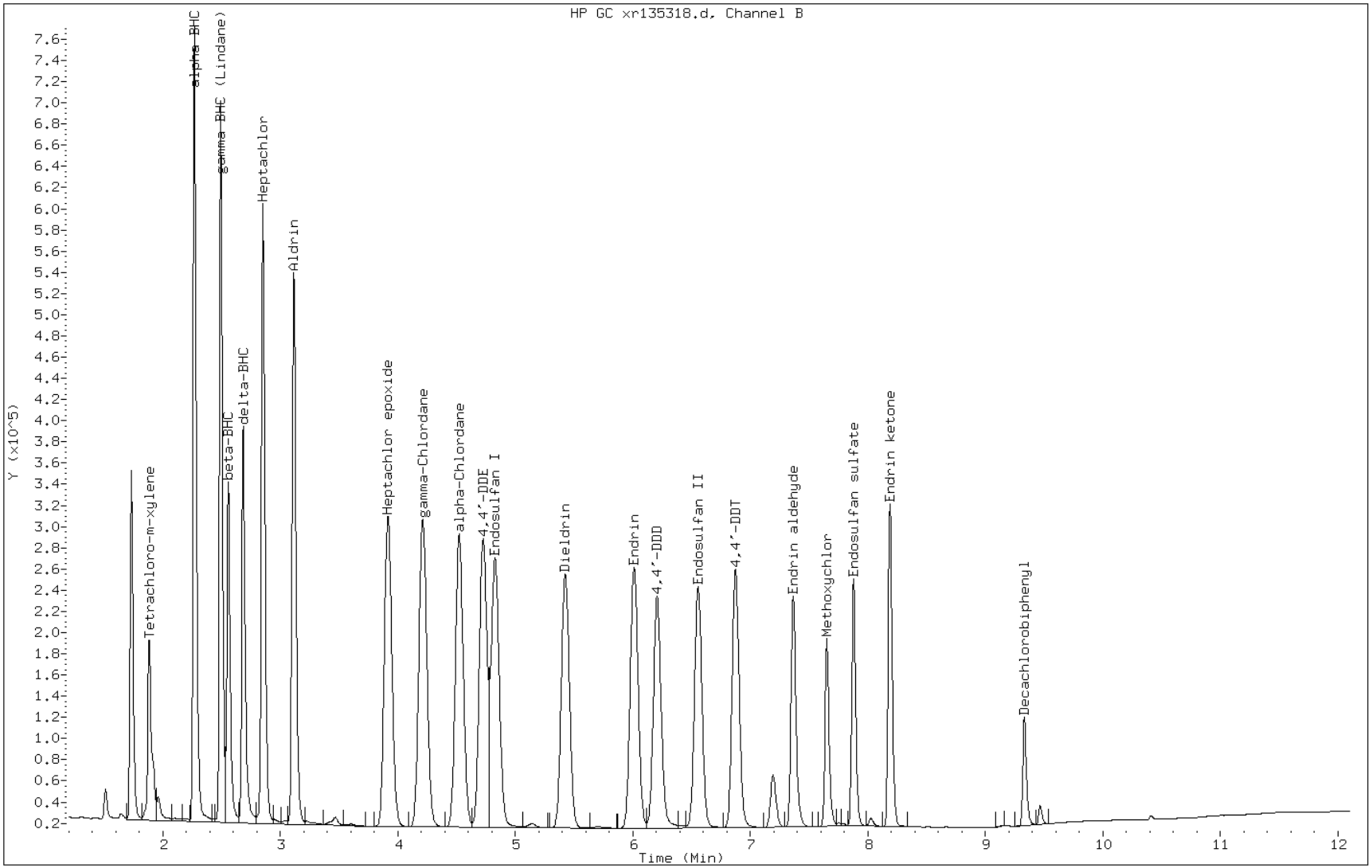
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	219931	59.3571	40	80.00- 120.00	100.00

Data File: xr135318.d

Date: 22-JUN-2012 07:33

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-116911/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: xf135319.d

Analysis Method: 8081A | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 07:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	169		7.8	1.7
319-84-6	alpha-BHC	160		7.8	1.4
319-85-7	beta-BHC	156		7.8	1.1
319-86-8	delta-BHC	133		7.8	1.2
58-89-9	gamma-BHC (Lindane)	160		7.8	0.91
57-74-9	*Chlordane*	*17*	*U*	*78*	*17*
72-54-8	4,4'-DDD	163		7.8	0.93
72-55-9	4,4'-DDE	170		7.8	1.5
50-29-3	4,4'-DDT	164		7.8	0.98
60-57-1	Dieldrin	150		7.8	1.5
959-98-8	Endosulfan I	163		7.8	1.6
33213-65-9	Endosulfan II	153		7.8	1.2
1031-07-8	Endosulfan sulfate	138		7.8	1.0
72-20-8	Endrin	167		7.8	1.1
7421-93-4	Endrin aldehyde	142		7.8	1.9
53494-70-5	Endrin ketone	151		7.8	1.2
76-44-8	Heptachlor	173		7.8	1.1
1024-57-3	Heptachlor epoxide	163		7.8	1.6
72-43-5	Methoxychlor	160		7.8	0.87
8001-35-2	*Toxaphene*	*16*	*U*	*78*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		40-150
2051-24-3	DCB Decachlorobiphenyl	110		53-150

Data File: xf135319.d
Report Date: 25-Jun-2012 08:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135319.d
Lab Smp Id: 460-41492-D-8-H MS
Inj Date : 22-JUN-2012 07:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-H
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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		
2.277	2.277	0.000	186324	62.3275	42	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.773	-0.003	873845	206.628	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.113	-0.003	794155	205.690	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.197	3.200	-0.003	389404	200.439	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.570	3.577	-0.007	647099	171.132	110	80.00- 120.00	100.00

Data File: xf135319.d
Report Date: 25-Jun-2012 08:33

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.683	3.687	-0.004	778638	222.481	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.470	4.467	0.003	867018	218.124	140	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.003	6.007	-0.004	786720	210.141	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.483	6.487	-0.004	802206	208.900	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.843	6.847	-0.004	764482	207.581	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.180	-0.003	713579	219.059	150	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.987	6.990	-0.003	696397	210.455	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.450	7.453	-0.003	642333	192.863	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.830	-0.003	586775	215.123	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.937	-0.004	540456	210.202	140	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	554507	197.677	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	499284	211.722	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.467	-0.004	418242	183.403	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	243194	205.757	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	430314	177.838	120	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	490081	195.115	130	80.00- 120.00	100.00

Data File: xf135319.d
Report Date: 25-Jun-2012 08:33

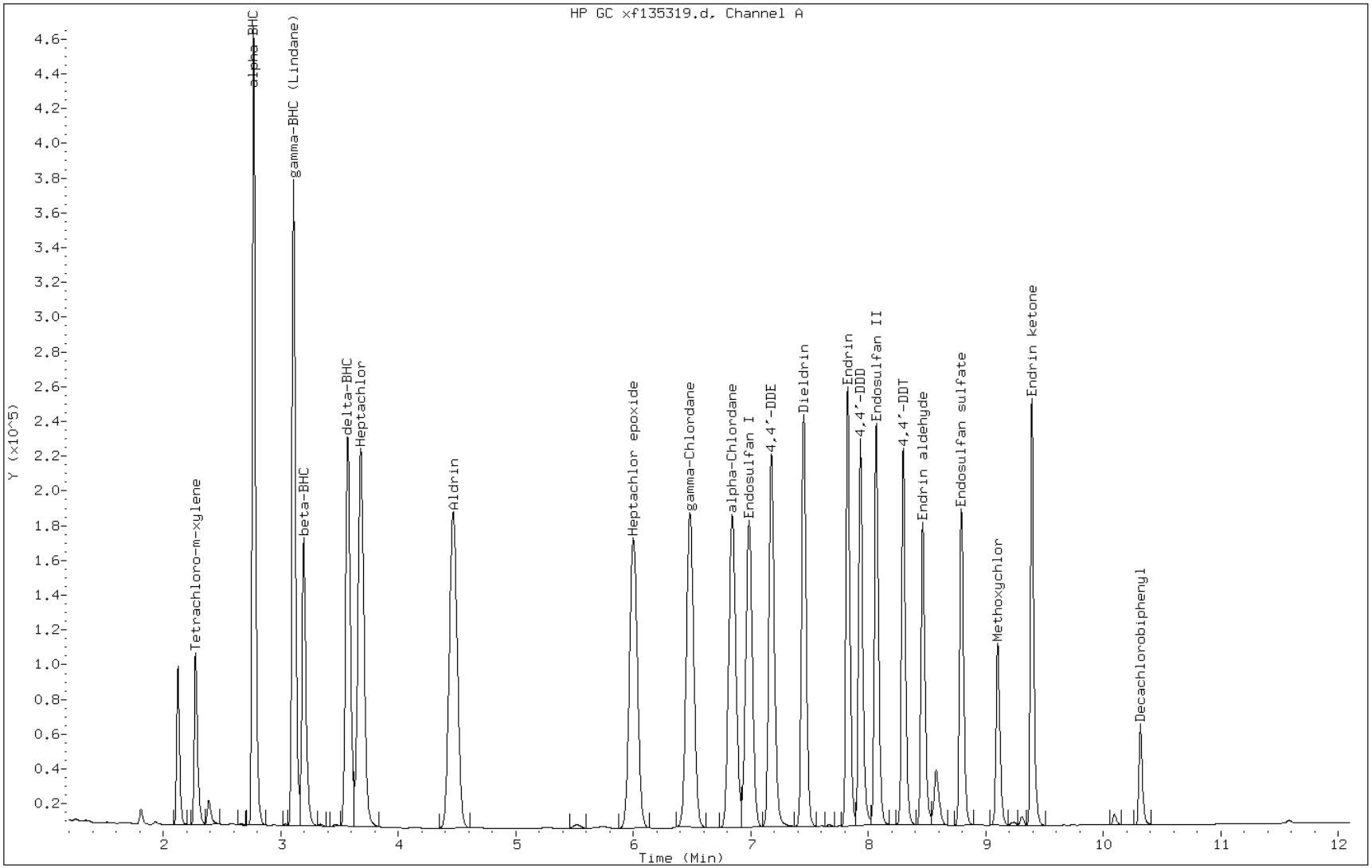
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	115449	54.7633	36	80.00- 120.00	100.00

Data File: xf135319.d

Date: 22-JUN-2012 07:46

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-H Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: xr135319.d

Analysis Method: 8081A | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 07:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*150*		*7.8*	*1.7*
319-84-6	*alpha-BHC*	*150*		*7.8*	*1.4*
319-85-7	*beta-BHC*	*151*		*7.8*	*1.1*
319-86-8	*delta-BHC*	*118*		*7.8*	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*147*		*7.8*	*0.91*
57-74-9	Chlordane	17	U	78	17
72-54-8	*4,4'-DDD*	*149*		*7.8*	*0.93*
72-55-9	*4,4'-DDE*	*154*		*7.8*	*1.5*
50-29-3	*4,4'-DDT*	*146*		*7.8*	*0.98*
60-57-1	*Dieldrin*	*137*		*7.8*	*1.5*
959-98-8	*Endosulfan I*	*151*		*7.8*	*1.6*
33213-65-9	*Endosulfan II*	*138*		*7.8*	*1.2*
1031-07-8	*Endosulfan sulfate*	*125*		*7.8*	*1.0*
72-20-8	*Endrin*	*154*		*7.8*	*1.1*
7421-93-4	*Endrin aldehyde*	*135*		*7.8*	*1.9*
53494-70-5	*Endrin ketone*	*141*		*7.8*	*1.2*
76-44-8	*Heptachlor*	*151*		*7.8*	*1.1*
1024-57-3	*Heptachlor epoxide*	*150*		*7.8*	*1.6*
72-43-5	*Methoxychlor*	*138*		*7.8*	*0.87*
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	133		40-150
2051-24-3	DCB Decachlorobiphenyl	108		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135319.d
Lab Smp Id: 460-41492-D-8-H MS
Inj Date : 22-JUN-2012 07:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-H
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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		
1.883	1.883	0.000	365862	66.5413	44	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.270	-0.003	1408619	192.705	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.493	-0.003	1223471	189.029	130	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.557	2.557	0.000	619527	194.122	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.683	2.683	0.000	958656	151.828	100	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		
2.850	2.850	0.000	1184354	194.183	130	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.113	0.000	1169544	193.494	130	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.913	3.917	-0.004	1280866	193.786	130	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.210	4.213	-0.003	1324018	195.084	130	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.523	4.527	-0.004	1240939	193.748	130	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.723	4.730	-0.007	1179245	197.817	130	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.827	4.830	-0.003	1184969	194.397	130	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.423	5.430	-0.007	1104377	176.944	120	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.010	6.017	-0.007	1101174	198.477	130	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.207	6.213	-0.006	937038	192.237	130	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.557	6.560	-0.003	957192	177.813	120	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.873	6.877	-0.004	971568	188.511	120	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.363	7.367	-0.004	640112	174.360	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	390760	178.036	120	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.877	7.880	-0.003	581519	160.589	110	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.187	8.190	-0.003	714983	181.326	120	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		
9.330	9.330	0.000	200696	54.1658	36	80.00- 120.00	100.00

Data File: xr135319.d

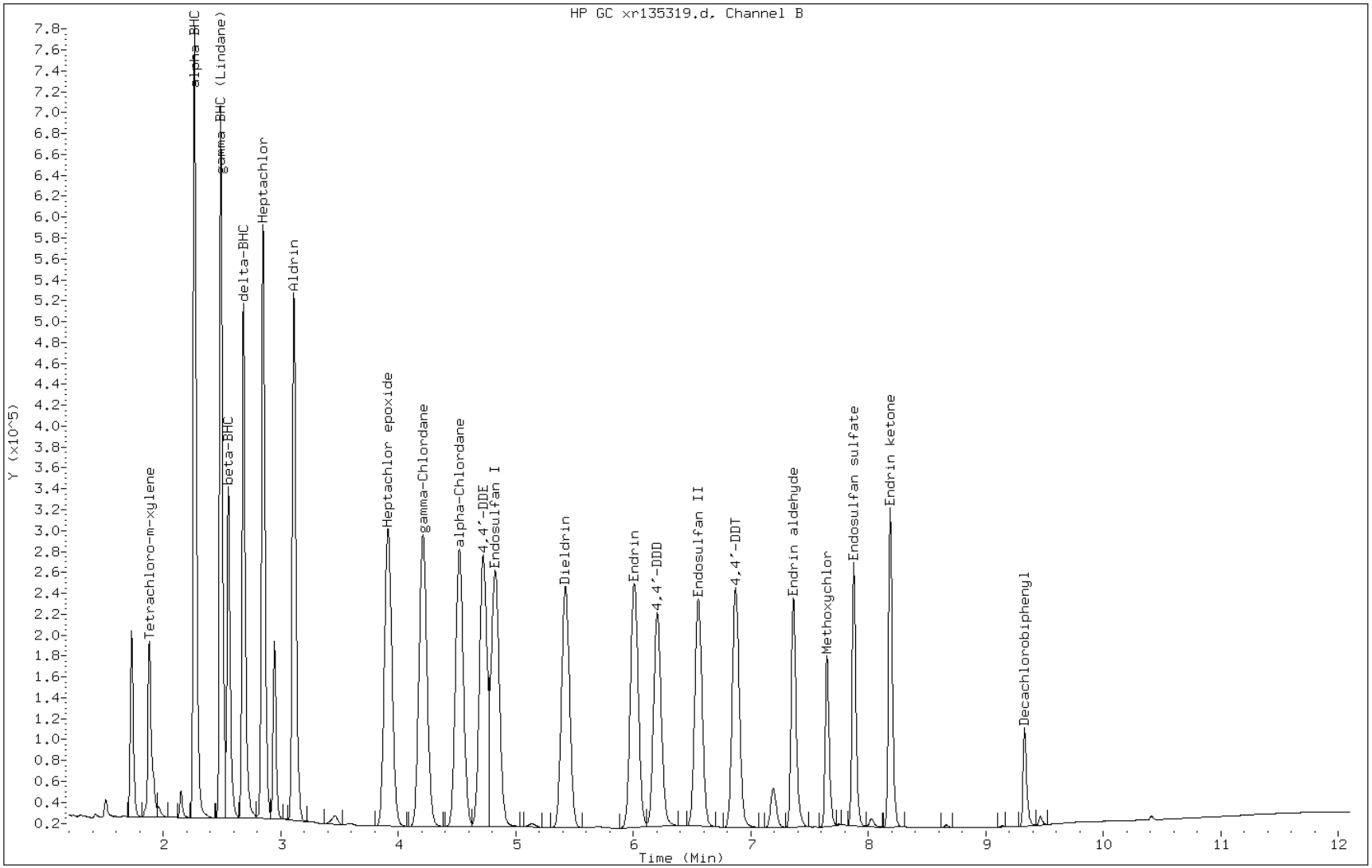
Date: 22-JUN-2012 07:46

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-H

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: xf135273.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.05(g) | Date Analyzed: 06/21/2012 12:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	181		7.7	1.7
319-84-6	alpha-BHC	171		7.7	1.4
319-85-7	*beta-BHC*	*166*		*7.7*	*1.0*
319-86-8	delta-BHC	171		7.7	1.2
58-89-9	gamma-BHC (Lindane)	170		7.7	0.89
57-74-9	*Chlordane*	*17*	*U*	*77*	*17*
72-54-8	*4,4'-DDD*	*175*		*7.7*	*0.92*
72-55-9	4,4'-DDE	182		7.7	1.5
50-29-3	*4,4'-DDT*	*165*		*7.7*	*0.96*
60-57-1	*Dieldrin*	*159*		*7.7*	*1.5*
959-98-8	*Endosulfan I*	*174*		*7.7*	*1.6*
33213-65-9	Endosulfan II	165		7.7	1.2
1031-07-8	Endosulfan sulfate	164		7.7	0.99
72-20-8	*Endrin*	*170*		*7.7*	*1.1*
7421-93-4	*Endrin aldehyde*	*161*		*7.7*	*1.9*
53494-70-5	Endrin ketone	176		7.7	1.1
76-44-8	Heptachlor	173		7.7	1.1
1024-57-3	Heptachlor epoxide	173		7.7	1.5
72-43-5	*Methoxychlor*	*157*		*7.7*	*0.86*
8001-35-2	*Toxaphene*	*16*	*U*	*77*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	126		40-150
2051-24-3	DCB Decachlorobiphenyl	120		53-150

Data File: xf135273.d
Report Date: 22-Jun-2012 09:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135273.d
Lab Smp Id: 460-41492-D-21-D
Inj Date : 21-JUN-2012 12:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-D
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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

	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		
	2.280	2.280	0.000	188058	62.9075	42	80.00- 120.00	100.00
	2 alpha-BHC					CAS #: 319-84-6		
	2.773	2.773	0.000	944986	223.450	150	80.00- 120.00	100.00
	5 gamma-BHC (Lindane)					CAS #: 58-89-9		
	3.113	3.113	0.000	858563	222.372	150	80.00- 120.00	100.00
	3 beta-BHC					CAS #: 319-85-7		
	3.200	3.200	0.000	422972	217.717	140	80.00- 120.00	100.00
	4 delta-BHC					CAS #: 319-86-8		
	3.577	3.580	-0.003	846042	223.744	150	80.00- 120.00	100.00

Data File: xf135273.d
Report Date: 22-Jun-2012 09:02

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.690	3.690	0.000	790808	225.959	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.470	4.467	0.003	940895	236.710	160	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.010	6.010	0.000	846538	226.119	150	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.493	6.490	0.003	866591	225.666	150	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.850	6.850	0.000	830176	225.419	150	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.183	7.183	0.000	776827	238.475	160	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.993	6.993	0.000	752030	227.267	150	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.457	7.457	0.000	694322	208.473	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	608451	223.070	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	588456	228.871	150	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.073	8.073	0.000	607157	216.447	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	510087	216.303	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	479559	210.291	140	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.107	-0.004	242302	205.003	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.797	8.797	0.000	520733	215.206	140	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	578698	230.395	150	80.00- 120.00	100.00

Data File: xf135273.d
Report Date: 22-Jun-2012 09:02

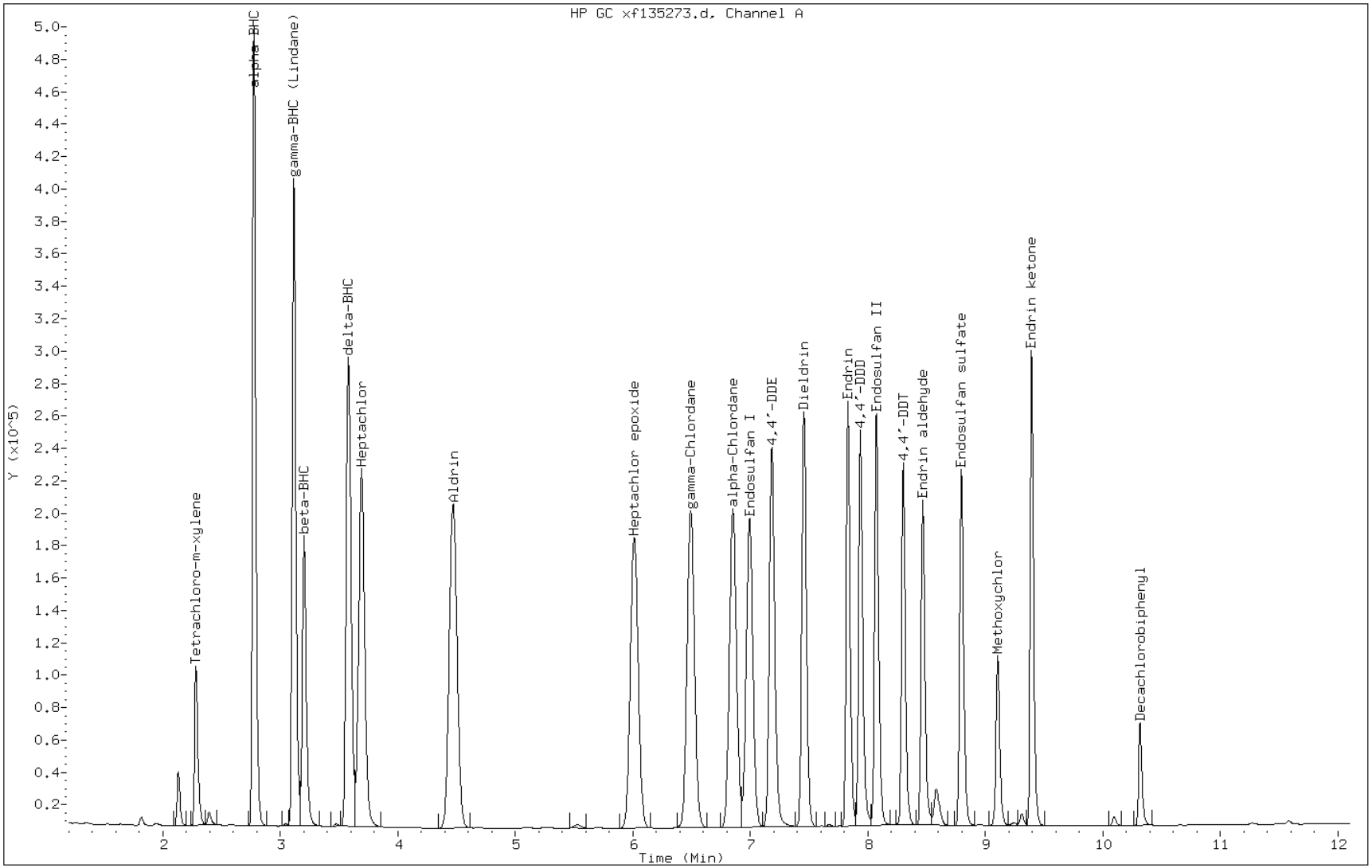
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	126516	60.0130	40	80.00- 120.00	100.00

Data File: xf135273.d

Date: 21-JUN-2012 12:46

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: xr135273.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.05(g) | Date Analyzed: 06/21/2012 12:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*170*		7.7	*1.7*
319-84-6	*alpha-BHC*	*164*		7.7	*1.4*
319-85-7	beta-BHC	169		7.7	1.0
319-86-8	*delta-BHC*	*167*		7.7	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*165*		7.7	*0.89*
57-74-9	Chlordane	17	U	77	17
72-54-8	4,4'-DDD	179		7.7	0.92
72-55-9	*4,4'-DDE*	*178*		7.7	*1.5*
50-29-3	4,4'-DDT	170		7.7	0.96
60-57-1	Dieldrin	162		7.7	1.5
959-98-8	Endosulfan I	174		7.7	1.6
33213-65-9	*Endosulfan II*	*161*		7.7	*1.2*
1031-07-8	*Endosulfan sulfate*	*162*		7.7	*0.99*
72-20-8	Endrin	173		7.7	1.1
7421-93-4	Endrin aldehyde	166		7.7	1.9
53494-70-5	*Endrin ketone*	*174*		7.7	*1.1*
76-44-8	*Heptachlor*	*165*		7.7	*1.1*
1024-57-3	*Heptachlor epoxide*	*167*		7.7	*1.5*
72-43-5	Methoxychlor	157		7.7	0.86
8001-35-2	Toxaphene	16	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	140		40-150
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135273.d
Lab Smp Id: 460-41492-D-21-D
Inj Date : 21-JUN-2012 12:46
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-D
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	1.883	0.000	383684	69.7827	46	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.270	2.270	0.000	1567467	214.436	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.493	2.493	0.000	1399023	216.152	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.557	2.557	0.000	704151	220.638	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.683	2.683	0.000	1379284	218.445	140	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
2.853	2.853	0.000	1316815	215.901	140	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.117	3.117	0.000	1348012	223.021	150	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.920	3.920	0.000	1449251	219.261	150	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.217	4.217	0.000	1542426	227.265	150	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.527	4.530	-0.003	1445386	225.668	150	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.733	4.733	0.000	1388916	232.989	160	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.833	4.833	0.000	1392531	228.448	150	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.433	5.433	0.000	1319921	211.479	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.020	6.020	0.000	1254919	226.188	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.213	6.213	0.000	1143822	234.659	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.563	6.563	0.000	1135675	210.968	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	1143692	221.908	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.367	0.000	799084	217.663	140	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	450361	205.191	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.880	7.880	0.000	768351	212.184	140	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.190	0.000	899927	228.229	150	80.00- 120.00	100.00

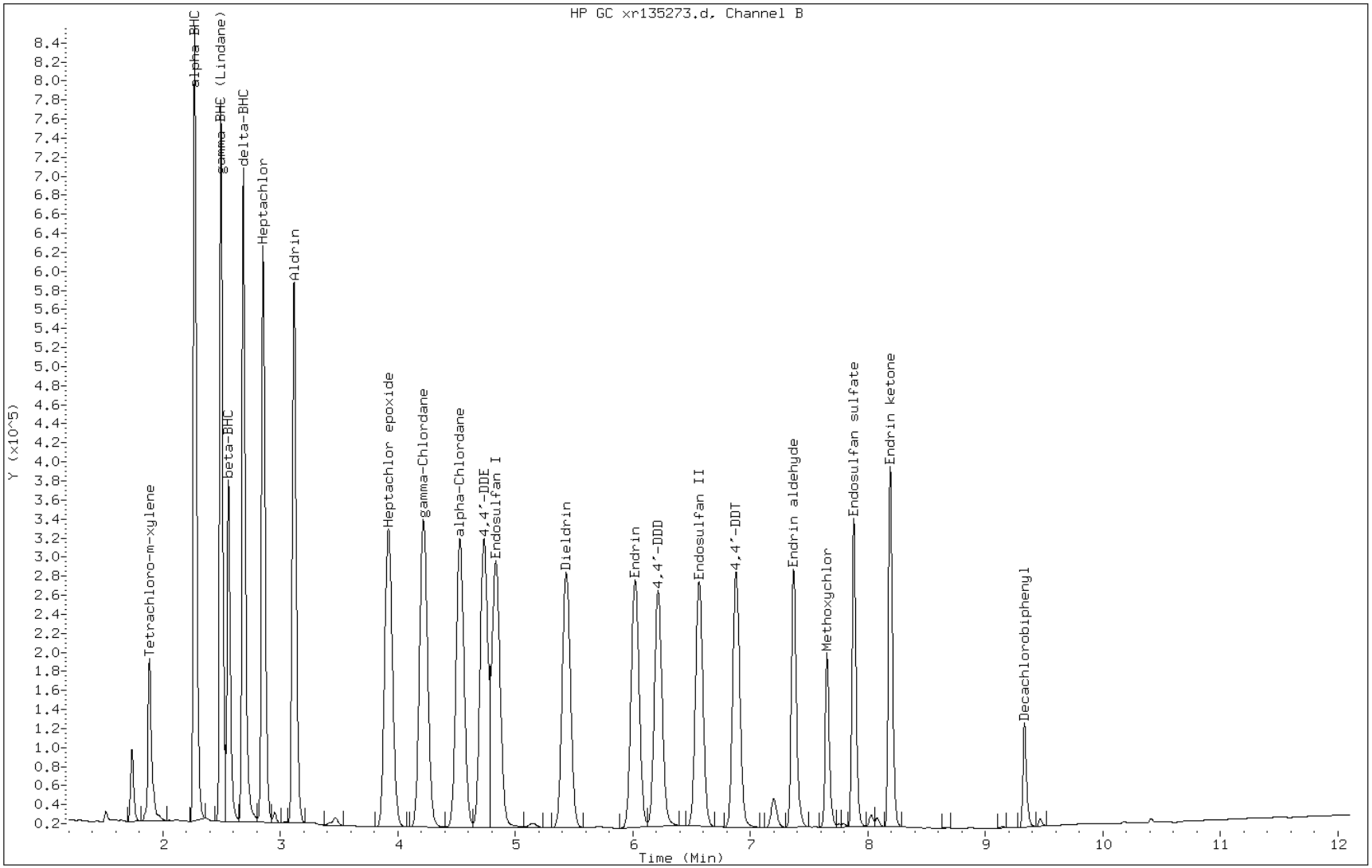
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.333	9.330	0.003	233855	63.1151	42	80.00- 120.00	100.00

Data File: xr135273.d

Date: 21-JUN-2012 12:46

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-D Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: xf135320.d

Analysis Method: 8081A | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 08:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	171		7.8	1.7
319-84-6	alpha-BHC	162		7.8	1.4
319-85-7	beta-BHC	159		7.8	1.1
319-86-8	delta-BHC	136		7.8	1.2
58-89-9	gamma-BHC (Lindane)	162		7.8	0.91
57-74-9	*Chlordane*	*17*	*U*	*78*	*17*
72-54-8	4,4'-DDD	163		7.8	0.93
72-55-9	4,4'-DDE	171		7.8	1.5
50-29-3	4,4'-DDT	165		7.8	0.98
60-57-1	Dieldrin	150		7.8	1.5
959-98-8	Endosulfan I	164		7.8	1.6
33213-65-9	Endosulfan II	152		7.8	1.2
1031-07-8	Endosulfan sulfate	137		7.8	1.0
72-20-8	Endrin	167		7.8	1.1
7421-93-4	Endrin aldehyde	141		7.8	1.9
53494-70-5	Endrin ketone	149		7.8	1.2
76-44-8	Heptachlor	175		7.8	1.1
1024-57-3	Heptachlor epoxide	165		7.8	1.6
72-43-5	Methoxychlor	160		7.8	0.88
8001-35-2	*Toxaphene*	*16*	*U*	*78*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		40-150
2051-24-3	DCB Decachlorobiphenyl	107		53-150

Data File: xf135320.d
Report Date: 25-Jun-2012 08:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/xf135320.d
Lab Smp Id: 460-41492-D-8-I MSD
Inj Date : 22-JUN-2012 08:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-I
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-22-12/22jun12a.b/09Xf8081.m
Meth Date : 25-Jun-2012 06:32 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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		
2.273	2.277	-0.004	186163	62.2736	42	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.770	2.773	-0.003	883252	208.853	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.110	3.113	-0.003	803279	208.053	140	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.197	3.200	-0.003	396998	204.348	140	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.570	3.577	-0.007	658847	174.238	120	80.00- 120.00	100.00

Data File: xf135320.d
Report Date: 25-Jun-2012 08:33

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	3.687	-0.007	789508	225.587	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.467	4.467	0.000	874019	219.885	150	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.000	6.007	-0.007	791651	211.458	140	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.480	6.487	-0.007	807178	210.195	140	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.840	6.847	-0.007	766871	208.230	140	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.177	7.180	-0.003	715640	219.691	150	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.983	6.990	-0.007	698356	211.047	140	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.450	7.453	-0.003	644263	193.443	130	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.827	7.830	-0.003	587212	215.283	140	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.933	7.937	-0.004	538940	209.613	140	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.070	8.070	0.000	549664	195.951	130	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.297	8.300	-0.003	499293	211.726	140	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.463	8.467	-0.004	412385	180.835	120	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.103	0.000	242459	205.135	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.793	8.793	0.000	425053	175.664	120	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	481180	191.571	130	80.00- 120.00	100.00

Data File: xf135320.d
Report Date: 25-Jun-2012 08:33

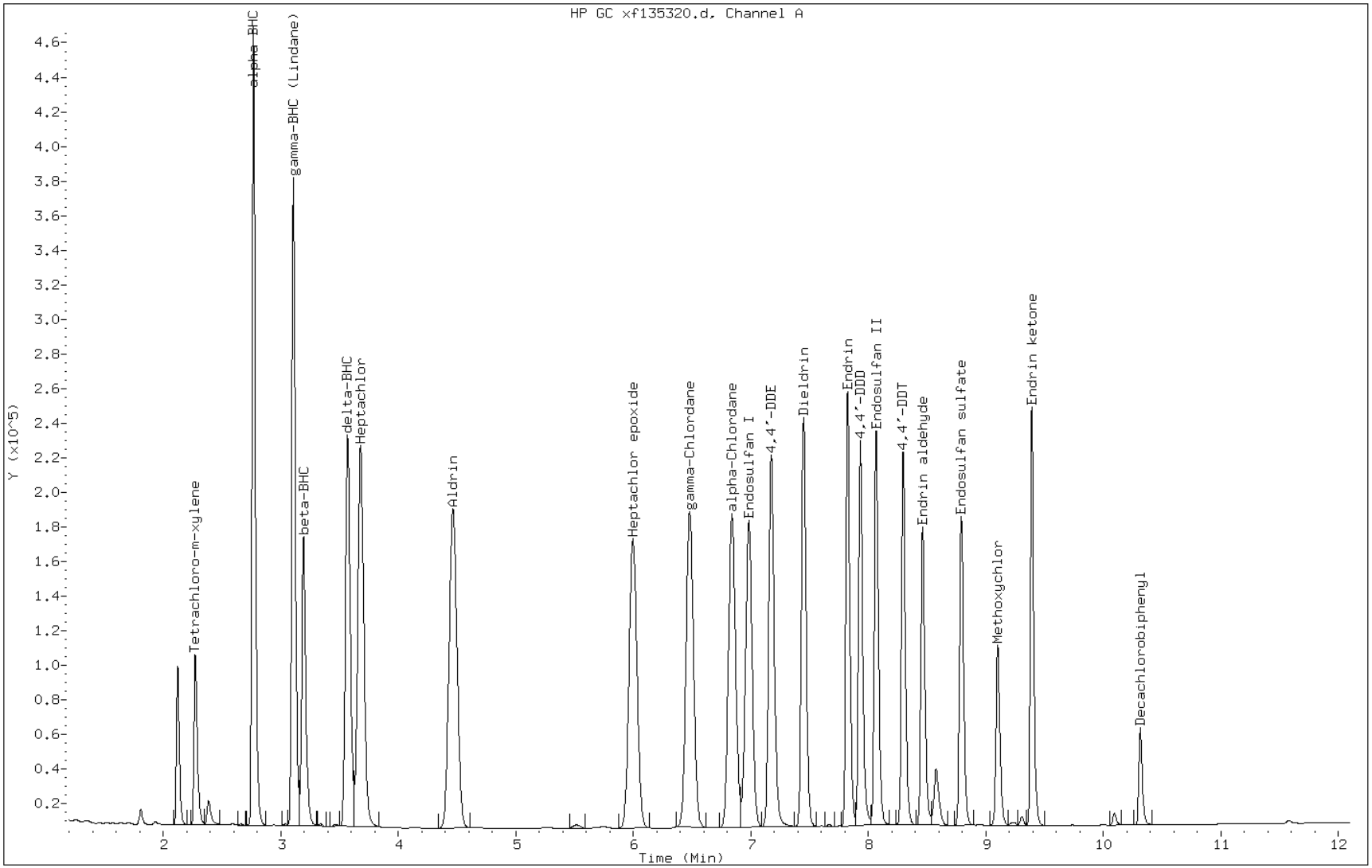
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.313	0.004	112890	53.5495	36	80.00- 120.00	100.00

Data File: xf135320.d

Date: 22-JUN-2012 08:00

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-I Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: xr135320.d

Analysis Method: 8081A | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 06:24

Sample wt/vol: 15.01(g) | Date Analyzed: 06/22/2012 08:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117312 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*153*		*7.8*	*1.7*
319-84-6	*alpha-BHC*	*152*		*7.8*	*1.4*
319-85-7	*beta-BHC*	*153*		*7.8*	*1.1*
319-86-8	*delta-BHC*	*125*		*7.8*	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*150*		*7.8*	*0.91*
57-74-9	Chlordane	17	U	78	17
72-54-8	*4,4'-DDD*	*150*		*7.8*	*0.93*
72-55-9	*4,4'-DDE*	*155*		*7.8*	*1.5*
50-29-3	*4,4'-DDT*	*147*		*7.8*	*0.98*
60-57-1	*Dieldrin*	*139*		*7.8*	*1.5*
959-98-8	*Endosulfan I*	*155*		*7.8*	*1.6*
33213-65-9	*Endosulfan II*	*138*		*7.8*	*1.2*
1031-07-8	*Endosulfan sulfate*	*124*		*7.8*	*1.0*
72-20-8	*Endrin*	*156*		*7.8*	*1.1*
7421-93-4	*Endrin aldehyde*	*134*		*7.8*	*1.9*
53494-70-5	*Endrin ketone*	*139*		*7.8*	*1.2*
76-44-8	*Heptachlor*	*154*		*7.8*	*1.1*
1024-57-3	*Heptachlor epoxide*	*153*		*7.8*	*1.6*
72-43-5	*Methoxychlor*	*137*		*7.8*	*0.88*
8001-35-2	Toxaphene	16	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	135		40-150
2051-24-3	DCB Decachlorobiphenyl	106		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/xr135320.d
Lab Smp Id: 460-41492-D-8-I MSD
Inj Date : 22-JUN-2012 08:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-8-I
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b/09Xr8081.m
Meth Date : 25-Jun-2012 06:27 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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		
1.880	1.883	-0.003	370905	67.4585	45	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.270	-0.003	1431430	195.826	130	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.493	-0.003	1251201	193.313	130	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.553	2.557	-0.004	629480	197.241	130	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.680	2.683	-0.003	1014149	160.616	110	80.00- 120.00	100.00

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
2.850	2.850	0.000	1204000	197.404	130	80.00- 120.00	100.00
1 Aldrin						CAS #: 309-00-2	
3.113	3.113	0.000	1191824	197.180	130	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
3.910	3.917	-0.007	1298198	196.408	130	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
4.210	4.213	-0.003	1349831	198.887	130	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
4.517	4.527	-0.010	1263652	197.294	130	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
4.723	4.730	-0.007	1189888	199.603	130	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
4.823	4.830	-0.007	1215262	199.367	130	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
5.420	5.430	-0.010	1117705	179.080	120	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.007	6.017	-0.010	1109372	199.955	130	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.203	6.213	-0.010	941620	193.177	130	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.553	6.560	-0.007	956216	177.631	120	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.870	6.877	-0.007	973237	188.835	120	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.363	7.367	-0.004	633482	172.554	120	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.650	7.650	0.000	387758	176.668	120	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.877	7.880	-0.003	575485	158.923	100	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
8.187	8.190	-0.003	706682	179.221	120	80.00- 120.00	100.00

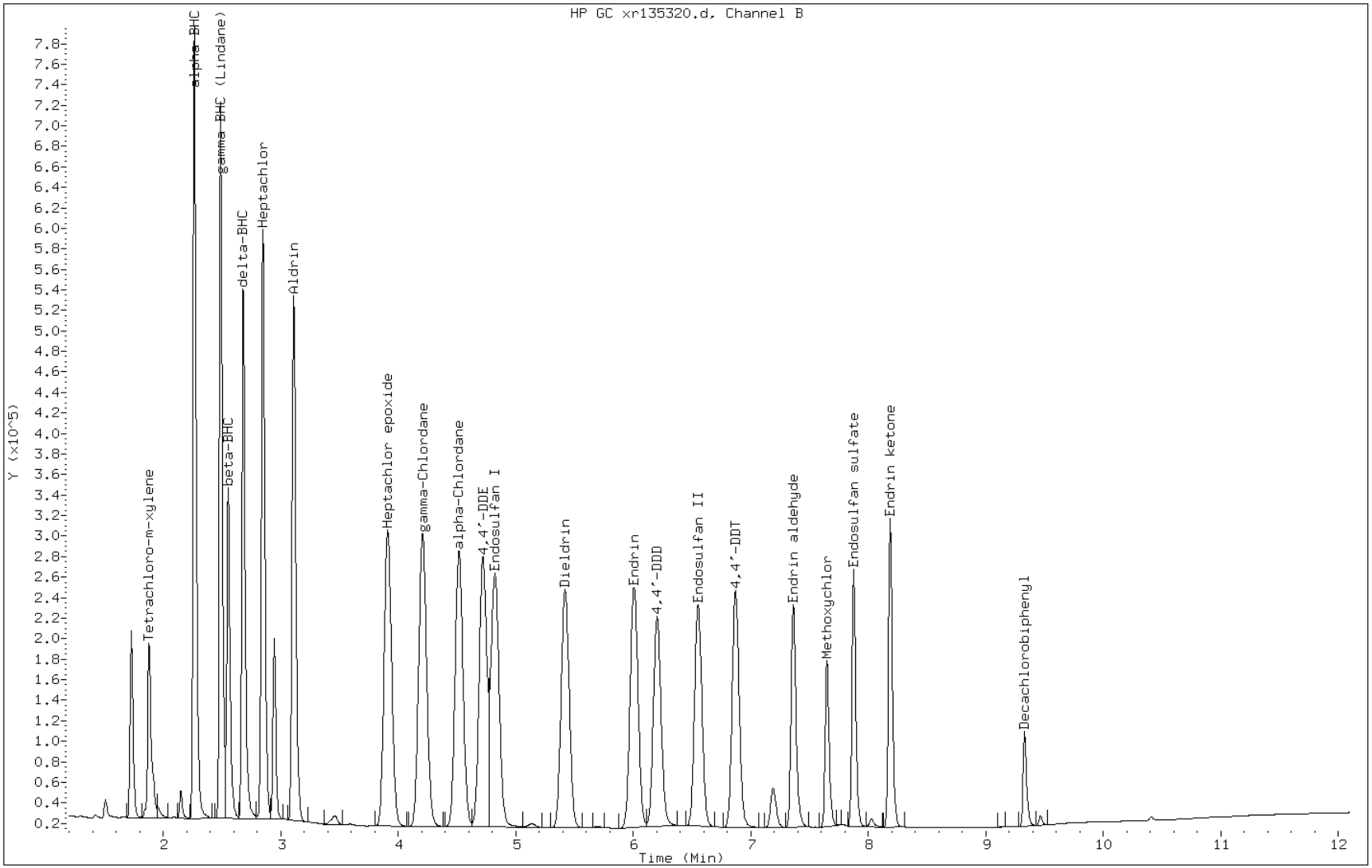
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	196704	53.0884	35	80.00- 120.00	100.00

Data File: xr135320.d

Date: 22-JUN-2012 08:00

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-8-I Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: xf135274.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.01(g) | Date Analyzed: 06/21/2012 13:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	186		7.7	1.7
319-84-6	alpha-BHC	176		7.7	1.4
319-85-7	beta-BHC	171		7.7	1.0
319-86-8	delta-BHC	174		7.7	1.2
58-89-9	gamma-BHC (Lindane)	175		7.7	0.90
57-74-9	*Chlordane*	*17*	*U*	*77*	*17*
72-54-8	*4,4'-DDD*	*182*		*7.7*	*0.92*
72-55-9	4,4'-DDE	188		7.7	1.5
50-29-3	*4,4'-DDT*	*173*		*7.7*	*0.96*
60-57-1	*Dieldrin*	*165*		*7.7*	*1.5*
959-98-8	*Endosulfan I*	*179*		*7.7*	*1.6*
33213-65-9	Endosulfan II	170		7.7	1.2
1031-07-8	Endosulfan sulfate	169		7.7	0.99
72-20-8	*Endrin*	*177*		*7.7*	*1.1*
7421-93-4	*Endrin aldehyde*	*164*		*7.7*	*1.9*
53494-70-5	Endrin ketone	182		7.7	1.1
76-44-8	Heptachlor	181		7.7	1.1
1024-57-3	Heptachlor epoxide	178		7.7	1.6
72-43-5	Methoxychlor	165		7.7	0.86
8001-35-2	*Toxaphene*	*16*	*U*	*77*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	137		40-150
2051-24-3	DCB Decachlorobiphenyl	124		53-150

Data File: xf135274.d
Report Date: 22-Jun-2012 09:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/xf135274.d
Lab Smp Id: 460-41492-D-21-E
Inj Date : 21-JUN-2012 13:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-E
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun12/06-21-12aical/21jun12c.b/09Xf8081.m
Meth Date : 22-Jun-2012 07:44 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xf135256.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		
2.280	2.280	0.000	205053	68.5925	46	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.773	2.773	0.000	973827	230.270	150	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.113	3.113	0.000	882301	228.520	150	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.200	3.200	0.000	434442	223.621	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.577	3.580	-0.003	858753	227.105	150	80.00- 120.00	100.00

Data File: xf135274.d
Report Date: 22-Jun-2012 09:02

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.690	3.690	0.000	825292	235.812	160	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
4.467	4.467	0.000	967441	243.388	160	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.010	6.010	0.000	871547	232.799	160	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.490	6.490	0.000	892293	232.359	150	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.850	6.850	0.000	855715	232.354	150	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
7.183	7.183	0.000	801166	245.947	160	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.990	6.993	-0.003	774496	234.057	160	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
7.457	7.457	0.000	715398	214.801	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.830	7.830	0.000	629014	230.608	150	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.937	7.937	0.000	609489	237.052	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
8.073	8.073	0.000	624084	222.481	150	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
8.300	8.300	0.000	533090	226.058	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
8.467	8.467	0.000	489032	214.445	140	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
9.103	9.107	-0.004	254826	215.599	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.797	8.797	0.000	533954	220.670	150	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
9.393	9.393	0.000	597502	237.882	160	80.00- 120.00	100.00

Data File: xf135274.d
Report Date: 22-Jun-2012 09:02

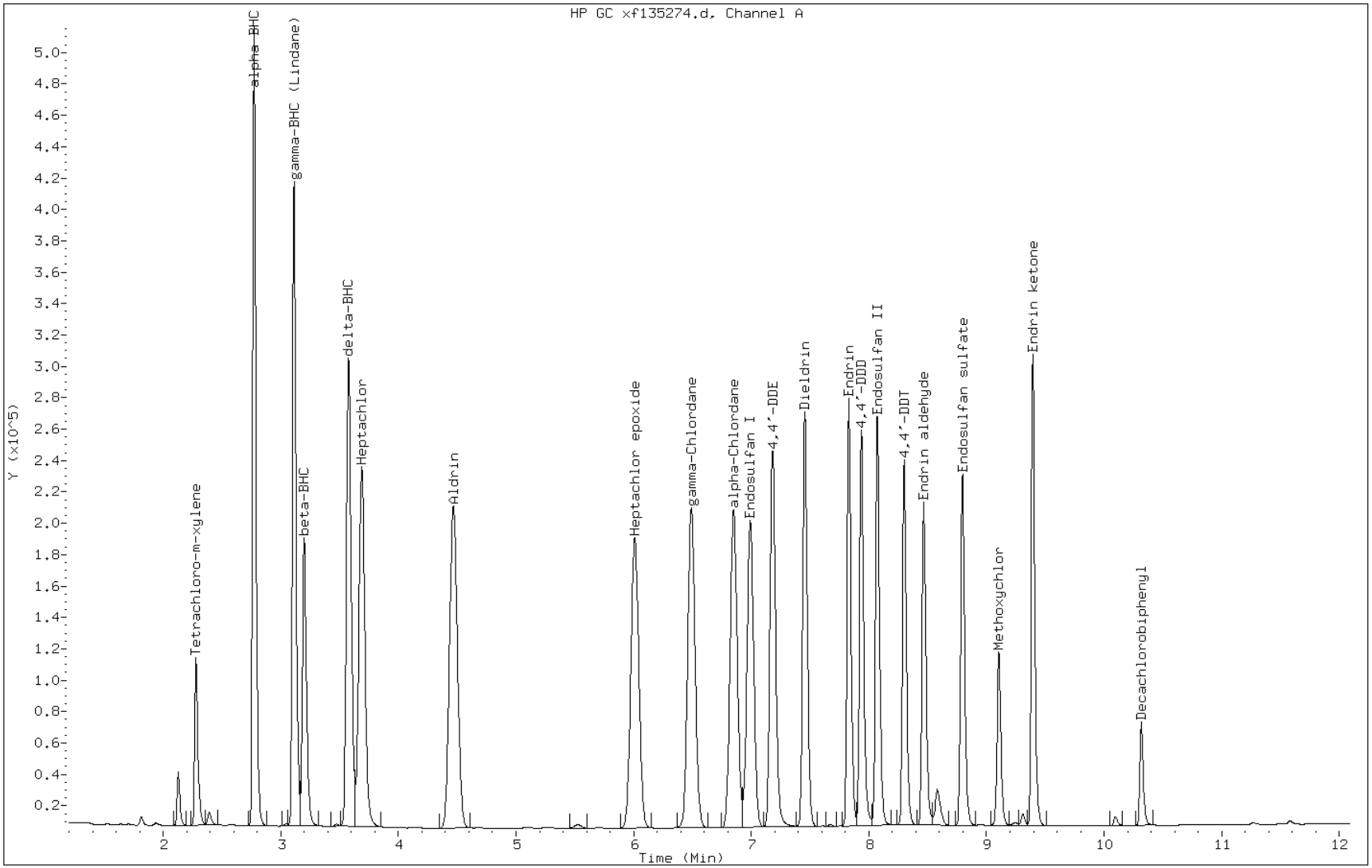
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.317	10.317	0.000	130988	62.1343	41	80.00- 120.00	100.00

Data File: xf135274.d

Date: 21-JUN-2012 13:00

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-E Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: xr135274.d

Analysis Method: 8081A | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:59

Sample wt/vol: 15.01(g) | Date Analyzed: 06/21/2012 13:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*174*		7.7	*1.7*
319-84-6	*alpha-BHC*	*167*		7.7	*1.4*
319-85-7	*beta-BHC*	*170*		7.7	*1.0*
319-86-8	*delta-BHC*	*168*		7.7	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*169*		7.7	*0.90*
57-74-9	Chlordane	17	U	77	17
72-54-8	4,4'-DDD	185		7.7	0.92
72-55-9	*4,4'-DDE*	*182*		7.7	*1.5*
50-29-3	4,4'-DDT	176		7.7	0.96
60-57-1	Dieldrin	167		7.7	1.5
959-98-8	Endosulfan I	182		7.7	1.6
33213-65-9	*Endosulfan II*	*166*		7.7	*1.2*
1031-07-8	*Endosulfan sulfate*	*166*		7.7	*0.99*
72-20-8	Endrin	178		7.7	1.1
7421-93-4	Endrin aldehyde	170		7.7	1.9
53494-70-5	*Endrin ketone*	*179*		7.7	*1.1*
76-44-8	*Heptachlor*	*168*		7.7	*1.1*
1024-57-3	*Heptachlor epoxide*	*172*		7.7	*1.6*
72-43-5	*Methoxychlor*	*162*		7.7	*0.86*
8001-35-2	Toxaphene	16	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	148		40-150
2051-24-3	DCB Decachlorobiphenyl	130		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/xr135274.d
Lab Smp Id: 460-41492-D-21-E
Inj Date : 21-JUN-2012 13:00
Operator : Inst ID: PESTGC1.i
Smp Info : 460-41492-D-21-E
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b/09Xr8081.m
Meth Date : 22-Jun-2012 07:42 ferdie Quant Type: ESTD
Cal Date : 21-JUN-2012 08:30 Cal File: xr135256.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	1.883	0.000	408175	74.2370	49	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.267	2.270	-0.003	1596367	218.390	140	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.490	2.493	-0.003	1430564	221.025	150	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.557	2.557	0.000	710417	222.601	150	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.683	2.683	0.000	1384884	219.332	150	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		
2.850	2.853	-0.003	1341731	219.986	150	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
3.113	3.117	-0.004	1370897	226.807	150	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
3.917	3.920	-0.003	1480577	224.001	150	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
4.217	4.217	0.000	1580776	232.915	160	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
4.527	4.530	-0.003	1497073	233.738	160	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
4.730	4.733	-0.003	1415184	237.396	160	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
4.830	4.833	-0.003	1445324	237.109	160	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
5.430	5.433	-0.003	1359540	217.827	140	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.017	6.020	-0.003	1291814	232.838	160	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.213	6.213	0.000	1178069	241.685	160	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.560	6.563	-0.003	1165708	216.547	140	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.877	6.877	0.000	1183939	229.717	150	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.367	7.367	0.000	817056	222.558	150	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.650	7.650	0.000	465095	211.904	140	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.880	7.880	0.000	785641	216.958	140	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.190	8.190	0.000	923859	234.299	160	80.00- 120.00	100.00

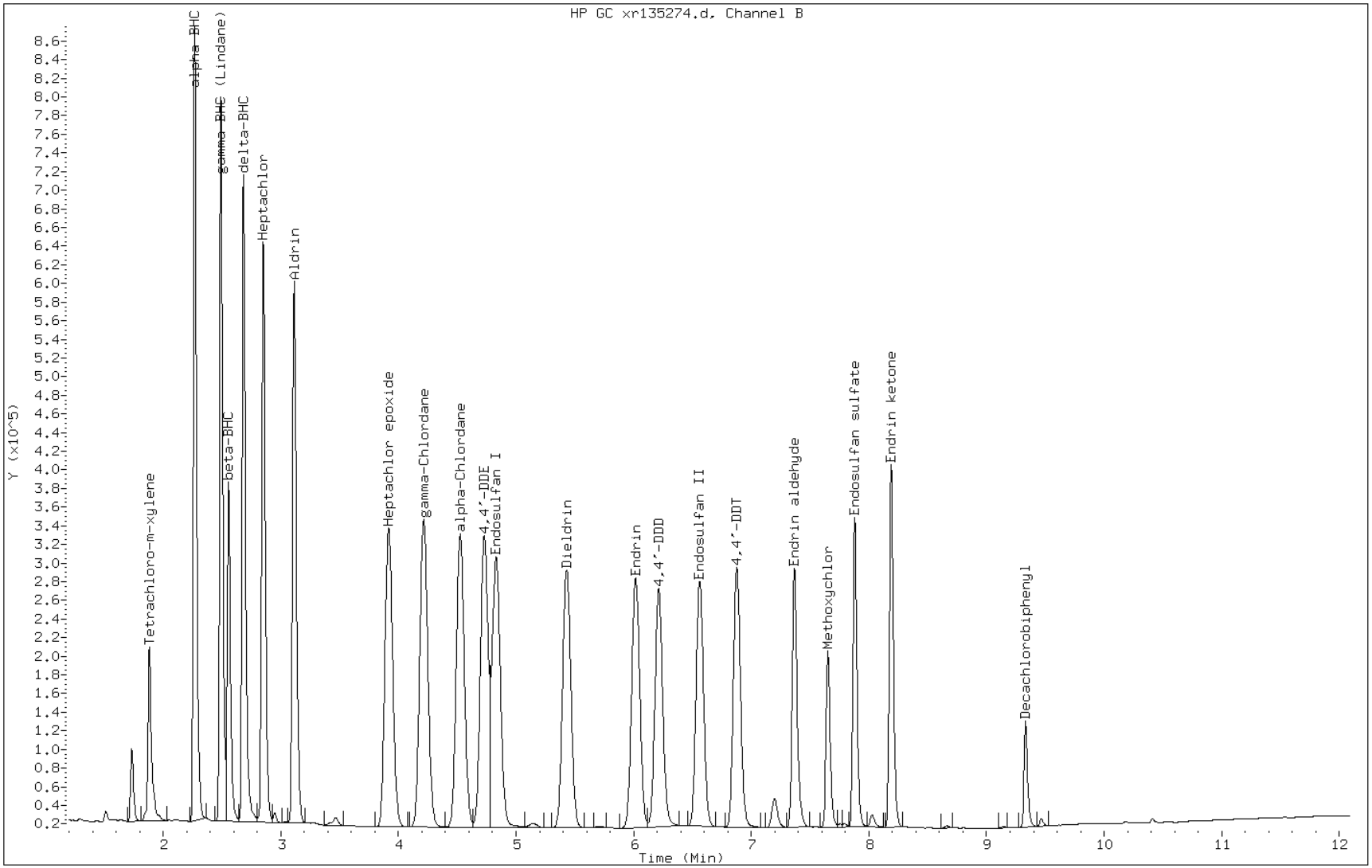
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.330	9.330	0.000	241070	65.0623	43	80.00- 120.00	100.00

Data File: xr135274.d

Date: 21-JUN-2012 13:00

Client ID: Instrument: PESTGC1.i

Sample Info: 460-41492-D-21-E Operator:



PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/21/2012 06:12

Analysis Batch Number: 116949 End Date: 06/21/2012 08:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-116949/1		06/21/2012 06:12	1		CLP-2 0.53(mm)
RINSE 460-116949/1		06/21/2012 06:12	1		CLP-1 0.53(mm)
RESC 460-116949/2		06/21/2012 06:26	1		CLP-2 0.53(mm)
RESC 460-116949/2		06/21/2012 06:26	1		CLP-1 0.53(mm)
PIBLK 460-116949/3		06/21/2012 06:40	1		CLP-2 0.53(mm)
PIBLK 460-116949/3		06/21/2012 06:40	1		CLP-1 0.53(mm)
PEM 460-116949/4		06/21/2012 06:54	1		CLP-2 0.53(mm)
PEM 460-116949/4		06/21/2012 06:54	1		CLP-1 0.53(mm)
IC 460-116949/5		06/21/2012 07:07	1	xf135250.d	CLP-2 0.53(mm)
IC 460-116949/5		06/21/2012 07:07	1	xr135250.d	CLP-1 0.53(mm)
IC 460-116949/6		06/21/2012 07:21	1	xf135251.d	CLP-2 0.53(mm)
IC 460-116949/6		06/21/2012 07:21	1	xr135251.d	CLP-1 0.53(mm)
IC 460-116949/7		06/21/2012 07:35	1	xf135252.d	CLP-2 0.53(mm)
IC 460-116949/7		06/21/2012 07:35	1	xr135252.d	CLP-1 0.53(mm)
IC 460-116949/8		06/21/2012 07:49	1	xf135253.d	CLP-2 0.53(mm)
IC 460-116949/8		06/21/2012 07:49	1	xr135253.d	CLP-1 0.53(mm)
IC 460-116949/9		06/21/2012 08:02	1	xf135254.d	CLP-2 0.53(mm)
IC 460-116949/9		06/21/2012 08:02	1	xr135254.d	CLP-1 0.53(mm)
IC 460-116949/10		06/21/2012 08:16	1	xf135255.d	CLP-2 0.53(mm)
IC 460-116949/10		06/21/2012 08:16	1	xr135255.d	CLP-1 0.53(mm)
IC 460-116949/11		06/21/2012 08:30	1	xf135256.d	CLP-2 0.53(mm)
IC 460-116949/11		06/21/2012 08:30	1	xr135256.d	CLP-1 0.53(mm)
ICV 460-116949/12		06/21/2012 08:44	1		CLP-2 0.53(mm)
ICV 460-116949/12		06/21/2012 08:44	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/21/2012 11:47

Analysis Batch Number: 117101 End Date: 06/21/2012 16:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-117101/1		06/21/2012 11:47	1	xf135270.d	CLP-2 0.53(mm)
CCVRT 460-117101/1		06/21/2012 11:47	1	xr135270.d	CLP-1 0.53(mm)
PEM 460-117101/2		06/21/2012 12:01	1	xf135271.d	CLP-2 0.53(mm)
PEM 460-117101/2		06/21/2012 12:01	1	xr135271.d	CLP-1 0.53(mm)
LCS 460-116910/2-A		06/21/2012 12:33	1	xf135272.d	CLP-2 0.53(mm)
LCS 460-116910/2-A		06/21/2012 12:33	1	xr135272.d	CLP-1 0.53(mm)
460-41492-21 MS	F-6 MS	06/21/2012 12:46	1	xf135273.d	CLP-2 0.53(mm)
460-41492-21 MS	F-6 MS	06/21/2012 12:46	1	xr135273.d	CLP-1 0.53(mm)
460-41492-21 MSD	F-6 MSD	06/21/2012 13:00	1	xf135274.d	CLP-2 0.53(mm)
460-41492-21 MSD	F-6 MSD	06/21/2012 13:00	1	xr135274.d	CLP-1 0.53(mm)
ZZZZZ		06/21/2012 13:14	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 13:14	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 13:28	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 13:28	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 13:42	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 13:42	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 13:55	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 13:55	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 14:09	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 14:09	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 14:23	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 14:23	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 14:37	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 14:37	1		CLP-1 0.53(mm)
460-41492-21	F-6	06/21/2012 14:50	1	xf135282.d	CLP-2 0.53(mm)
460-41492-21	F-6	06/21/2012 14:50	1	xr135282.d	CLP-1 0.53(mm)
460-41492-22	F-7	06/21/2012 15:04	1	xf135283.d	CLP-2 0.53(mm)
460-41492-22	F-7	06/21/2012 15:04	1	xr135283.d	CLP-1 0.53(mm)
ZZZZZ		06/21/2012 15:18	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 15:18	1		CLP-1 0.53(mm)
MDLV 460-111424/9-A		06/21/2012 15:32	1		CLP-2 0.53(mm)
MDLV 460-111424/9-A		06/21/2012 15:32	1		CLP-1 0.53(mm)
MDLV 460-111424/10-A		06/21/2012 15:45	1		CLP-2 0.53(mm)
MDLV 460-111424/10-A		06/21/2012 15:45	1		CLP-1 0.53(mm)
MB 460-116910/1-A		06/21/2012 15:59	1	xf135287.d	CLP-2 0.53(mm)
MB 460-116910/1-A		06/21/2012 15:59	1	xr135287.d	CLP-1 0.53(mm)
ZZZZZ		06/21/2012 16:13	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 16:13	1		CLP-1 0.53(mm)
CCV 460-117101/20		06/21/2012 16:27	1	xf135289.d	CLP-2 0.53(mm)
CCV 460-117101/20		06/21/2012 16:27	1	xr135289.d	CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/22/2012 05:56

Analysis Batch Number: 117312 End Date: 06/22/2012 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-117312/1		06/22/2012 05:56	1		CLP-2 0.53(mm)
RINSE 460-117312/1		06/22/2012 05:56	1		CLP-1 0.53(mm)
ZZZZZ		06/22/2012 06:11	1		CLP-2 0.53(mm)
ZZZZZ		06/22/2012 06:11	1		CLP-1 0.53(mm)
ZZZZZ		06/22/2012 06:24	1		CLP-2 0.53(mm)
ZZZZZ		06/22/2012 06:24	1		CLP-1 0.53(mm)
PEM 460-117312/4		06/22/2012 06:38	1	xf135316.d	CLP-2 0.53(mm)
PEM 460-117312/4		06/22/2012 06:38	1	xr135316.d	CLP-1 0.53(mm)
CCVRT 460-117312/5		06/22/2012 06:52	1	xf135317.d	CLP-2 0.53(mm)
CCVRT 460-117312/5		06/22/2012 06:52	1	xr135317.d	CLP-1 0.53(mm)
LCS 460-116911/2-A		06/22/2012 07:33	1	xf135318.d	CLP-2 0.53(mm)
LCS 460-116911/2-A		06/22/2012 07:33	1	xr135318.d	CLP-1 0.53(mm)
460-41492-8 MS	SF-8 MS	06/22/2012 07:46	1	xf135319.d	CLP-2 0.53(mm)
460-41492-8 MS	SF-8 MS	06/22/2012 07:46	1	xr135319.d	CLP-1 0.53(mm)
460-41492-8 MSD	SF-8 MSD	06/22/2012 08:00	1	xf135320.d	CLP-2 0.53(mm)
460-41492-8 MSD	SF-8 MSD	06/22/2012 08:00	1	xr135320.d	CLP-1 0.53(mm)
460-41492-1	SF-1	06/22/2012 08:14	1	xf135321.d	CLP-2 0.53(mm)
460-41492-1	SF-1	06/22/2012 08:14	1	xr135321.d	CLP-1 0.53(mm)
460-41492-2	SF-2	06/22/2012 08:28	1	xf135322.d	CLP-2 0.53(mm)
460-41492-2	SF-2	06/22/2012 08:28	1	xr135322.d	CLP-1 0.53(mm)
460-41492-3	SF-3	06/22/2012 08:42	1	xf135323.d	CLP-2 0.53(mm)
460-41492-3	SF-3	06/22/2012 08:42	1	xr135323.d	CLP-1 0.53(mm)
460-41492-4	SF-4	06/22/2012 08:55	1	xf135324.d	CLP-2 0.53(mm)
460-41492-4	SF-4	06/22/2012 08:55	1	xr135324.d	CLP-1 0.53(mm)
460-41492-5	SF-5	06/22/2012 09:09	1	xf135325.d	CLP-2 0.53(mm)
460-41492-5	SF-5	06/22/2012 09:09	1	xr135325.d	CLP-1 0.53(mm)
460-41492-6	SF-6	06/22/2012 09:23	1	xf135326.d	CLP-2 0.53(mm)
460-41492-6	SF-6	06/22/2012 09:23	1	xr135326.d	CLP-1 0.53(mm)
460-41492-7	SF-7	06/22/2012 09:37	1	xf135327.d	CLP-2 0.53(mm)
460-41492-7	SF-7	06/22/2012 09:37	1	xr135327.d	CLP-1 0.53(mm)
460-41492-8	SF-8	06/22/2012 09:51	1	xf135328.d	CLP-2 0.53(mm)
460-41492-8	SF-8	06/22/2012 09:51	1	xr135328.d	CLP-1 0.53(mm)
460-41492-9	SF-9	06/22/2012 10:04	1	xf135329.d	CLP-2 0.53(mm)
460-41492-9	SF-9	06/22/2012 10:04	1	xr135329.d	CLP-1 0.53(mm)
460-41492-10	SF-10	06/22/2012 10:18	1	xf135330.d	CLP-2 0.53(mm)
460-41492-10	SF-10	06/22/2012 10:18	1	xr135330.d	CLP-1 0.53(mm)
460-41492-11	SF-11	06/22/2012 10:32	1	xf135331.d	CLP-2 0.53(mm)
460-41492-11	SF-11	06/22/2012 10:32	1	xr135331.d	CLP-1 0.53(mm)
460-41492-12	SF-12	06/22/2012 10:46	1	xf135332.d	CLP-2 0.53(mm)
460-41492-12	SF-12	06/22/2012 10:46	1	xr135332.d	CLP-1 0.53(mm)
460-41492-13	SF-13	06/22/2012 11:00	1	xf135333.d	CLP-2 0.53(mm)
460-41492-13	SF-13	06/22/2012 11:00	1	xr135333.d	CLP-1 0.53(mm)
460-41492-14	SF-14	06/22/2012 11:13	1	xf135334.d	CLP-2 0.53(mm)
460-41492-14	SF-14	06/22/2012 11:13	1	xr135334.d	CLP-1 0.53(mm)
460-41492-15	FD-C	06/22/2012 11:27	1	xf135335.d	CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/22/2012 05:56

Analysis Batch Number: 117312 End Date: 06/22/2012 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-41492-15	FD-C	06/22/2012 11:27	1	xr135335.d	CLP-1 0.53(mm)
460-41492-16	F-1	06/22/2012 11:41	1	xf135336.d	CLP-2 0.53(mm)
460-41492-16	F-1	06/22/2012 11:41	1	xr135336.d	CLP-1 0.53(mm)
460-41492-17	F-2	06/22/2012 11:55	1	xf135337.d	CLP-2 0.53(mm)
460-41492-17	F-2	06/22/2012 11:55	1	xr135337.d	CLP-1 0.53(mm)
460-41492-19	F-4	06/22/2012 12:09	1	xf135338.d	CLP-2 0.53(mm)
460-41492-19	F-4	06/22/2012 12:09	1	xr135338.d	CLP-1 0.53(mm)
460-41492-20	F-5	06/22/2012 12:22	1	xf135339.d	CLP-2 0.53(mm)
460-41492-20	F-5	06/22/2012 12:22	1	xr135339.d	CLP-1 0.53(mm)
460-41492-23	FD-D	06/22/2012 12:36	1	xf135340.d	CLP-2 0.53(mm)
460-41492-23	FD-D	06/22/2012 12:36	1	xr135340.d	CLP-1 0.53(mm)
MB 460-116911/1-A		06/22/2012 12:50	1	xf135341.d	CLP-2 0.53(mm)
MB 460-116911/1-A		06/22/2012 12:50	1	xr135341.d	CLP-1 0.53(mm)
ZZZZZ		06/22/2012 13:04	1		CLP-2 0.53(mm)
ZZZZZ		06/22/2012 13:04	1		CLP-1 0.53(mm)
CCV 460-117312/31		06/22/2012 13:18	1	xf135343.d	CLP-2 0.53(mm)
CCV 460-117312/31		06/22/2012 13:18	1	xr135343.d	CLP-1 0.53(mm)
ZZZZZ		06/22/2012 13:31	1		CLP-2 0.53(mm)
ZZZZZ		06/22/2012 13:31	1		CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12a.b

Date Generated: 06/21/2012

	Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
												11b949
1	06/21/12 0612	xr135246	1	Rinse	21jun12a		15	10	1	SAMPLE		VG
2	06/21/12 0626	xr135247	2	SGRESC_00012	21jun12a		15	10	1	SAMPLE		G
3	06/21/12 0640	xr135248	3	SGPIBLK_00013	21jun12a		15	10	1	SAMPLE		G
4	06/21/12 0654	xr135249	4	SGDDT/EI_00018	21jun12a		15	10	1	SAMPLE		G
5	06/21/12 0707	xr135250	5	SGPESTL3_00013			0	0	1	CALIB_3		G
6	06/21/12 0721	xr135251	6	SGPESTL1_00015			0	0	1	CALIB_1		G
7	06/21/12 0735	xr135252	7	SGPESTL2_00012			0	0	1	CALIB_2		G
8	06/21/12 0749	xr135253	8	SGPESTL4_00012			0	0	1	CALIB_4		G
9	06/21/12 0802	xr135254	9	SGPESTL5_00012			0	0	1	CALIB_5		G
10	06/21/12 0816	xr135255	10	SGCHORL3_00010			0	0	1	CALIB_3		G
11	06/21/12 0830	xr135256	11	SGTOXL3_00013			0	0	1	CALIB_3		G
12	06/21/12 0844	xr135257	12	SGPTICV_00017			1	1	1	BS		G

Signed: _____ Read and Understood by: _____

Date: 06/21/12 Date: 6/26

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b

Date Generated: 06/22/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											117101
06/21/12 1147	xr135270	23	SGPESTL3_00013	NA	NA	0	0	1	CCALIB_3		G
06/21/12 1201	xr135271	24	SGDDT/EI_00018	21jun12c		15	10	1	SAMPLE		G
06/21/12 1233	xr135272	27	LCS 460-116910/2	21jun12c		15	10	1	SAMPLE		G
06/21/12 1246	xr135273	28	460-41492-D-21-D	21jun12c		15	10	1	SAMPLE		G
06/21/12 1300	xr135274	29	460-41492-D-21-E	21jun12c		15	10	1	SAMPLE		G
06/21/12 1314	xr135275	30	460-41459-F-12-E	460-116910	06/21/12	15.1	10	1	SAMPLE		G
06/21/12 1328	xr135276	31	460-41459-G-14-C	460-116910	06/21/12	15	10	1	SAMPLE		G
06/21/12 1342	xr135277	32	460-41459-D-16-C	460-116910	06/21/12	15	10	1	SAMPLE		G
06/21/12 1355	xr135278	33	460-41489-F-1-A	460-116910	06/21/12	15	10	1	SAMPLE		G
06/21/12 1409	xr135279	34	460-41489-G-2-B	460-116910	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 1423	xr135280	35	460-41489-G-3-B	460-116910	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 1437	xr135281	36	460-41489-G-4-B	460-116910	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 1450	xr135282	37	460-41492-D-21-F	460-116910	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 1504	xr135283	38	460-41492-D-22-B	460-116910	06/21/12	15.0	10	1	SAMPLE		G

06/22/12

6/28/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-21-12aical/21jun12c.b

Date Generated: 06/22/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/21/12 1518	xr135284	39	460-41505-D-1-A	460-116910	06/21/12	15	10	1	SAMPLE		
06/21/12 1532	xr135285	40	MDLV 460-111424/9	21jun12c		15	10	1	SAMPLE		
06/21/12 1545	xr135286	41	MDLV 460-111424/10	21jun12c		15	10	1	SAMPLE		
06/21/12 1559	xr135287	42	MB 460-116910/1-A	21jun12c		15	10	1	SAMPLE		
06/21/12 1613	xr135288	43	SGPIBLK_00012	21jun12c		15	10	1	SAMPLE		
06/21/12 1627	xr135289	44	PESTL3_00013			0	0	1	CCALIB_3		

Signed: _____ Read and Understood by: _____

Date: 06/22/12 Date: 6/22/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b

Date Generated: 06/25/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											11731/2
06/22/12 0556	xr135313	1	Rinse	22jun12a		15	10	1	SAMPLE		
06/22/12 0611	xr135314	2	SGRESC_00012	22jun12a		15	10	1	SAMPLE		
06/22/12 0624	xr135315	3	SGPIBLK_00013	22jun12a		15	10	1	SAMPLE		
06/22/12 0638	xr135316	4	SGDDT/EI_00018	22jun12a		15	10	1	SAMPLE		
06/22/12 0652	xr135317	5	SGPESTL3_00013			0	0	1	CCALIB_3		
06/22/12 0733	xr135318	6	LCS 460-116911/2-A			15	10	1	BS		
06/22/12 0746	xr135319	7	460-41492-D-8-H MS	22jun12a		15	10	1	MS		
06/22/12 0800	xr135320	8	460-41492-D-8-I MSD	22jun12a		15	10	1	MSD		
06/22/12 0814	xr135321	9	460-41492-D-1-E	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 0828	xr135322	10	460-41492-D-2-C	460-116911	06/21/12	15.1	10	1	SAMPLE		
06/22/12 0842	xr135323	11	460-41492-D-3-C	460-116911	06/21/12	15	10	1	SAMPLE		
06/22/12 0855	xr135324	12	460-41492-D-4-C	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 0909	xr135325	13	460-41492-D-5-C	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 0923	xr135326	14	460-41492-D-6-C	460-116911	06/21/12	15	10	1	SAMPLE		

06/25/12

06/25/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b

Date Generated: 06/25/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/22/12 0937	xr135327	15	460-41492-D-7-C	460-116911	06/21/12	15	10	1	SAMPLE	M4	
06/22/12 0951	xr135328	16	460-41492-D-8-G	460-116911	06/21/12	15	10	1	SAMPLE		
06/22/12 1004	xr135329	17	460-41492-D-9-C	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1018	xr135330	18	460-41492-D-10-C	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1032	xr135331	19	460-41492-D-11-B	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1046	xr135332	20	460-41492-D-12-B	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1100	xr135333	21	460-41492-D-13-B	460-116911	06/21/12	15.1	10	1	SAMPLE		
06/22/12 1113	xr135334	22	460-41492-D-14-B	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1127	xr135335	23	460-41492-D-15-B	460-116911	06/21/12	15	10	1	SAMPLE		
06/22/12 1141	xr135336	24	460-41492-D-16-B	460-116911	06/21/12	15	10	1	SAMPLE		
06/22/12 1155	xr135337	25	460-41492-D-17-B	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1209	xr135338	26	460-41492-D-19-B	460-116911	06/21/12	15	10	1	SAMPLE		
06/22/12 1222	xr135339	27	460-41492-D-20-B	460-116911	06/21/12	15.0	10	1	SAMPLE		
06/22/12 1236	xr135340	28	460-41492-D-23-B	460-116911	06/21/12	15.0	10	1	SAMPLE		

06/25/12

6/25/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun12/06-22-12/22jun12a.b

Date Generated: 06/25/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/22/12 1250	xr135341	29	MB 460-116911/1-A	22jun12a	MA	15	10	1	SAMPLE	MA	G
06/22/12 1304	xr135342	30	SGPIBLK_00012	22jun12a		15	10	1	SAMPLE		G
06/22/12 1318	xr135343	31	SGPESTL3_00013	MA		0	0	1	CCALIB_3		G
06/22/12 1331	xr135344	32	SGDDT/EI_00018	22jun12a		15	10	1	SAMPLE		F

Signed: _____ Read and Understood by: _____

Date: 06/25/12 Date: 6/25/12

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116910 Batch Start Date: 06/21/12 05:59 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 460-116910/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-116910/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-41492-D-21 MS	F-6	3541, 8081A	T	15.05 g	10 mL	75	100 uL	50 uL	
460-41492-D-21 MSD	F-6	3541, 8081A	T	15.01 g	10 mL	76	100 uL	50 uL	
460-41492-D-21	F-6	3541, 8081A	T	15.02 g	10 mL	84		50 uL	
460-41492-D-22	F-7	3541, 8081A	T	15.04 g	10 mL	67		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	5:59am

Basis	Basis Description
T	Total/NA

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116911 Batch Start Date: 06/21/12 06:24 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 460-116911/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-116911/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-41492-D-8 MS	SF-8	3541, 8081A	T	15.04 g	10 mL	75	100 uL	50 uL	
460-41492-D-8 MSD	SF-8	3541, 8081A	T	15.01 g	10 mL	76	100 uL	50 uL	
460-41492-D-1	SF-1	3541, 8081A	T	15.01 g	10 mL	77		50 uL	
460-41492-D-2	SF-2	3541, 8081A	T	15.05 g	10 mL	78		50 uL	
460-41492-D-3	SF-3	3541, 8081A	T	15.00 g	10 mL	79		50 uL	
460-41492-D-4	SF-4	3541, 8081A	T	15.03 g	10 mL	80		50 uL	
460-41492-D-5	SF-5	3541, 8081A	T	15.04 g	10 mL	81		50 uL	
460-41492-D-6	SF-6	3541, 8081A	T	15.00 g	10 mL	82		50 uL	
460-41492-D-7	SF-7	3541, 8081A	T	15.00 g	10 mL	83		50 uL	
460-41492-D-8	SF-8	3541, 8081A	T	15.00 g	10 mL	84		50 uL	
460-41492-D-9	SF-9	3541, 8081A	T	15.04 g	10 mL	67		50 uL	
460-41492-D-10	SF-10	3541, 8081A	T	15.03 g	10 mL	68		50 uL	
460-41492-D-11	SF-11	3541, 8081A	T	15.04 g	10 mL	69		50 uL	
460-41492-D-12	SF-12	3541, 8081A	T	15.01 g	10 mL	70		50 uL	
460-41492-D-13	SF-13	3541, 8081A	T	15.05 g	10 mL	71		50 uL	
460-41492-D-14	SF-14	3541, 8081A	T	15.03 g	10 mL	72		50 uL	
460-41492-D-15	FD-C	3541, 8081A	T	15.00 g	10 mL	1		50 uL	
460-41492-D-16	F-1	3541, 8081A	T	15.00 g	10 mL	2		50 uL	
460-41492-D-17	F-2	3541, 8081A	T	15.02 g	10 mL	3		50 uL	
460-41492-D-19	F-4	3541, 8081A	T	15.00 g	10 mL	4		50 uL	
460-41492-D-20	F-5	3541, 8081A	T	15.01 g	10 mL	5		50 uL	
460-41492-D-23	FD-D	3541, 8081A	T	15.03 g	10 mL	6		50 uL	

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116911 Batch Start Date: 06/21/12 06:24 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	6:24am

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.: 460-41492-1

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 #
SF-1	460-41492-1	105	114
SF-2	460-41492-2	95	110
SF-3	460-41492-3	104	114
SF-4	460-41492-4	108	117
SF-5	460-41492-5	103	105
SF-6	460-41492-6	98	98
SF-7	460-41492-7	96	96
SF-8	460-41492-8	99	106
SF-9	460-41492-9	77	79
SF-10	460-41492-10	96	105
SF-11	460-41492-11	102	103
SF-12	460-41492-12	90	93
SF-13	460-41492-13	109	115
SF-14	460-41492-14	87	88
FD-C	460-41492-15	102	106
F-1	460-41492-16	97	99
F-2	460-41492-17	111	117
F-4	460-41492-19	112	116
F-5	460-41492-20	102	102
F-6	460-41492-21	85	89
F-7	460-41492-22	125	132
FD-D	460-41492-23	106	111
	MB 460-116907/1-A	72	71
	MB 460-116909/1-A	127	135
	LCS 460-116907/2-A	103	105
	LCS 460-116909/2-A	131	138
SF-8 MS	460-41492-8 MS	79	89
F-6 MS	460-41492-21 MS	116	123
SF-8 MSD	460-41492-8 MSD	72	76
F-6 MSD	460-41492-21 MSD	108	114

DCB = DCB Decachlorobiphenyl	QC LIMITS 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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf086509.d

Lab ID: LCS 460-116907/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	408	122	60-144	
Aroclor 1260	333	406	122	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr086509.d

Lab ID: LCS 460-116907/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	386	116	60-144	
Aroclor 1260	333	365	109	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475394.d

Lab ID: LCS 460-116909/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	415	124	60-144	
Aroclor 1260	333	436	131	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475394.d

Lab ID: LCS 460-116909/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	414	124	60-144	
Aroclor 1260	333	446	134	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf086510.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	388	15 U	393	101	60-144	
Aroclor 1260	388	8.7 U	354	91	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr086510.d

Lab ID: 460-41492-8 MS Client ID: SF-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	388	15 U	436	112	60-144	
Aroclor 1260	388	8.7 U	363	94	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475396.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	383	15 U	422	110	60-144	
Aroclor 1260	383	8.6 U	474	124	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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475396.d

Lab ID: 460-41492-21 MS Client ID: F-6 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	383	15 U	460	120	60-144	
Aroclor 1260	383	8.6 U	481	126	63-143	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf086511.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	389	440	113	1	30	60-144	
Aroclor 1260	389	407	105	11	30	63-143	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr086511.d

Lab ID: 460-41492-8 MSD Client ID: SF-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	389	420	108	7	30	60-144	
Aroclor 1260	389	364	94	3	30	63-143	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf475397.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	382	406	106	4	30	60-144	
Aroclor 1260	382	415	109	15	30	63-143	

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.: 460-41492-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr475397.d

Lab ID: 460-41492-21 MSD Client ID: F-6 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	382	408	107	12	30	60-144	
Aroclor 1260	382	415	108	13	30	63-143	

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.: 460-41492-1

SDG No.:

Lab Sample ID: MB 460-116907/1-A

Matrix: Solid Date Extracted: 06/21/2012 05:37

Lab File ID:(1) qr086508.d Lab File ID:(2) qf086508.d

Date Analyzed:(1) 06/21/2012 20:09 Date Analyzed:(2) 06/21/2012 20:09

Instrument ID:(1) PESTGC8 Instrument ID:(2) PESTGC8

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 460-116907/2-A	06/21/2012 20:30	06/21/2012 20:30
SF-8 MS	460-41492-8 MS	06/21/2012 20:45	06/21/2012 20:45
SF-8 MSD	460-41492-8 MSD	06/21/2012 21:07	06/21/2012 21:07
SF-1	460-41492-1	06/21/2012 21:22	06/21/2012 21:22
SF-2	460-41492-2	06/21/2012 21:44	06/21/2012 21:44
SF-3	460-41492-3	06/21/2012 21:59	06/21/2012 21:59
SF-4	460-41492-4	06/21/2012 22:21	06/21/2012 22:21
SF-5	460-41492-5	06/21/2012 22:42	06/21/2012 22:42
SF-6	460-41492-6	06/21/2012 23:03	06/21/2012 23:03
SF-7	460-41492-7	06/21/2012 23:19	06/21/2012 23:19
SF-8	460-41492-8	06/21/2012 23:41	06/21/2012 23:41
SF-9	460-41492-9	06/22/2012 00:02	06/22/2012 00:02
SF-10	460-41492-10	06/22/2012 00:23	06/22/2012 00:23
SF-11	460-41492-11	06/22/2012 00:44	06/22/2012 00:44
SF-12	460-41492-12	06/22/2012 00:59	06/22/2012 00:59
SF-13	460-41492-13	06/22/2012 01:21	06/22/2012 01:21
SF-14	460-41492-14	06/22/2012 01:36	06/22/2012 01:36
FD-C	460-41492-15	06/22/2012 01:58	06/22/2012 01:58
F-1	460-41492-16	06/22/2012 02:13	06/22/2012 02:13
F-2	460-41492-17	06/22/2012 02:34	06/22/2012 02:34
F-4	460-41492-19	06/22/2012 02:56	06/22/2012 02:56
F-5	460-41492-20	06/22/2012 03:11	06/22/2012 03:11
FD-D	460-41492-23	06/22/2012 03:32	06/22/2012 03:32

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: MB 460-116909/1-A

Matrix: Solid Date Extracted: 06/21/2012 05:51

Lab File ID:(1) vr475393.d Lab File ID:(2) vf475393.d

Date Analyzed:(1) 06/21/2012 19:14 Date Analyzed:(2) 06/21/2012 19:14

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 460-116909/2-A	06/21/2012 19:30	06/21/2012 19:30
F-6	460-41492-21	06/21/2012 19:46	06/21/2012 19:46
F-6 MS	460-41492-21 MS	06/21/2012 20:02	06/21/2012 20:02
F-6 MSD	460-41492-21 MSD	06/21/2012 20:18	06/21/2012 20:18
F-7	460-41492-22	06/21/2012 20:34	06/21/2012 20:34

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117281/3 Date Analyzed: 06/21/2012 19:30

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf086507.d Heated Purge: (Y/N) N

Calibration ID: 15926

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.51		
UPPER LIMIT				11.61		
LOWER LIMIT				11.41		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117281/3		06/21/2012 19:30	qf086507.d	11.51		
MB 460-116907/1-A		06/21/2012 20:09	qf086508.d	11.52		
LCS 460-116907/2-A		06/21/2012 20:30	qf086509.d	11.51		
460-41492-8 MS	SF-8 MS	06/21/2012 20:45	qf086510.d	11.49		
460-41492-8 MSD	SF-8 MSD	06/21/2012 21:07	qf086511.d	11.51		
460-41492-1	SF-1	06/21/2012 21:22	qf086512.d	11.47		
460-41492-2	SF-2	06/21/2012 21:44	qf086513.d	11.51		
460-41492-3	SF-3	06/21/2012 21:59	qf086514.d	11.48		
460-41492-4	SF-4	06/21/2012 22:21	qf086515.d	11.50		
460-41492-5	SF-5	06/21/2012 22:42	qf086516.d	11.50		
460-41492-6	SF-6	06/21/2012 23:03	qf086517.d	11.49		
460-41492-7	SF-7	06/21/2012 23:19	qf086518.d	11.46		
460-41492-8	SF-8	06/21/2012 23:41	qf086519.d	11.49		
460-41492-9	SF-9	06/22/2012 00:02	qf086520.d	11.49		
460-41492-10	SF-10	06/22/2012 00:23	qf086521.d	11.49		
460-41492-11	SF-11	06/22/2012 00:44	qf086522.d	11.49		
460-41492-12	SF-12	06/22/2012 00:59	qf086523.d	11.47		
460-41492-13	SF-13	06/22/2012 01:21	qf086524.d	11.50		
460-41492-14	SF-14	06/22/2012 01:36	qf086525.d	11.47		
460-41492-15	FD-C	06/22/2012 01:58	qf086526.d	11.49		
460-41492-16	F-1	06/22/2012 02:13	qf086527.d	11.47		
460-41492-17	F-2	06/22/2012 02:34	qf086528.d	11.49		
460-41492-19	F-4	06/22/2012 02:56	qf086529.d	11.49		
460-41492-20	F-5	06/22/2012 03:11	qf086530.d	11.47		
460-41492-23	FD-D	06/22/2012 03:32	qf086531.d	11.50		
CCV 460-117281/29		06/22/2012 04:22	qf086533.d	11.56		

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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117281/3 Date Analyzed: 06/21/2012 19:30

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr086507.d Heated Purge: (Y/N) N

Calibration ID: 15927

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.65		
UPPER LIMIT				10.75		
LOWER LIMIT				10.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117281/3		06/21/2012 19:30	qr086507.d	10.65		
MB 460-116907/1-A		06/21/2012 20:09	qr086508.d	10.66		
LCS 460-116907/2-A		06/21/2012 20:30	qr086509.d	10.65		
460-41492-8 MS	SF-8 MS	06/21/2012 20:45	qr086510.d	10.63		
460-41492-8 MSD	SF-8 MSD	06/21/2012 21:07	qr086511.d	10.65		
460-41492-1	SF-1	06/21/2012 21:22	qr086512.d	10.62		
460-41492-2	SF-2	06/21/2012 21:44	qr086513.d	10.65		
460-41492-3	SF-3	06/21/2012 21:59	qr086514.d	10.62		
460-41492-4	SF-4	06/21/2012 22:21	qr086515.d	10.65		
460-41492-5	SF-5	06/21/2012 22:42	qr086516.d	10.65		
460-41492-6	SF-6	06/21/2012 23:03	qr086517.d	10.65		
460-41492-7	SF-7	06/21/2012 23:19	qr086518.d	10.62		
460-41492-8	SF-8	06/21/2012 23:41	qr086519.d	10.65		
460-41492-9	SF-9	06/22/2012 00:02	qr086520.d	10.65		
460-41492-10	SF-10	06/22/2012 00:23	qr086521.d	10.65		
460-41492-11	SF-11	06/22/2012 00:44	qr086522.d	10.65		
460-41492-12	SF-12	06/22/2012 00:59	qr086523.d	10.62		
460-41492-13	SF-13	06/22/2012 01:21	qr086524.d	10.65		
460-41492-14	SF-14	06/22/2012 01:36	qr086525.d	10.62		
460-41492-15	FD-C	06/22/2012 01:58	qr086526.d	10.65		
460-41492-16	F-1	06/22/2012 02:13	qr086527.d	10.62		
460-41492-17	F-2	06/22/2012 02:34	qr086528.d	10.65		
460-41492-19	F-4	06/22/2012 02:56	qr086529.d	10.65		
460-41492-20	F-5	06/22/2012 03:11	qr086530.d	10.62		
460-41492-23	FD-D	06/22/2012 03:32	qr086531.d	10.65		
CCV 460-117281/29		06/22/2012 04:22	qr086533.d	10.67		

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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117069/3 Date Analyzed: 06/21/2012 18:58

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf475392.d Heated Purge: (Y/N) N

Calibration ID: 16064

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.50		
UPPER LIMIT				11.60		
LOWER LIMIT				11.40		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117069/3		06/21/2012 18:58	vf475392.d	11.50		
MB 460-116909/1-A		06/21/2012 19:14	vf475393.d	11.50		
LCS 460-116909/2-A		06/21/2012 19:30	vf475394.d	11.50		
460-41492-21	F-6	06/21/2012 19:46	vf475395.d	11.49		
460-41492-21 MS	F-6 MS	06/21/2012 20:02	vf475396.d	11.50		
460-41492-21 MSD	F-6 MSD	06/21/2012 20:18	vf475397.d	11.50		
460-41492-22	F-7	06/21/2012 20:34	vf475398.d	11.50		
CCV 460-117069/21		06/21/2012 23:51	vf475410.d	11.49		

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.: 460-41492-1

SDG No.:

Sample No.: CCVRT 460-117069/3 Date Analyzed: 06/21/2012 18:58

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr475392.d Heated Purge: (Y/N) N

Calibration ID: 16065

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.68		
UPPER LIMIT				10.78		
LOWER LIMIT				10.58		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-117069/3		06/21/2012 18:58	vr475392.d	10.68		
MB 460-116909/1-A		06/21/2012 19:14	vr475393.d	10.68		
LCS 460-116909/2-A		06/21/2012 19:30	vr475394.d	10.68		
460-41492-21	F-6	06/21/2012 19:46	vr475395.d	10.68		
460-41492-21 MS	F-6 MS	06/21/2012 20:02	vr475396.d	10.68		
460-41492-21 MSD	F-6 MSD	06/21/2012 20:18	vr475397.d	10.68		
460-41492-22	F-7	06/21/2012 20:34	vr475398.d	10.68		
CCV 460-117069/21		06/21/2012 23:51	vr475410.d	10.68		

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.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS Lab Sample ID: 460-41492-8 MS

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 06/21/2012 20:45 Date Analyzed (2): 06/21/2012 20:45

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	1.96	2.00	2.14	546	436	10.4
		2	2.39	2.45	2.59	477		
		3	2.63	2.70	2.84	490		
		4	3.16	3.05	3.19	167		
		7	3.84	3.97	4.11	419		
		8	3.99	4.10	4.24	514		
	2	1	2.68	2.78	2.92	530	393	
		2	3.28	3.43	3.57	473		
		3	3.72	3.88	4.02	410		
		4	4.37	4.28	4.42	195		
		5	4.56	4.52	4.66	313		
		6	4.83	4.96	5.10	370		
		7	5.23	5.35	5.49	440		
		8	5.44	5.56	5.70	410		
Aroclor 1260	1	1	5.93	6.01	6.15	387	363	2.6
		2	6.40	6.46	6.60	377		
		3	6.86	6.91	7.05	368		
		4	7.06	7.11	7.25	374		
		5	7.50	7.54	7.68	361		
		6	8.79	8.83	8.97	328		
		7	9.01	9.06	9.20	356		
		8	10.13	10.11	10.25	357		
	2	1	7.48	7.55	7.69	465	354	
		2	7.92	7.99	8.13	427		
		3	8.29	8.83	8.97	241		
		4	9.16	9.09	9.23	208		
		6	9.70	9.72	9.86	358		
		7	10.53	10.49	10.63	412		
		8	11.03	10.98	11.12	369		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD Lab Sample ID: 460-41492-8 MSD

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 06/21/2012 21:07 Date Analyzed (2): 06/21/2012 21:07

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	2.00	2.14	458	420	4.8
		2	2.49	2.45	2.59	422		
		3	2.74	2.70	2.84	397		
		4	3.10	3.05	3.19	420		
		5	3.30	3.26	3.40	399		
		6	3.66	3.61	3.75	433		
		7	4.02	3.97	4.11	386		
		8	4.17	4.10	4.24	443		
	2	1	2.82	2.78	2.92	475	440	
		2	3.47	3.43	3.57	424		
		3	3.92	3.88	4.02	418		
		4	4.32	4.28	4.42	437		
		5	4.57	4.52	4.66	408		
		6	5.01	4.96	5.10	468		
		7	5.39	5.35	5.49	484		
		8	5.60	5.56	5.70	410		
Aroclor 1260	1	1	6.07	6.01	6.15	388	364	11.1
		2	6.52	6.46	6.60	381		
		3	6.96	6.91	7.05	377		
		4	7.16	7.11	7.25	372		
		5	7.60	7.54	7.68	381		
		6	8.89	8.83	8.97	339		
		7	9.11	9.06	9.20	322		
		8	10.17	10.11	10.25	350		
	2	1	7.59	7.55	7.69	417	407	
		2	8.04	7.99	8.13	386		
		3	8.88	8.83	8.97	413		
		4	9.13	9.09	9.23	413		
		5	9.28	9.23	9.37	421		
		6	9.77	9.72	9.86	407		
		7	10.55	10.49	10.63	430		
		8	11.05	10.98	11.12	365		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS Lab Sample ID: 460-41492-21 MS

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 06/21/2012 20:02 Date Analyzed (2): 06/21/2012 20:02

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	2.13	2.07	2.21	425	460	8.6
		2	2.58	2.52	2.66	438		
		3	2.83	2.77	2.91	432		
		4	3.19	3.13	3.27	462		
		5	3.41	3.34	3.48	443		
		6	3.77	3.71	3.85	636		
		7	4.13	4.07	4.21	419		
		8	4.28	4.21	4.35	423		
	2	1	2.84	2.77	2.91	418	422	
		2	3.48	3.42	3.56	430		
		3	3.93	3.86	4.00	223		
		4	4.33	4.26	4.40	456		
		5	4.57	4.51	4.65	445		
		6	5.01	4.95	5.09	516		
		7	5.40	5.34	5.48	436		
		8	5.61	5.55	5.69	450		
Aroclor 1260	1	1	6.16	6.09	6.23	476	481	1.5
		2	6.61	6.55	6.69	484		
		3	7.06	6.99	7.13	485		
		4	7.26	7.20	7.34	480		
		5	7.71	7.65	7.79	472		
		6	9.02	8.97	9.11	484		
		7	9.25	9.19	9.33	492		
		8	10.22	10.16	10.30	475		
	2	1	7.59	7.53	7.67	464	474	
		2	8.03	7.97	8.11	457		
		3	8.85	8.79	8.93	457		
		4	9.10	9.04	9.18	456		
		5	9.25	9.19	9.33	459		
		6	9.76	9.70	9.84	489		
		7	10.56	10.50	10.64	482		
		8	11.05	10.99	11.13	528		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD Lab Sample ID: 460-41492-21 MSD

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 06/21/2012 20:18 Date Analyzed (2): 06/21/2012 20:18

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	2.13	2.07	2.21	389	408	0.6
		2	2.59	2.52	2.66	423		
		3	2.84	2.77	2.91	416		
		4	3.20	3.13	3.27	430		
		5	3.41	3.34	3.48	411		
		6	3.77	3.71	3.85	390		
		7	4.13	4.07	4.21	377		
		8	4.28	4.21	4.35	429		
	2	1	2.84	2.77	2.91	397	406	
		2	3.48	3.42	3.56	404		
		3	3.93	3.86	4.00	415		
		4	4.33	4.26	4.40	424		
		5	4.57	4.51	4.65	418		
		6	5.01	4.95	5.09	373		
		7	5.40	5.34	5.48	419		
		8	5.61	5.55	5.69	395		
Aroclor 1260	1	1	6.16	6.09	6.23	425	415	0.1
		2	6.61	6.55	6.69	425		
		3	7.06	6.99	7.13	426		
		4	7.26	7.20	7.34	416		
		5	7.71	7.65	7.79	413		
		6	9.03	8.97	9.11	410		
		7	9.25	9.19	9.33	400		
		8	10.22	10.16	10.30	404		
	2	1	7.59	7.53	7.67	401	415	
		2	8.03	7.97	8.11	389		
		3	8.85	8.79	8.93	387		
		4	9.10	9.04	9.18	382		
		5	9.25	9.19	9.33	371		
		6	9.76	9.70	9.84	418		
		7	10.56	10.50	10.64	386		
		8	11.06	10.99	11.13	587		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116907/2-A

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 06/21/2012 20:30 Date Analyzed (2): 06/21/2012 20:30

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	2.00	2.14	346	386	5.5
		2	2.50	2.45	2.59	372		
		3	2.75	2.70	2.84	357		
		4	3.11	3.05	3.19	394		
		5	3.31	3.26	3.40	381		
		6	3.66	3.61	3.75	401		
		7	4.03	3.97	4.11	387		
		8	4.17	4.10	4.24	450		
	2	1	2.83	2.78	2.92	429	408	
		2	3.48	3.43	3.57	413		
		3	3.92	3.88	4.02	475		
		4	4.33	4.28	4.42	425		
		5	4.57	4.52	4.66	434		
		6	5.04	4.96	5.10	274		
		7	5.40	5.35	5.49	376		
		8	5.61	5.56	5.70	437		
Aroclor 1260	1	1	6.07	6.01	6.15	376	365	10.8
		2	6.53	6.46	6.60	382		
		3	6.97	6.91	7.05	372		
		4	7.17	7.11	7.25	356		
		5	7.61	7.54	7.68	344		
		6	8.90	8.83	8.97	349		
		7	9.12	9.06	9.20	385		
		8	10.17	10.11	10.25	354		
	2	1	7.60	7.55	7.69	434	406	
		2	8.05	7.99	8.13	420		
		3	8.89	8.83	8.97	420		
		4	9.14	9.09	9.23	421		
		5	9.28	9.23	9.37	447		
		6	9.78	9.72	9.86	431		
		7	10.56	10.49	10.63	316		
		8	11.05	10.98	11.12	360		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116909/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 06/21/2012 19:30 Date Analyzed (2): 06/21/2012 19:30

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	2.13	2.07	2.21	384	414	0.2
		2	2.59	2.52	2.66	411		
		3	2.84	2.77	2.91	399		
		4	3.20	3.13	3.27	435		
		5	3.41	3.34	3.48	422		
		6	3.78	3.71	3.85	411		
		7	4.13	4.07	4.21	403		
		8	4.28	4.21	4.35	448		
	2	1	2.84	2.77	2.91	396	415	
		2	3.49	3.42	3.56	407		
		3	3.93	3.86	4.00	421		
		4	4.33	4.26	4.40	425		
		5	4.57	4.51	4.65	419		
		6	5.01	4.95	5.09	378		
		7	5.40	5.34	5.48	440		
		8	5.61	5.55	5.69	434		
Aroclor 1260	1	1	6.16	6.09	6.23	443	446	2.3
		2	6.61	6.55	6.69	448		
		3	7.06	6.99	7.13	448		
		4	7.26	7.20	7.34	449		
		5	7.71	7.65	7.79	443		
		6	9.03	8.97	9.11	443		
		7	9.26	9.19	9.33	437		
		8	10.22	10.16	10.30	455		
	2	1	7.59	7.53	7.67	418	436	
		2	8.03	7.97	8.11	412		
		3	8.86	8.79	8.93	413		
		4	9.11	9.04	9.18	416		
		5	9.25	9.19	9.33	405		
		6	9.76	9.70	9.84	456		
		7	10.57	10.50	10.64	462		
		8	11.05	10.99	11.13	502		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 Lab Sample ID: 460-41492-1

Matrix: Solid Lab File ID: qf086512.d

Analysis Method: 8082 Date Collected: 06/18/2012 09:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 21:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

Data File: qf086512.d
Report Date: 24-Jun-2012 15:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086512.d
Lab Smp Id: 460-41492-D-1-B Client Smp ID: SF-1
Inj Date : 21-JUN-2012 21:22
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-1-B
Misc Info : 460-41492-D-1-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 8
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	14.07035	% Moisture

Cpnd Variable Local Compound Variable

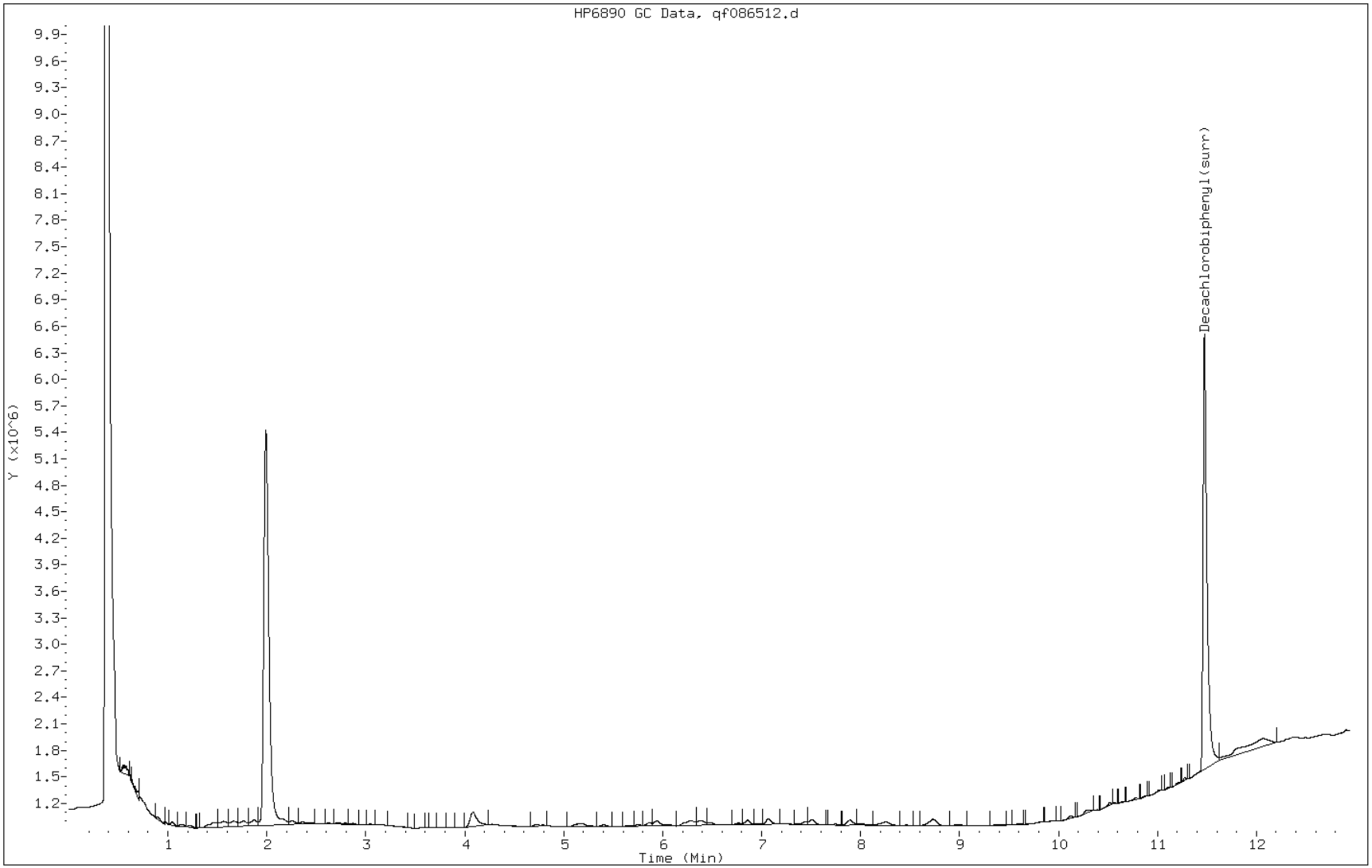
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.475	11.508	-0.033	13501290	56.9833	44	80.00- 120.00	100.00

Data File: qf086512.d

Date: 21-JUN-2012 21:22

Client ID: SF-1 Instrument: PESTGC8.i

Sample Info: 460-41492-D-1-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Matrix: Solid | Lab File ID: qr086512.d

Analysis Method: 8082 | Date Collected: 06/18/2012 09:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 21:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | 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	105		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086512.d
Lab Smp Id: 460-41492-D-1-B Client Smp ID: SF-1
Inj Date : 21-JUN-2012 21:22
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-1-B
Misc Info : 460-41492-D-1-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 8
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	14.07035	% Moisture

Cpnd Variable Local Compound Variable

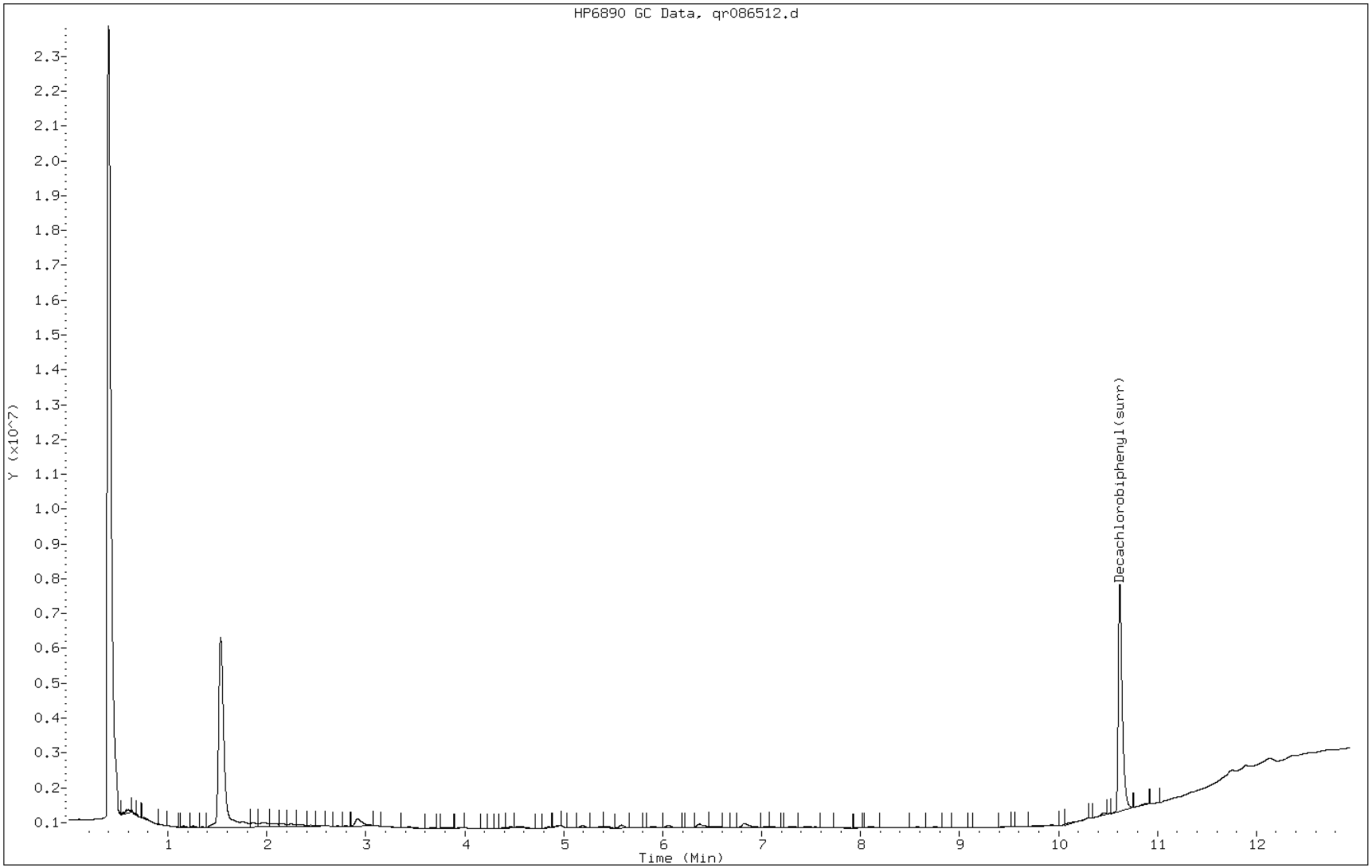
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.620	10.651	-0.031	17834825	52.3644	41	80.00- 120.00	100.00

Data File: qr086512.d

Date: 21-JUN-2012 21:22

Client ID: SF-1 Instrument: PESTGC8.i

Sample Info: 460-41492-D-1-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 Lab Sample ID: 460-41492-2

Matrix: Solid Lab File ID: qf086513.d

Analysis Method: 8082 Date Collected: 06/18/2012 10:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) Date Analyzed: 06/21/2012 21:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		30-150

Data File: qf086513.d
Report Date: 24-Jun-2012 15:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086513.d
Lab Smp Id: 460-41492-D-2-B Client Smp ID: SF-2
Inj Date : 21-JUN-2012 21:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-2-B
Misc Info : 460-41492-D-2-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 9
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	9.59410	% Moisture

Cpnd Variable Local Compound Variable

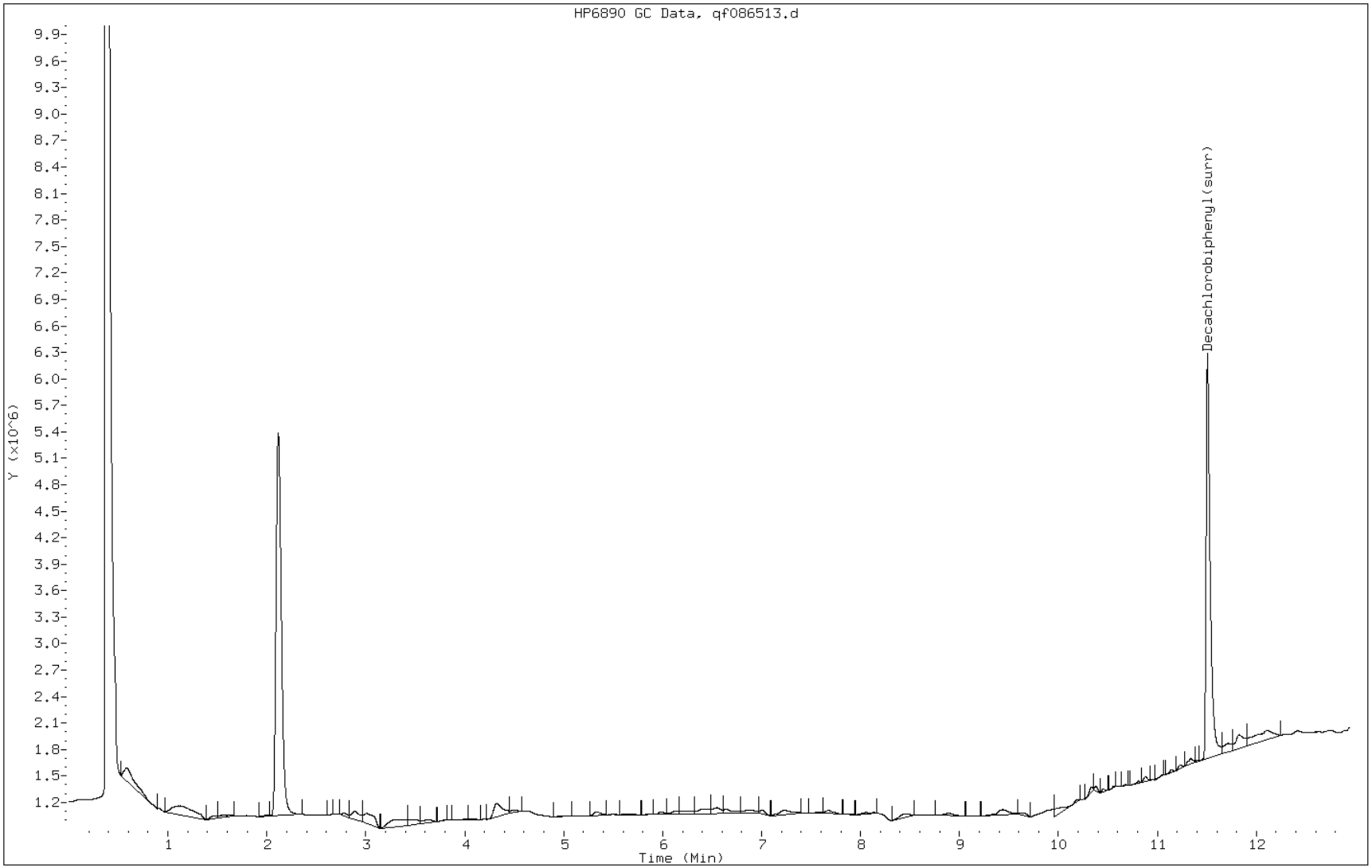
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.507	11.508	-0.001	13033619	55.0095	40	80.00- 120.00	100.00

Data File: qf086513.d

Date: 21-JUN-2012 21:44

Client ID: SF-2 Instrument: PESTGC8.i

Sample Info: 460-41492-D-2-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-2 Lab Sample ID: 460-41492-2

Matrix: Solid Lab File ID: qr086513.d

Analysis Method: 8082 Date Collected: 06/18/2012 10:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) Date Analyzed: 06/21/2012 21:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	95		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086513.d
Lab Smp Id: 460-41492-D-2-B Client Smp ID: SF-2
Inj Date : 21-JUN-2012 21:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-2-B
Misc Info : 460-41492-D-2-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 9
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	9.59410	% Moisture

Cpnd Variable Local Compound Variable

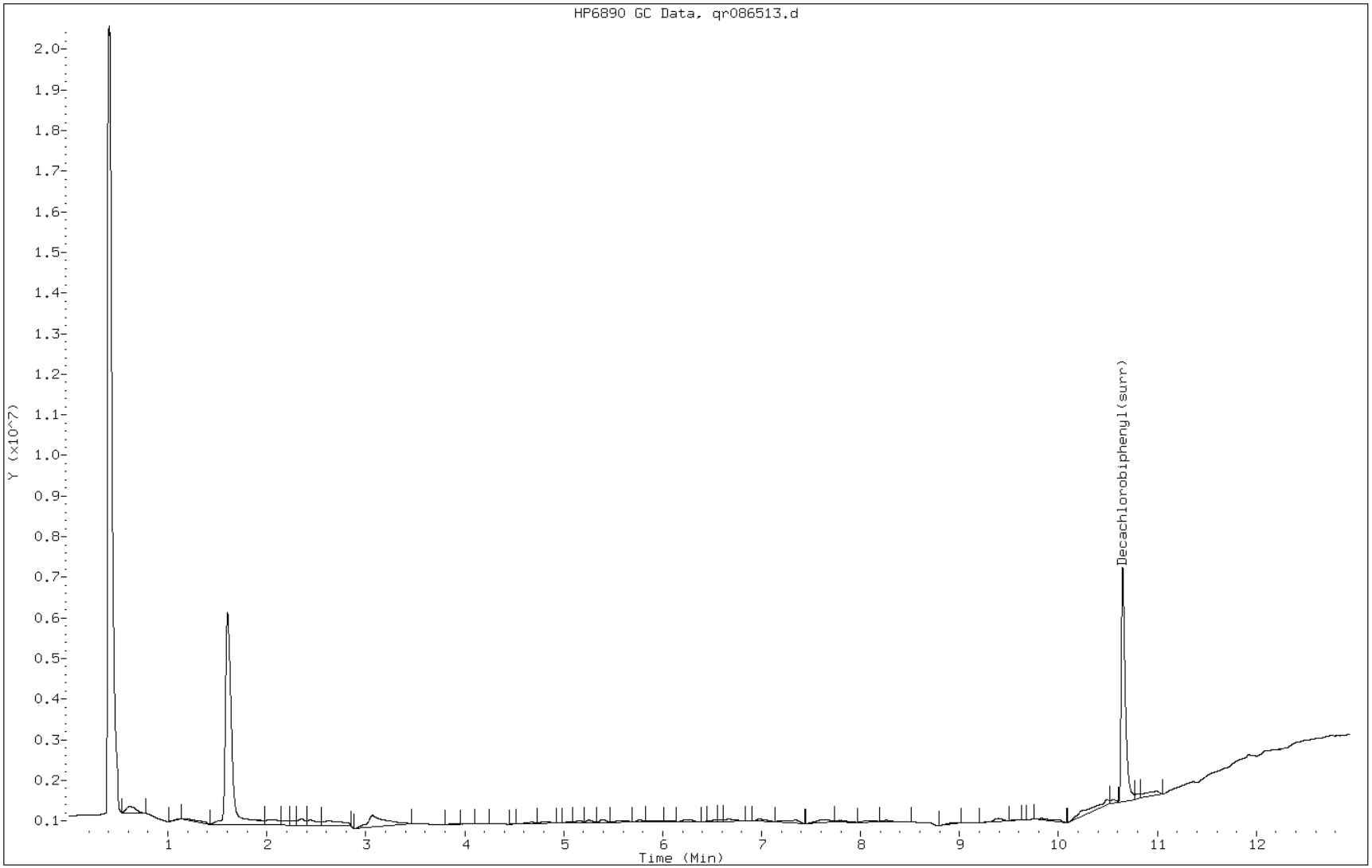
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.649	10.651	-0.002	16210494	47.5952	35	80.00- 120.00	100.00

Data File: qr086513.d

Date: 21-JUN-2012 21:44

Client ID: SF-2 Instrument: PESTGC8.i

Sample Info: 460-41492-D-2-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 Lab Sample ID: 460-41492-3

Matrix: Solid Lab File ID: qf086514.d

Analysis Method: 8082 Date Collected: 06/18/2012 12:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 21:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

Data File: qf086514.d
Report Date: 24-Jun-2012 15:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086514.d
Lab Smp Id: 460-41492-D-3-B Client Smp ID: SF-3
Inj Date : 21-JUN-2012 21:59
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-3-B
Misc Info : 460-41492-D-3-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 10
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	13.52740	% Moisture

Cpnd Variable Local Compound Variable

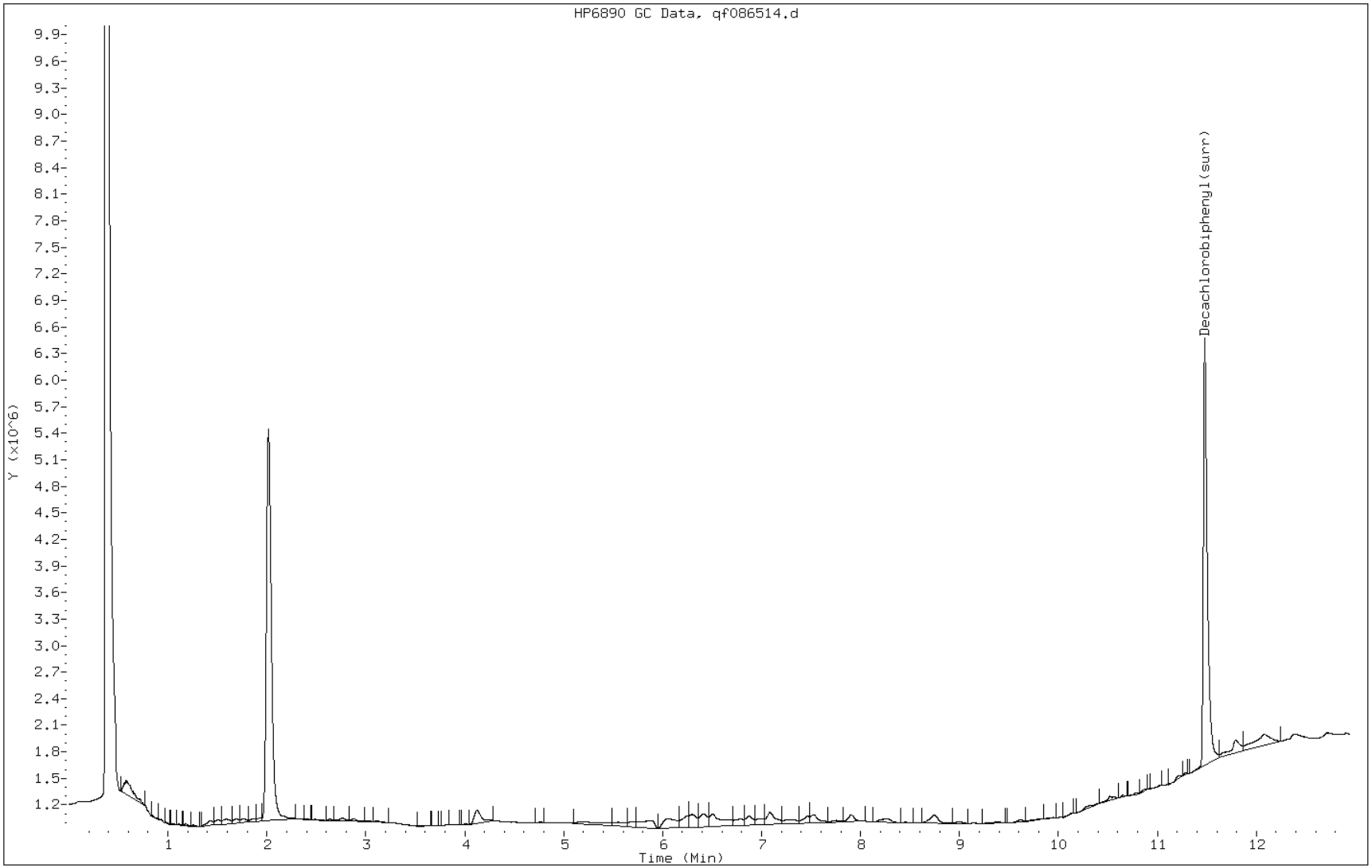
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.478	11.508	-0.030	13526002	57.0876	44	80.00- 120.00	100.00

Data File: qf086514.d

Date: 21-JUN-2012 21:59

Client ID: SF-3 Instrument: PESTGC8.i

Sample Info: 460-41492-D-3-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-3 Lab Sample ID: 460-41492-3

Matrix: Solid Lab File ID: qr086514.d

Analysis Method: 8082 Date Collected: 06/18/2012 12:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 21:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	77	15
11104-28-2	Aroclor 1221	23	U	77	23
11141-16-5	Aroclor 1232	44	U	77	44
53469-21-9	Aroclor 1242	15	U	77	15
12672-29-6	Aroclor 1248	21	U	77	21
11097-69-1	Aroclor 1254	26	U	77	26
11096-82-5	Aroclor 1260	8.6	U	77	8.6
37324-23-5	Aroclor 1262	13	U	77	13
11100-14-4	Aroclor 1268	13	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086514.d
Lab Smp Id: 460-41492-D-3-B Client Smp ID: SF-3
Inj Date : 21-JUN-2012 21:59
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-3-B
Misc Info : 460-41492-D-3-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 10
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	13.52740	% Moisture

Cpnd Variable Local Compound Variable

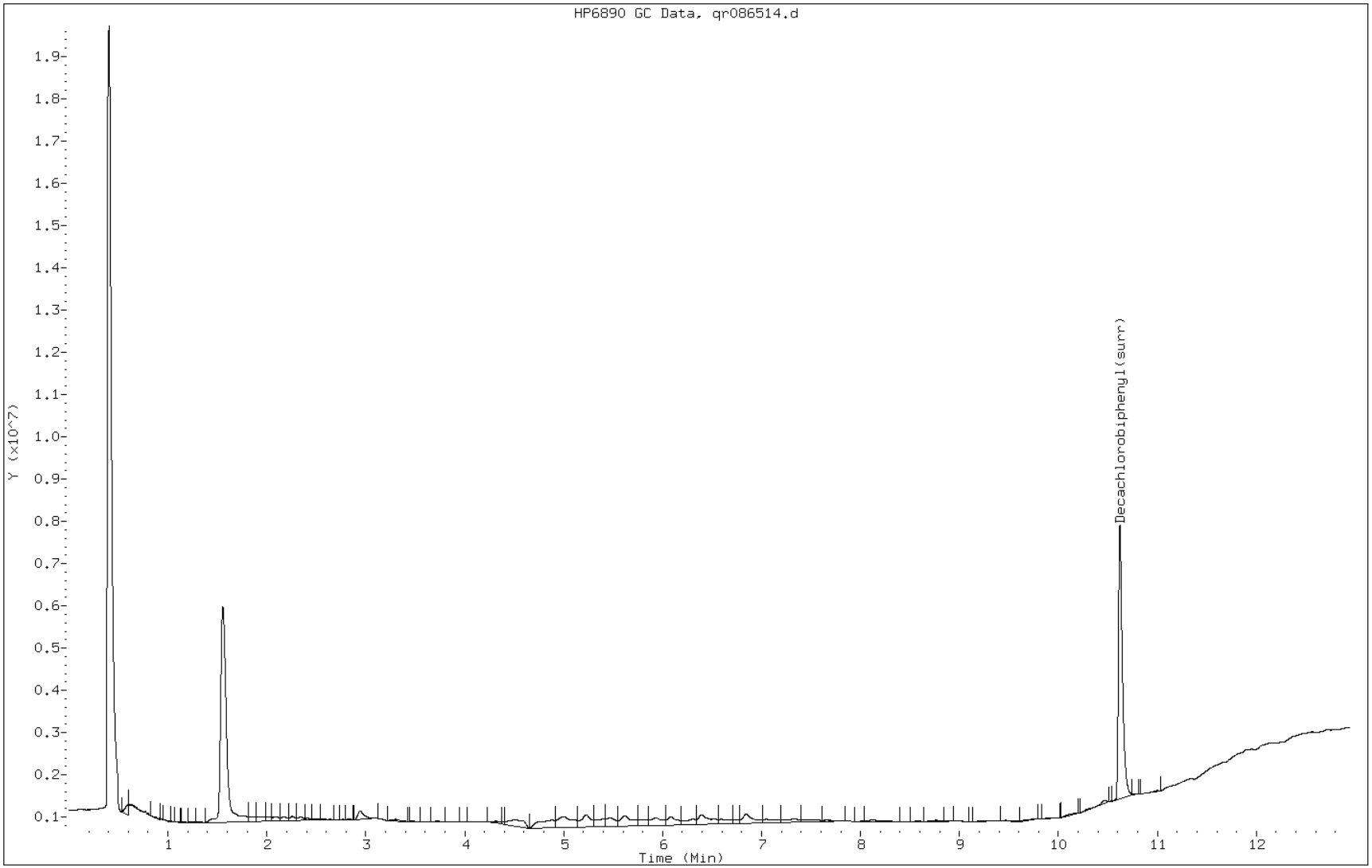
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.622	10.651	-0.029	17751638	52.1201	40	80.00- 120.00	100.00

Data File: qr086514.d

Date: 21-JUN-2012 21:59

Client ID: SF-3 Instrument: PESTGC8.i

Sample Info: 460-41492-D-3-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 Lab Sample ID: 460-41492-4

Matrix: Solid Lab File ID: qf086515.d

Analysis Method: 8082 Date Collected: 06/18/2012 13:10

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 22:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

Data File: qf086515.d
Report Date: 24-Jun-2012 15:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086515.d
Lab Smp Id: 460-41492-D-4-B Client Smp ID: SF-4
Inj Date : 21-JUN-2012 22:21
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-4-B
Misc Info : 460-41492-D-4-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 11
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	11.26214	% Moisture

Cpnd Variable Local Compound Variable

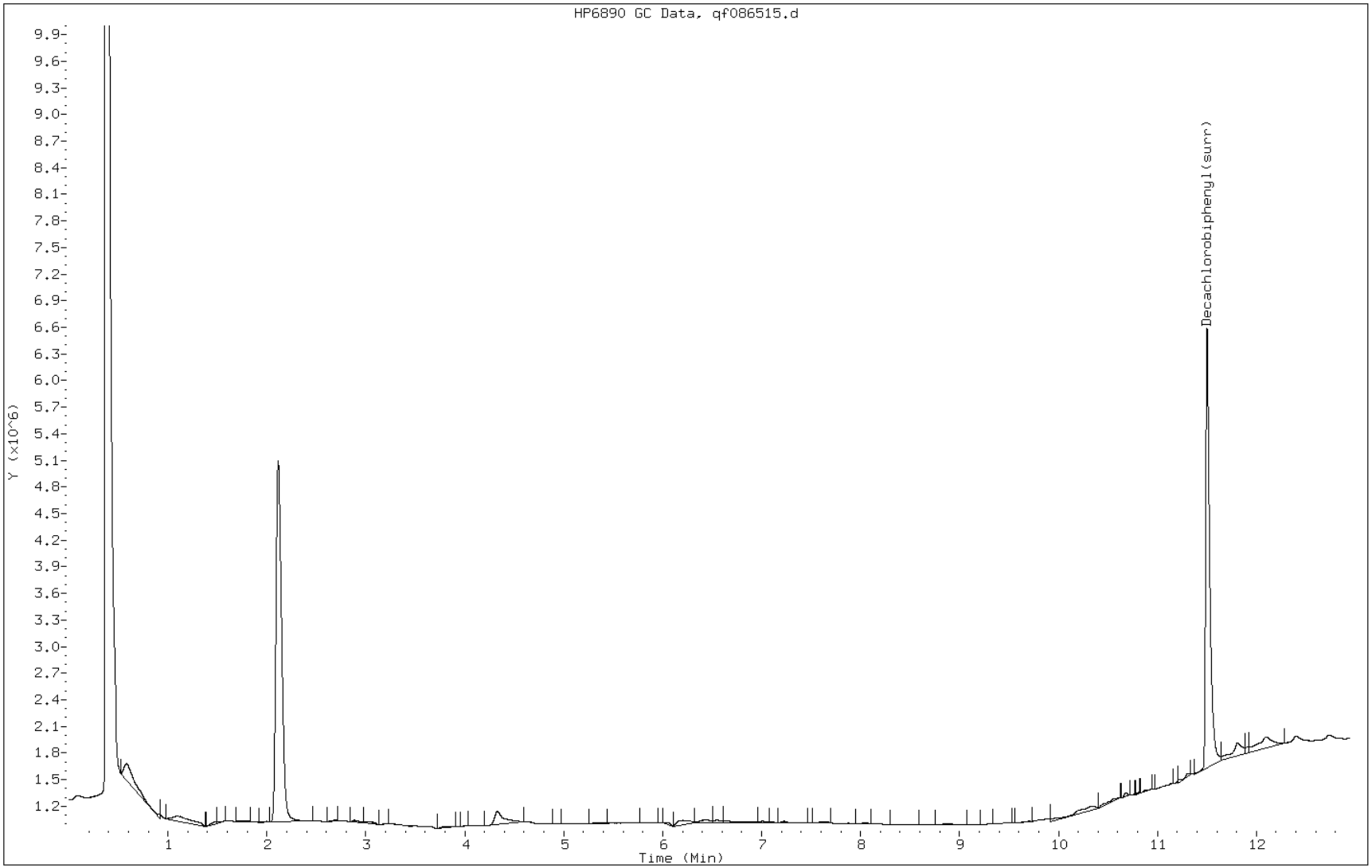
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.502	11.508	-0.006	13828560	58.3646	44	80.00- 120.00	100.00

Data File: qf086515.d

Date: 21-JUN-2012 22:21

Client ID: SF-4 Instrument: PESTGC8.i

Sample Info: 460-41492-D-4-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-4 Lab Sample ID: 460-41492-4

Matrix: Solid Lab File ID: qr086515.d

Analysis Method: 8082 Date Collected: 06/18/2012 13:10

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 22:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	108		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086515.d
Lab Smp Id: 460-41492-D-4-B Client Smp ID: SF-4
Inj Date : 21-JUN-2012 22:21
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-4-B
Misc Info : 460-41492-D-4-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 11
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	11.26214	% Moisture

Cpnd Variable Local Compound Variable

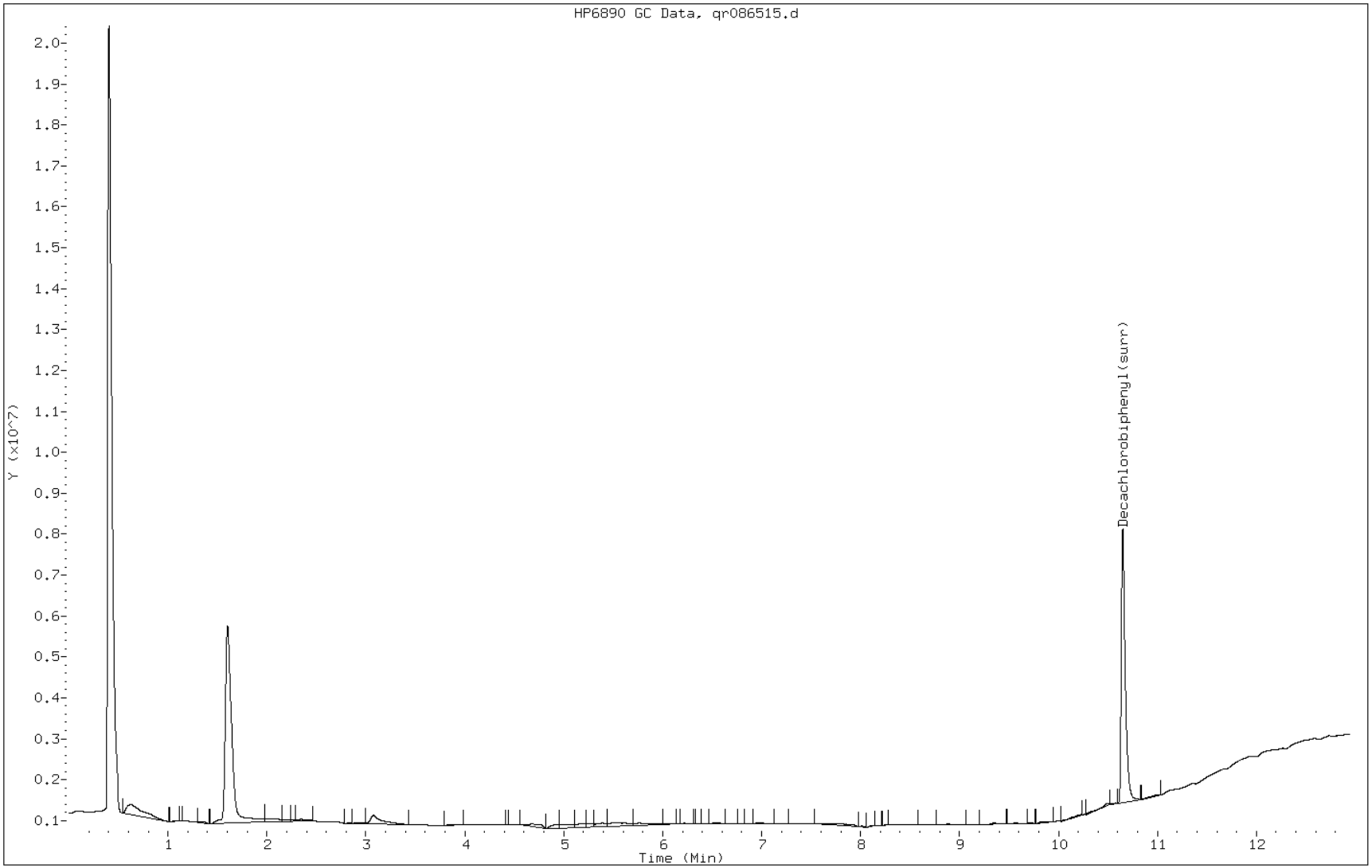
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.649	10.651	-0.002	18334638	53.8319	40	80.00- 120.00	100.00

Data File: qr086515.d

Date: 21-JUN-2012 22:21

Client ID: SF-4 Instrument: PESTGC8.i

Sample Info: 460-41492-D-4-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 Lab Sample ID: 460-41492-5

Matrix: Solid Lab File ID: qf086516.d

Analysis Method: 8082 Date Collected: 06/18/2012 14:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 22:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

Data File: qf086516.d
Report Date: 24-Jun-2012 15:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086516.d
Lab Smp Id: 460-41492-D-5-B Client Smp ID: SF-5
Inj Date : 21-JUN-2012 22:42
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-5-B
Misc Info : 460-41492-D-5-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.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	15.00000	Weight of sample extracted (g)
M	14.86486	% Moisture

Cpnd Variable Local Compound Variable

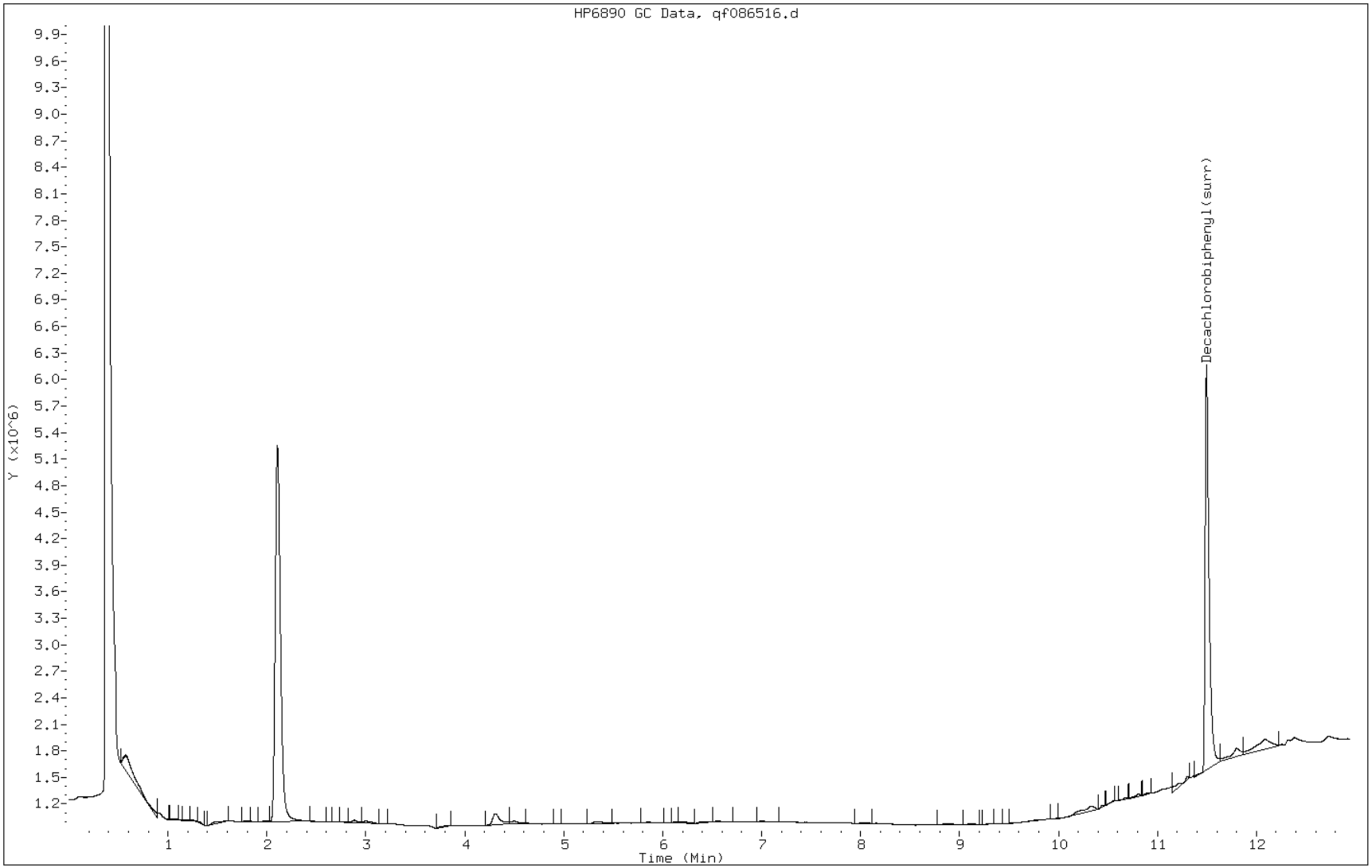
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.496	11.508	-0.012	12480702	52.6758	41	80.00- 120.00	100.00

Data File: qf086516.d

Date: 21-JUN-2012 22:42

Client ID: SF-5 Instrument: PESTGC8.i

Sample Info: 460-41492-D-5-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-5 | Lab Sample ID: 460-41492-5

Matrix: Solid | Lab File ID: qr086516.d

Analysis Method: 8082 | Date Collected: 06/18/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 22:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | 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	103		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086516.d
Lab Smp Id: 460-41492-D-5-B Client Smp ID: SF-5
Inj Date : 21-JUN-2012 22:42
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-5-B
Misc Info : 460-41492-D-5-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.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	15.00000	Weight of sample extracted (g)
M	14.86486	% Moisture

Cpnd Variable Local Compound Variable

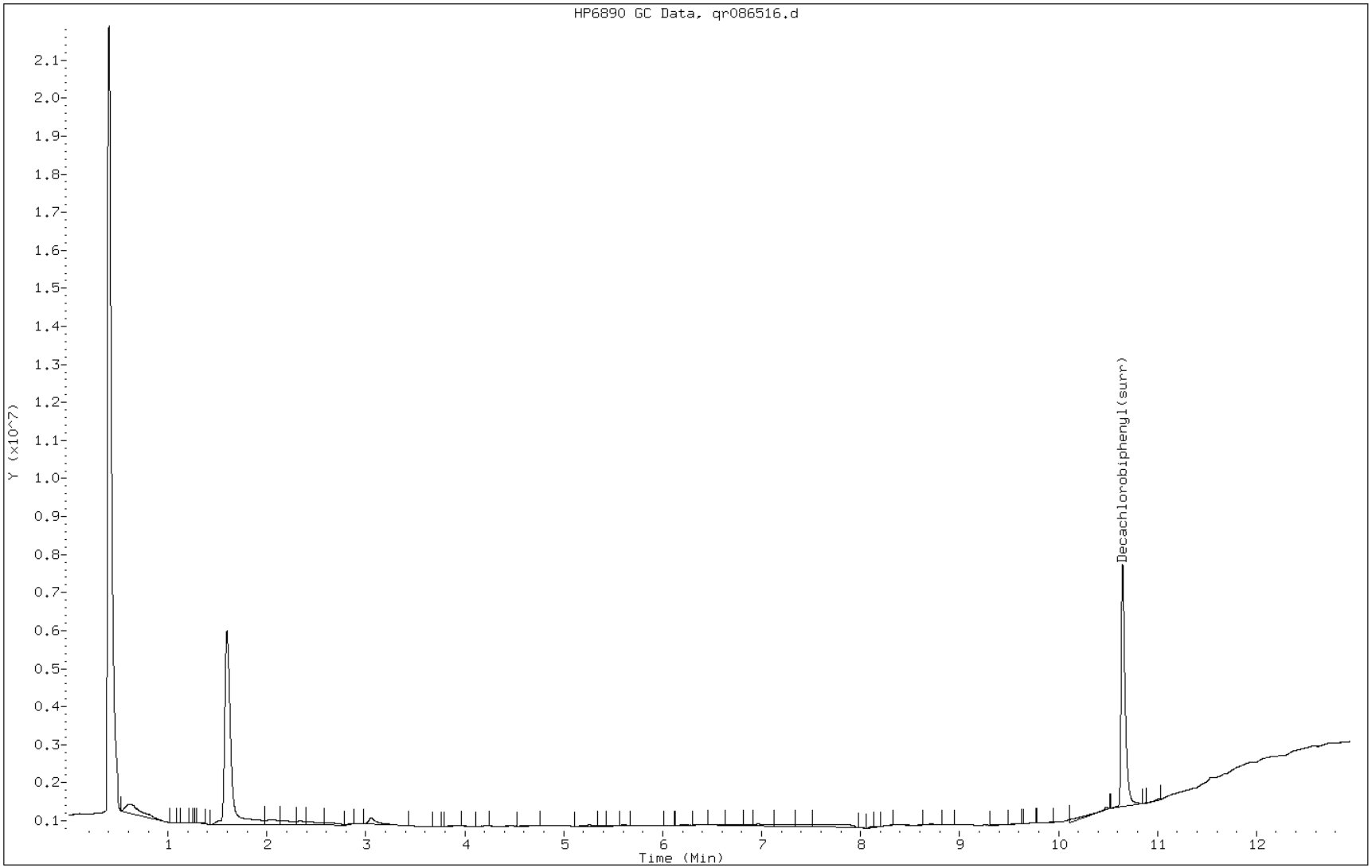
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.648	10.651	-0.003	17595757	51.6624	40	80.00- 120.00	100.00

Data File: qr086516.d

Date: 21-JUN-2012 22:42

Client ID: SF-5 Instrument: PESTGC8.i

Sample Info: 460-41492-D-5-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 Lab Sample ID: 460-41492-6

Matrix: Solid Lab File ID: qf086517.d

Analysis Method: 8082 Date Collected: 06/18/2012 19:00

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 23:03

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: qf086517.d
Report Date: 24-Jun-2012 15:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086517.d
Lab Smp Id: 460-41492-D-6-B Client Smp ID: SF-6
Inj Date : 21-JUN-2012 23:03
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-6-B
Misc Info : 460-41492-D-6-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.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	15.04000	Weight of sample extracted (g)
M	19.18295	% Moisture

Cpnd Variable Local Compound Variable

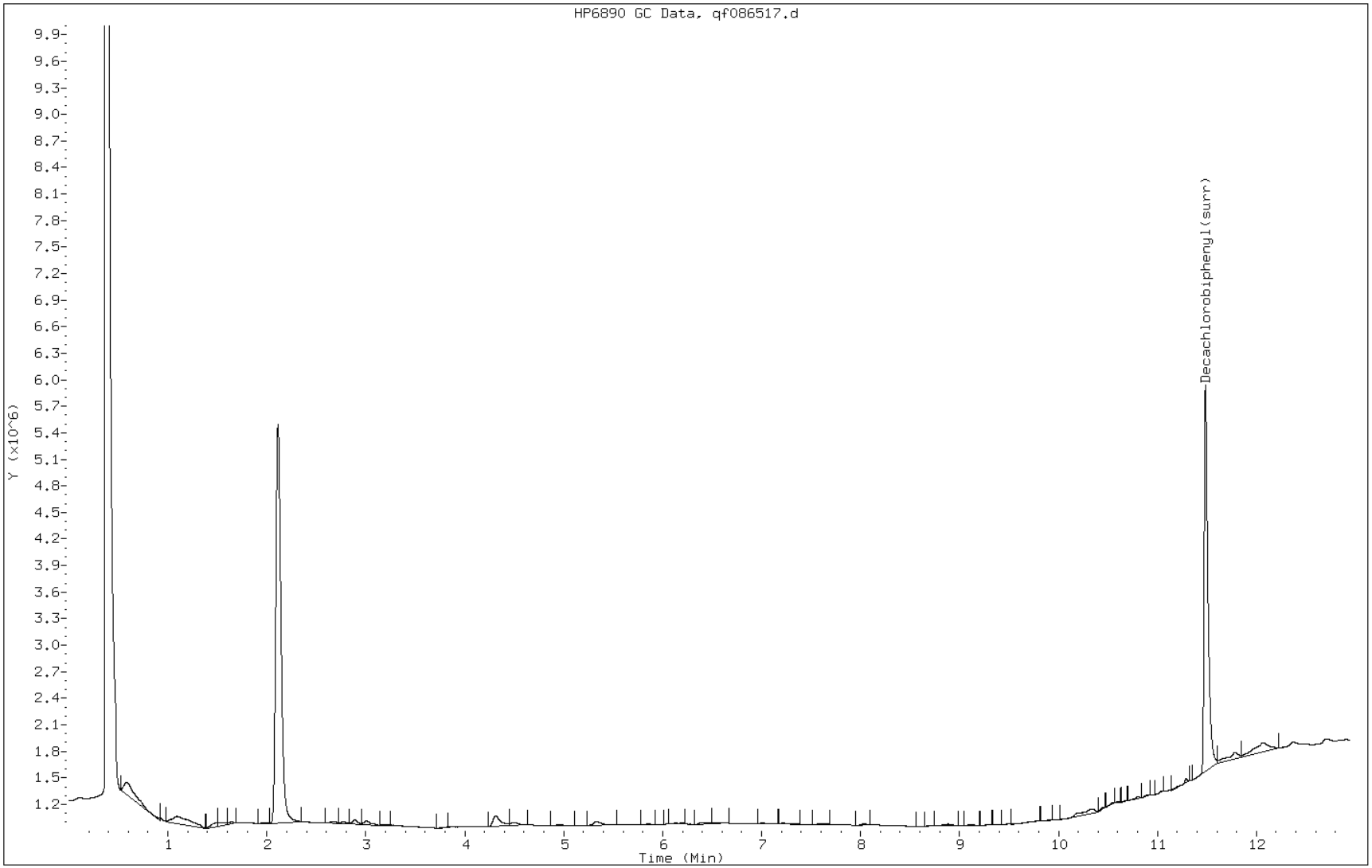
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.485	11.508	-0.023	11628626	49.0796	40	80.00- 120.00	100.00

Data File: qf086517.d

Date: 21-JUN-2012 23:03

Client ID: SF-6 Instrument: PESTGC8.i

Sample Info: 460-41492-D-6-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-6 Lab Sample ID: 460-41492-6

Matrix: Solid Lab File ID: qr086517.d

Analysis Method: 8082 Date Collected: 06/18/2012 19:00

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 23:03

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	98		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086517.d
Lab Smp Id: 460-41492-D-6-B Client Smp ID: SF-6
Inj Date : 21-JUN-2012 23:03
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-6-B
Misc Info : 460-41492-D-6-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.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	15.04000	Weight of sample extracted (g)
M	19.18295	% Moisture

Cpnd Variable Local Compound Variable

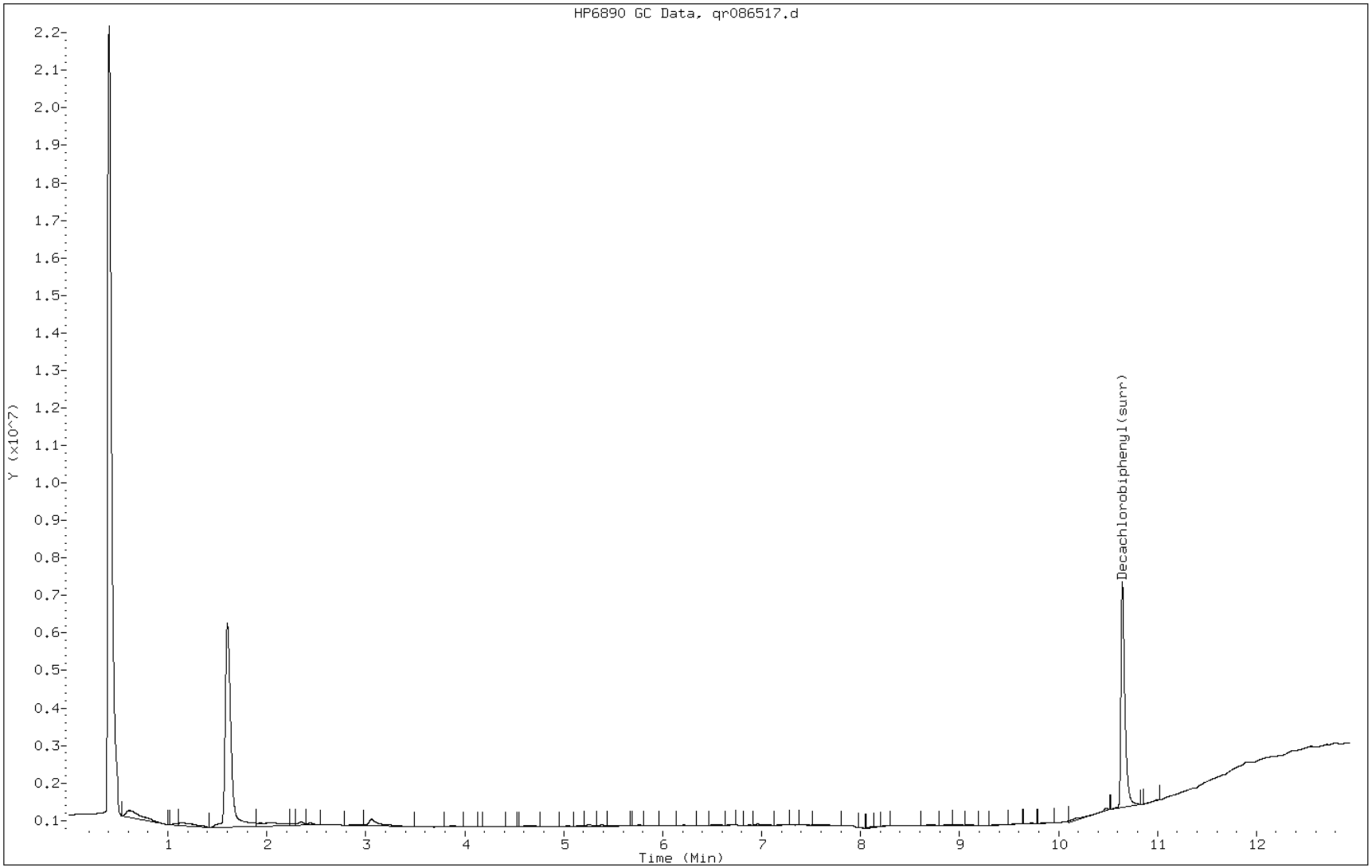
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.645	10.651	-0.006	16627788	48.8204	40	80.00- 120.00	100.00

Data File: qr086517.d

Date: 21-JUN-2012 23:03

Client ID: SF-6 Instrument: PESTGC8.i

Sample Info: 460-41492-D-6-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 Lab Sample ID: 460-41492-7

Matrix: Solid Lab File ID: qf086518.d

Analysis Method: 8082 Date Collected: 06/19/2012 08:50

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) Date Analyzed: 06/21/2012 23:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: qf086518.d
Report Date: 24-Jun-2012 15:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086518.d
Lab Smp Id: 460-41492-D-7-B Client Smp ID: SF-7
Inj Date : 21-JUN-2012 23:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-7-B
Misc Info : 460-41492-D-7-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 14
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	17.82946	% Moisture

Cpnd Variable Local Compound Variable

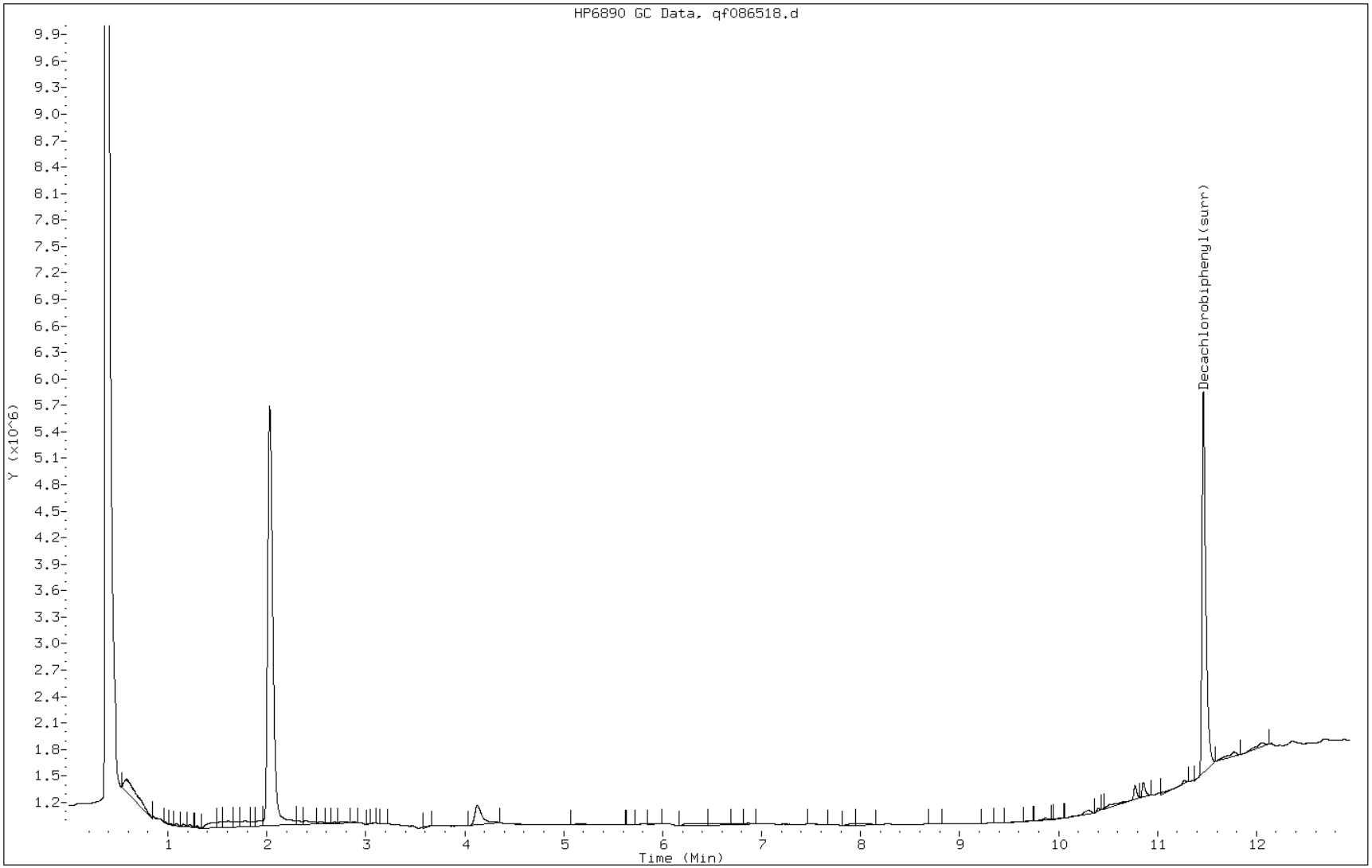
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.465	11.508	-0.043	11395764	48.0968	39	80.00- 120.00	100.00

Data File: qf086518.d

Date: 21-JUN-2012 23:19

Client ID: SF-7 Instrument: PESTGC8.i

Sample Info: 460-41492-D-7-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Matrix: Solid | Lab File ID: qr086518.d

Analysis Method: 8082 | Date Collected: 06/19/2012 08:50

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) | Date Analyzed: 06/21/2012 23:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	81	16
11104-28-2	Aroclor 1221	25	U	81	25
11141-16-5	Aroclor 1232	46	U	81	46
53469-21-9	Aroclor 1242	15	U	81	15
12672-29-6	Aroclor 1248	22	U	81	22
11097-69-1	Aroclor 1254	28	U	81	28
11096-82-5	Aroclor 1260	9.1	U	81	9.1
37324-23-5	Aroclor 1262	14	U	81	14
11100-14-4	Aroclor 1268	14	U	81	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086518.d
Lab Smp Id: 460-41492-D-7-B Client Smp ID: SF-7
Inj Date : 21-JUN-2012 23:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-7-B
Misc Info : 460-41492-D-7-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 14
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	17.82946	% Moisture

Cpnd Variable Local Compound Variable

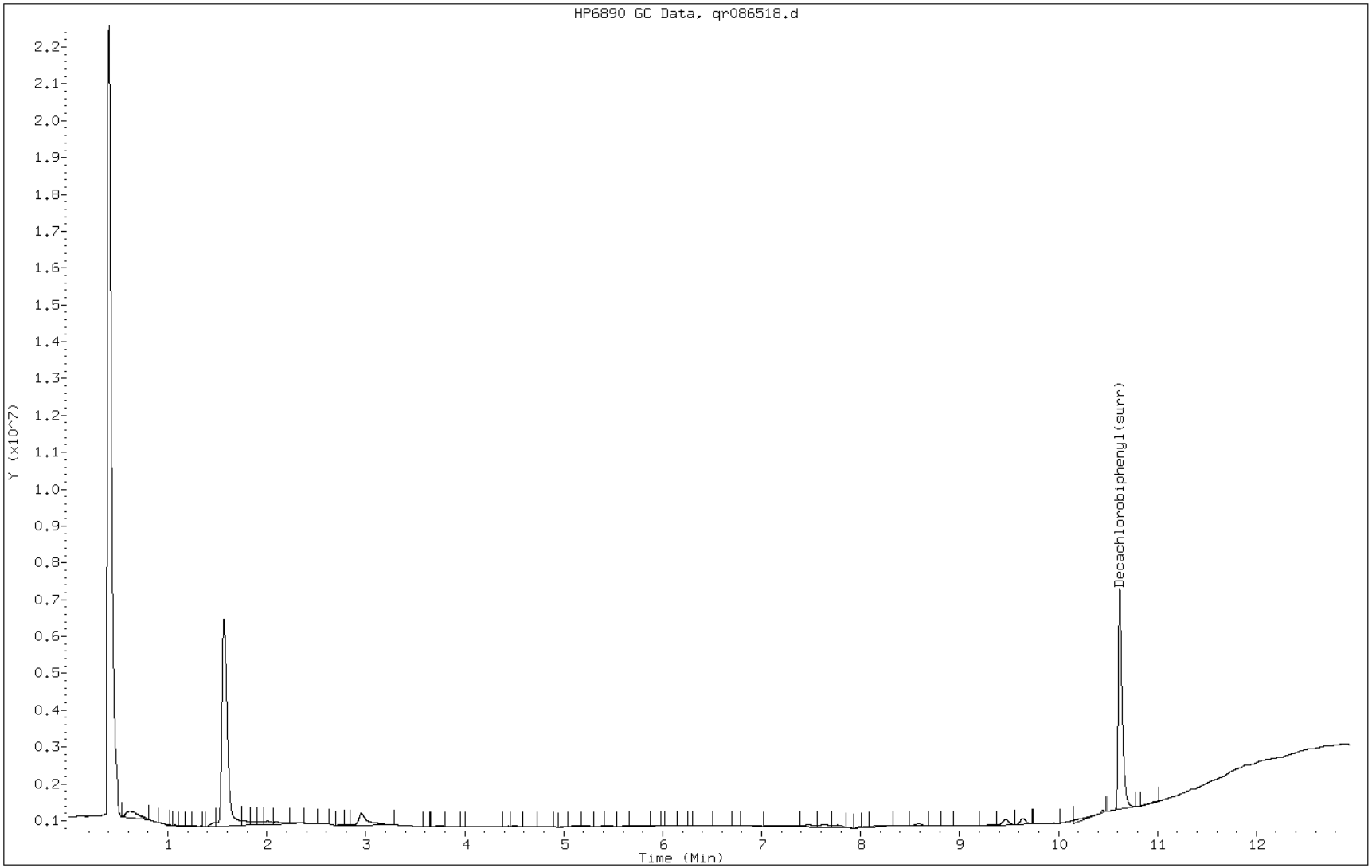
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.620	10.651	-0.031	16292301	47.8354	39	80.00- 120.00	100.00

Data File: qr086518.d

Date: 21-JUN-2012 23:19

Client ID: SF-7 Instrument: PESTGC8.i

Sample Info: 460-41492-D-7-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 Lab Sample ID: 460-41492-8

Matrix: Solid Lab File ID: qf086519.d

Analysis Method: 8082 Date Collected: 06/19/2012 09:35

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/21/2012 23:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: qf086519.d
Report Date: 24-Jun-2012 15:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086519.d
Lab Smp Id: 460-41492-D-8-F Client Smp ID: SF-8
Inj Date : 21-JUN-2012 23:41
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-F
Misc Info : 460-41492-D-8-F
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 15
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	14.36364	% Moisture

Cpnd Variable Local Compound Variable

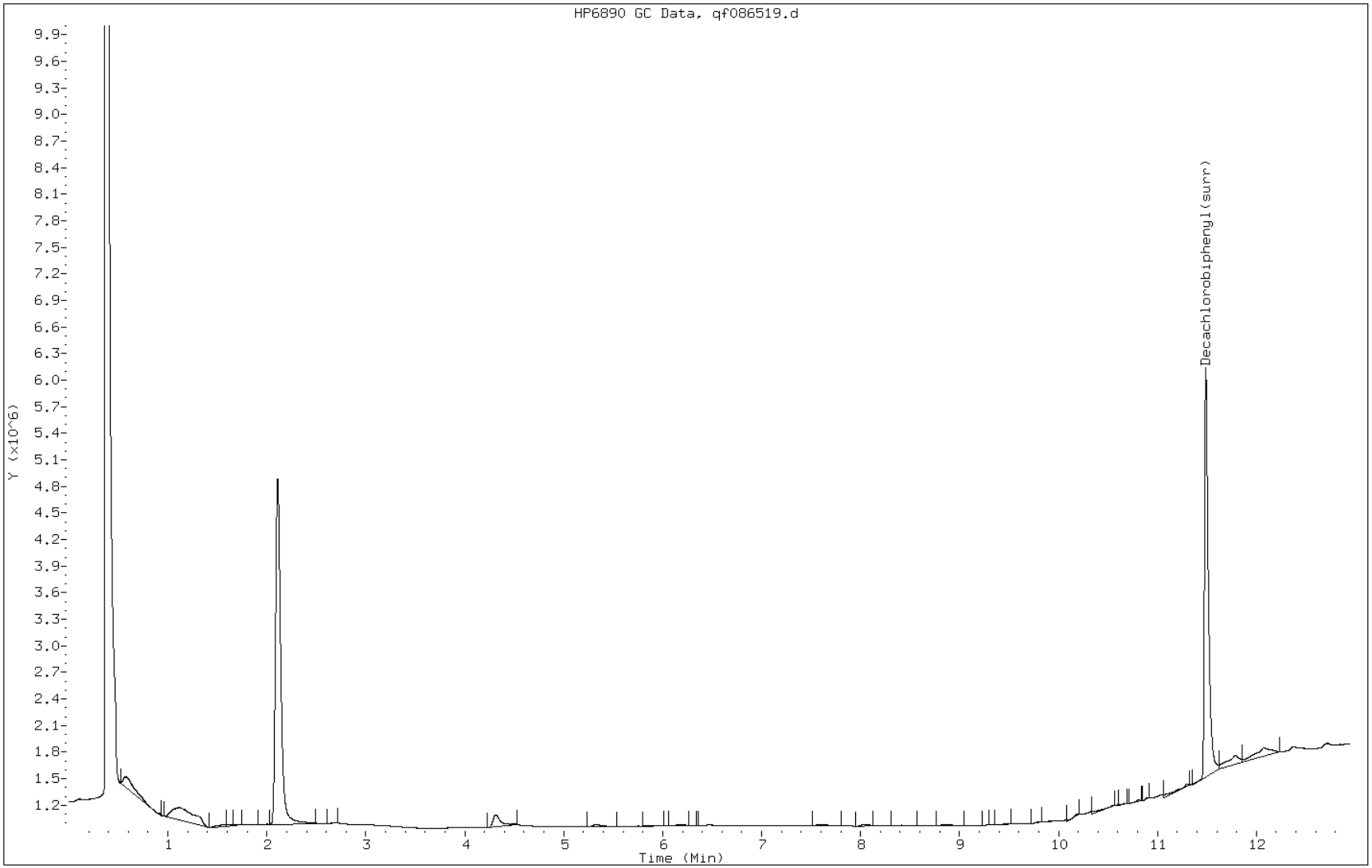
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.489	11.508	-0.019	12542483	52.9366	41	80.00- 120.00	100.00

Data File: qf086519.d

Date: 21-JUN-2012 23:41

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-F Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 | Lab Sample ID: 460-41492-8

Matrix: Solid | Lab File ID: qr086519.d

Analysis Method: 8082 | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) | Date Analyzed: 06/21/2012 23:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | 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	99		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086519.d
Lab Smp Id: 460-41492-D-8-F Client Smp ID: SF-8
Inj Date : 21-JUN-2012 23:41
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-F
Misc Info : 460-41492-D-8-F
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 15
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	14.36364	% Moisture

Cpnd Variable Local Compound Variable

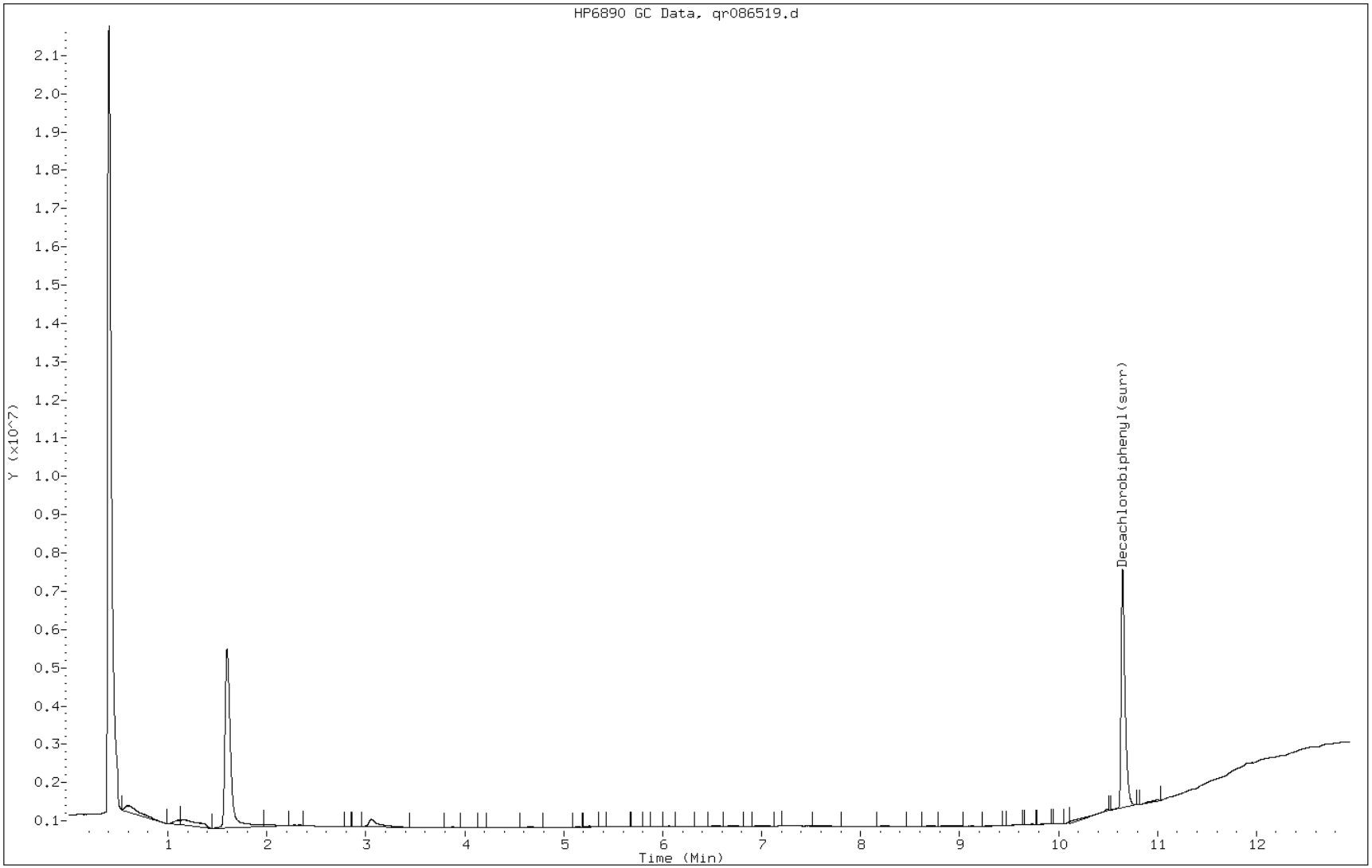
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.648	10.651	-0.003	16872026	49.5375	38	80.00- 120.00	100.00

Data File: qr086519.d

Date: 21-JUN-2012 23:41

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-F Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 Lab Sample ID: 460-41492-9

Matrix: Solid Lab File ID: qf086520.d

Analysis Method: 8082 Date Collected: 06/19/2012 10:45

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 00:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 21.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		30-150

Data File: qf086520.d
Report Date: 24-Jun-2012 15:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086520.d
Lab Smp Id: 460-41492-D-9-B Client Smp ID: SF-9
Inj Date : 22-JUN-2012 00:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-9-B
Misc Info : 460-41492-D-9-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 16
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	21.05263	% Moisture

Cpnd Variable Local Compound Variable

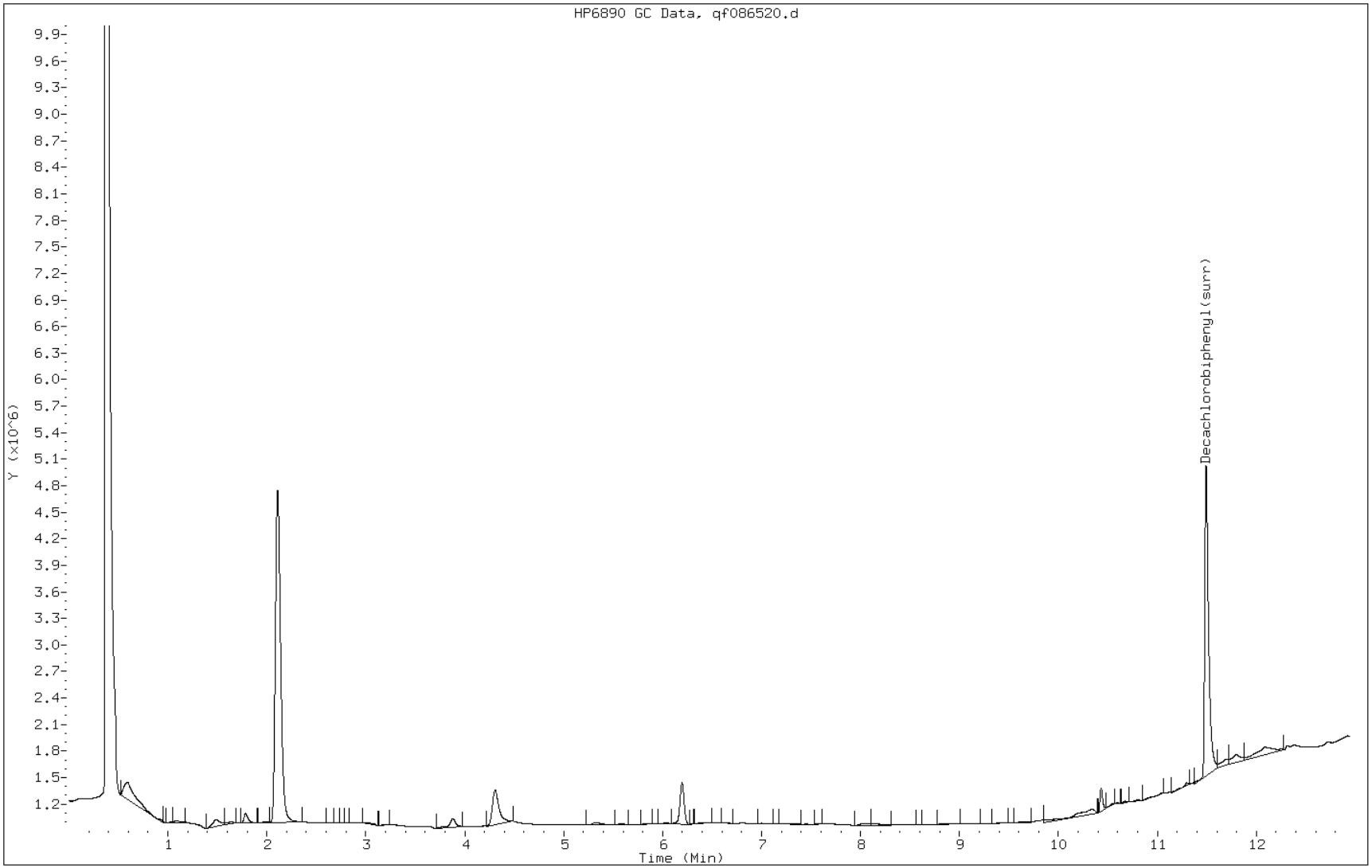
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.492	11.508	-0.016	9320890	39.3396	33	80.00- 120.00	100.00

Data File: qf086520.d

Date: 22-JUN-2012 00:02

Client ID: SF-9 Instrument: PESTGC8.i

Sample Info: 460-41492-D-9-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-9 Lab Sample ID: 460-41492-9

Matrix: Solid Lab File ID: qr086520.d

Analysis Method: 8082 Date Collected: 06/19/2012 10:45

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 00:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 21.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	85	16
11104-28-2	Aroclor 1221	26	U	85	26
11141-16-5	Aroclor 1232	48	U	85	48
53469-21-9	Aroclor 1242	16	U	85	16
12672-29-6	Aroclor 1248	23	U	85	23
11097-69-1	Aroclor 1254	29	U	85	29
11096-82-5	Aroclor 1260	9.5	U	85	9.5
37324-23-5	Aroclor 1262	15	U	85	15
11100-14-4	Aroclor 1268	15	U	85	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086520.d
Lab Smp Id: 460-41492-D-9-B Client Smp ID: SF-9
Inj Date : 22-JUN-2012 00:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-9-B
Misc Info : 460-41492-D-9-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 16
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	21.05263	% Moisture

Cpnd Variable Local Compound Variable

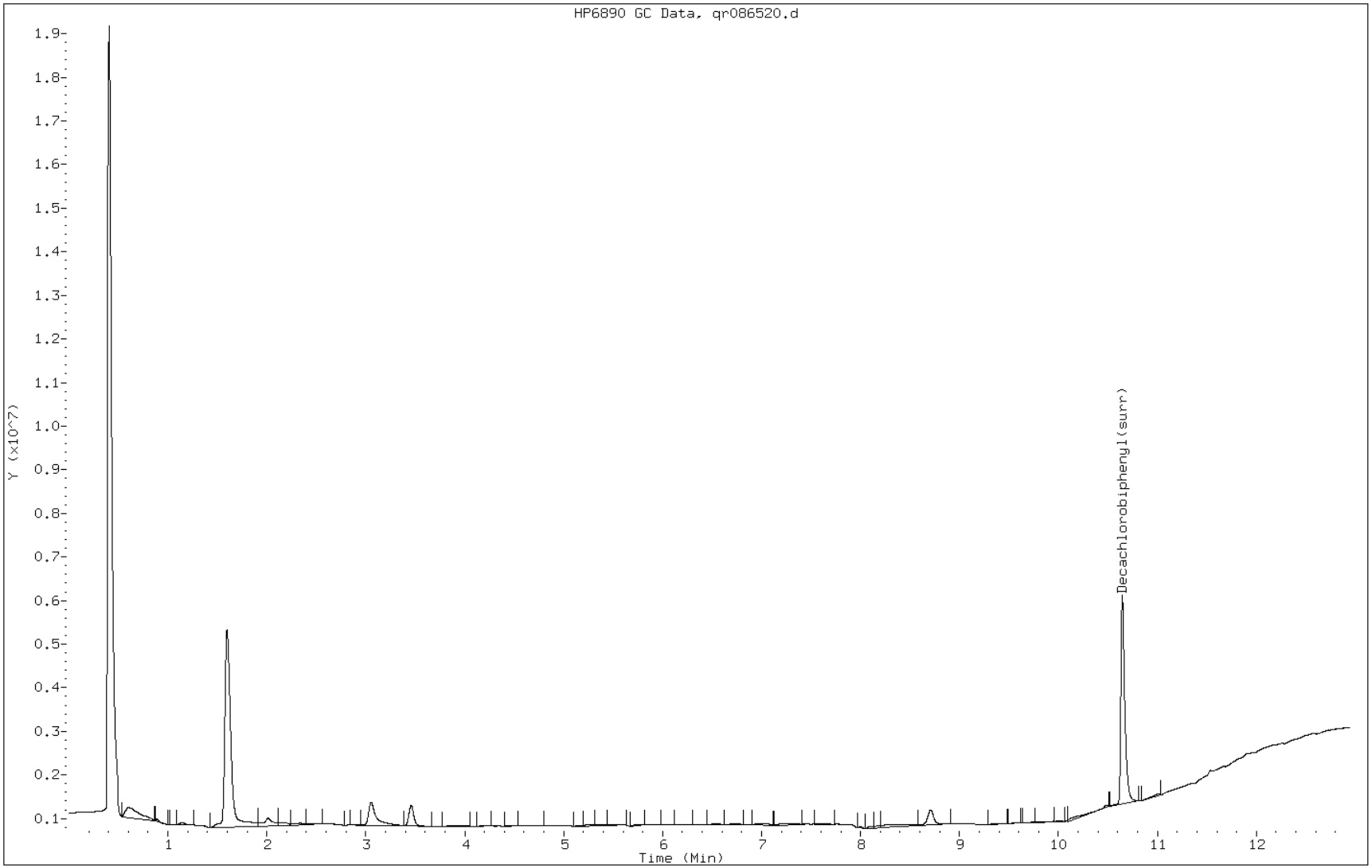
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.646	10.651	-0.005	13188286	38.7218	33	80.00- 120.00	100.00

Data File: qr086520.d

Date: 22-JUN-2012 00:02

Client ID: SF-9 Instrument: PESTGC8.i

Sample Info: 460-41492-D-9-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 Lab Sample ID: 460-41492-10

Matrix: Solid Lab File ID: qf086521.d

Analysis Method: 8082 Date Collected: 06/19/2012 11:58

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 00:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

Data File: qf086521.d
Report Date: 24-Jun-2012 15:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086521.d
Lab Smp Id: 460-41492-D-10-B Client Smp ID: SF-10
Inj Date : 22-JUN-2012 00:23
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-10-B
Misc Info : 460-41492-D-10-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 17
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	15.69343	% Moisture

Cpnd Variable Local Compound Variable

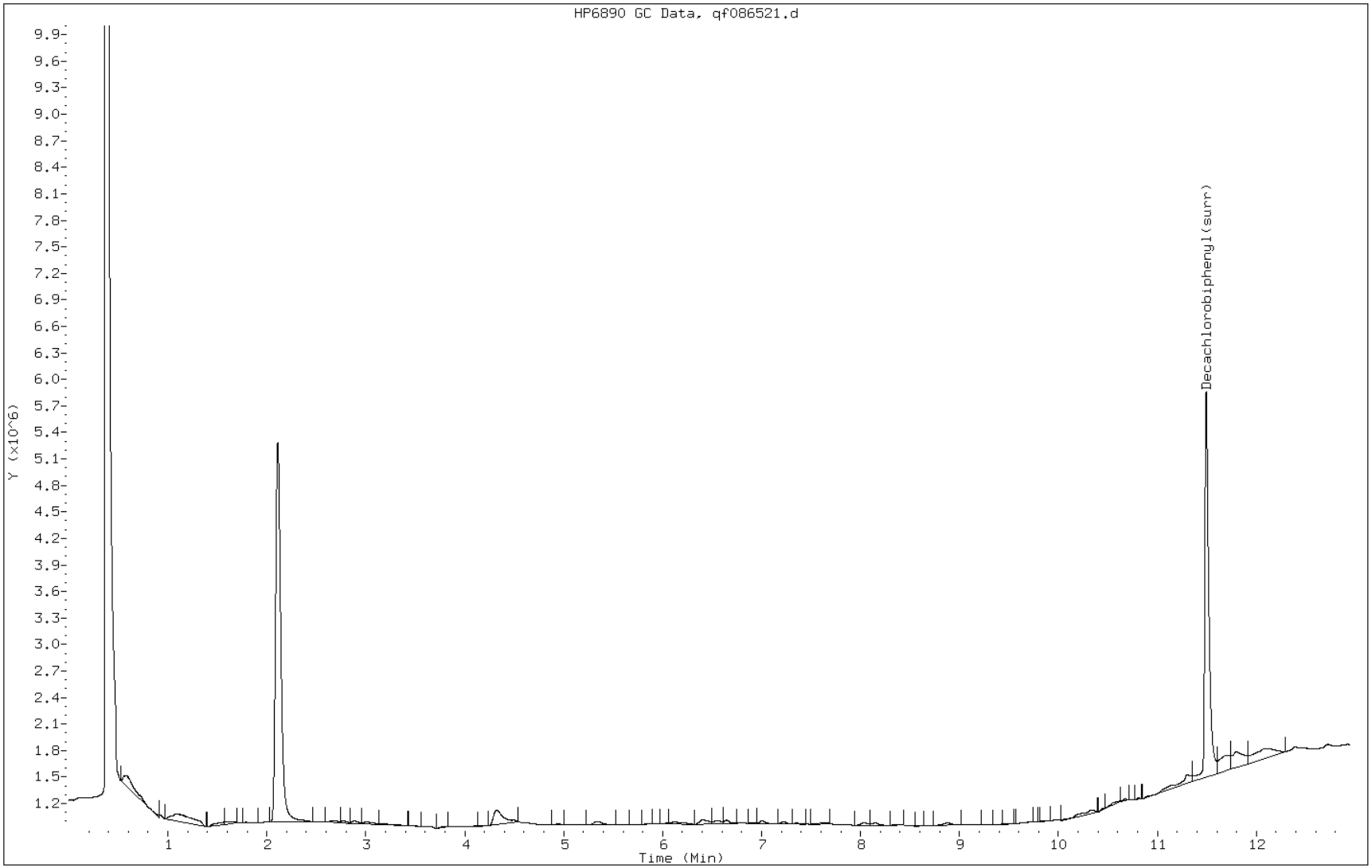
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.493	11.508	-0.015	12407009	52.3648	41	80.00- 120.00	100.00

Data File: qf086521.d

Date: 22-JUN-2012 00:23

Client ID: SF-10 Instrument: PESTGC8.i

Sample Info: 460-41492-D-10-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-10 Lab Sample ID: 460-41492-10

Matrix: Solid Lab File ID: qr086521.d

Analysis Method: 8082 Date Collected: 06/19/2012 11:58

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 00:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	96		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086521.d
Lab Smp Id: 460-41492-D-10-B Client Smp ID: SF-10
Inj Date : 22-JUN-2012 00:23
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-10-B
Misc Info : 460-41492-D-10-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 17
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	15.69343	% Moisture

Cpnd Variable Local Compound Variable

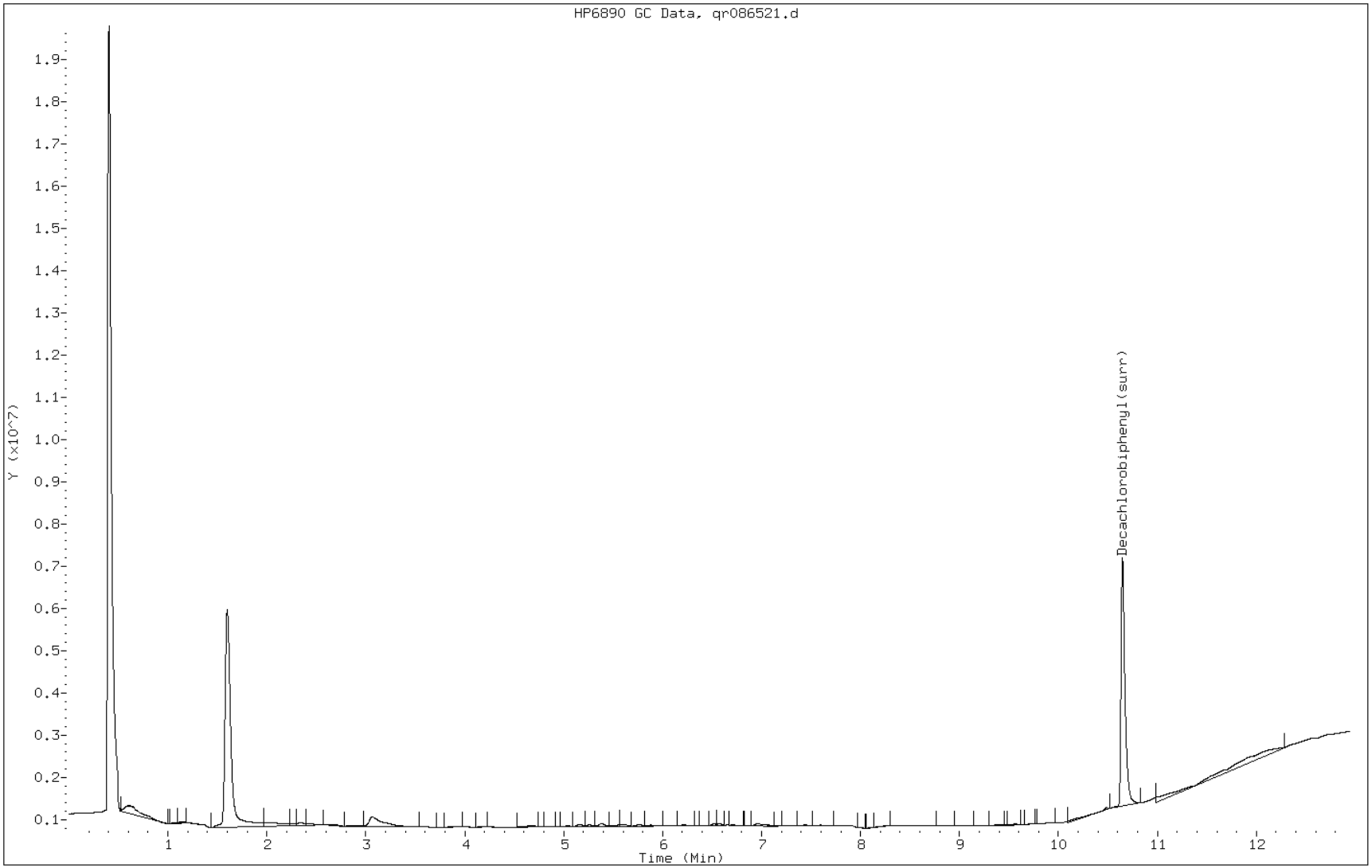
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.647	10.651	-0.004	16311949	47.8931	38	80.00- 120.00	100.00

Data File: qr086521.d

Date: 22-JUN-2012 00:23

Client ID: SF-10 Instrument: PESTGC8.i

Sample Info: 460-41492-D-10-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 Lab Sample ID: 460-41492-11

Matrix: Solid Lab File ID: qf086522.d

Analysis Method: 8082 Date Collected: 06/19/2012 12:45

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.02(g) Date Analyzed: 06/22/2012 00:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

Data File: qf086522.d
Report Date: 24-Jun-2012 15:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086522.d
Lab Smp Id: 460-41492-D-11-A Client Smp ID: SF-11
Inj Date : 22-JUN-2012 00:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-11-A
Misc Info : 460-41492-D-11-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 18
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	8.76289	% Moisture

Cpnd Variable Local Compound Variable

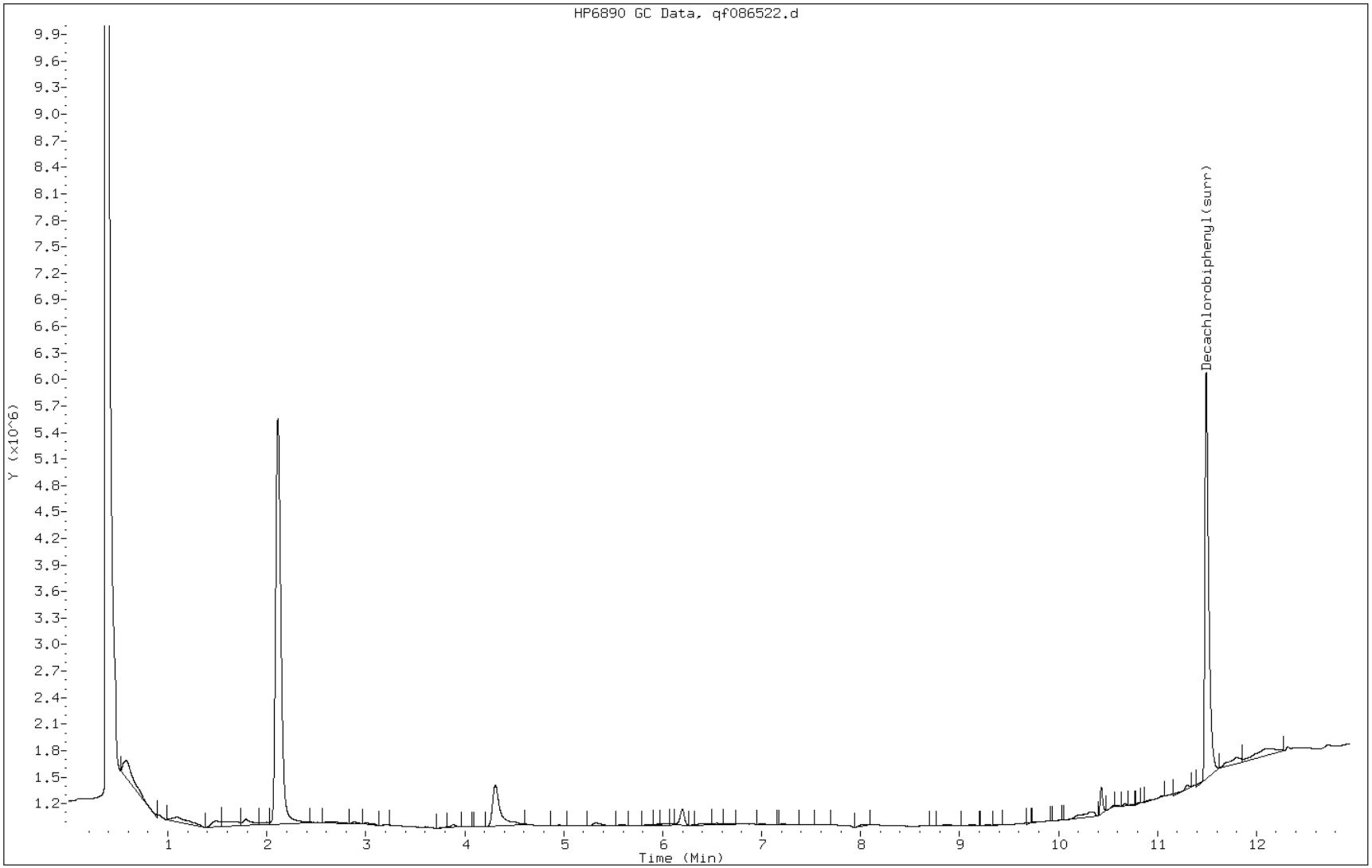
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.493	11.508	-0.015	12220706	51.5785	38	80.00- 120.00	100.00

Data File: qf086522.d

Date: 22-JUN-2012 00:44

Client ID: SF-11 Instrument: PESTGC8.i

Sample Info: 460-41492-D-11-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-11 Lab Sample ID: 460-41492-11

Matrix: Solid Lab File ID: qr086522.d

Analysis Method: 8082 Date Collected: 06/19/2012 12:45

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.02(g) Date Analyzed: 06/22/2012 00:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	19	U	73	19
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	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086522.d
Lab Smp Id: 460-41492-D-11-A Client Smp ID: SF-11
Inj Date : 22-JUN-2012 00:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-11-A
Misc Info : 460-41492-D-11-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 18
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	8.76289	% Moisture

Cpnd Variable Local Compound Variable

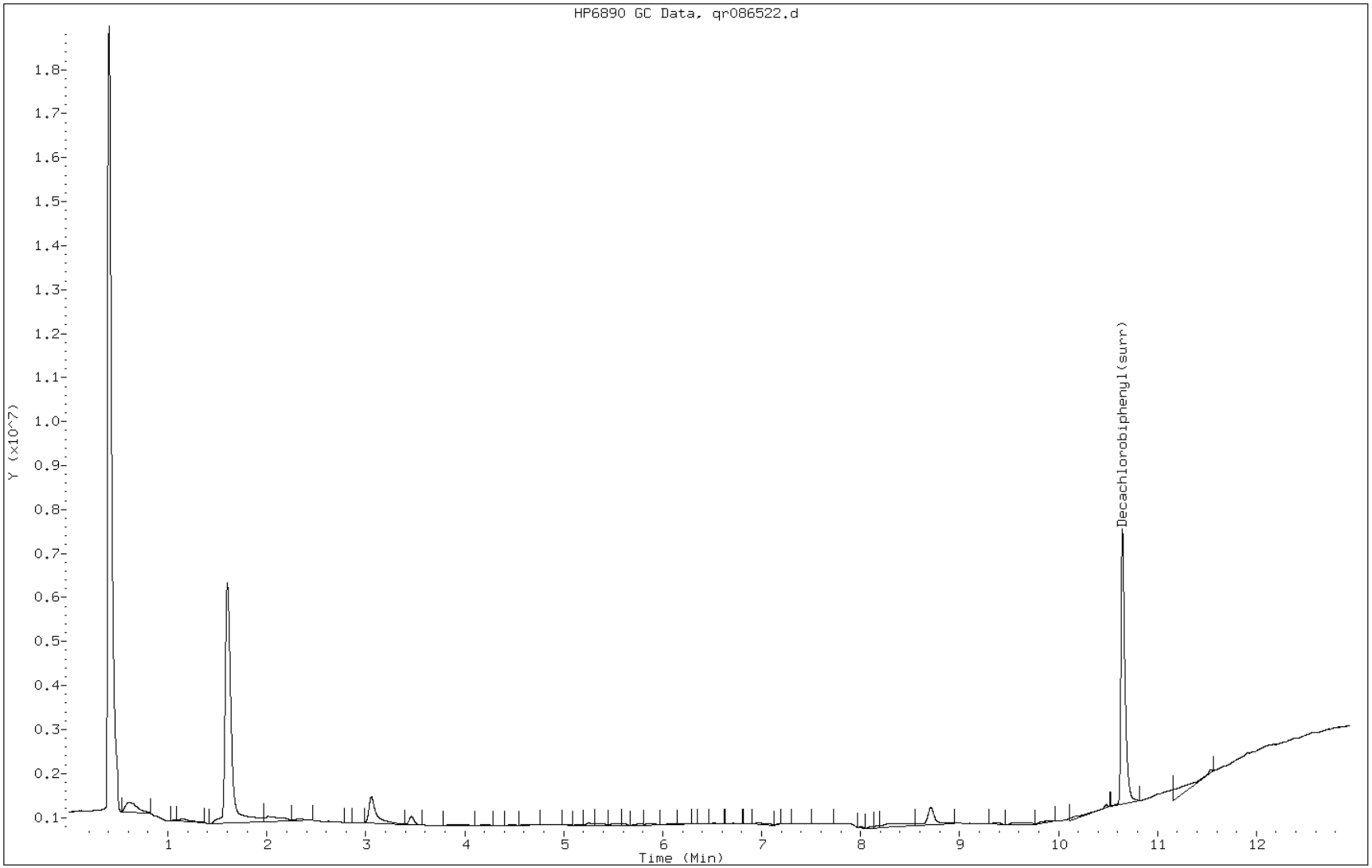
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.646	10.651	-0.005	17358337	50.9654	37	80.00- 120.00	100.00

Data File: qr086522.d

Date: 22-JUN-2012 00:44

Client ID: SF-11 Instrument: PESTGC8.i

Sample Info: 460-41492-D-11-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 Lab Sample ID: 460-41492-12

Matrix: Solid Lab File ID: qf086523.d

Analysis Method: 8082 Date Collected: 06/19/2012 13:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 00:59

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		30-150

Data File: qf086523.d
Report Date: 24-Jun-2012 15:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086523.d
Lab Smp Id: 460-41492-D-12-A Client Smp ID: SF-12
Inj Date : 22-JUN-2012 00:59
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-12-A
Misc Info : 460-41492-D-12-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 19
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	13.93298	% Moisture

Cpnd Variable Local Compound Variable

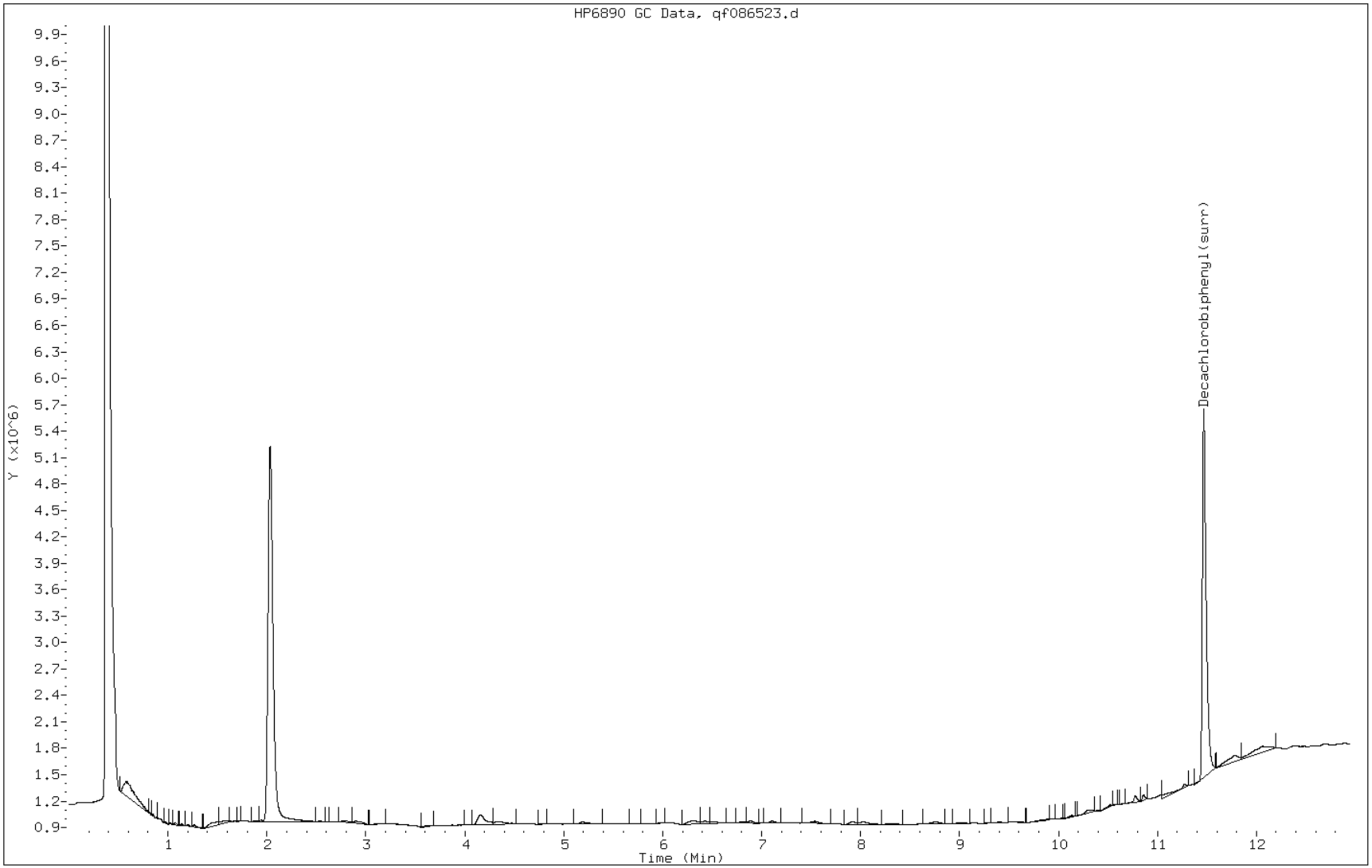
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.468	11.508	-0.040	11022613	46.5218	36	80.00- 120.00	100.00

Data File: qf086523.d

Date: 22-JUN-2012 00:59

Client ID: SF-12 Instrument: PESTGC8.i

Sample Info: 460-41492-D-12-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-12 Lab Sample ID: 460-41492-12

Matrix: Solid Lab File ID: qr086523.d

Analysis Method: 8082 Date Collected: 06/19/2012 13:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 00:59

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.: 117281 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	90		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086523.d
Lab Smp Id: 460-41492-D-12-A Client Smp ID: SF-12
Inj Date : 22-JUN-2012 00:59
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-12-A
Misc Info : 460-41492-D-12-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 19
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	13.93298	% Moisture

Cpnd Variable Local Compound Variable

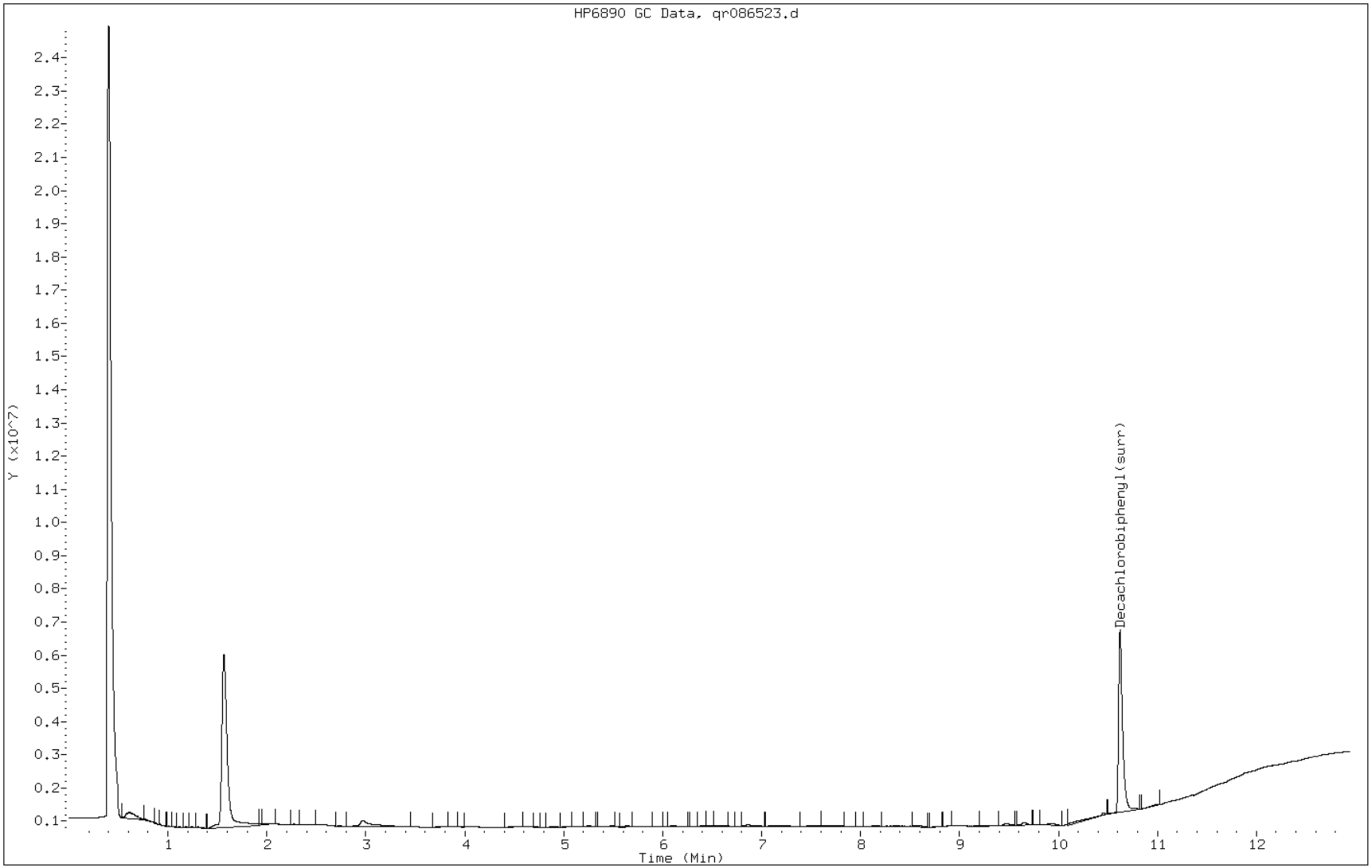
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.622	10.651	-0.029	15303726	44.9329	35	80.00- 120.00	100.00

Data File: qr086523.d

Date: 22-JUN-2012 00:59

Client ID: SF-12 Instrument: PESTGC8.i

Sample Info: 460-41492-D-12-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 Lab Sample ID: 460-41492-13

Matrix: Solid Lab File ID: qf086524.d

Analysis Method: 8082 Date Collected: 06/19/2012 14:40

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) Date Analyzed: 06/22/2012 01:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

Data File: qf086524.d
Report Date: 24-Jun-2012 15:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086524.d
Lab Smp Id: 460-41492-D-13-A Client Smp ID: SF-13
Inj Date : 22-JUN-2012 01:21
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-13-A
Misc Info : 460-41492-D-13-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 20
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	9.68343	% Moisture

Cpnd Variable Local Compound Variable

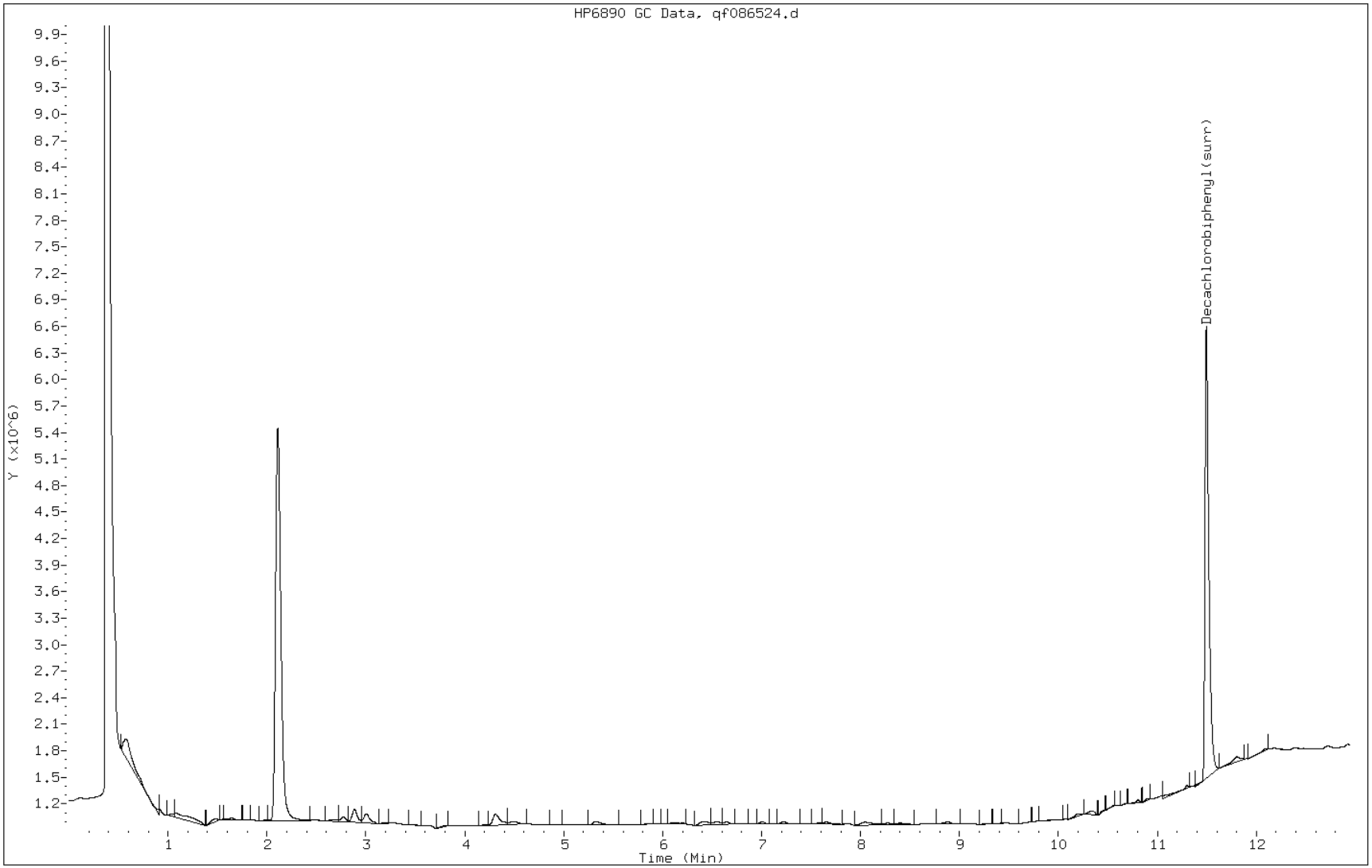
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.495	11.508	-0.013	13667501	57.6848	42	80.00- 120.00	100.00

Data File: qf086524.d

Date: 22-JUN-2012 01:21

Client ID: SF-13 Instrument: PESTGC8.i

Sample Info: 460-41492-D-13-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Matrix: Solid | Lab File ID: qr086524.d

Analysis Method: 8082 | Date Collected: 06/19/2012 14:40

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) | Date Analyzed: 06/22/2012 01:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | 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	109		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086524.d
Lab Smp Id: 460-41492-D-13-A Client Smp ID: SF-13
Inj Date : 22-JUN-2012 01:21
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-13-A
Misc Info : 460-41492-D-13-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 20
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	9.68343	% Moisture

Cpnd Variable Local Compound Variable

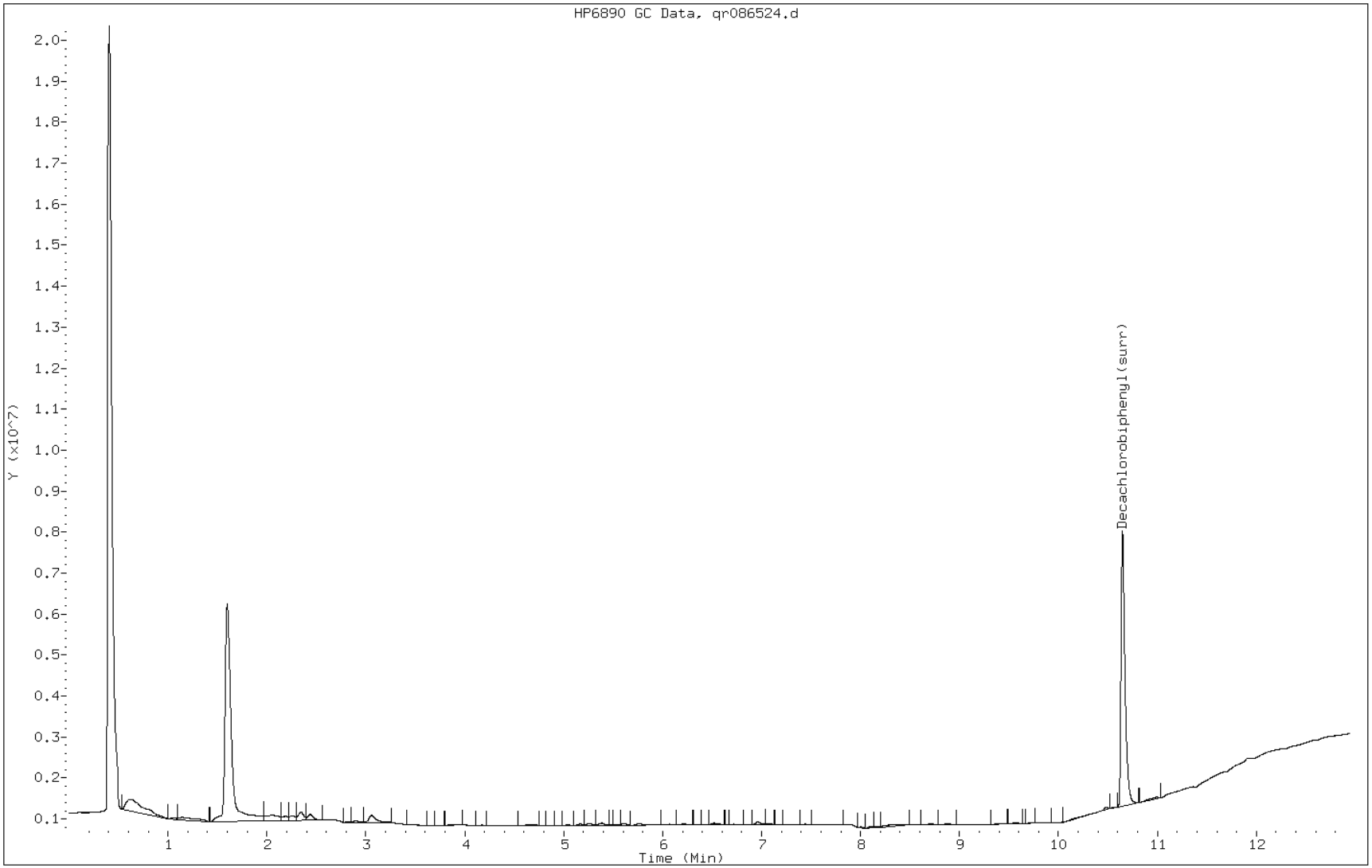
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.647	10.651	-0.004	18568441	54.5183	40	80.00- 120.00	100.00

Data File: qr086524.d

Date: 22-JUN-2012 01:21

Client ID: SF-13 Instrument: PESTGC8.i

Sample Info: 460-41492-D-13-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 Lab Sample ID: 460-41492-14

Matrix: Solid Lab File ID: qf086525.d

Analysis Method: 8082 Date Collected: 06/19/2012 15:37

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 01:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		30-150

Data File: qf086525.d
Report Date: 24-Jun-2012 15:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086525.d
Lab Smp Id: 460-41492-D-14-A Client Smp ID: SF-14
Inj Date : 22-JUN-2012 01:36
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-14-A
Misc Info : 460-41492-D-14-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 21
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	11.77570	% Moisture

Cpnd Variable Local Compound Variable

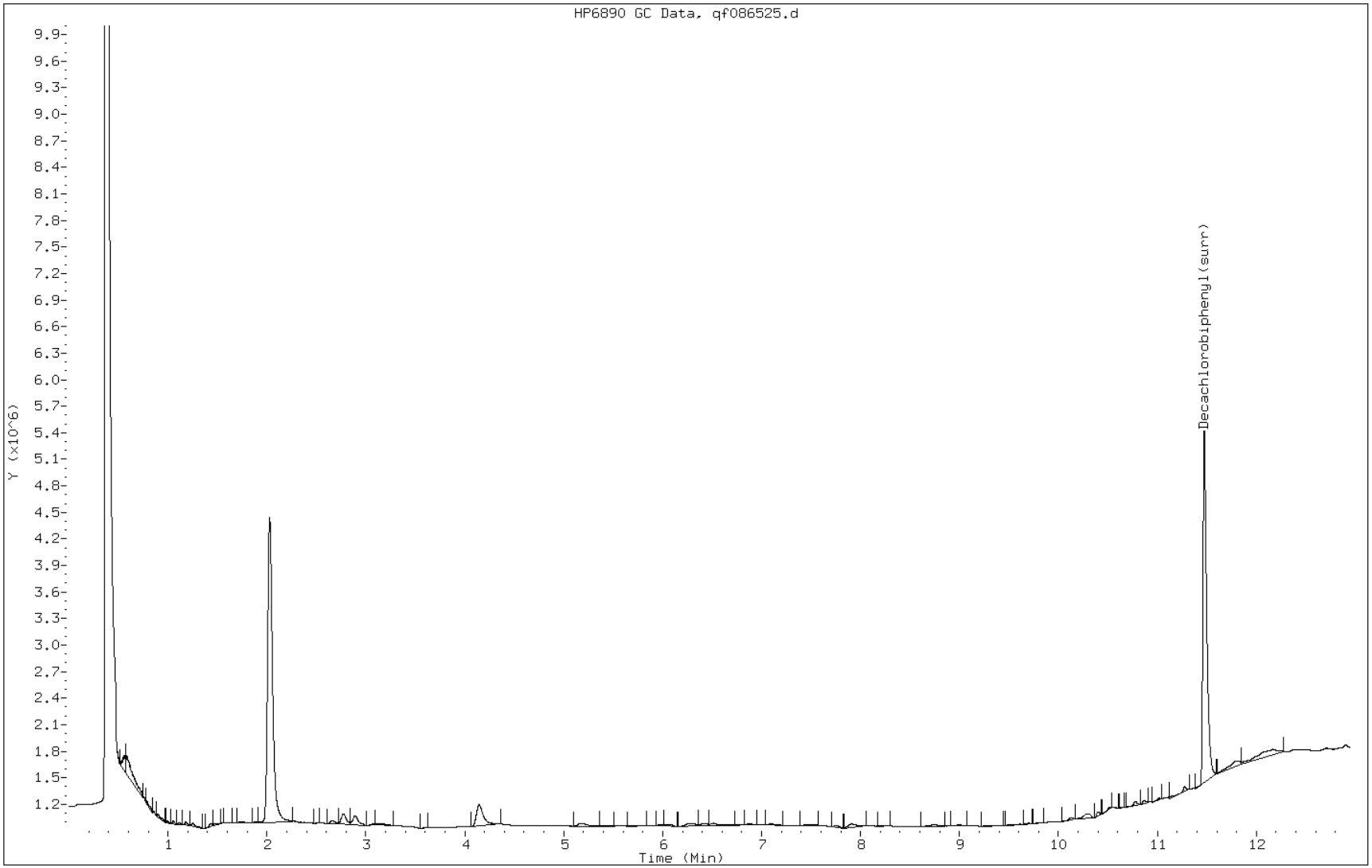
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.473	11.508	-0.035	10464314	44.1655	33	80.00- 120.00	100.00

Data File: qf086525.d

Date: 22-JUN-2012 01:36

Client ID: SF-14 Instrument: PESTGC8.i

Sample Info: 460-41492-D-14-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-14 Lab Sample ID: 460-41492-14

Matrix: Solid Lab File ID: qr086525.d

Analysis Method: 8082 Date Collected: 06/19/2012 15:37

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.03(g) Date Analyzed: 06/22/2012 01:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	87		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086525.d
Lab Smp Id: 460-41492-D-14-A Client Smp ID: SF-14
Inj Date : 22-JUN-2012 01:36
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-14-A
Misc Info : 460-41492-D-14-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 21
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	11.77570	% Moisture

Cpnd Variable Local Compound Variable

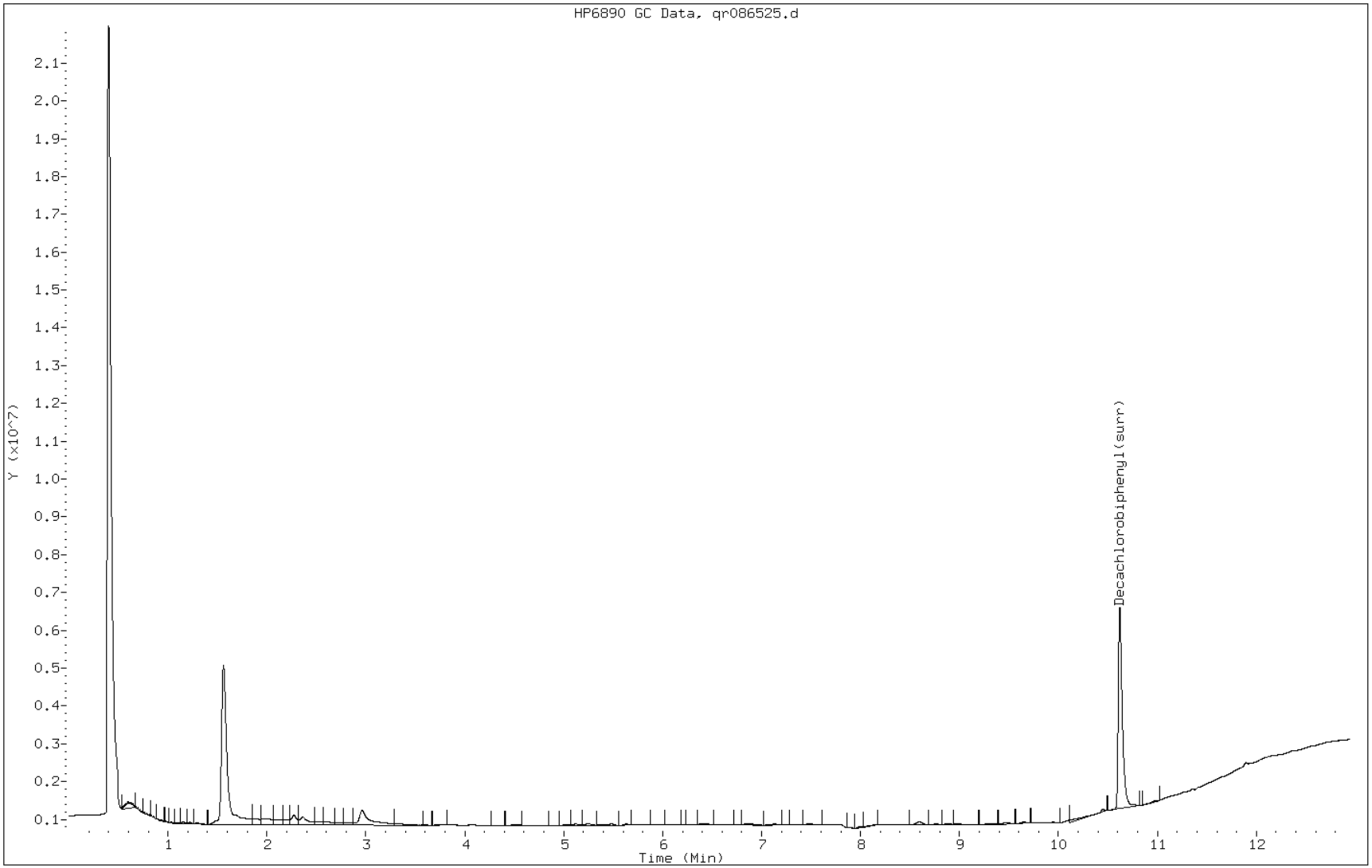
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.620	10.651	-0.031	14857072	43.6215	33	80.00- 120.00	100.00

Data File: qr086525.d

Date: 22-JUN-2012 01:36

Client ID: SF-14 Instrument: PESTGC8.i

Sample Info: 460-41492-D-14-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C Lab Sample ID: 460-41492-15

Matrix: Solid Lab File ID: qf086526.d

Analysis Method: 8082 Date Collected: 06/18/2012 00:00

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 01:58

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: qf086526.d
Report Date: 24-Jun-2012 15:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086526.d
Lab Smp Id: 460-41492-D-15-A Client Smp ID: FD-C
Inj Date : 22-JUN-2012 01:58
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-15-A
Misc Info : 460-41492-D-15-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 22
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	11.54562	% 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		
11.492	11.508	-0.016	12516739	52.8279	40	80.00- 120.00	100.00

Data File: qf086526.d

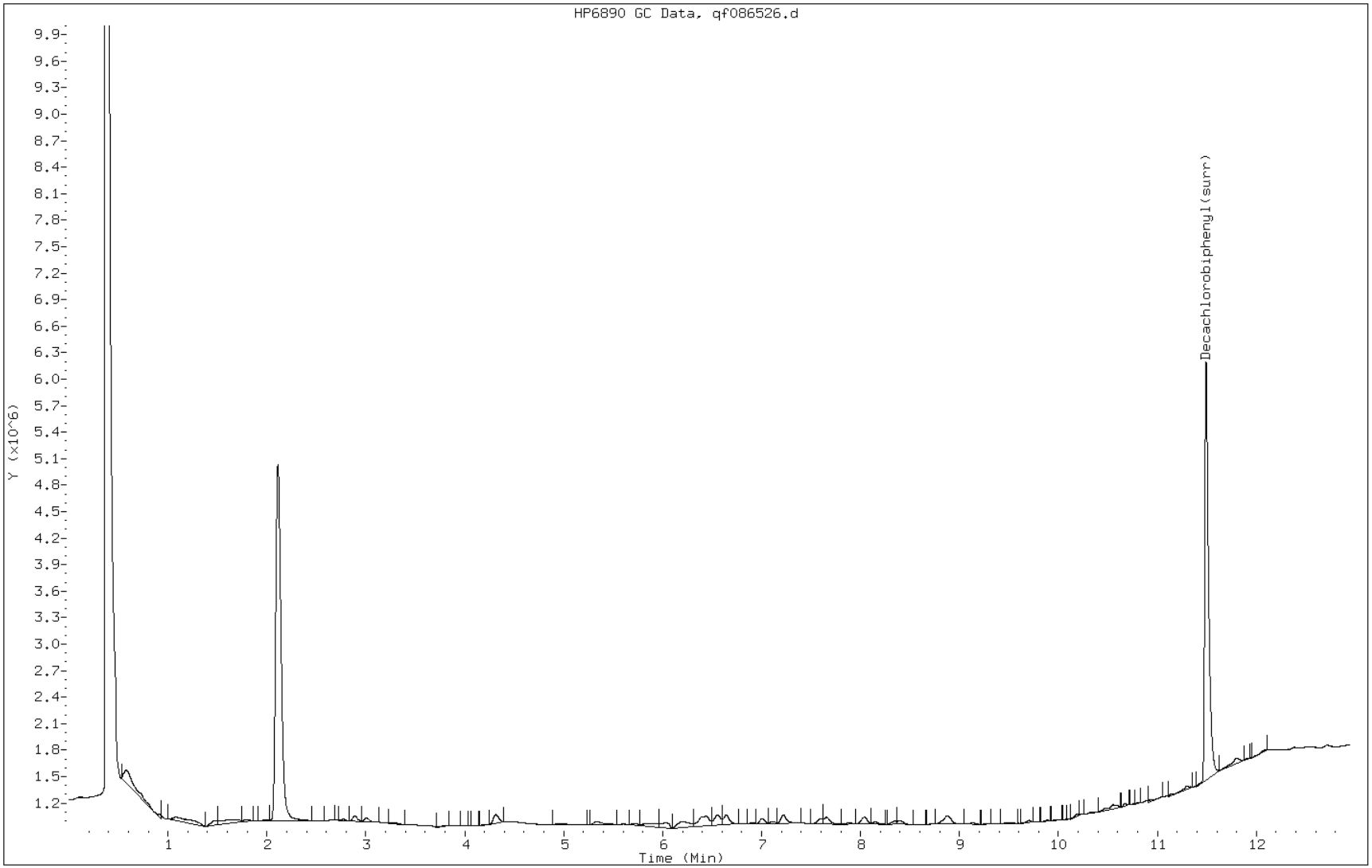
Date: 22-JUN-2012 01:58

Client ID: FD-C

Instrument: PESTGC8.i

Sample Info: 460-41492-D-15-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-C | Lab Sample ID: 460-41492-15

Matrix: Solid | Lab File ID: qr086526.d

Analysis Method: 8082 | Date Collected: 06/18/2012 00:00

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) | Date Analyzed: 06/22/2012 01:58

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.: 117281 | 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	43	U	75	43
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	8.4	U	75	8.4
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	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086526.d
Lab Smp Id: 460-41492-D-15-A Client Smp ID: FD-C
Inj Date : 22-JUN-2012 01:58
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-15-A
Misc Info : 460-41492-D-15-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 22
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	11.54562	% 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		
10.647	10.651	-0.004	17372163	51.0060	38	80.00- 120.00	100.00

Data File: qr086526.d

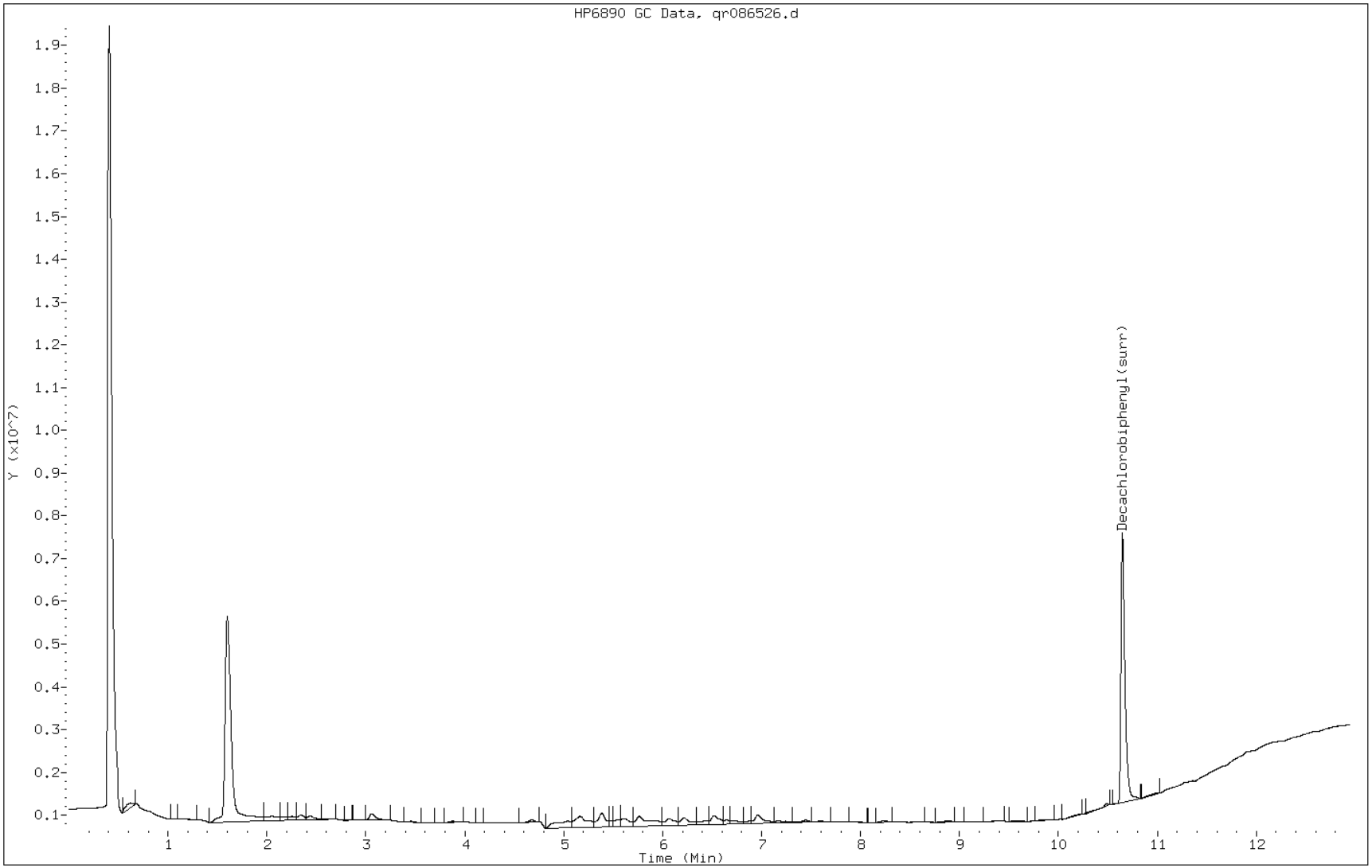
Date: 22-JUN-2012 01:58

Client ID: FD-C

Instrument: PESTGC8.i

Sample Info: 460-41492-D-15-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 Lab Sample ID: 460-41492-16

Matrix: Solid Lab File ID: qf086527.d

Analysis Method: 8082 Date Collected: 06/18/2012 11:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 02:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		30-150

Data File: qf086527.d
Report Date: 24-Jun-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086527.d
Lab Smp Id: 460-41492-D-16-A Client Smp ID: F-1
Inj Date : 22-JUN-2012 02:13
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-16-A
Misc Info : 460-41492-D-16-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 23
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	6.69078	% Moisture

Cpnd Variable Local Compound Variable

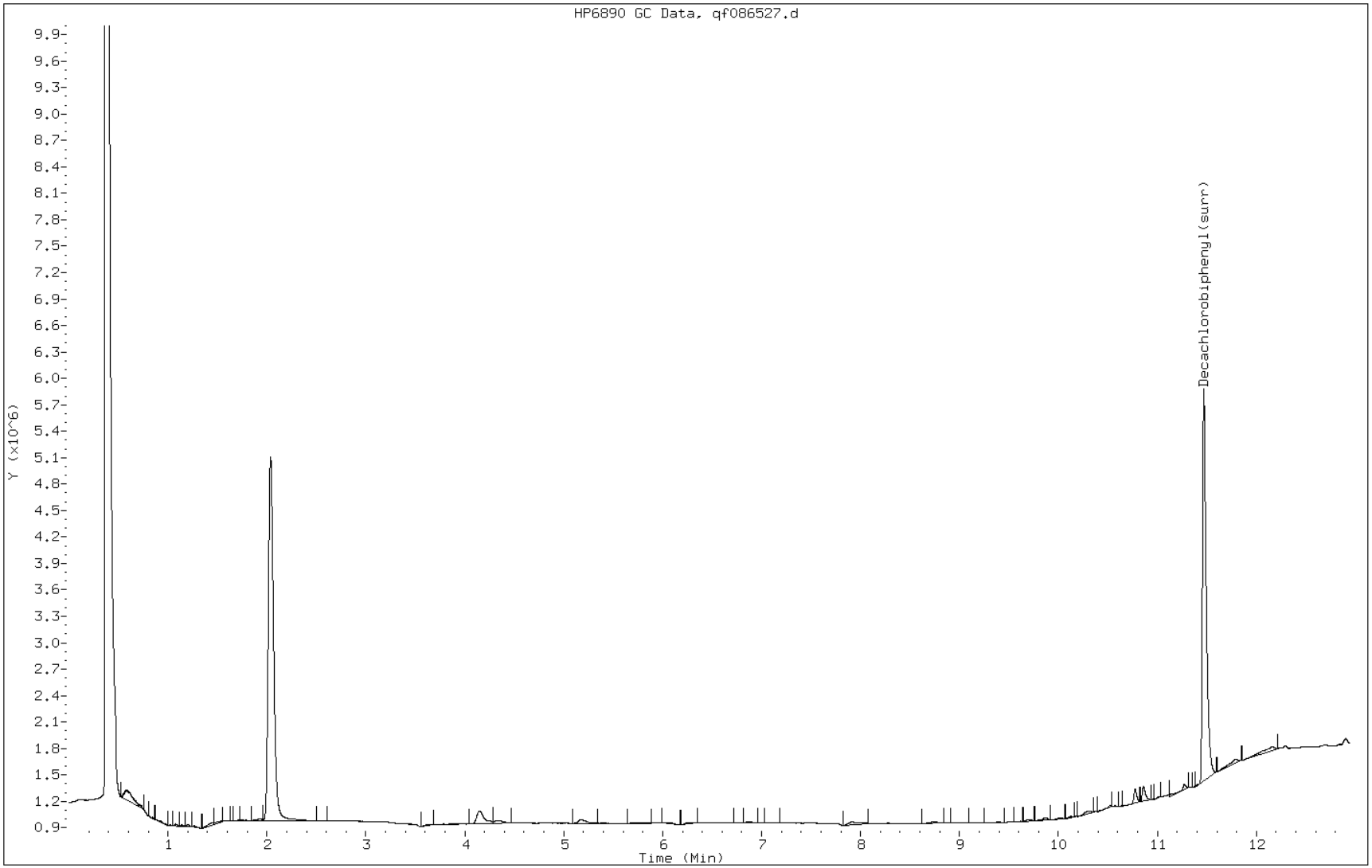
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.469	11.508	-0.039	11686828	49.3252	35	80.00- 120.00	100.00

Data File: qf086527.d

Date: 22-JUN-2012 02:13

Client ID: F-1 Instrument: PESTGC8.i

Sample Info: 460-41492-D-16-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-1 Lab Sample ID: 460-41492-16

Matrix: Solid Lab File ID: qr086527.d

Analysis Method: 8082 Date Collected: 06/18/2012 11:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.05(g) Date Analyzed: 06/22/2012 02:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 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	97		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086527.d
Lab Smp Id: 460-41492-D-16-A Client Smp ID: F-1
Inj Date : 22-JUN-2012 02:13
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-16-A
Misc Info : 460-41492-D-16-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 23
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	6.69078	% Moisture

Cpnd Variable Local Compound Variable

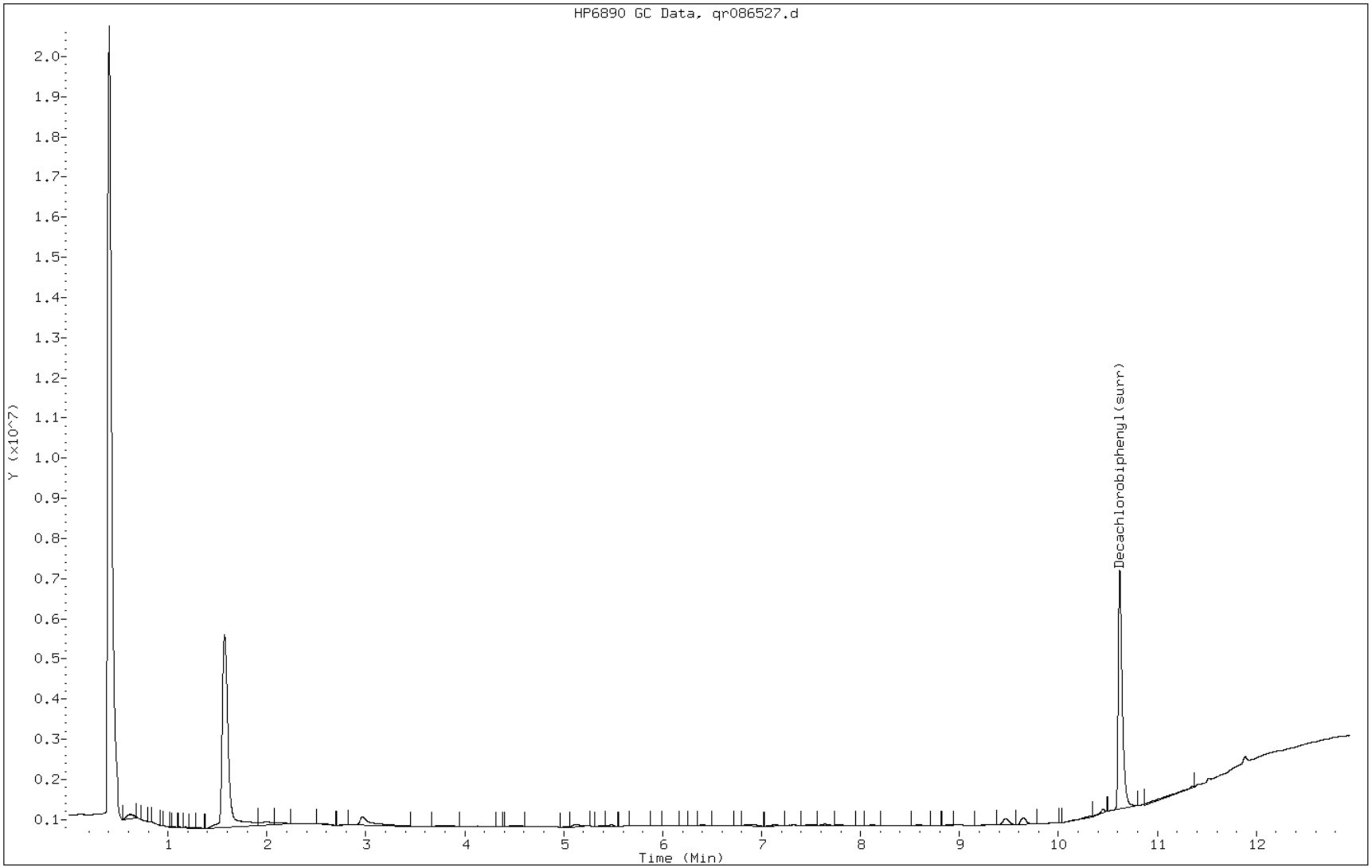
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.620	10.651	-0.031	16462135	48.3341	34	80.00- 120.00	100.00

Data File: qr086527.d

Date: 22-JUN-2012 02:13

Client ID: F-1 Instrument: PESTGC8.i

Sample Info: 460-41492-D-16-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 Lab Sample ID: 460-41492-17

Matrix: Solid Lab File ID: qf086528.d

Analysis Method: 8082 Date Collected: 06/18/2012 11:38

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 02:34

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

Data File: qf086528.d
Report Date: 24-Jun-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086528.d
Lab Smp Id: 460-41492-D-17-A Client Smp ID: F-2
Inj Date : 22-JUN-2012 02:34
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-17-A
Misc Info : 460-41492-D-17-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 24
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	11.68582	% Moisture

Cpnd Variable Local Compound Variable

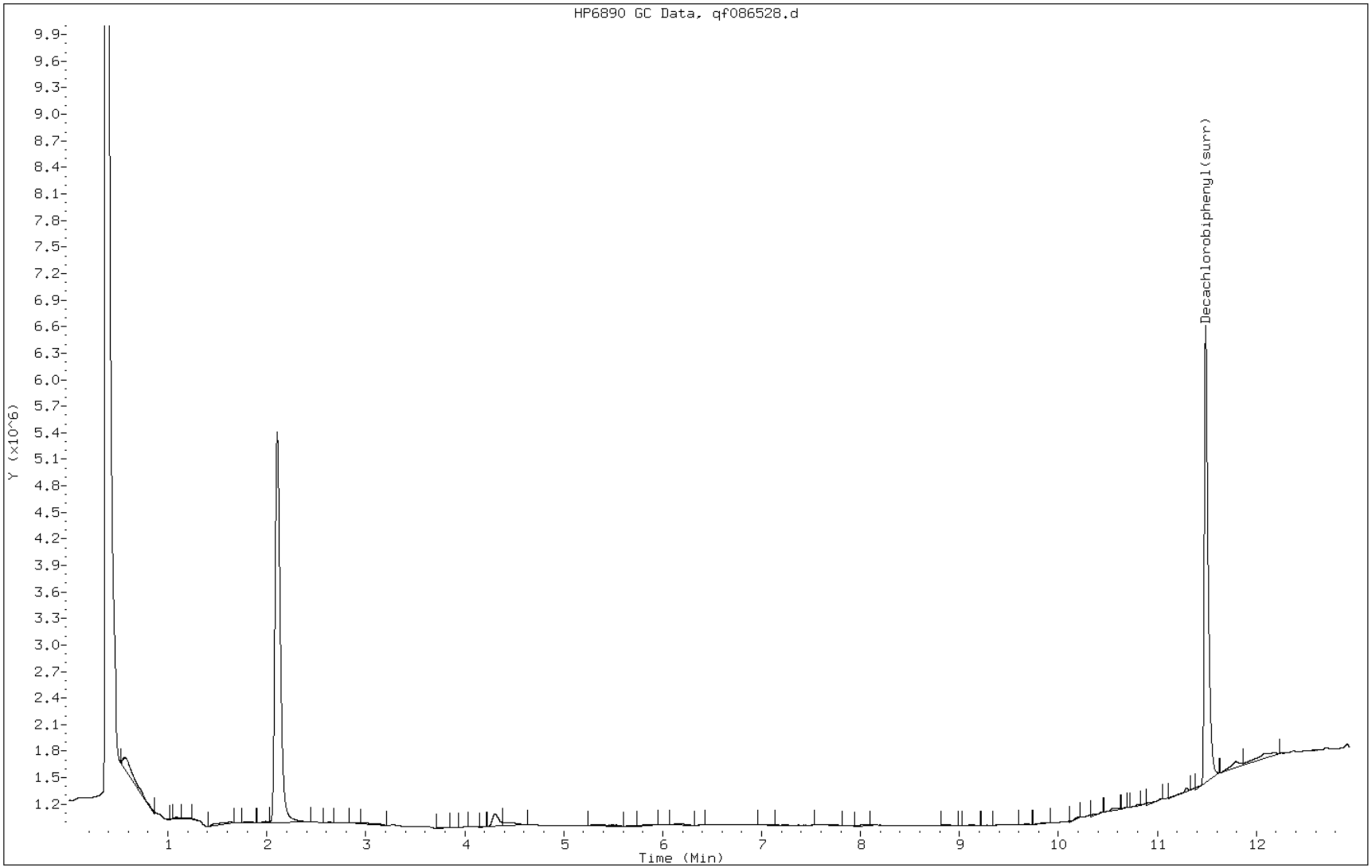
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.487	11.508	-0.021	13816748	58.3147	44	80.00- 120.00	100.00

Data File: qf086528.d

Date: 22-JUN-2012 02:34

Client ID: F-2 Instrument: PESTGC8.i

Sample Info: 460-41492-D-17-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-2 Lab Sample ID: 460-41492-17

Matrix: Solid Lab File ID: qr086528.d

Analysis Method: 8082 Date Collected: 06/18/2012 11:38

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) Date Analyzed: 06/22/2012 02:34

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.: 117281 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	111		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086528.d
Lab Smp Id: 460-41492-D-17-A Client Smp ID: F-2
Inj Date : 22-JUN-2012 02:34
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-17-A
Misc Info : 460-41492-D-17-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 24
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	11.68582	% Moisture

Cpnd Variable Local Compound Variable

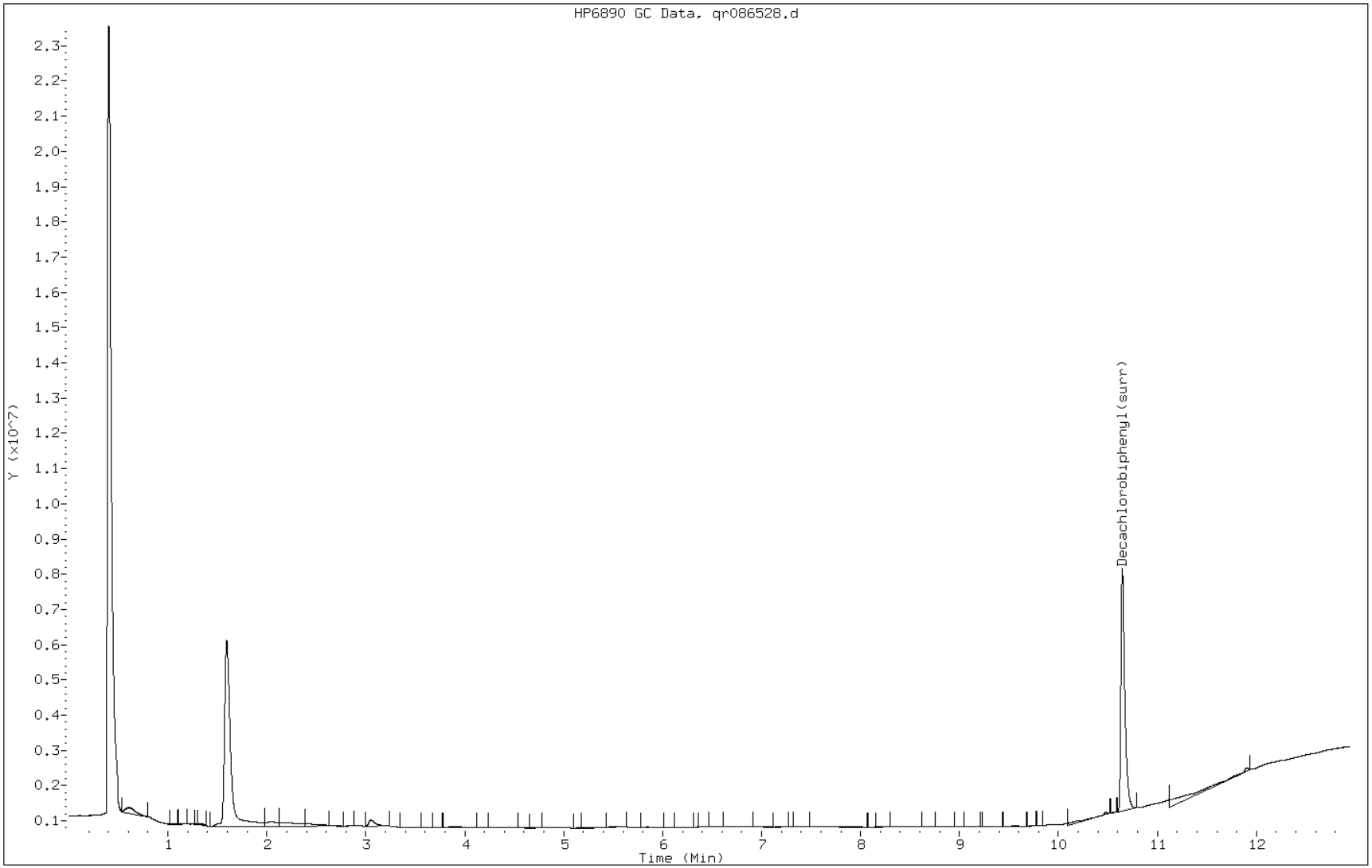
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.646	10.651	-0.005	18835148	55.3014	42	80.00- 120.00	100.00

Data File: qr086528.d

Date: 22-JUN-2012 02:34

Client ID: F-2 Instrument: PESTGC8.i

Sample Info: 460-41492-D-17-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 Lab Sample ID: 460-41492-19

Matrix: Solid Lab File ID: qf086529.d

Analysis Method: 8082 Date Collected: 06/18/2012 14:15

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.02(g) Date Analyzed: 06/22/2012 02:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 23.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

Data File: qf086529.d
Report Date: 24-Jun-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086529.d
Lab Smp Id: 460-41492-D-19-A Client Smp ID: F-4
Inj Date : 22-JUN-2012 02:56
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-19-A
Misc Info : 460-41492-D-19-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 25
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	23.17291	% Moisture

Cpnd Variable Local Compound Variable

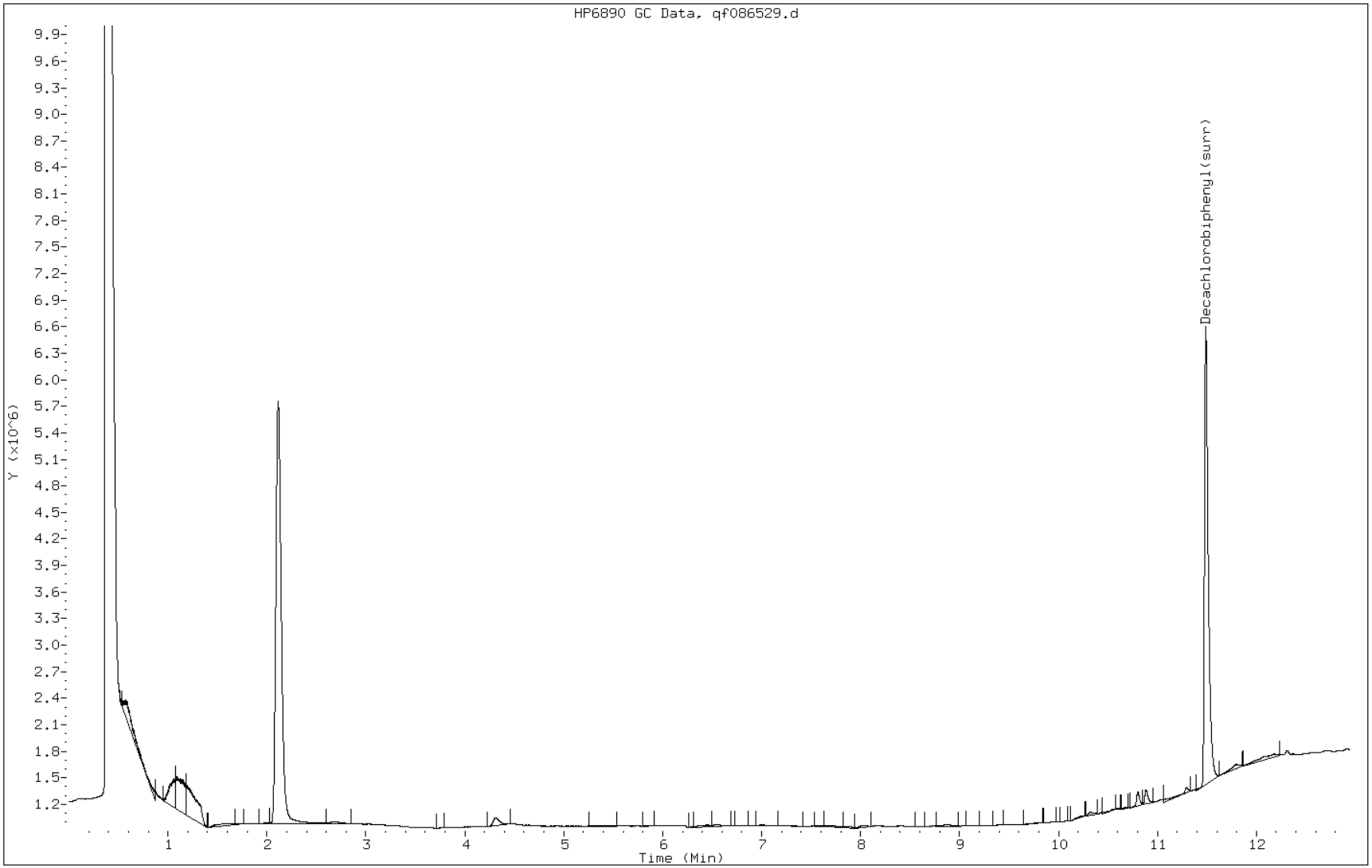
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.489	11.508	-0.019	13740779	57.9941	50	80.00- 120.00	100.00

Data File: qf086529.d

Date: 22-JUN-2012 02:56

Client ID: F-4 Instrument: PESTGC8.i

Sample Info: 460-41492-D-19-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Matrix: Solid | Lab File ID: qr086529.d

Analysis Method: 8082 | Date Collected: 06/18/2012 14:15

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.02(g) | Date Analyzed: 06/22/2012 02:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 23.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	87	17
11104-28-2	Aroclor 1221	26	U	87	26
11141-16-5	Aroclor 1232	49	U	87	49
53469-21-9	Aroclor 1242	17	U	87	17
12672-29-6	Aroclor 1248	23	U	87	23
11097-69-1	Aroclor 1254	30	U	87	30
11096-82-5	Aroclor 1260	9.7	U	87	9.7
37324-23-5	Aroclor 1262	15	U	87	15
11100-14-4	Aroclor 1268	15	U	87	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086529.d
Lab Smp Id: 460-41492-D-19-A Client Smp ID: F-4
Inj Date : 22-JUN-2012 02:56
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-19-A
Misc Info : 460-41492-D-19-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 25
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	23.17291	% Moisture

Cpnd Variable Local Compound Variable

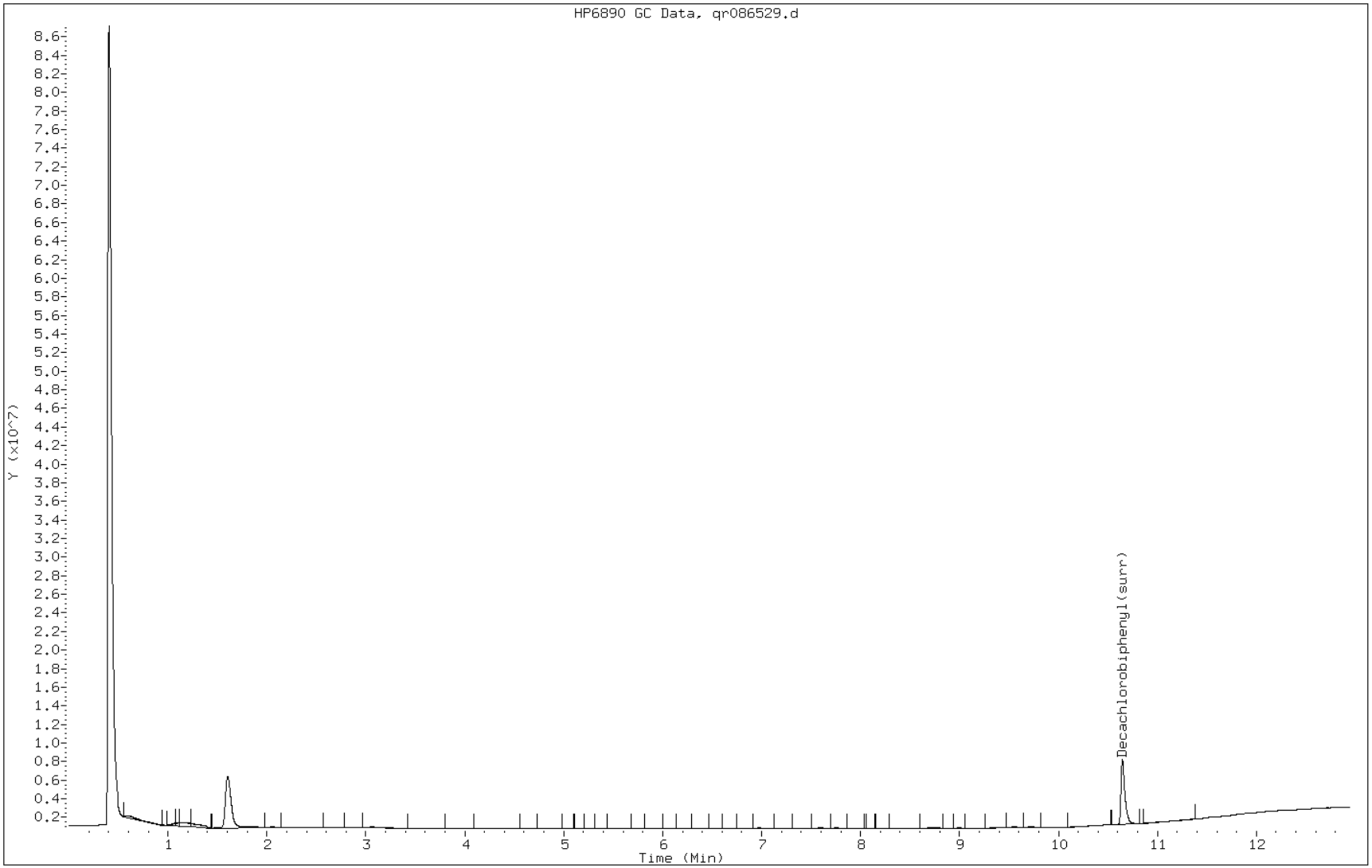
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.646	10.651	-0.005	18990501	55.7575	48	80.00- 120.00	100.00

Data File: qr086529.d

Date: 22-JUN-2012 02:56

Client ID: F-4 Instrument: PESTGC8.i

Sample Info: 460-41492-D-19-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 Lab Sample ID: 460-41492-20

Matrix: Solid Lab File ID: qf086530.d

Analysis Method: 8082 Date Collected: 06/19/2012 10:30

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 03:11

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: qf086530.d
Report Date: 24-Jun-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086530.d
Lab Smp Id: 460-41492-D-20-A Client Smp ID: F-5
Inj Date : 22-JUN-2012 03:11
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-20-A
Misc Info : 460-41492-D-20-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 26
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	11.71329	% Moisture

Cpnd Variable Local Compound Variable

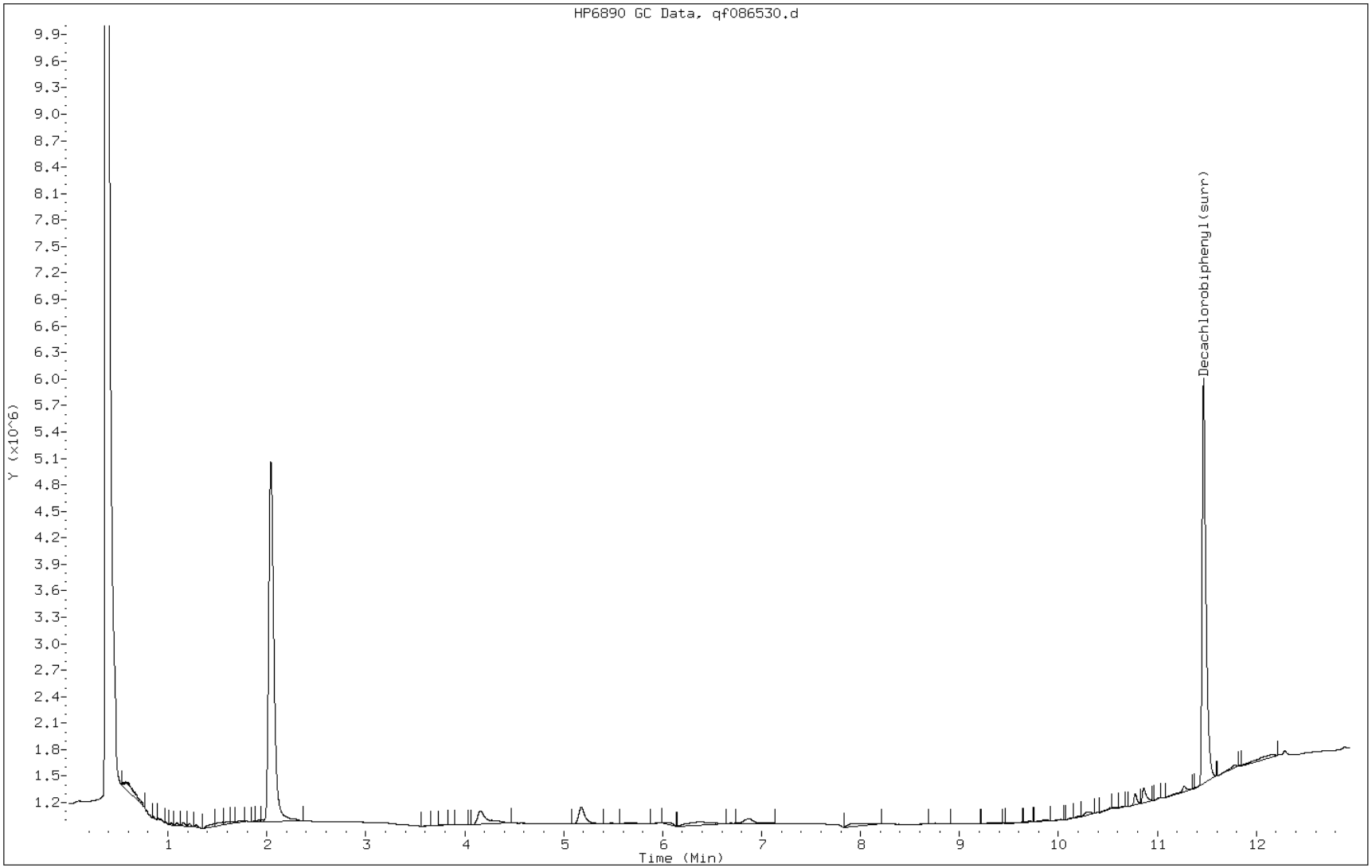
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.467	11.508	-0.041	12141294	51.2433	39	80.00- 120.00	100.00

Data File: qf086530.d

Date: 22-JUN-2012 03:11

Client ID: F-5 Instrument: PESTGC8.i

Sample Info: 460-41492-D-20-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-5 Lab Sample ID: 460-41492-20

Matrix: Solid Lab File ID: qr086530.d

Analysis Method: 8082 Date Collected: 06/19/2012 10:30

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 03:11

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.: 117281 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	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086530.d
Lab Smp Id: 460-41492-D-20-A Client Smp ID: F-5
Inj Date : 22-JUN-2012 03:11
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-20-A
Misc Info : 460-41492-D-20-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 26
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	11.71329	% Moisture

Cpnd Variable Local Compound Variable

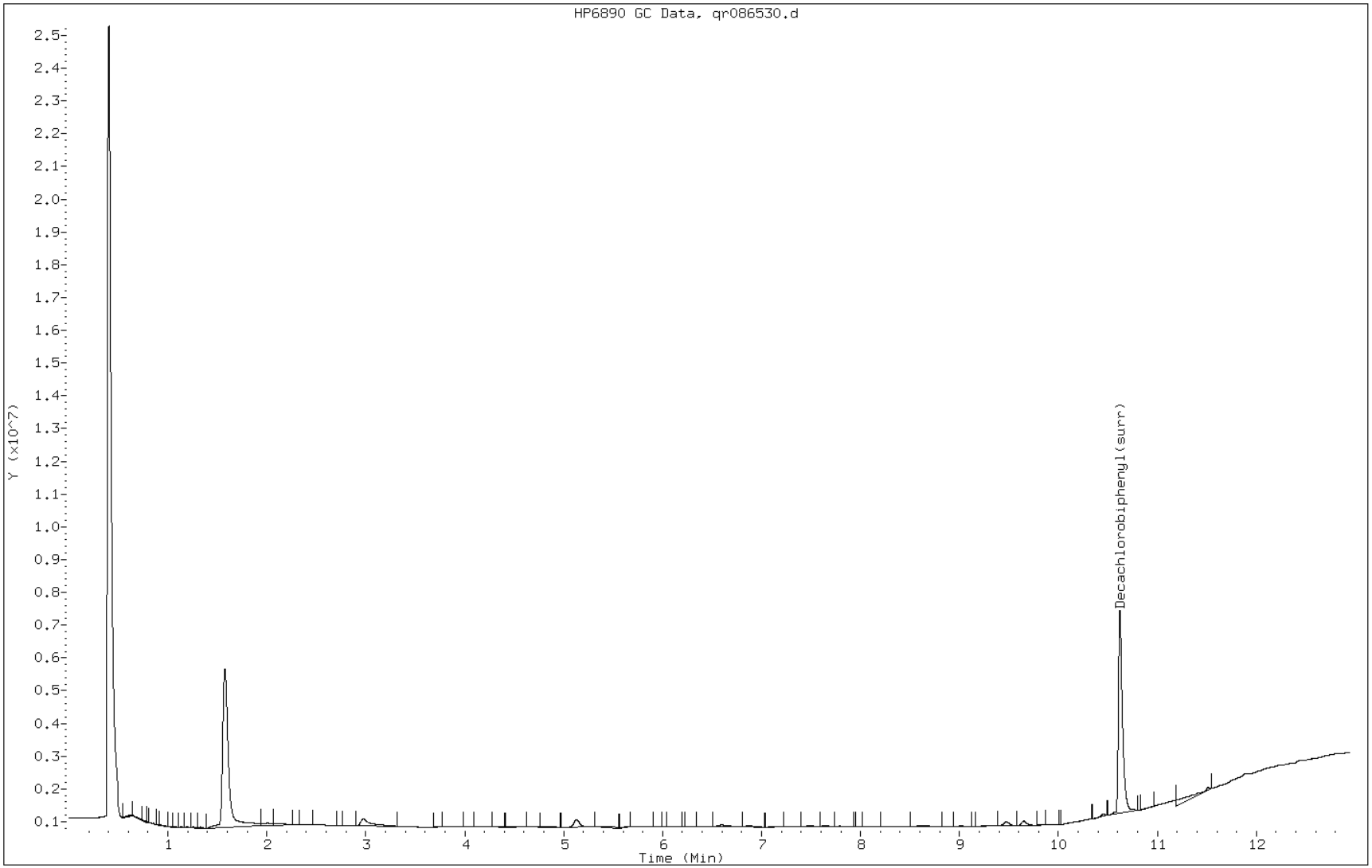
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.622	10.651	-0.029	17318685	50.8489	38	80.00- 120.00	100.00

Data File: qr086530.d

Date: 22-JUN-2012 03:11

Client ID: F-5 Instrument: PESTGC8.i

Sample Info: 460-41492-D-20-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 Lab Sample ID: 460-41492-21

Matrix: Solid Lab File ID: vf475395.d

Analysis Method: 8082 Date Collected: 06/19/2012 14:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.01(g) Date Analyzed: 06/21/2012 19:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		30-150

Data File: vf475395.d
Report Date: 22-Jun-2012 00:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475395.d
Lab Smp Id: 460-41492-D-21-C
Inj Date : 21-JUN-2012 19:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-C
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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

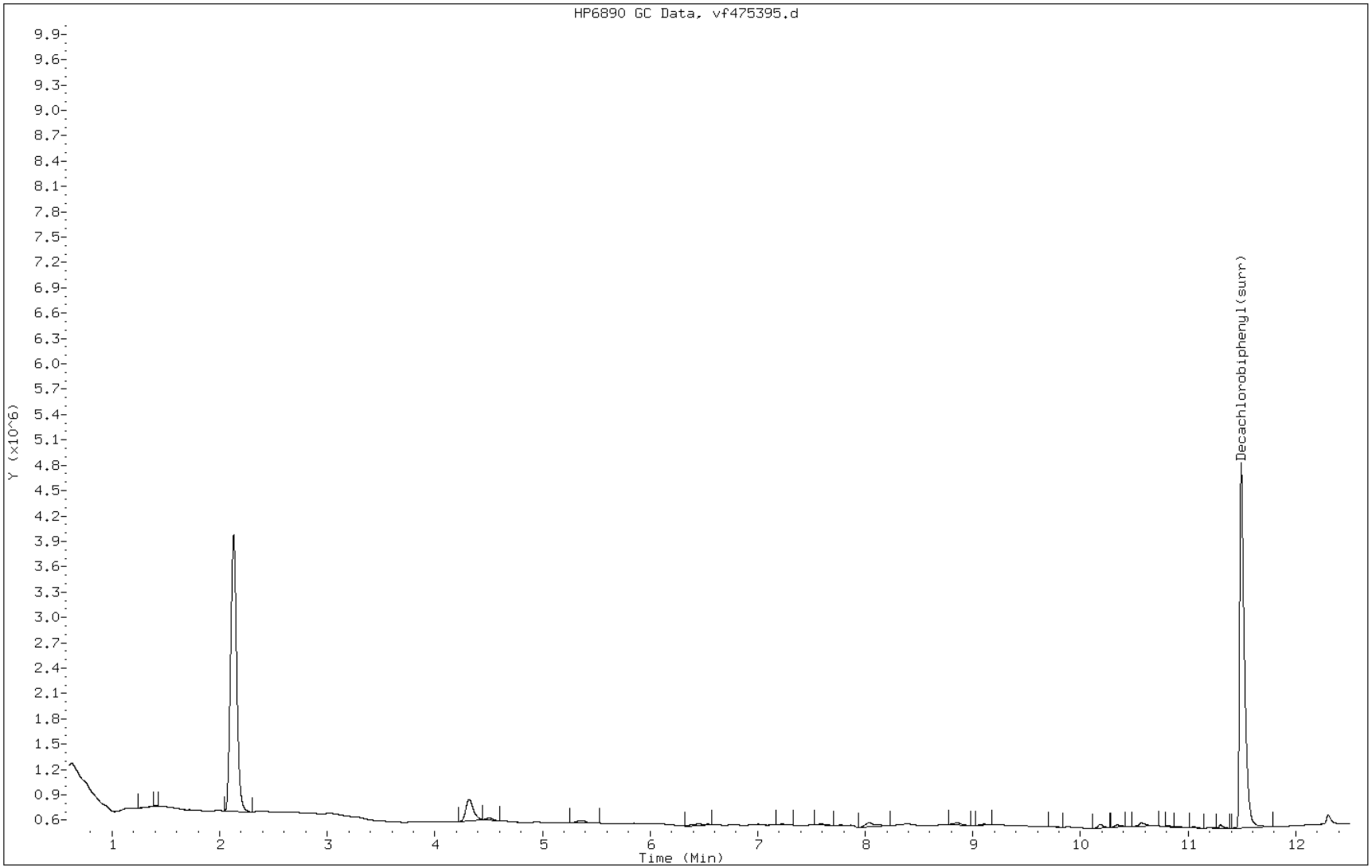
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.494	11.508	-0.014	13205106	44.4405	30	80.00- 120.00	100.00

Data File: vf475395.d

Date: 21-JUN-2012 19:46

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 | Lab Sample ID: 460-41492-21

Matrix: Solid | Lab File ID: vr475395.d

Analysis Method: 8082 | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.01(g) | Date Analyzed: 06/21/2012 19:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	77	15
11104-28-2	Aroclor 1221	23	U	77	23
11141-16-5	Aroclor 1232	44	U	77	44
53469-21-9	Aroclor 1242	15	U	77	15
12672-29-6	Aroclor 1248	20	U	77	20
11097-69-1	Aroclor 1254	26	U	77	26
11096-82-5	Aroclor 1260	8.6	U	77	8.6
37324-23-5	Aroclor 1262	13	U	77	13
11100-14-4	Aroclor 1268	13	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475395.d
Lab Smp Id: 460-41492-D-21-C
Inj Date : 21-JUN-2012 19:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-C
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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

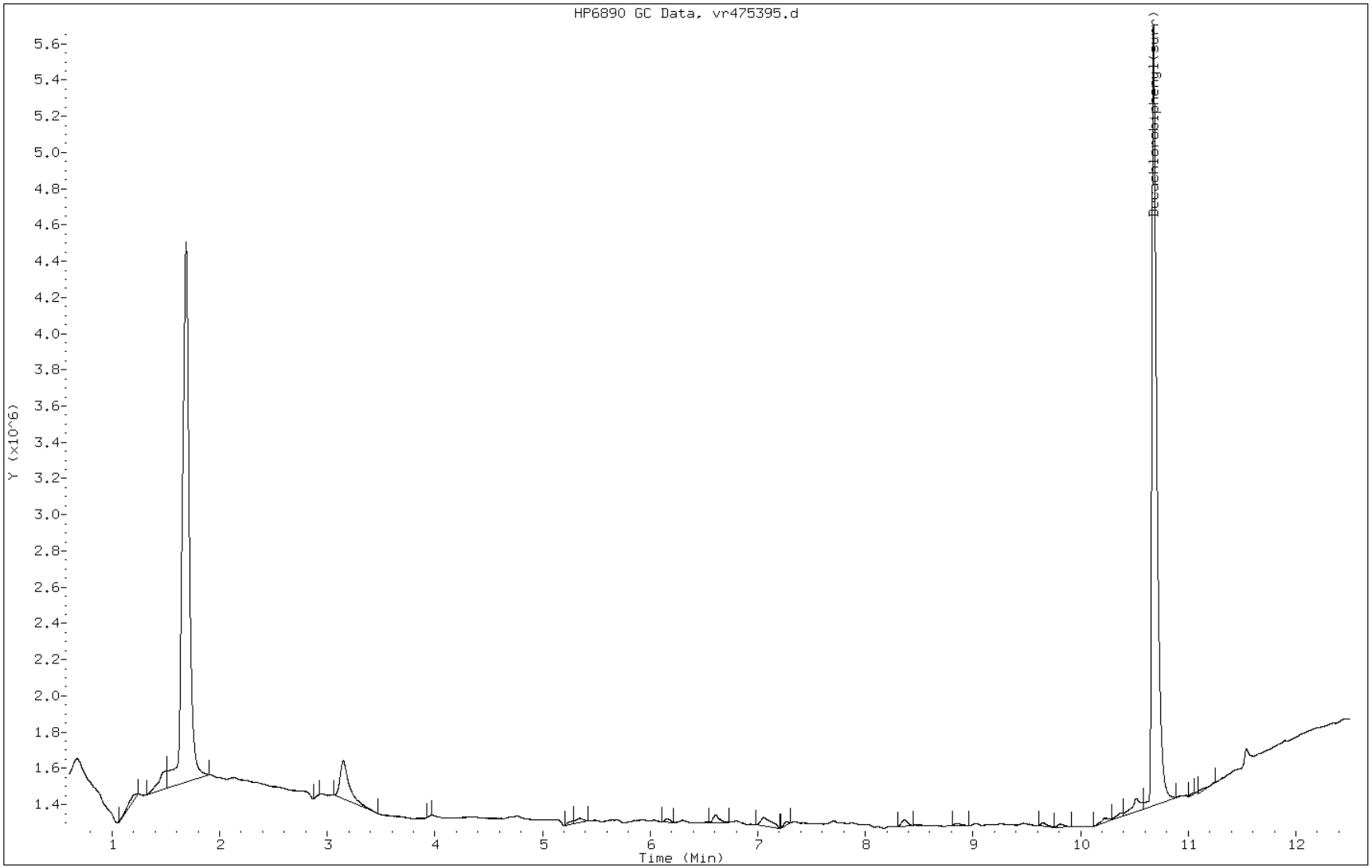
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.677	10.680	-0.003	13606775	42.4972	28	80.00- 120.00	100.00

Data File: vr475395.d

Date: 21-JUN-2012 19:46

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 Lab Sample ID: 460-41492-22

Matrix: Solid Lab File ID: vf475398.d

Analysis Method: 8082 Date Collected: 06/19/2012 15:30

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.05(g) Date Analyzed: 06/21/2012 20:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: vf475398.d
Report Date: 22-Jun-2012 00:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475398.d
Lab Smp Id: 460-41492-D-22-A Client Smp ID: LEAD-A-2-4
Inj Date : 21-JUN-2012 20:34
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-22-A
Misc Info : 460-41492-D-22-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.d
Als bottle: 9
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	13.12608	% Moisture

Cpnd Variable Local Compound Variable

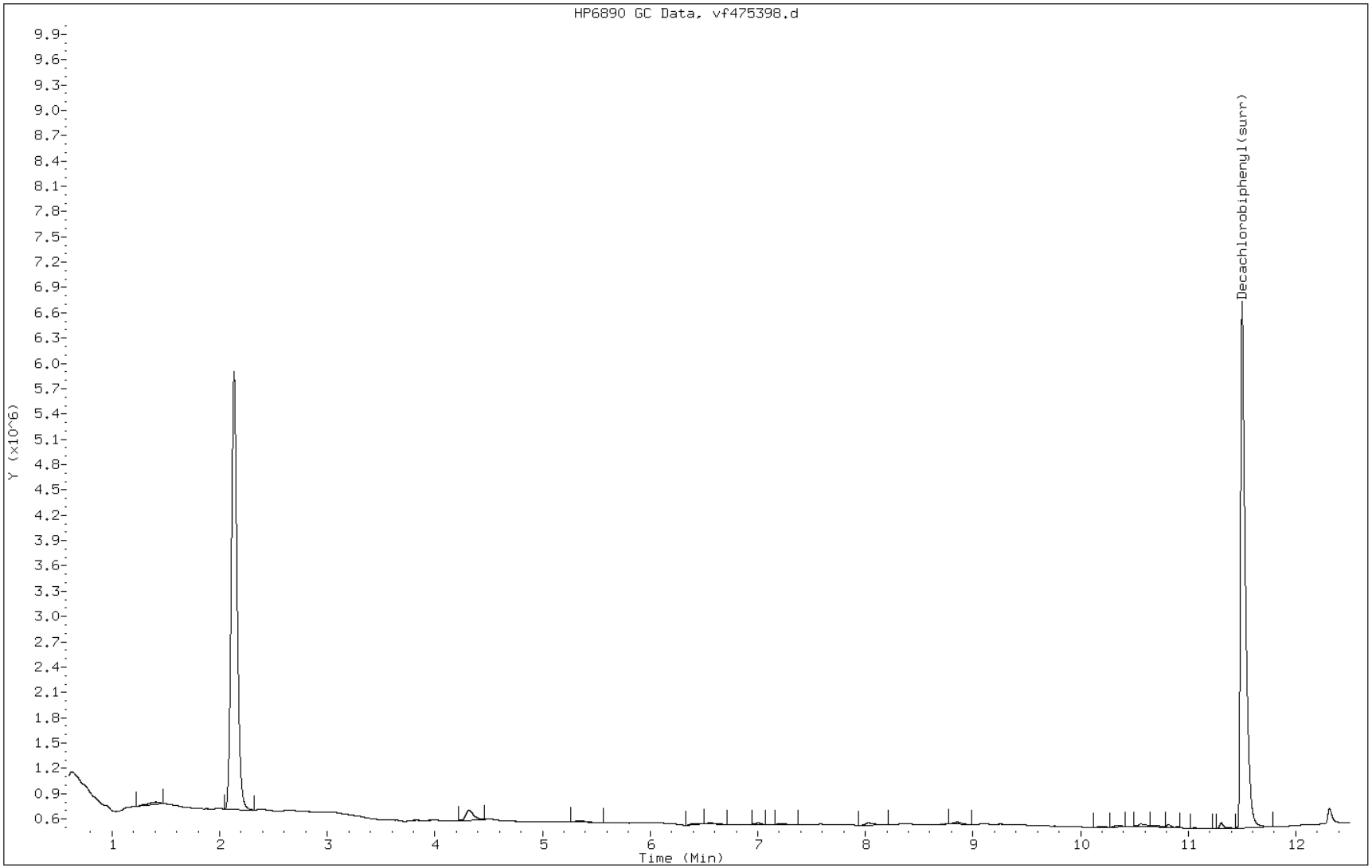
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.501	11.508	-0.007	19641741	66.1024	51	80.00- 120.00	100.00

Data File: vf475398.d

Date: 21-JUN-2012 20:34

Client ID: LEAD-A-2-4 Instrument: PESTGC9.i

Sample Info: 460-41492-D-22-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Matrix: Solid | Lab File ID: vr475398.d

Analysis Method: 8082 | Date Collected: 06/19/2012 15:30

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.05(g) | Date Analyzed: 06/21/2012 20:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 | 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	41	U	73	41
53469-21-9	Aroclor 1242	14	U	73	14
12672-29-6	Aroclor 1248	19	U	73	19
11097-69-1	Aroclor 1254	25	U	73	25
11096-82-5	Aroclor 1260	8.1	U	73	8.1
37324-23-5	Aroclor 1262	12	U	73	12
11100-14-4	Aroclor 1268	12	U	73	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475398.d
Lab Smp Id: 460-41492-D-22-A Client Smp ID: LEAD-A-2-4
Inj Date : 21-JUN-2012 20:34
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-22-A
Misc Info : 460-41492-D-22-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.d
Als bottle: 9
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	13.12608	% Moisture

Cpnd Variable Local Compound Variable

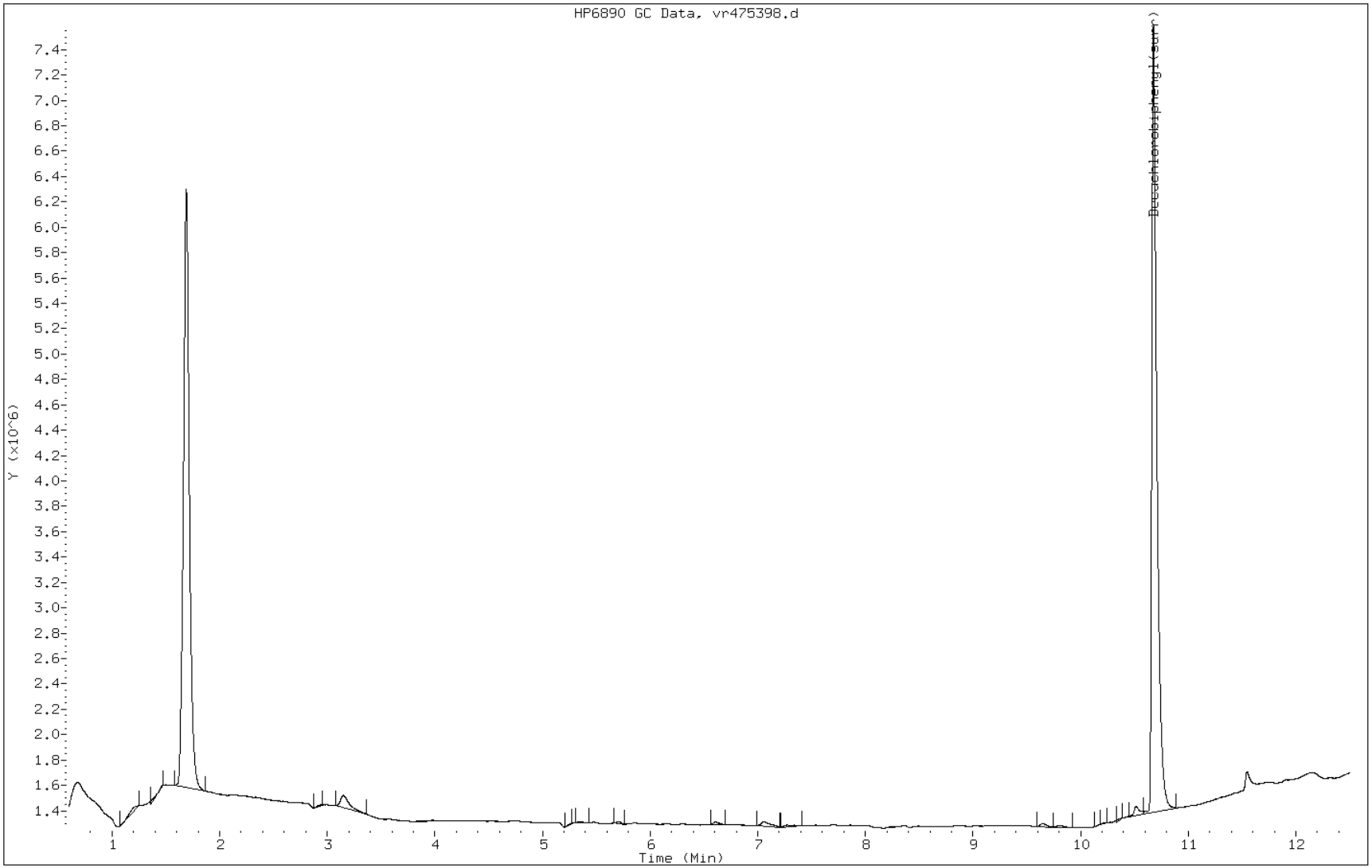
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.677	10.680	-0.003	19972108	62.3776	48	80.00- 120.00	100.00

Data File: vr475398.d

Date: 21-JUN-2012 20:34

Client ID: LEAD-A-2-4 Instrument: PESTGC9.i

Sample Info: 460-41492-D-22-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D Lab Sample ID: 460-41492-23

Matrix: Solid Lab File ID: qf086531.d

Analysis Method: 8082 Date Collected: 06/19/2012 00:00

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 03:32

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: qf086531.d
Report Date: 24-Jun-2012 15:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086531.d
Lab Smp Id: 460-41492-D-23-A Client Smp ID: FD-D
Inj Date : 22-JUN-2012 03:32
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-23-A
Misc Info : 460-41492-D-23-A
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 27
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	10.38462	% 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		
11.496	11.508	-0.012	13142597	55.4694	41	80.00- 120.00	100.00

Data File: qf086531.d

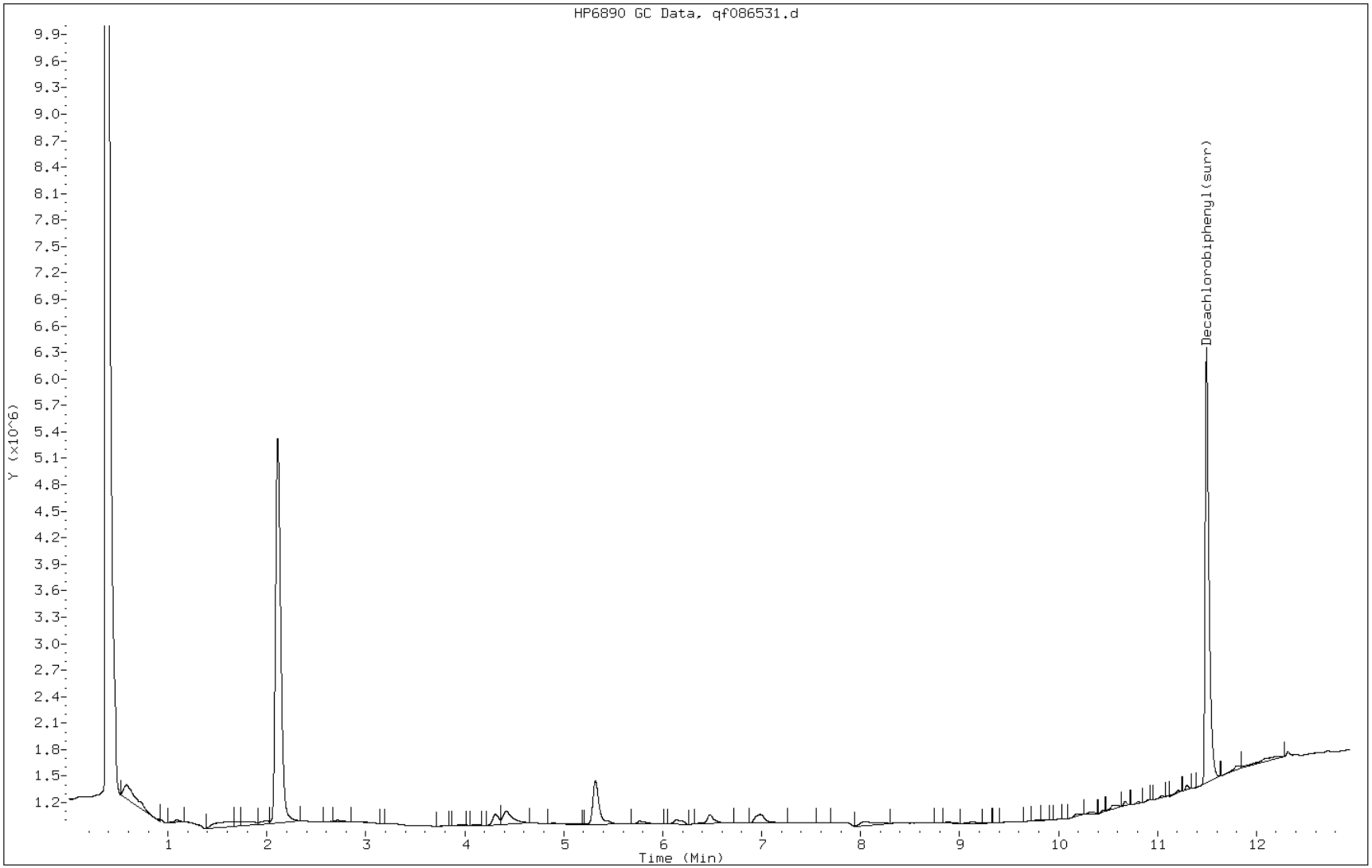
Date: 22-JUN-2012 03:32

Client ID: FD-D

Instrument: PESTGC8.i

Sample Info: 460-41492-D-23-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: FD-D Lab Sample ID: 460-41492-23

Matrix: Solid Lab File ID: qr086531.d

Analysis Method: 8082 Date Collected: 06/19/2012 00:00

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/22/2012 03:32

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.: 117281 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	106		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086531.d
Lab Smp Id: 460-41492-D-23-A Client Smp ID: FD-D
Inj Date : 22-JUN-2012 03:32
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-23-A
Misc Info : 460-41492-D-23-A
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 27
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	10.38462	% 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		
10.648	10.651	-0.003	17993449	52.8301	39	80.00- 120.00	100.00

Data File: qr086531.d

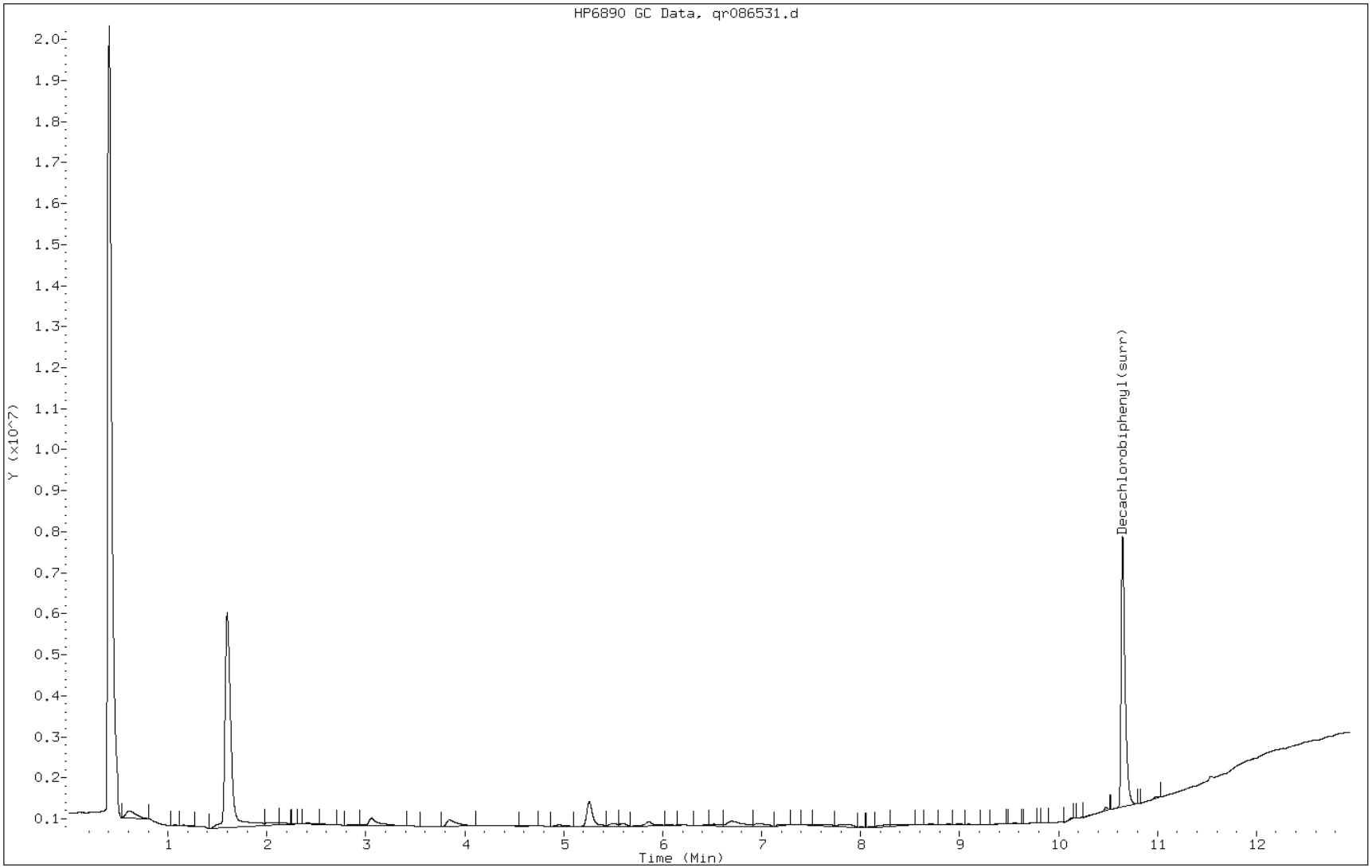
Date: 22-JUN-2012 03:32

Client ID: FD-D

Instrument: PESTGC8.i

Sample Info: 460-41492-D-23-A

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15926

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qf086407.d
Level 2	IC 460-115275/5	qf086408.d
Level 3	IC 460-115275/6	qf086409.d
Level 4	IC 460-115275/7	qf086410.d
Level 5	IC 460-115275/8	qf086411.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.827	2.804	2.847	2.829	2.819						2.777 - 2.917	2.825
PCB-1016 Peak 2	3.469	3.448	3.502	3.478	3.460						3.432 - 3.572	3.471
PCB-1016 Peak 3	3.908	3.895	3.946	3.922	3.901						3.876 - 4.016	3.914
PCB-1016 Peak 4	4.307	4.298	4.346	4.323	4.301						4.276 - 4.416	4.315
PCB-1016 Peak 5	4.552	4.547	4.592	4.569	4.547						4.522 - 4.662	4.561
PCB-1016 Peak 6	4.991	4.992	5.030	5.009	4.987						4.960 - 5.100	5.002
PCB-1016 Peak 7	5.381	5.382	5.419	5.400	5.377						5.349 - 5.489	5.392
PCB-1016 Peak 8	5.589	5.594	5.629	5.611	5.589						5.559 - 5.699	5.602
PCB-1260 Peak 1	7.583	7.593	7.619	7.603	7.583						7.549 - 7.689	7.596
PCB-1260 Peak 2	8.028	8.041	8.064	8.051	8.029						7.994 - 8.134	8.043
PCB-1260 Peak 3	8.865	8.879	8.904	8.889	8.866						8.834 - 8.974	8.881
PCB-1260 Peak 4	9.121	9.137	9.162	9.147	9.124						9.092 - 9.232	9.138
PCB-1260 Peak 5	9.268	9.280	9.302	9.289	9.270						9.232 - 9.372	9.282
PCB-1260 Peak 6	9.766	9.776	9.791	9.783	9.768						9.721 - 9.861	9.777
PCB-1260 Peak 7	10.551	10.556	10.564	10.559	10.553						10.494 - 10.634	10.557
PCB-1260 Peak 8	11.039	11.042	11.053	11.048	11.041						10.983 - 11.123	11.045
DCB Decachlorobiphenyl	11.489	11.491	11.508	11.501	11.493						11.408 - 11.608	11.496

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15926

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qf086407.d
Level 2	IC 460-115275/5	qf086408.d
Level 3	IC 460-115275/6	qf086409.d
Level 4	IC 460-115275/7	qf086410.d
Level 5	IC 460-115275/8	qf086411.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	6691.8 5574.7	6324.5	6376.1	5648.0	Ave		6123.02052				8.0		20.0			
PCB-1016 Peak 2	12963 11868	13663	13963	12297	Ave		12950.9302				6.8		20.0			
PCB-1016 Peak 3	5710.4 5186.3	5562.2	5861.7	5056.7	Ave		5475.45433				6.3		20.0			
PCB-1016 Peak 4	30402 23631	27128	26956	24161	Ave		26455.5995				10.3		20.0			
PCB-1016 Peak 5	15294 10301	11605	11595	10477	Ave		11854.2866				17.0		20.0			
PCB-1016 Peak 6	7682.6 6406.4	7434.8	7278.9	6521.0	Ave		7064.71135				8.0		20.0			
PCB-1016 Peak 7	9199.9 7299.5	8104.6	8156.2	7150.1	Ave		7982.05511				10.3		20.0			
PCB-1016 Peak 8	7772.9 7493.3	7618.6	8004.9	7341.9	Ave		7646.31091				3.3		20.0			
PCB-1260 Peak 1	21026 16341	17566	18391	16534	Ave		17971.8870				10.6		20.0			
PCB-1260 Peak 2	25492 22341	23081	24553	22246	Ave		23542.5955				6.1		20.0			
PCB-1260 Peak 3	28269 29043	28550	31050	28428	Ave		29068.0736				3.9		20.0			
PCB-1260 Peak 4	15217 16317	15996	17424	16058	Ave		16202.5896				4.9		20.0			
PCB-1260 Peak 5	7205.2 8350.1	7731.0	8542.0	8379.4	Ave		8041.54729				7.0		20.0			
PCB-1260 Peak 6	13026 12999	12833	13812	12656	Ave		13065.1189				3.4		20.0			
PCB-1260 Peak 7	17244 16312	16358	17407	15637	Ave		16591.6059				4.4		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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15926

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	5991.3 6527.0	5702.8	6565.0	5887.3	Ave		6134.67312				6.4		20.0			
DCB Decachlorobiphenyl	242734 237274	239590	247166	217907	Ave		236934.124				4.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15926

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qf086407.d
Level 2	IC 460-115275/5	qf086408.d
Level 3	IC 460-115275/6	qf086409.d
Level 4	IC 460-115275/7	qf086410.d
Level 5	IC 460-115275/8	qf086411.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	669183	3162226	6376071	8472000	13936874	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1296262	6831642	13963232	18445853	29670699	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	571042	2781082	5861695	7585027	12965770	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3040202	13564099	26955929	36242019	59076261	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1529382	5802449	11595282	15715191	25751597	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	768256	3717406	7278869	9781433	16015901	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	919992	4052284	8156157	10725209	18248728	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	777289	3809283	8004882	11012900	18733208	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2102607	8783183	18391167	24801624	40853540	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2549243	11540378	24552794	33368582	55853190	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	2826862	14274961	31050495	42642111	72608142	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	1521707	7998094	17424327	24087132	40793188	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	720521	3865513	8541977	12569173	20875187	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1302631	6416429	13811633	18983990	32497001	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1724391	8179158	17407454	23455098	40779044	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	599132	2851403	6564972	8830923	16317464	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	6068344	11979484	24716626	32686074	47454752	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: qf086407.d
Report Date: 07-Jun-2012 13:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086407.d
Lab Smp Id: SG1660L1_00012
Inj Date : 07-JUN-2012 02:01
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:36 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

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
21 Aroclor-1016					CAS #: 12674-11-2			
2.827	2.875	-0.048	669183	100.000	100	0.00-	0.00	100.00(M)
3.469	3.535	-0.066	1296262	100.000	100	0.00-	0.00	193.71
3.908	3.977	-0.069	571042	100.000	100	0.00-	0.00	85.33
4.307	4.377	-0.070	3040202	100.000	100	0.00-	0.00	454.32
4.552	4.622	-0.070	1529382	100.000	100	0.00-	0.00	228.54
4.991	5.059	-0.068	768256	100.000	100	0.00-	0.00	114.81
5.381	5.447	-0.066	919992	100.000	100	0.00-	0.00	137.48
5.589	5.657	-0.068	777289	100.000	100	0.00-	0.00	116.15
Average of Peak Amounts =					100			
27 Aroclor-1260					CAS #: 11096-82-5			
7.583	7.650	-0.067	2102607	100.000	100	0.00-	0.00	100.00(M)

Data File: qf086407.d
Report Date: 07-Jun-2012 13:45

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.028	8.100	-0.072	2549243	100.000	100	0.00- 0.00	121.24
8.865	8.945	-0.080	2826862	100.000	100	0.00- 0.00	134.45
9.121	9.207	-0.086	1521707	100.000	100	0.00- 0.00	72.37
9.268	9.816	-0.548	720521	100.000	100	0.00- 0.00	34.27
9.766	10.211	-0.445	1302631	100.000	100	0.00- 0.00	61.95
10.551	10.574	-0.023	1724391	100.000	100	0.00- 0.00	82.01
11.039	11.057	-0.018	599132	100.000	100	0.00- 0.00	28.49
		Average of Peak Amounts =			100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.489	11.541	-0.052	6068344	25.0000	25	0.00- 0.00	100.00(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: qf086407.d

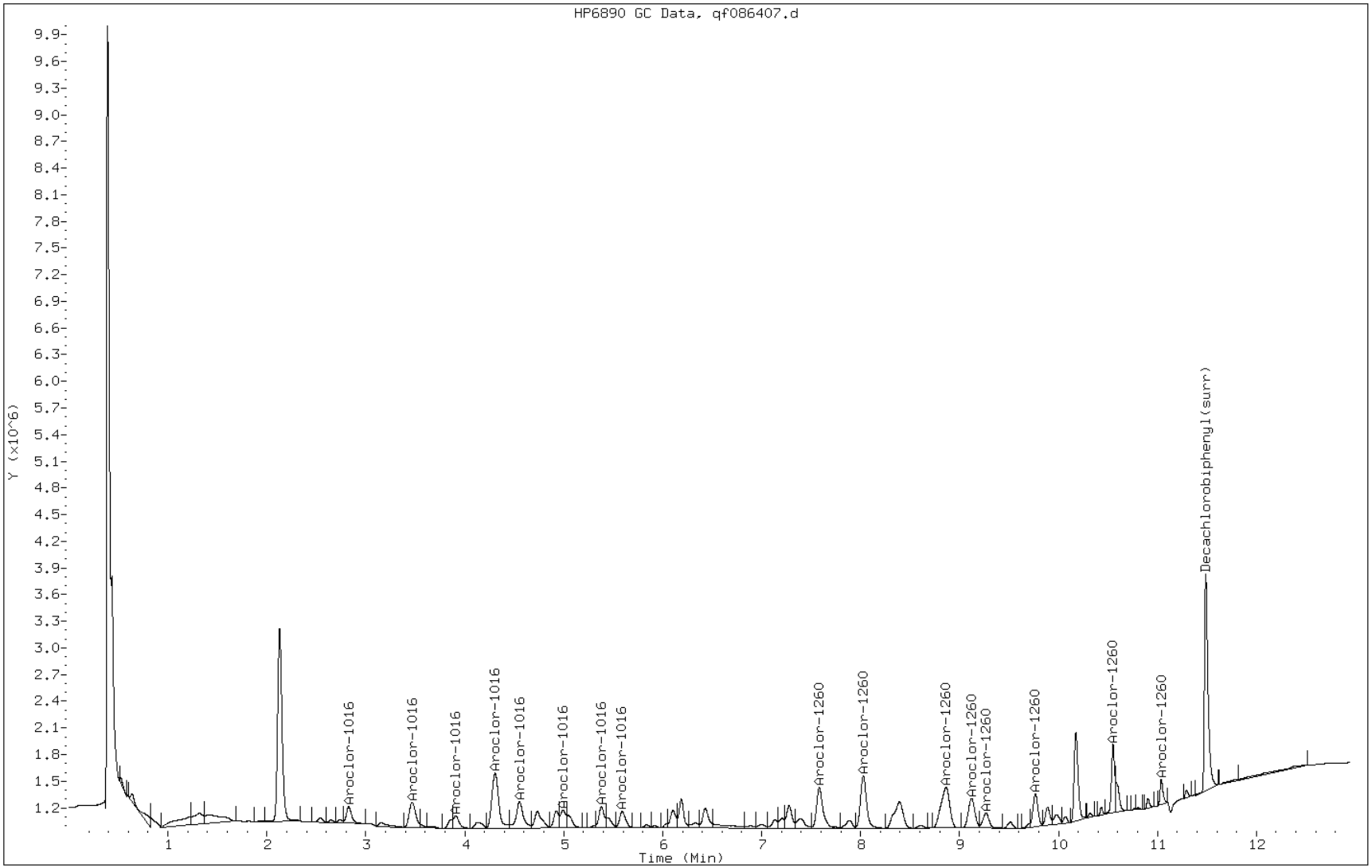
Date: 07-JUN-2012 02:01

Client ID:

Instrument: PESTGC8.i

Sample Info: SG1660L1_00012

Operator: 615



Manual Integration Report

Data File: qf086407.d
Inj. Date and Time: 07-JUN-2012 02:01
Instrument ID: PESTGC8.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/07/2012

Processing Integration Results

Not Detected

Expected RT: 11.51

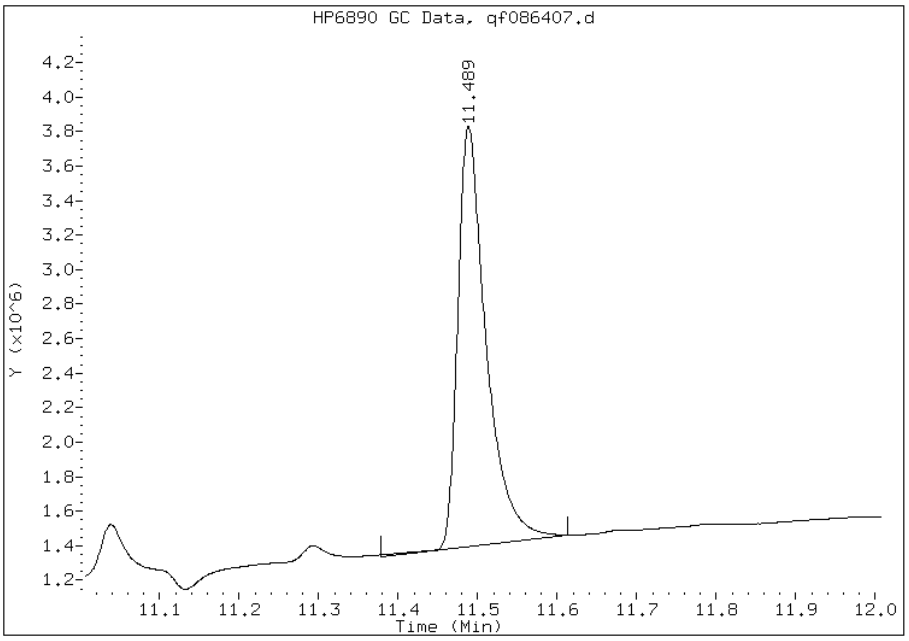
Manual Integration Results

RT: 11.49

Response: 6068344

Amount: 25.00

Conc: 25.00



Manually Integrated By: selbyc
Manual Integration Reason:

Data File: qf086408.d
Report Date: 07-Jun-2012 13:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086408.d
Lab Smp Id: SG1660L2_00012
Inj Date : 07-JUN-2012 02:18
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:36 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 02:01 Cal File: qf086407.d
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

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.804	2.827	-0.023	3162226	500.000	480	80.00- 120.00	100.00(M)
3.448	3.469	-0.021	6831642	500.000	510	154.97- 232.45	216.04
3.895	3.908	-0.013	2781082	500.000	490	68.27- 102.40	87.95
4.298	4.307	-0.009	13564099	500.000	470	363.45- 545.18	428.94
4.547	4.552	-0.005	5802449	500.000	430	182.84- 274.25	183.49
4.992	4.991	0.001	3717406	500.000	490	91.84- 137.77	117.56
5.382	5.381	0.001	4052284	500.000	470	109.98- 164.98	128.15
5.594	5.589	0.005	3809283	500.000	490	92.92- 139.39	120.46
Average of Peak Amounts =					481		
27 Aroclor-1260					CAS #: 11096-82-5		
7.593	7.583	0.010	8783183	500.000	460	80.00- 120.00	100.00(M)

Data File: qf086408.d
Report Date: 07-Jun-2012 13:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.041	8.028	0.013	11540378	500.000	480	96.99- 145.49	131.39
8.879	8.865	0.014	14274961	500.000	500	107.56- 161.33	162.53
9.137	9.121	0.016	7998094	500.000	510	57.90- 86.85	91.06
9.280	9.268	0.012	3865513	500.000	520	27.41- 41.12	44.01
9.776	9.766	0.010	6416429	500.000	500	49.56- 74.34	73.05
10.556	10.551	0.005	8179158	500.000	490	65.61- 98.41	93.12
11.042	11.039	0.003	2851403	500.000	490	22.80- 34.19	32.46
		Average of Peak Amounts =			492		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.491	11.489	0.002	11979484	50.0000	50	80.00- 120.00	100.00

QC Flag Legend

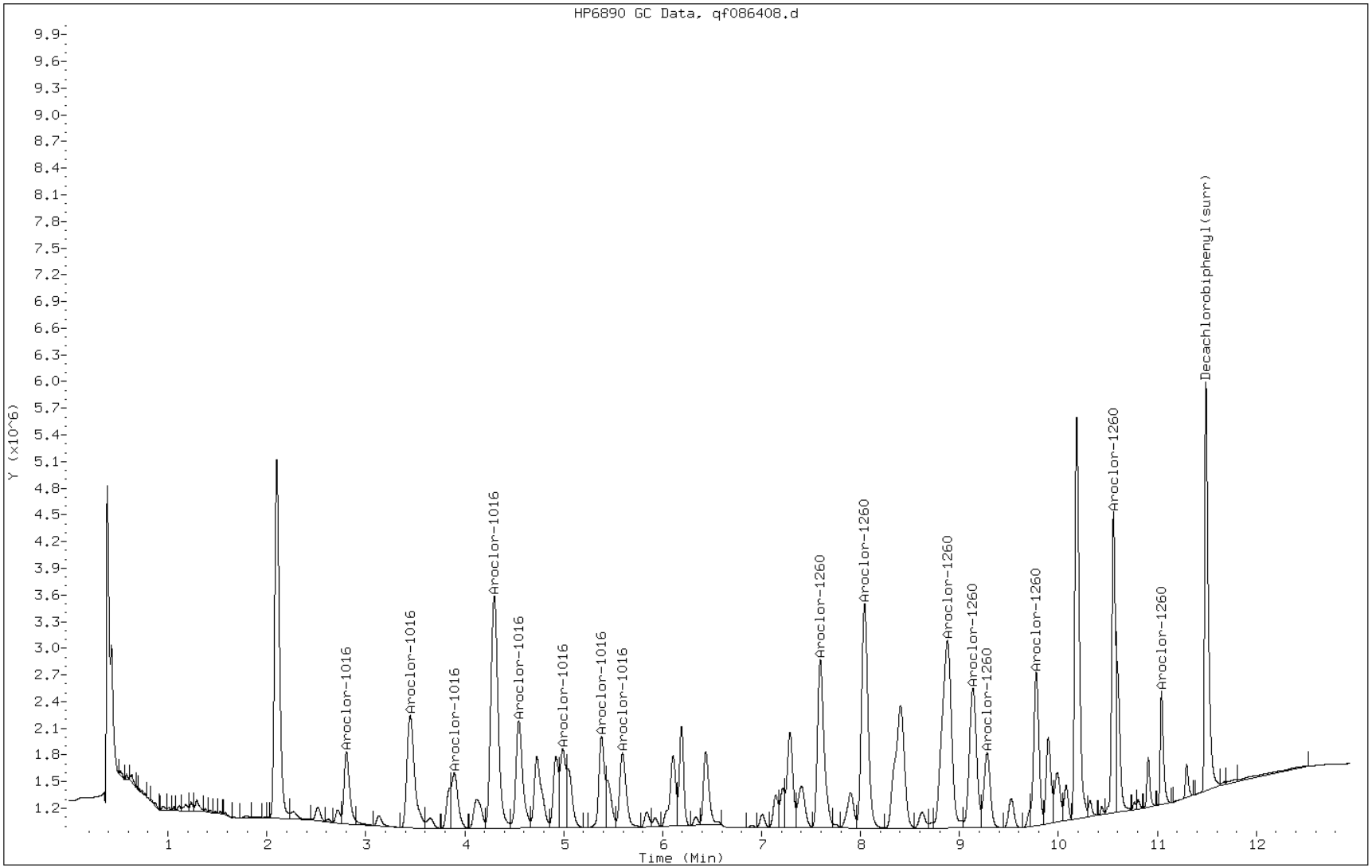
M - Compound response manually integrated.

Data File: qf086408.d

Date: 07-JUN-2012 02:18

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L2_00012 Operator: 615



Data File: qf086409.d
Report Date: 07-Jun-2012 13:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086409.d
Lab Smp Id: SG1660L3_00017
Inj Date : 07-JUN-2012 02:37
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:36 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		
2.847	2.847	0.000	6376071	1000.00	1000	80.00- 120.00	100.00(M)
3.502	3.502	0.000	13963232	1000.00	1100	170.31- 255.47	214.86
3.946	3.946	0.000	5861695	1000.00	1100	74.43- 111.64	90.20
4.346	4.346	0.000	26955929	1000.00	1000	339.11- 508.66	414.79
4.592	4.592	0.000	11595282	1000.00	980	147.82- 221.73	178.42
5.030	4.987	0.043	7278869	1000.00	1000	91.93- 137.90	112.01
5.419	5.377	0.042	8156157	1000.00	1000	104.75- 157.13	125.50
5.629	5.629	0.000	8004882	1000.00	1000	107.53- 161.30	123.18
Average of Peak Amounts = 1.04e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.619	7.619	0.000	18391167	1000.00	1000	80.00- 120.00	100.00(M)

Data File: qf086409.d
Report Date: 07-Jun-2012 13:56

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.064	8.064	0.000	24552794	1000.00	1000	109.37- 164.06	133.50
8.904	8.904	0.000	31050495	1000.00	1100	142.18- 213.27	168.83
9.162	9.162	0.000	17424327	1000.00	1100	79.88- 119.82	94.74
9.302	9.302	0.000	8541977	1000.00	1100	40.88- 61.32	46.45
9.791	9.791	0.000	13811633	1000.00	1000	63.64- 95.45	75.10
10.564	10.564	0.000	17407454	1000.00	1000	79.85- 119.78	94.65
11.053	11.053	0.000	6564972	1000.00	1100	31.95- 47.93	35.70
Average of Peak Amounts = 1.06e+03							
$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3							
11.508	11.508	0.000	24716626	100.000	100	80.00- 120.00	100.00

QC Flag Legend

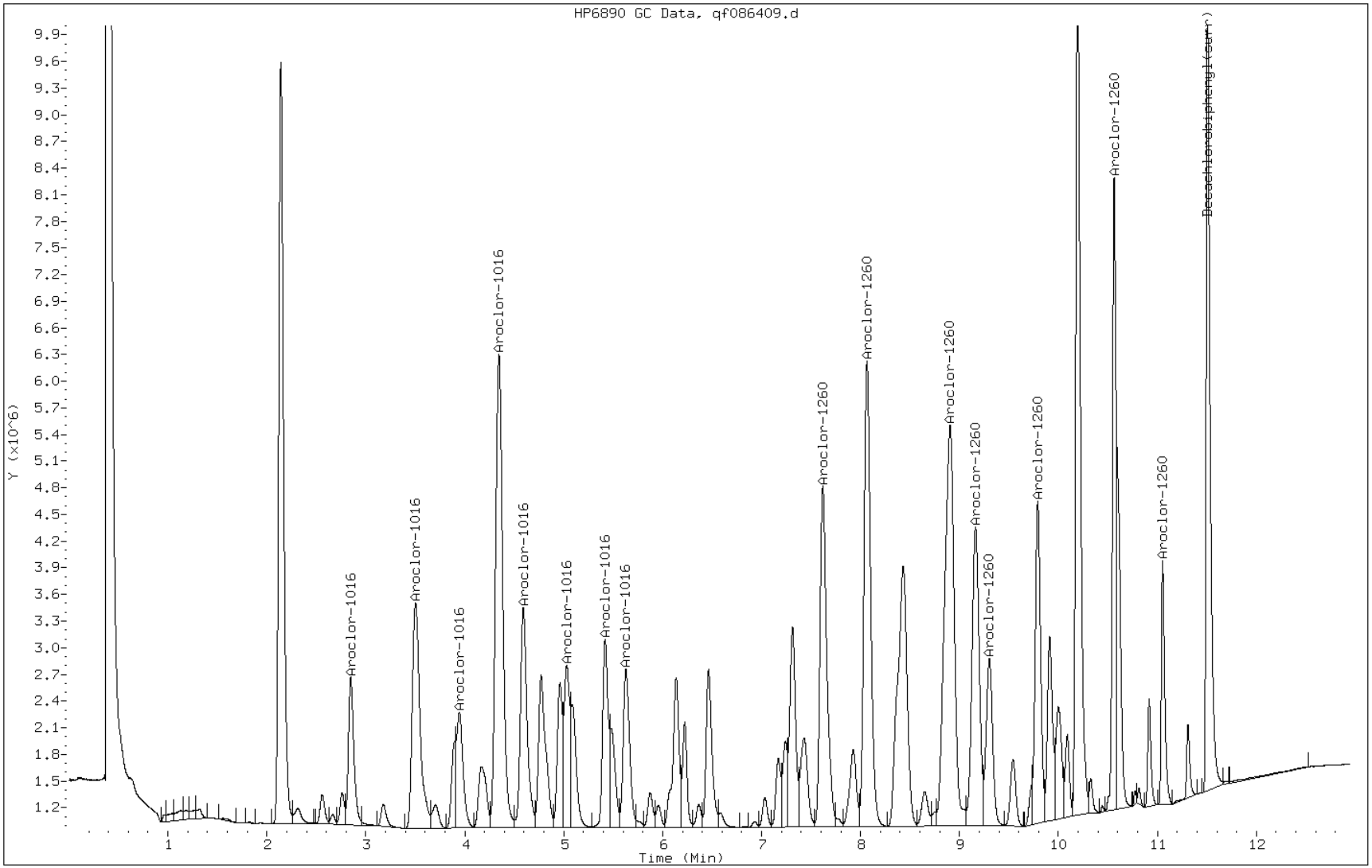
M - Compound response manually integrated.

Data File: qf086409.d

Date: 07-JUN-2012 02:37

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L3_00017 Operator: 615



Data File: qf086410.d
Report Date: 07-Jun-2012 13:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086410.d
Lab Smp Id: SG1660L4_00012
Inj Date : 07-JUN-2012 02:54
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:36 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

				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		
2.829	2.847	-0.018	8472000	1500.00	1400	80.00- 120.00	100.00(M)
3.478	3.502	-0.024	18445853	1500.00	1400	175.20- 262.79	212.89
3.922	3.946	-0.024	7585027	1500.00	1400	73.55- 110.32	87.54
4.323	4.346	-0.023	36242019	1500.00	1400	338.21- 507.32	418.29
4.569	4.592	-0.023	15715191	1500.00	1300	145.48- 218.23	181.38
5.009	5.030	-0.021	9781433	1500.00	1400	91.33- 136.99	112.89
5.400	5.419	-0.019	10725209	1500.00	1300	102.33- 153.50	123.79
5.611	5.629	-0.018	11012900	1500.00	1400	100.44- 150.65	127.11
Average of Peak Amounts = 1.38e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.603	7.619	-0.016	24801624	1500.00	1400	80.00- 120.00	100.00(M)

Data File: qf086410.d
Report Date: 07-Jun-2012 13:56

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.051	8.064	-0.013	33368582	1500.00	1400	106.80- 160.20	134.54
8.889	8.904	-0.015	42642111	1500.00	1500	135.07- 202.60	171.93
9.147	9.162	-0.015	24087132	1500.00	1500	75.79- 113.69	97.12
9.289	9.302	-0.013	12569173	1500.00	1600	37.16- 55.74	50.68
9.783	9.791	-0.008	18983990	1500.00	1400	60.08- 90.12	76.54
10.559	10.564	-0.005	23455098	1500.00	1400	75.72- 113.58	94.57
11.048	11.053	-0.005	8830923	1500.00	1400	28.56- 42.84	35.61
Average of Peak Amounts =				1.45e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.501	11.508	-0.007	32686074	150.000	140	80.00- 120.00	100.00

QC Flag Legend

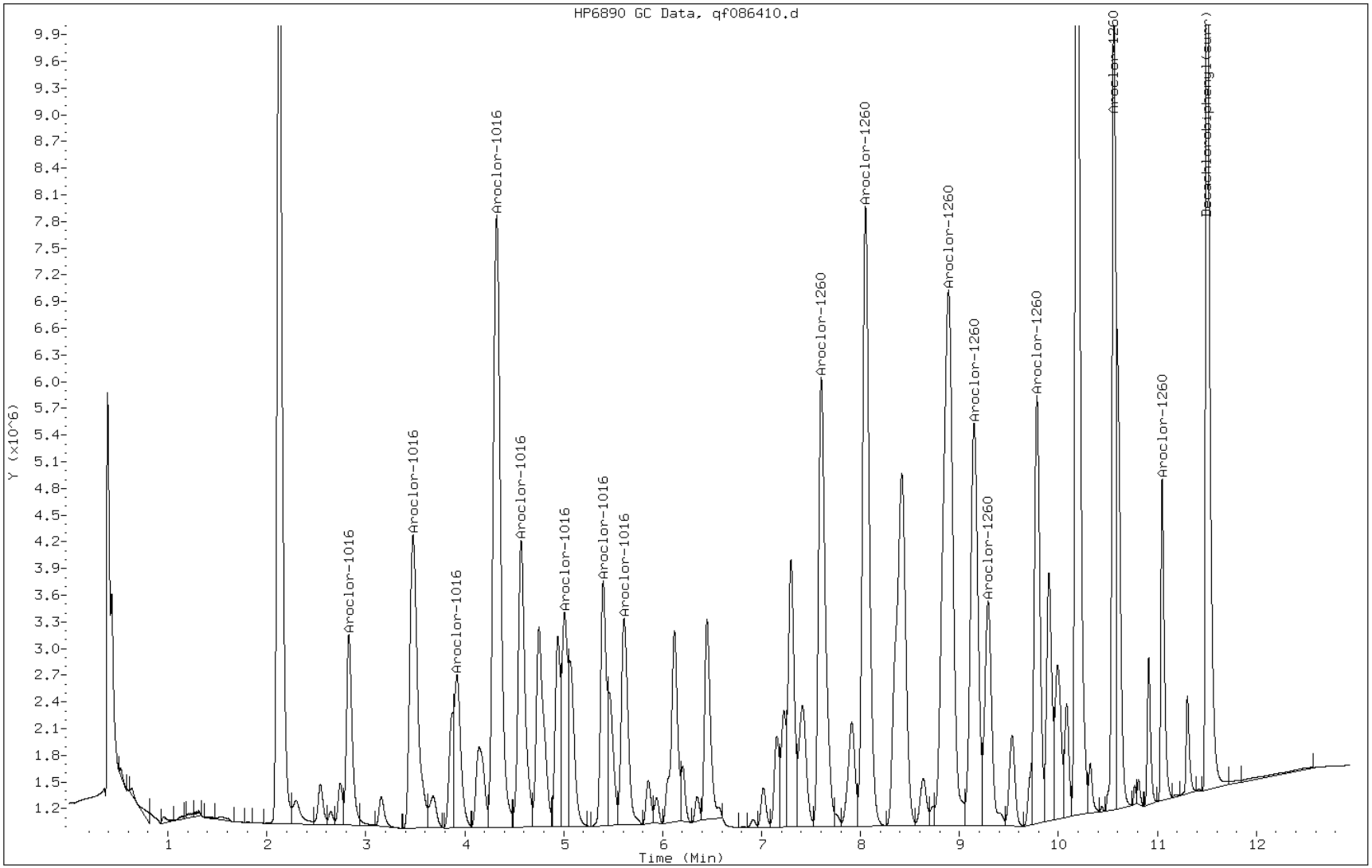
M - Compound response manually integrated.

Data File: qf086410.d

Date: 07-JUN-2012 02:54

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L4_00012 Operator: 615



Data File: qf086411.d
Report Date: 07-Jun-2012 13:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086411.d
Lab Smp Id: SG1660L5_00012
Inj Date : 07-JUN-2012 03:10
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:36 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		
2.819	2.847	-0.028	13936874	2500.00	2200	80.00- 120.00	100.00(M)
3.460	3.502	-0.042	29670699	2500.00	2300	170.32- 255.47	212.89
3.901	3.946	-0.045	12965770	2500.00	2400	70.03- 105.05	93.03
4.301	4.346	-0.045	59076261	2500.00	2200	334.63- 501.95	423.88
4.547	4.592	-0.045	25751597	2500.00	2200	145.10- 217.65	184.77
4.987	5.030	-0.043	16015901	2500.00	2300	90.31- 135.47	114.92
5.377	5.419	-0.042	18248728	2500.00	2300	99.03- 148.54	130.94
5.589	5.629	-0.040	18733208	2500.00	2400	101.69- 152.53	134.41
Average of Peak Amounts =				2.29e+03			
27 Aroclor-1260					CAS #: 11096-82-5		
7.583	7.619	-0.036	40853540	2500.00	2300	80.00- 120.00	100.00(M)

Data File: qf086411.d
Report Date: 07-Jun-2012 13:55

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.029	8.064	-0.035	55853190	2500.00	2400	107.63- 161.45	136.72
8.866	8.904	-0.038	72608142	2500.00	2500	137.55- 206.32	177.73
9.124	9.162	-0.038	40793188	2500.00	2500	77.70- 116.54	99.85
9.270	9.302	-0.032	20875187	2500.00	2600	40.54- 60.81	51.10
9.768	9.791	-0.023	32497001	2500.00	2500	61.23- 91.85	79.55
10.553	10.564	-0.011	40779044	2500.00	2400	75.66- 113.48	99.82
11.041	11.053	-0.012	16317464	2500.00	2600	28.48- 42.73	39.94
Average of Peak Amounts =				2.48e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.493	11.508	-0.015	47454752	200.000	200	80.00- 120.00	100.00(A)

QC Flag Legend

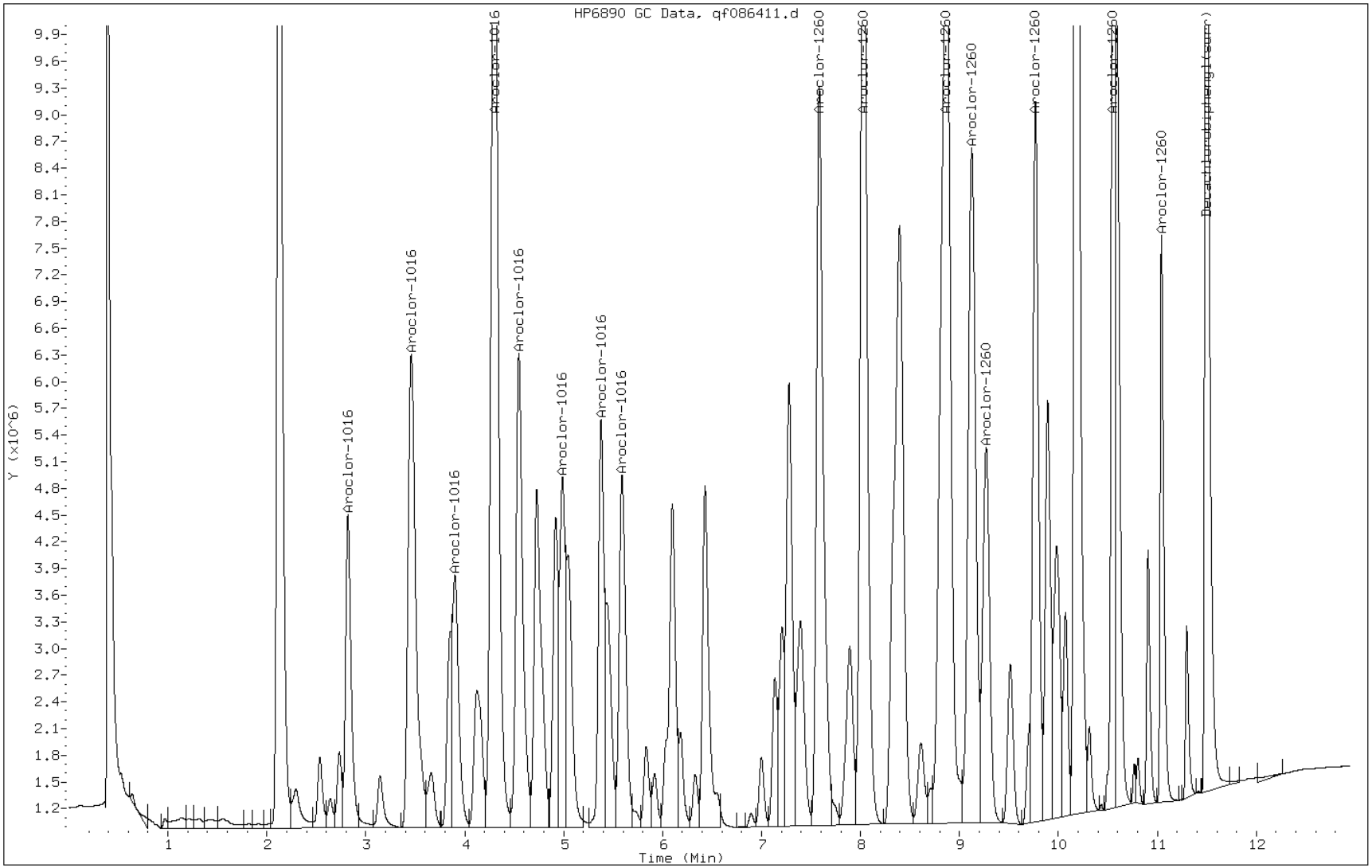
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: qf086411.d

Date: 07-JUN-2012 03:10

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L5_00012 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15927

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qr086407.d
Level 2	IC 460-115275/5	qr086408.d
Level 3	IC 460-115275/6	qr086409.d
Level 4	IC 460-115275/7	qr086410.d
Level 5	IC 460-115275/8	qr086411.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.078	2.035	2.069	2.060	2.074						1.999 - 2.139	2.063
PCB-1016 Peak 2	2.520	2.480	2.518	2.507	2.515						2.448 - 2.588	2.508
PCB-1016 Peak 3	2.769	2.732	2.770	2.757	2.762						2.700 - 2.840	2.758
PCB-1016 Peak 4	3.120	3.086	3.124	3.112	3.113						3.054 - 3.194	3.111
PCB-1016 Peak 5	3.319	3.284	3.326	3.312	3.311						3.256 - 3.396	3.310
PCB-1016 Peak 6	3.673	3.638	3.684	3.667	3.665						3.614 - 3.754	3.666
PCB-1016 Peak 7	4.030	4.002	4.044	4.028	4.021						3.974 - 4.114	4.025
PCB-1016 Peak 8	4.175	4.151	4.191	4.175	4.167						4.105 - 4.245	4.172
PCB-1260 Peak 1	6.059	6.055	6.079	6.069	6.056						6.009 - 6.149	6.064
PCB-1260 Peak 2	6.511	6.511	6.533	6.522	6.510						6.463 - 6.603	6.517
PCB-1260 Peak 3	6.952	6.956	6.975	6.966	6.953						6.905 - 7.045	6.960
PCB-1260 Peak 4	7.155	7.157	7.176	7.167	7.154						7.106 - 7.246	7.162
PCB-1260 Peak 5	7.589	7.593	7.613	7.604	7.591						7.543 - 7.683	7.598
PCB-1260 Peak 6	8.875	8.885	8.904	8.895	8.878						8.834 - 8.974	8.887
PCB-1260 Peak 7	9.096	9.107	9.126	9.117	9.101						9.056 - 9.196	9.110
PCB-1260 Peak 8	10.164	10.169	10.177	10.174	10.166						10.107 - 10.247	10.170
DCB Decachlorobiphenyl	10.643	10.645	10.651	10.649	10.644						10.551 - 10.751	10.646

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15927

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qr086407.d
Level 2	IC 460-115275/5	qr086408.d
Level 3	IC 460-115275/6	qr086409.d
Level 4	IC 460-115275/7	qr086410.d
Level 5	IC 460-115275/8	qr086411.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	10362 8026.4	9390.1	9716.8	8195.7	Ave		9138.11112				11.0		20.0			
PCB-1016 Peak 2	18796 13930	16559	16852	14528	Ave		16132.6486				12.1		20.0			
PCB-1016 Peak 3	12425 9416.3	10640	11082	9651.4	Ave		10642.9452				11.4		20.0			
PCB-1016 Peak 4	43026 31777	37192	37422	32633	Ave		36410.2652				12.4		20.0			
PCB-1016 Peak 5	15448 12443	14337	14612	12831	Ave		13934.3465				9.0		20.0			
PCB-1016 Peak 6	15199 13209	15313	15093	13386	Ave		14440.0281				7.3		20.0			
PCB-1016 Peak 7	15283 12949	14470	14765	13015	Ave		14096.1891				7.5		20.0			
PCB-1016 Peak 8	6172.5 5776.1	6163.4	6625.5	5950.8	Ave		6137.65092				5.2		20.0			
PCB-1260 Peak 1	26716 19585	22628	22705	20371	Ave		22401.0822				12.4		20.0			
PCB-1260 Peak 2	50111 38365	43146	43695	39294	Ave		42922.3583				10.8		20.0			
PCB-1260 Peak 3	44628 35324	38133	39192	35602	Ave		38575.7899				9.8		20.0			
PCB-1260 Peak 4	23181 19139	20738	21377	18999	Ave		20686.7490				8.4		20.0			
PCB-1260 Peak 5	22209 17428	18773	19299	17603	Ave		19062.4421				10.1		20.0			
PCB-1260 Peak 6	24232 22292	21382	23588	20929	Ave		22484.6643				6.3		20.0			
PCB-1260 Peak 7	12870 12711	12112	13278	12103	Ave		12614.9659				4.0		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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15927

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	8864.7 10474	9533.2	10738	9505.5	Ave		9823.03655				7.8		20.0			
DCB Decachlorobiphenyl	367334 328195	352185	348369	306872	Ave		340590.843				6.9		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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 02:01 Calibration End Date: 06/07/2012 03:10 Calibration ID: 15927

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/4	qr086407.d
Level 2	IC 460-115275/5	qr086408.d
Level 3	IC 460-115275/6	qr086409.d
Level 4	IC 460-115275/7	qr086410.d
Level 5	IC 460-115275/8	qr086411.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	1036156	4695071	9716776	12293577	20065899	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1879577	8279323	16851642	21791455	34823871	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1242501	5319832	11082371	14477142	23540633	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4302621	18596238	37421867	48949919	79443734	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1544787	7168717	14612142	19246856	31107623	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1519944	7656692	15092851	20078859	33021399	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1528256	7234892	14764870	19522473	32371874	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	617250	3081700	6625513	8926137	14440209	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2671575	11314235	22705371	30556107	48962705	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	5011144	21573013	43695261	58940462	95913558	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4462775	19066673	39192194	53403236	88308755	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2318086	10368787	21377139	28499142	47846860	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	2220909	9386663	19299260	26404172	43569383	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2423163	10691220	23588076	31394027	55729561	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1287031	6056062	13278098	18154391	31778426	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	886470	4766578	10738039	14258207	26184541	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	9183345	17609226	34836931	46030812	65638901	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: qr086407.d
Report Date: 07-Jun-2012 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086407.d
Lab Smp Id: SG1660L1_00012
Inj Date : 07-JUN-2012 02:01
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:08 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

				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			
2.078	2.069	0.009	1036156	100.000	100	0.00-	0.00	100.00(M)
2.520	2.518	0.002	1879577	100.000	100	0.00-	0.00	181.40
2.769	2.770	-0.001	1242501	100.000	100	0.00-	0.00	119.91
3.120	3.124	-0.004	4302621	100.000	100	0.00-	0.00	415.25
3.319	3.326	-0.007	1544787	100.000	100	0.00-	0.00	149.09
3.673	3.684	-0.011	1519944	100.000	100	0.00-	0.00	146.69
4.030	4.044	-0.014	1528256	100.000	100	0.00-	0.00	147.49
4.175	4.191	-0.016	617250	100.000	100	0.00-	0.00	59.57
Average of Peak Amounts =					100			
27 Aroclor-1260					CAS #: 11096-82-5			
6.059	6.079	-0.020	2671575	100.000	100	0.00-	0.00	100.00(M)

Data File: qr086407.d
Report Date: 07-Jun-2012 13:12

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.511	6.533	-0.022	5011144	100.000	100	0.00- 0.00	187.57
6.952	6.975	-0.023	4462775	100.000	100	0.00- 0.00	167.05
7.155	7.176	-0.021	2318086	100.000	100	0.00- 0.00	86.77
7.589	7.613	-0.024	2220909	100.000	100	0.00- 0.00	83.13
8.875	8.904	-0.029	2423163	100.000	100	0.00- 0.00	90.70
9.096	9.126	-0.030	1287031	100.000	100	0.00- 0.00	48.17
10.164	10.177	-0.013	886470	100.000	100	0.00- 0.00	33.18
Average of Peak Amounts =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.643	10.651	-0.008	9183345	25.0000	25	0.00- 0.00	100.00(M)

QC Flag Legend

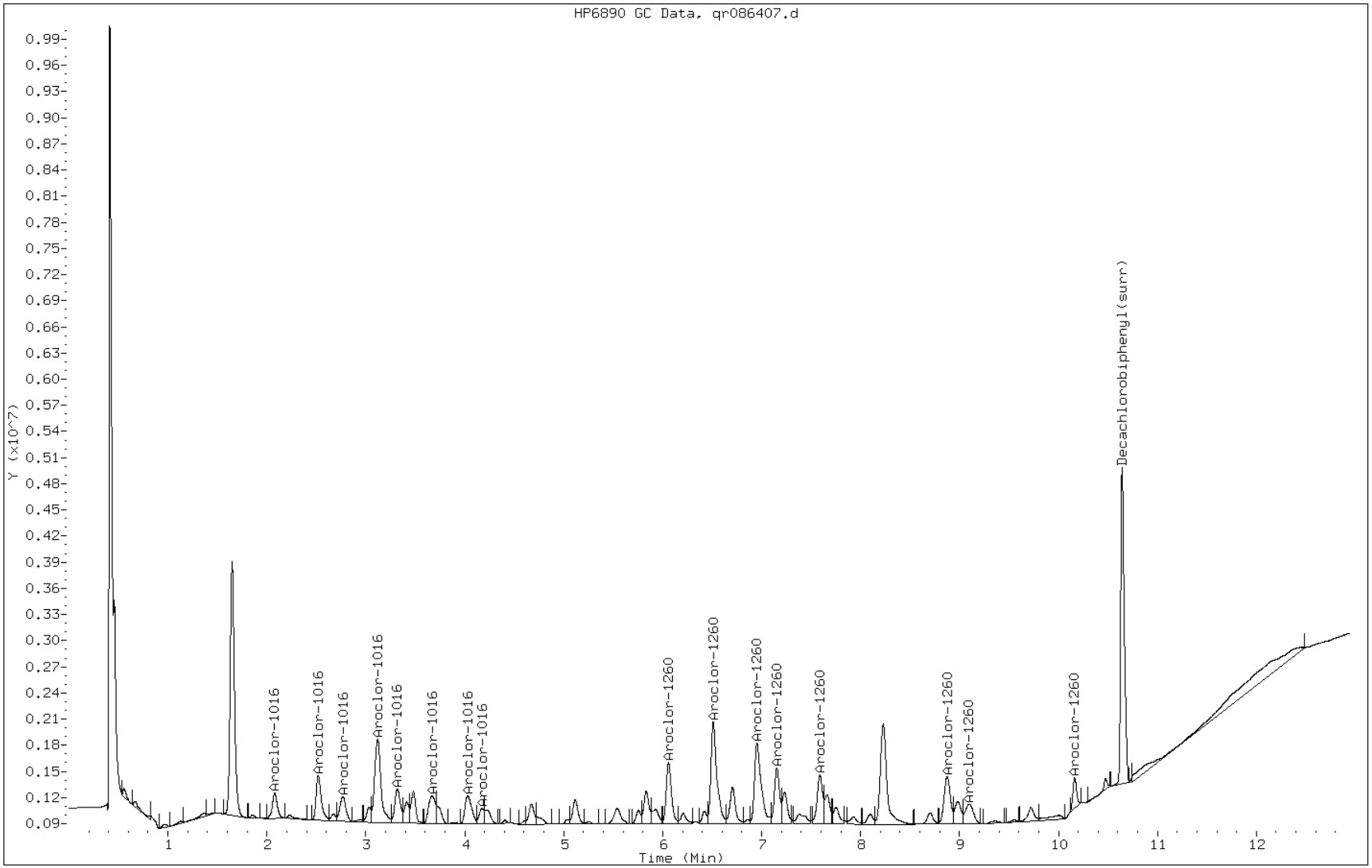
M - Compound response manually integrated.

Data File: qr086407.d

Date: 07-JUN-2012 02:01

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L1_00012 Operator: 615



Manual Integration Report

Data File: qr086407.d
Inj. Date and Time: 07-JUN-2012 02:01
Instrument ID: PESTGC8.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/07/2012

Processing Integration Results

Not Detected

Expected RT: 10.65

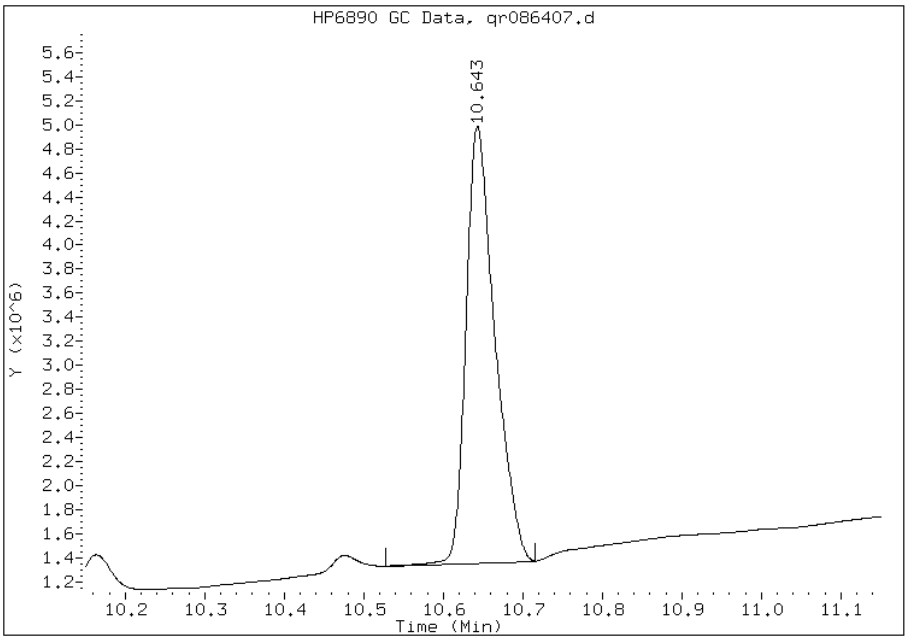
Manual Integration Results

RT: 10.64

Response: 9183345

Amount: 25.00

Conc: 25.00



Manually Integrated By: selbyc
Manual Integration Reason:

Data File: qr086408.d
Report Date: 07-Jun-2012 13:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086408.d
Lab Smp Id: SG1660L2_00012
Inj Date : 07-JUN-2012 02:18
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:08 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		
2.035	2.078	-0.043	4695071	500.000	480	80.00- 120.00	100.00(M)
2.480	2.520	-0.040	8279323	500.000	470	145.12- 217.68	176.34
2.732	2.769	-0.037	5319832	500.000	460	95.93- 143.90	113.31
3.086	3.120	-0.034	18596238	500.000	460	332.20- 498.30	396.08
3.284	3.319	-0.035	7168717	500.000	480	119.27- 178.91	152.69
3.638	3.673	-0.035	7656692	500.000	500	117.35- 176.03	163.08
4.002	4.030	-0.028	7234892	500.000	490	117.99- 176.99	154.10
4.151	4.175	-0.024	3081700	500.000	500	47.66- 71.49	65.64
		Average of Peak Amounts =			480		
27 Aroclor-1260					CAS #: 11096-82-5		
6.055	6.059	-0.004	11314235	500.000	460	80.00- 120.00	100.00

Data File: qr086408.d
Report Date: 07-Jun-2012 13:14

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.511	6.511	0.000	21573013	500.000	460	150.06- 225.09	190.67
6.956	6.952	0.004	19066673	500.000	460	133.64- 200.46	168.52
7.157	7.155	0.002	10368787	500.000	470	69.41- 104.12	91.64
7.593	7.589	0.004	9386663	500.000	460	66.50- 99.76	82.96
8.885	8.875	0.010	10691220	500.000	470	72.56- 108.84	94.49
9.107	9.096	0.011	6056062	500.000	480	38.54- 57.81	53.53
10.169	10.164	0.005	4766578	500.000	520	26.55- 39.82	42.13
		Average of Peak Amounts =			473		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.645	10.643	0.002	17609226	50.0000	49	80.00- 120.00	100.00

QC Flag Legend

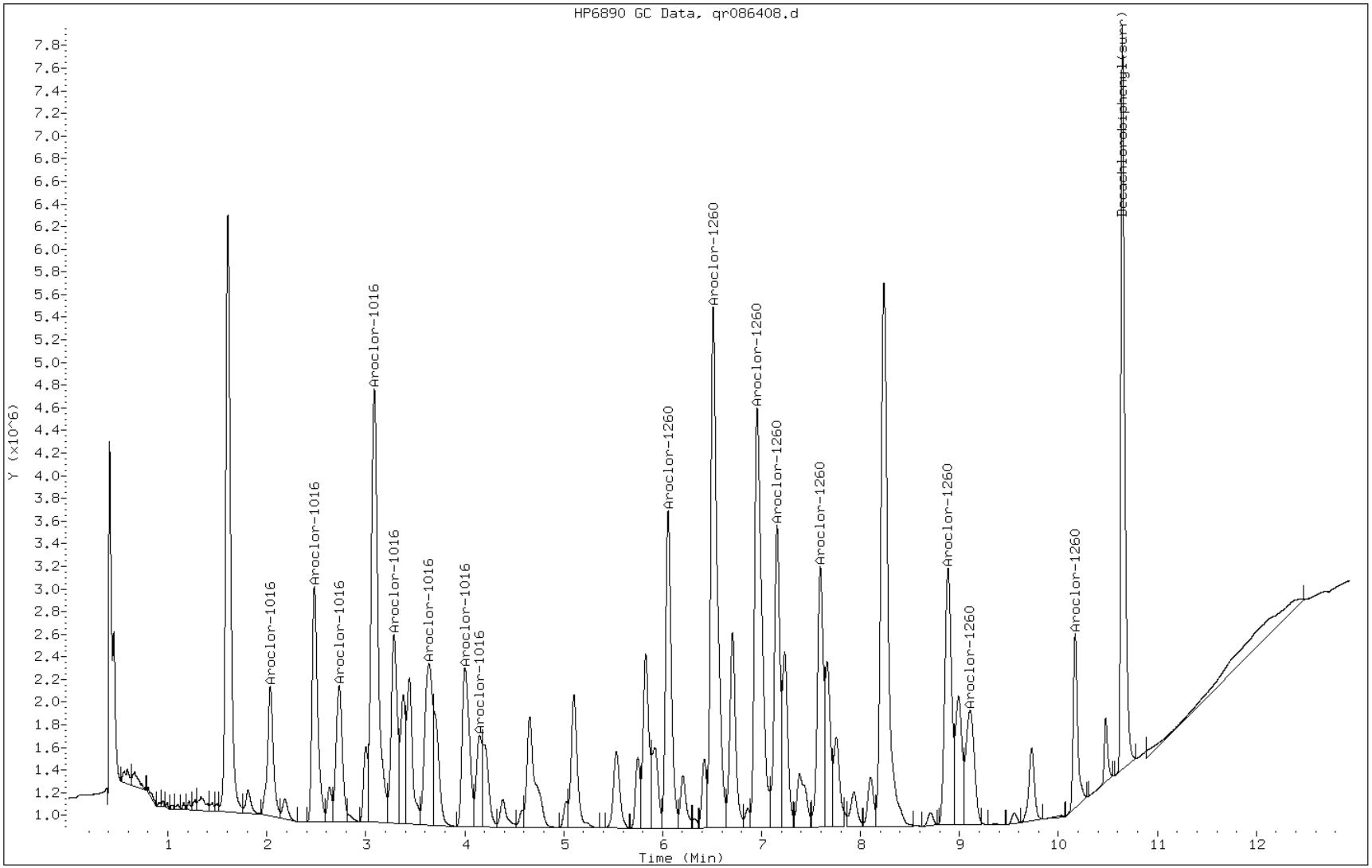
M - Compound response manually integrated.

Data File: qr086408.d

Date: 07-JUN-2012 02:18

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L2_00012 Operator: 615



Data File: qr086409.d
Report Date: 07-Jun-2012 13:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086409.d
Lab Smp Id: SG1660L3_00017
Inj Date : 07-JUN-2012 02:37
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:08 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		
2.069	2.078	-0.009	9716776	1000.00	990	80.00- 120.00	100.00(M)
2.518	2.520	-0.002	16851642	1000.00	970	141.07- 211.61	173.43
2.770	2.769	0.001	11082371	1000.00	970	90.65- 135.97	114.05
3.124	3.120	0.004	37421867	1000.00	950	316.86- 475.30	385.13
3.326	3.319	0.007	14612142	1000.00	990	122.15- 183.22	150.38
3.684	3.638	0.046	15092851	1000.00	990	130.46- 195.70	155.33
4.044	4.030	0.014	14764870	1000.00	990	123.28- 184.91	151.95
4.191	4.151	0.040	6625513	1000.00	1000	52.51- 78.76	68.19
Average of Peak Amounts =					989		
27 Aroclor-1260					CAS #: 11096-82-5		
6.079	6.059	0.020	22705371	1000.00	940	80.00- 120.00	100.00

Data File: qr086409.d
Report Date: 07-Jun-2012 13:15

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.533	6.511	0.022	43695261	1000.00	960	152.54- 228.81	192.44
6.975	6.952	0.023	39192194	1000.00	960	134.82- 202.22	172.61
7.176	7.155	0.021	21377139	1000.00	980	73.31- 109.97	94.15
7.613	7.589	0.024	19299260	1000.00	960	66.37- 99.56	85.00
8.904	8.875	0.029	23588076	1000.00	1000	75.59- 113.39	103.89
9.126	9.096	0.030	13278098	1000.00	1000	42.82- 64.23	58.48
10.177	10.164	0.013	10738039	1000.00	1100	33.70- 50.55	47.29
Average of Peak Amounts =					997		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.651	10.643	0.008	34836931	100.000	98	80.00- 120.00	100.00

QC Flag Legend

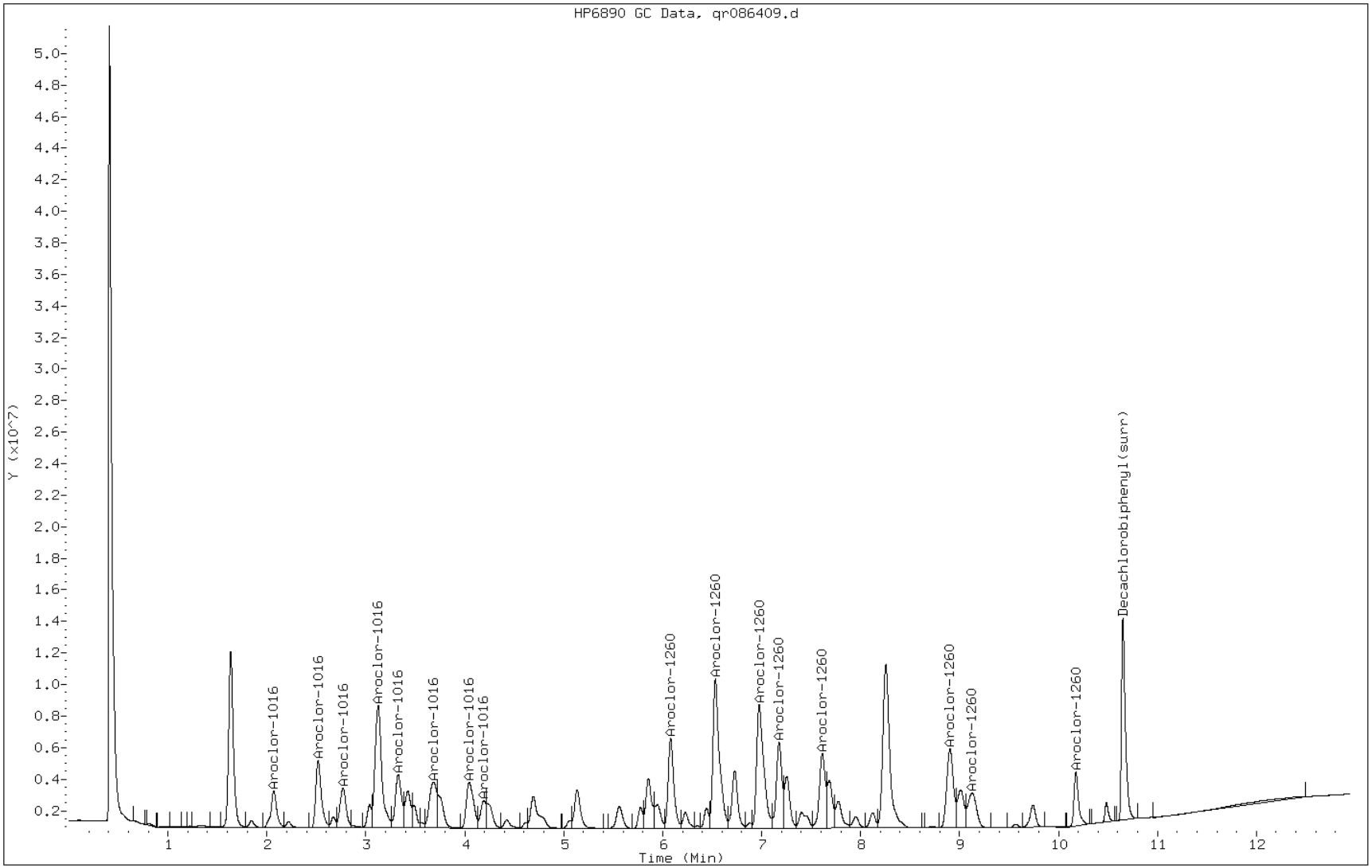
M - Compound response manually integrated.

Data File: qr086409.d

Date: 07-JUN-2012 02:37

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L3_00017 Operator: 615



Data File: qr086410.d
Report Date: 07-Jun-2012 13:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086410.d
Lab Smp Id: SG1660L4_00012
Inj Date : 07-JUN-2012 02:54
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:08 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		
2.060	2.069	-0.009	12293577	1500.00	1300	80.00- 120.00	100.00(M)
2.506	2.518	-0.012	21791455	1500.00	1300	138.74- 208.11	177.26
2.757	2.770	-0.013	14477142	1500.00	1300	91.24- 136.86	117.76
3.111	3.124	-0.013	48949919	1500.00	1300	308.10- 462.15	398.17
3.312	3.326	-0.014	19246856	1500.00	1300	120.30- 180.46	156.56
3.667	3.684	-0.017	20078859	1500.00	1400	124.26- 186.39	163.33
4.028	4.044	-0.016	19522473	1500.00	1400	121.56- 182.34	158.80
4.175	4.191	-0.016	8926137	1500.00	1400	54.55- 81.82	72.61
Average of Peak Amounts = 1.34e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.069	6.079	-0.010	30556107	1500.00	1300	80.00- 120.00	100.00

Data File: qr086410.d
Report Date: 07-Jun-2012 13:17

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.522	6.533	-0.011	58940462	1500.00	1300	153.96- 230.93	192.89
6.966	6.975	-0.009	53403236	1500.00	1400	138.09- 207.13	174.77
7.167	7.176	-0.009	28499142	1500.00	1400	75.32- 112.98	93.27
7.604	7.613	-0.009	26404172	1500.00	1400	68.00- 102.00	86.41
8.895	8.904	-0.009	31394027	1500.00	1400	83.11- 124.67	102.74
9.117	9.126	-0.009	18154391	1500.00	1400	46.78- 70.18	59.41
10.174	10.177	-0.003	14258207	1500.00	1500	37.83- 56.75	46.66
Average of Peak Amounts =				1.38e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.649	10.651	-0.002	46030812	150.000	130	80.00- 120.00	100.00(M)

QC Flag Legend

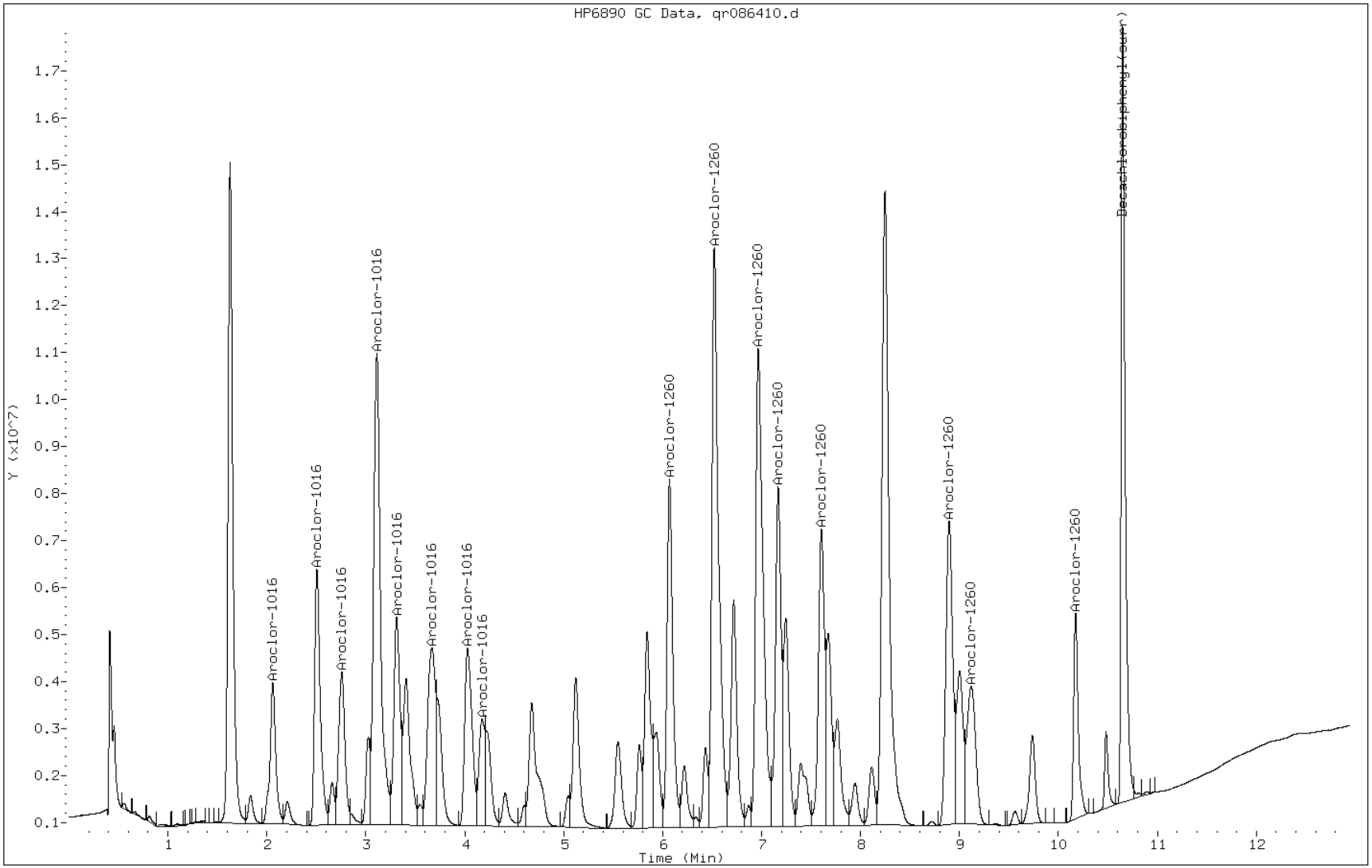
M - Compound response manually integrated.

Data File: qr086410.d

Date: 07-JUN-2012 02:54

Client ID: Instrument: PESTGC8.i

Sample Info: SG1660L4_00012 Operator: 615



Manual Integration Report

Data File: qr086410.d
Inj. Date and Time: 07-JUN-2012 02:54
Instrument ID: PESTGC8.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/07/2012

Processing Integration Results

Not Detected

Expected RT: 10.65

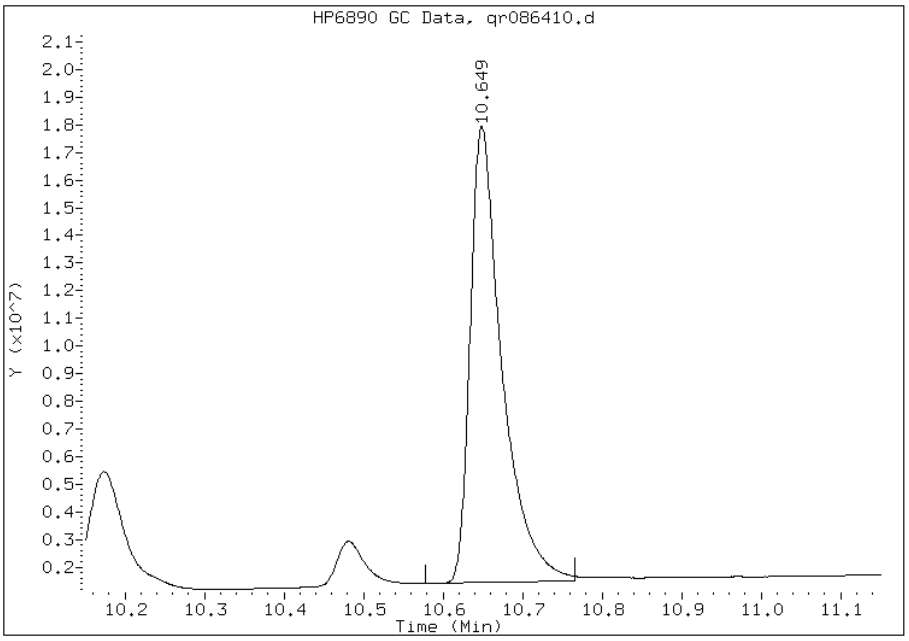
Manual Integration Results

RT: 10.65

Response: 46030812

Amount: 133.93

Conc: 133.93



Manually Integrated By: selbyc
Manual Integration Reason:

Data File: qr086411.d
Report Date: 07-Jun-2012 13:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086411.d
Lab Smp Id: SG1660L5_00012
Inj Date : 07-JUN-2012 03:10
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:08 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		
2.074	2.069	0.005	20065899	2500.00	2200	80.00- 120.00	100.00(M)
2.515	2.518	-0.003	34823871	2500.00	2200	141.81- 212.71	173.55
2.762	2.770	-0.008	23540633	2500.00	2200	94.21- 141.31	117.32
3.113	3.124	-0.011	79443734	2500.00	2200	318.54- 477.81	395.91
3.311	3.326	-0.015	31107623	2500.00	2200	125.25- 187.87	155.03
3.665	3.684	-0.019	33021399	2500.00	2300	130.66- 195.99	164.56
4.021	4.044	-0.023	32371874	2500.00	2300	127.04- 190.56	161.33
4.167	4.175	-0.008	14440209	2500.00	2400	58.09- 87.13	71.96
Average of Peak Amounts = 2.24e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.056	6.079	-0.023	48962705	2500.00	2200	80.00- 120.00	100.00

Data File: qr086411.d
Report Date: 07-Jun-2012 13:18

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.510	6.533	-0.023	95913558	2500.00	2200	154.31- 231.47	195.89
6.953	6.975	-0.022	88308755	2500.00	2300	139.82- 209.73	180.36
7.154	7.176	-0.022	47846860	2500.00	2300	74.61- 111.92	97.72
7.591	7.613	-0.022	43569383	2500.00	2300	69.13- 103.69	88.98
8.878	8.904	-0.026	55729561	2500.00	2500	82.19- 123.29	113.82
9.101	9.126	-0.025	31778426	2500.00	2500	47.53- 71.30	64.90
10.166	10.177	-0.011	26184541	2500.00	2700	37.33- 55.99	53.48
Average of Peak Amounts =			2.37e+03				
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.644	10.651	-0.007	65638901	200.000	190	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: qr086411.d

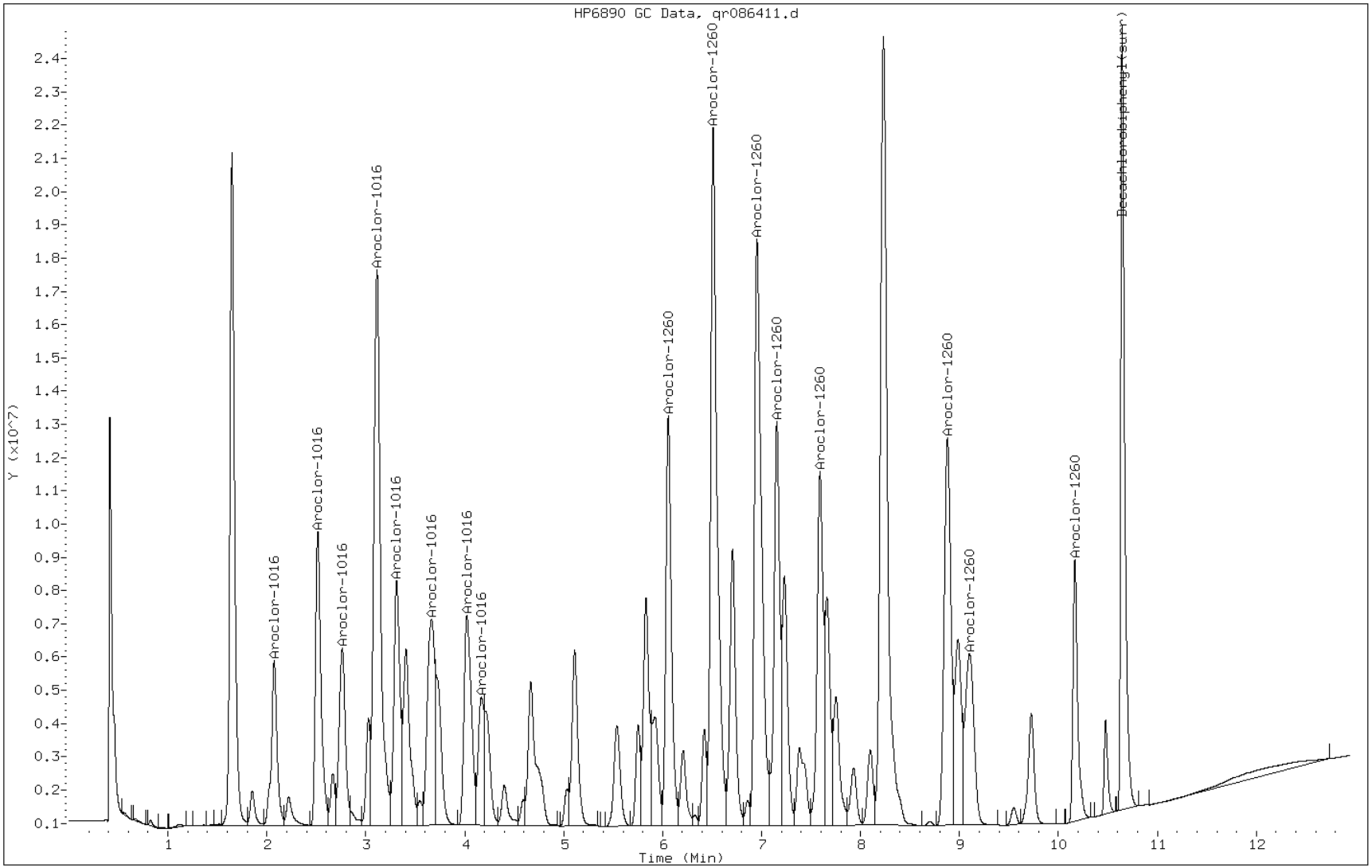
Date: 07-JUN-2012 03:10

Client ID:

Instrument: PESTGC8.i

Sample Info: SG1660L5_00012

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15928

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qf086412.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.548										1.478 - 1.618	1.548
PCB-1221 Peak 2	2.003										1.933 - 2.073	2.003
PCB-1221 Peak 3	2.522										2.452 - 2.592	2.522
PCB-1221 Peak 4	2.719										2.649 - 2.789	2.719
PCB-1221 Peak 5	2.806										2.736 - 2.876	2.806
PCB-1221 Peak 6	3.535										3.465 - 3.605	3.535
PCB-1221 Peak 7	3.885										3.815 - 3.955	3.885
PCB-1221 Peak 8	4.281										4.211 - 4.351	4.281

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15928

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qf086412.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	2223.5				Ave		2223.51300						20.0			
PCB-1221 Peak 2	577.91				Ave		577.908000						20.0			
PCB-1221 Peak 3	3525.8				Ave		3525.83200						20.0			
PCB-1221 Peak 4	2166.2				Ave		2166.18900						20.0			
PCB-1221 Peak 5	8417.6				Ave		8417.63100						20.0			
PCB-1221 Peak 6	1700.6				Ave		1700.61900						20.0			
PCB-1221 Peak 7	376.82				Ave		376.821000						20.0			
PCB-1221 Peak 8	1431.2				Ave		1431.17000						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15928

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qf086412.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	2223513					1000				
PCB-1221 Peak 2	Ave	577908					1000				
PCB-1221 Peak 3	Ave	3525832					1000				
PCB-1221 Peak 4	Ave	2166189					1000				
PCB-1221 Peak 5	Ave	8417631					1000				
PCB-1221 Peak 6	Ave	1700619					1000				
PCB-1221 Peak 7	Ave	376821					1000				
PCB-1221 Peak 8	Ave	1431170					1000				

Curve Type Legend:

Ave = Average

Data File: qf086412.d
Report Date: 07-Jun-2012 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086412.d
Lab Smp Id: SG1221L3_00014
Inj Date : 07-JUN-2012 03:25
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
1.548	1.583	-0.035	2223513	1000.00	1000	0.00-	0.00	100.00(M)
2.003	2.051	-0.048	577908	1000.00	1000	0.00-	0.00	25.99
2.522	2.585	-0.063	3525832	1000.00	1000	0.00-	0.00	158.57
2.719	2.786	-0.067	2166189	1000.00	1000	0.00-	0.00	97.42
2.806	2.874	-0.068	8417631	1000.00	1000	0.00-	0.00	378.57
3.535	3.629	-0.094	1700619	1000.00	1000	0.00-	0.00	76.48
3.885	3.977	-0.092	376821	1000.00	1000	0.00-	0.00	16.95
4.281	4.373	-0.092	1431170	1000.00	1000	0.00-	0.00	64.37
Average of Peak Amounts =					1e+03			

Data File: qf086412.d
Report Date: 07-Jun-2012 14:06

QC Flag Legend

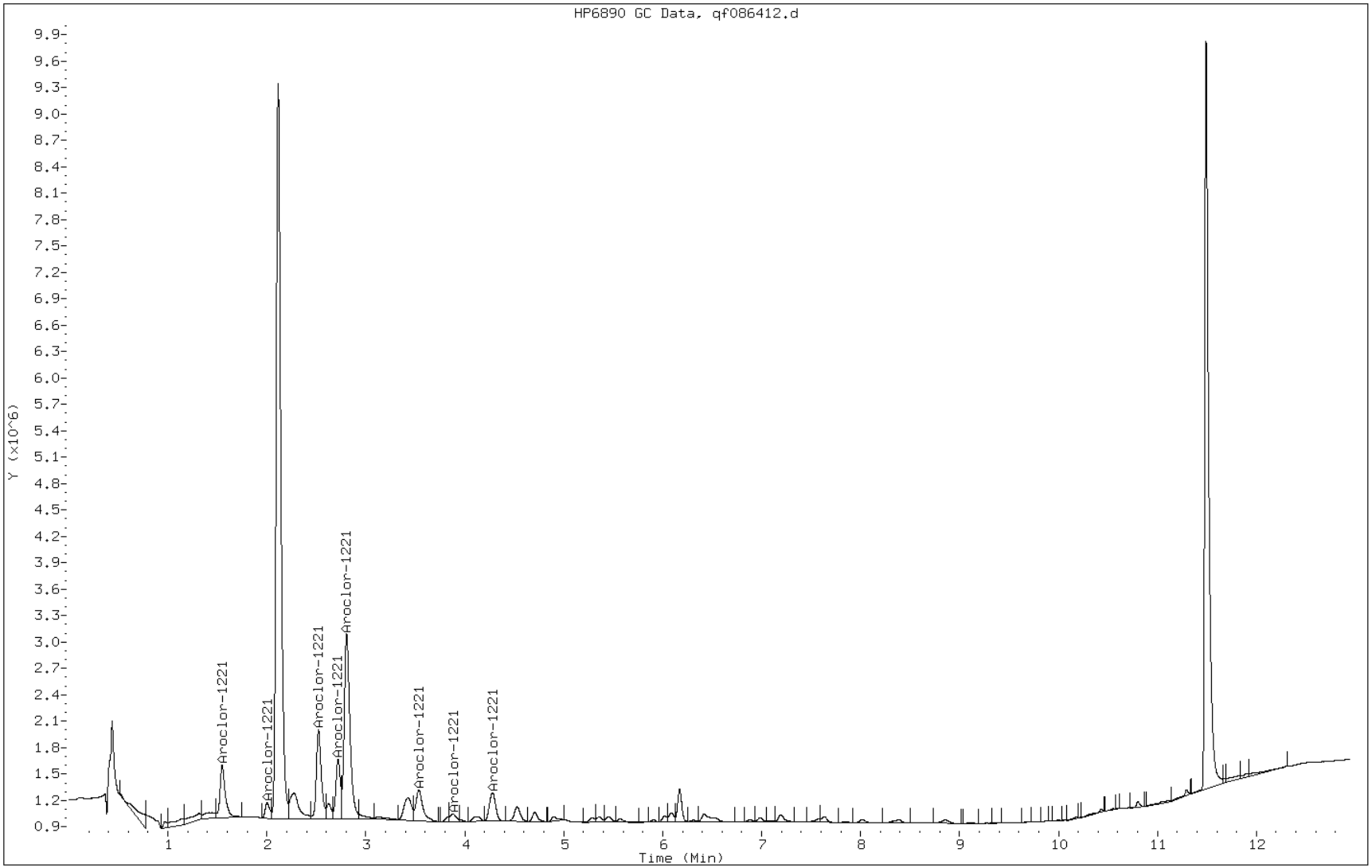
M - Compound response manually integrated.

Data File: qf086412.d

Date: 07-JUN-2012 03:25

Client ID: Instrument: PESTGC8.i

Sample Info: SG1221L3_00014 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qr086412.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.107										1.037 - 1.177	1.107
PCB-1221 Peak 2	1.502										1.432 - 1.572	1.502
PCB-1221 Peak 3	1.845										1.775 - 1.915	1.845
PCB-1221 Peak 4	2.064										1.994 - 2.134	2.064
PCB-1221 Peak 5	2.575										2.505 - 2.645	2.575
PCB-1221 Peak 6	2.655										2.585 - 2.725	2.655
PCB-1221 Peak 7	2.745										2.675 - 2.815	2.745
PCB-1221 Peak 8	3.097										3.027 - 3.167	3.097

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qr086412.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	3227.5				Ave		3227.48300						20.0			
PCB-1221 Peak 2	978.03				Ave		978.034000						20.0			
PCB-1221 Peak 3	4126.5				Ave		4126.48800						20.0			
PCB-1221 Peak 4	10651				Ave		10651.3770						20.0			
PCB-1221 Peak 5	1058.0				Ave		1058.01400						20.0			
PCB-1221 Peak 6	2127.5				Ave		2127.54900						20.0			
PCB-1221 Peak 7	731.11				Ave		731.105000						20.0			
PCB-1221 Peak 8	2232.9				Ave		2232.88700						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:25 Calibration End Date: 06/07/2012 03:25 Calibration ID: 15929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/9	qr086412.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3227483					1000				
PCB-1221 Peak 2	Ave	978034					1000				
PCB-1221 Peak 3	Ave	4126488					1000				
PCB-1221 Peak 4	Ave	10651377					1000				
PCB-1221 Peak 5	Ave	1058014					1000				
PCB-1221 Peak 6	Ave	2127549					1000				
PCB-1221 Peak 7	Ave	731105					1000				
PCB-1221 Peak 8	Ave	2232887					1000				

Curve Type Legend:

Ave = Average

Data File: qr086412.d
Report Date: 07-Jun-2012 13:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086412.d
Lab Smp Id: SG1221L3_00014
Inj Date : 07-JUN-2012 03:25
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
1.107	1.126	-0.019	3227483	1000.00	1000	0.00-	0.00	100.00(M)
1.502	1.000	0.502	978034	1000.00	1000	0.00-	0.00	30.30
1.845	1.881	-0.036	4126488	1000.00	1000	0.00-	0.00	127.85
2.064	2.110	-0.046	10651377	1000.00	1000	0.00-	0.00	330.02
2.575	1.000	1.575	1058014	1000.00	1000	0.00-	0.00	32.78
2.655	2.714	-0.059	2127549	1000.00	1000	0.00-	0.00	65.92
2.745	2.812	-0.067	731105	1000.00	1000	0.00-	0.00	22.65
3.097	3.169	-0.072	2232887	1000.00	1000	0.00-	0.00	69.18
Average of Peak Amounts =					1e+03			

Data File: qr086412.d
Report Date: 07-Jun-2012 13:23

QC Flag Legend

M - Compound response manually integrated.

Data File: qr086412.d

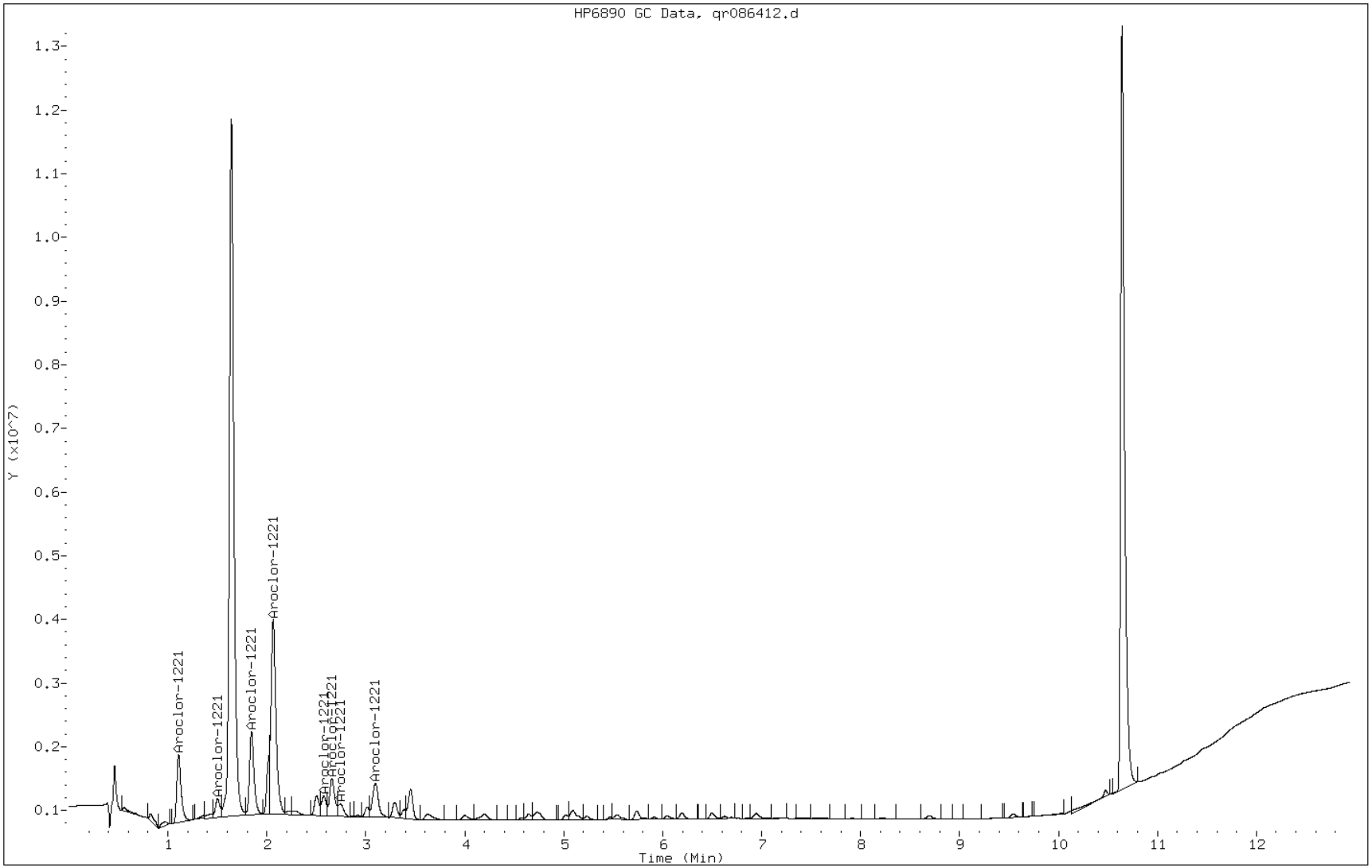
Date: 07-JUN-2012 03:25

Client ID:

Instrument: PESTGC8.i

Sample Info: SG1221L3_00014

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qf086413.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.852										2.782 - 2.922	2.852
PCB-1232 Peak 2	3.506										3.436 - 3.576	3.506
PCB-1232 Peak 3	3.951										3.881 - 4.021	3.951
PCB-1232 Peak 4	4.596										4.526 - 4.666	4.596
PCB-1232 Peak 5	4.775										4.705 - 4.845	4.775
PCB-1232 Peak 6	4.966										4.896 - 5.036	4.966
PCB-1232 Peak 7	5.422										5.352 - 5.492	5.422
PCB-1232 Peak 8	5.631										5.561 - 5.701	5.631

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qf086413.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	5962.2				Ave		5962.19900						20.0			
PCB-1232 Peak 2	5101.9				Ave		5101.94000						20.0			
PCB-1232 Peak 3	2215.6				Ave		2215.59200						20.0			
PCB-1232 Peak 4	4598.3				Ave		4598.32600						20.0			
PCB-1232 Peak 5	2417.4				Ave		2417.44300						20.0			
PCB-1232 Peak 6	2486.8				Ave		2486.82000						20.0			
PCB-1232 Peak 7	3528.7				Ave		3528.73700						20.0			
PCB-1232 Peak 8	3622.9				Ave		3622.90500						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qf086413.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	5962199					1000				
PCB-1232 Peak 2	Ave	5101940					1000				
PCB-1232 Peak 3	Ave	2215592					1000				
PCB-1232 Peak 4	Ave	4598326					1000				
PCB-1232 Peak 5	Ave	2417443					1000				
PCB-1232 Peak 6	Ave	2486820					1000				
PCB-1232 Peak 7	Ave	3528737					1000				
PCB-1232 Peak 8	Ave	3622905					1000				

Curve Type Legend:

Ave = Average

Data File: qf086413.d
Report Date: 07-Jun-2012 14:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086413.d
Lab Smp Id: SG1232L3_00013
Inj Date : 07-JUN-2012 03:45
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
2.852	2.870	-0.018	5962199	1000.00	1000	0.00-	0.00	100.00(M)
3.506	3.528	-0.022	5101940	1000.00	1000	0.00-	0.00	85.57
3.951	3.972	-0.021	2215592	1000.00	1000	0.00-	0.00	37.16
4.596	4.614	-0.018	4598326	1000.00	1000	0.00-	0.00	77.12
4.775	4.794	-0.019	2417443	1000.00	1000	0.00-	0.00	40.55
4.966	4.984	-0.018	2486820	1000.00	1000	0.00-	0.00	41.71
5.422	5.440	-0.018	3528737	1000.00	1000	0.00-	0.00	59.19
5.631	5.650	-0.019	3622905	1000.00	1000	0.00-	0.00	60.76
Average of Peak Amounts =					1e+03			

Data File: qf086413.d
Report Date: 07-Jun-2012 14:08

QC Flag Legend

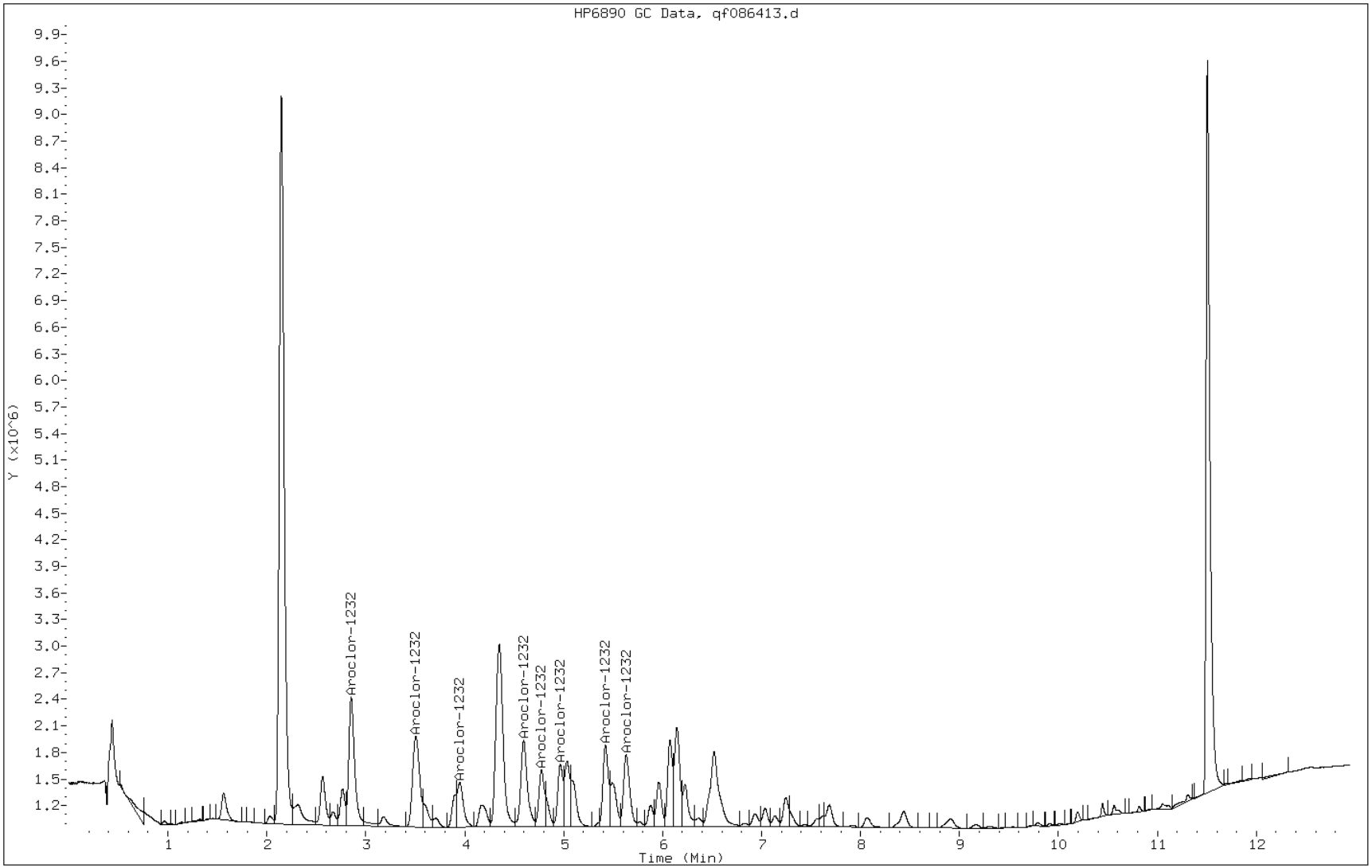
M - Compound response manually integrated.

Data File: qf086413.d

Date: 07-JUN-2012 03:45

Client ID: Instrument: PESTGC8.i

Sample Info: SG1232L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15931

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qr086413.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.074										2.004 - 2.144	2.074
PCB-1232 Peak 2	2.521										2.451 - 2.591	2.521
PCB-1232 Peak 3	2.773										2.703 - 2.843	2.773
PCB-1232 Peak 4	3.126										3.056 - 3.196	3.126
PCB-1232 Peak 5	3.329										3.259 - 3.399	3.329
PCB-1232 Peak 6	3.426										3.356 - 3.496	3.426
PCB-1232 Peak 7	4.046										3.976 - 4.116	4.046
PCB-1232 Peak 8	4.618										4.548 - 4.688	4.618

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15931

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qr086413.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	8247.7				Ave		8247.66200						20.0			
PCB-1232 Peak 2	7478.2				Ave		7478.18000						20.0			
PCB-1232 Peak 3	4926.5				Ave		4926.45700						20.0			
PCB-1232 Peak 4	15012				Ave		15011.6400						20.0			
PCB-1232 Peak 5	5720.4				Ave		5720.41300						20.0			
PCB-1232 Peak 6	3516.1				Ave		3516.05000						20.0			
PCB-1232 Peak 7	6277.9				Ave		6277.86300						20.0			
PCB-1232 Peak 8	2712.4				Ave		2712.39200						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 03:45 Calibration End Date: 06/07/2012 03:45 Calibration ID: 15931

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/10	qr086413.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	8247662					1000				
PCB-1232 Peak 2	Ave	7478180					1000				
PCB-1232 Peak 3	Ave	4926457					1000				
PCB-1232 Peak 4	Ave	15011640					1000				
PCB-1232 Peak 5	Ave	5720413					1000				
PCB-1232 Peak 6	Ave	3516050					1000				
PCB-1232 Peak 7	Ave	6277863					1000				
PCB-1232 Peak 8	Ave	2712392					1000				

Curve Type Legend:

Ave = Average

Data File: qr086413.d
Report Date: 07-Jun-2012 13:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086413.d
Lab Smp Id: SG1232L3_00013
Inj Date : 07-JUN-2012 03:45
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
2.074	2.110	-0.036	8247662	1000.00	1000	0.00-	0.00	100.00(M)
2.521	2.559	-0.038	7478180	1000.00	1000	0.00-	0.00	90.67
2.773	2.812	-0.039	4926457	1000.00	1000	0.00-	0.00	59.73
3.126	3.169	-0.043	15011640	1000.00	1000	0.00-	0.00	182.01
3.329	3.377	-0.048	5720413	1000.00	1000	0.00-	0.00	69.36
3.426	3.478	-0.052	3516050	1000.00	1000	0.00-	0.00	42.63
4.046	4.097	-0.051	6277863	1000.00	1000	0.00-	0.00	76.12
4.618	4.673	-0.055	2712392	1000.00	1000	0.00-	0.00	32.89
Average of Peak Amounts =					1e+03			

Data File: qr086413.d
Report Date: 07-Jun-2012 13:25

QC Flag Legend

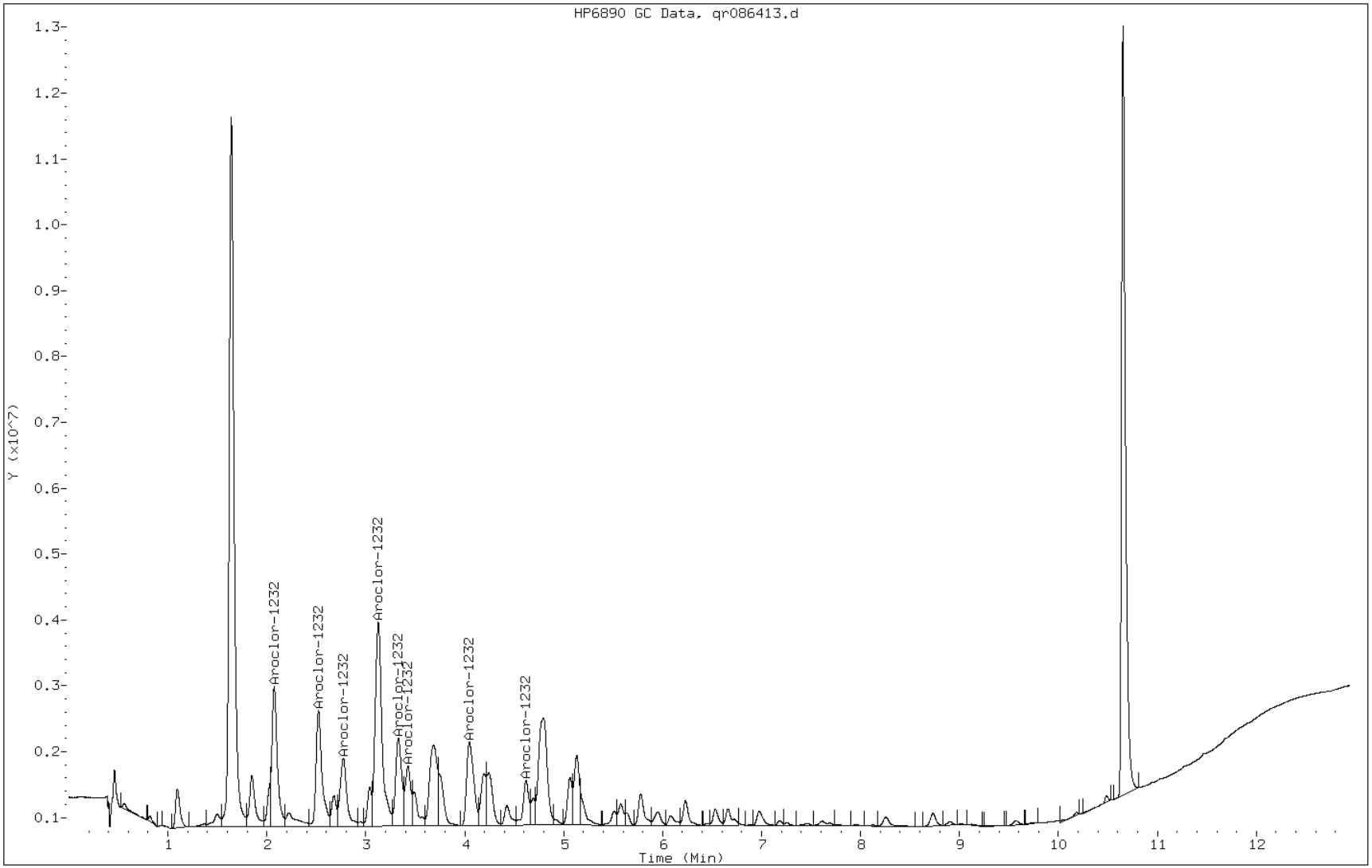
M - Compound response manually integrated.

Data File: qr086413.d

Date: 07-JUN-2012 03:45

Client ID: Instrument: PESTGC8.i

Sample Info: SG1232L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15932

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qf086414.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.815										2.745 - 2.885	2.815
PCB-1242 Peak 2	3.462										3.392 - 3.532	3.462
PCB-1242 Peak 3	3.908										3.838 - 3.978	3.908
PCB-1242 Peak 4	4.312										4.242 - 4.382	4.312
PCB-1242 Peak 5	4.560										4.490 - 4.630	4.560
PCB-1242 Peak 6	4.933										4.863 - 5.003	4.933
PCB-1242 Peak 7	5.603										5.533 - 5.673	5.603
PCB-1242 Peak 8	6.120										6.050 - 6.190	6.120

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15932

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qf086414.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	5063.4				Ave		5063.35100						20.0			
PCB-1242 Peak 2	10465				Ave		10464.8320						20.0			
PCB-1242 Peak 3	4276.0				Ave		4276.00700						20.0			
PCB-1242 Peak 4	20407				Ave		20406.5910						20.0			
PCB-1242 Peak 5	8749.8				Ave		8749.83900						20.0			
PCB-1242 Peak 6	4159.8				Ave		4159.77200						20.0			
PCB-1242 Peak 7	7197.1				Ave		7197.05400						20.0			
PCB-1242 Peak 8	8391.8				Ave		8391.77900						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15932

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qf086414.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	5063351					1000				
PCB-1242 Peak 2	Ave	10464832					1000				
PCB-1242 Peak 3	Ave	4276007					1000				
PCB-1242 Peak 4	Ave	20406591					1000				
PCB-1242 Peak 5	Ave	8749839					1000				
PCB-1242 Peak 6	Ave	4159772					1000				
PCB-1242 Peak 7	Ave	7197054					1000				
PCB-1242 Peak 8	Ave	8391779					1000				

Curve Type Legend:
Ave = Average

Data File: qf086414.d
Report Date: 07-Jun-2012 14:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086414.d
Lab Smp Id: SG1242L3_00013
Inj Date : 07-JUN-2012 04:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
2.815	2.869	-0.054	5063351	1000.00	1000	0.00-	0.00	100.00(M)
3.462	3.526	-0.064	10464832	1000.00	1000	0.00-	0.00	206.68
3.908	3.971	-0.063	4276007	1000.00	1000	0.00-	0.00	84.45
4.312	4.369	-0.057	20406591	1000.00	1000	0.00-	0.00	403.03
4.560	4.615	-0.055	8749839	1000.00	1000	0.00-	0.00	172.81
4.933	4.985	-0.052	4159772	1000.00	1000	0.00-	0.00	82.15
5.603	5.652	-0.049	7197054	1000.00	1000	0.00-	0.00	142.14
6.120	6.164	-0.044	8391779	1000.00	1000	0.00-	0.00	165.74
Average of Peak Amounts =					1e+03			

Data File: qf086414.d
Report Date: 07-Jun-2012 14:10

QC Flag Legend

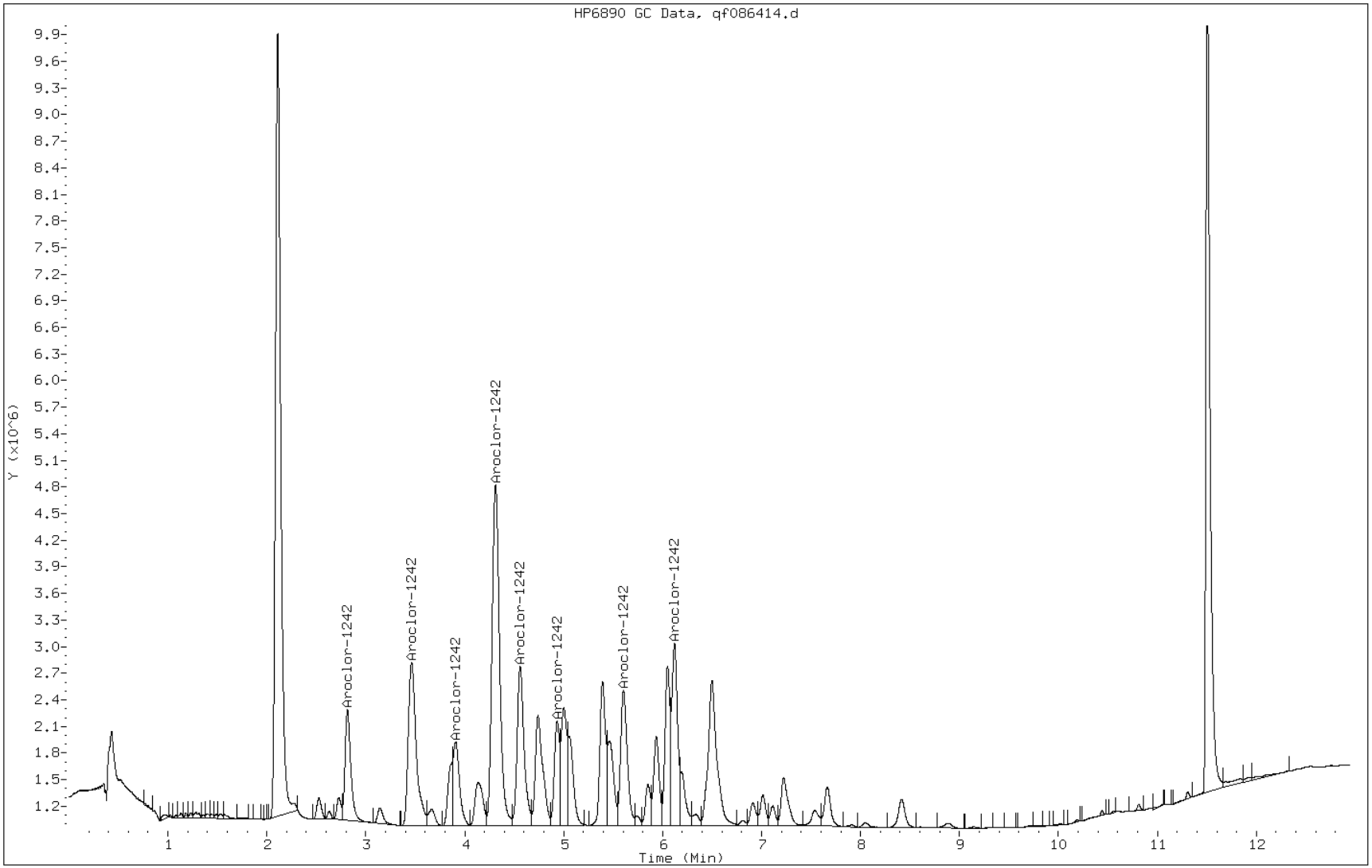
M - Compound response manually integrated.

Data File: qf086414.d

Date: 07-JUN-2012 04:02

Client ID: Instrument: PESTGC8.i

Sample Info: SG1242L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15933

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qr086414.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.045										1.975 - 2.115	2.045
PCB-1242 Peak 2	2.491										2.421 - 2.561	2.491
PCB-1242 Peak 3	2.742										2.672 - 2.812	2.742
PCB-1242 Peak 4	3.097										3.027 - 3.167	3.097
PCB-1242 Peak 5	3.296										3.226 - 3.366	3.296
PCB-1242 Peak 6	3.653										3.583 - 3.723	3.653
PCB-1242 Peak 7	4.016										3.946 - 4.086	4.016
PCB-1242 Peak 8	5.106										5.036 - 5.176	5.106

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15933

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qr086414.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	8372.6				Ave		8372.59000						20.0			
PCB-1242 Peak 2	12964				Ave		12964.2080						20.0			
PCB-1242 Peak 3	8645.5				Ave		8645.46600						20.0			
PCB-1242 Peak 4	28511				Ave		28511.4480						20.0			
PCB-1242 Peak 5	10981				Ave		10981.0620						20.0			
PCB-1242 Peak 6	10973				Ave		10972.5430						20.0			
PCB-1242 Peak 7	11523				Ave		11523.1680						20.0			
PCB-1242 Peak 8	7456.4				Ave		7456.44700						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:02 Calibration End Date: 06/07/2012 04:02 Calibration ID: 15933

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/11	qr086414.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	8372590					1000				
PCB-1242 Peak 2	Ave	12964208					1000				
PCB-1242 Peak 3	Ave	8645466					1000				
PCB-1242 Peak 4	Ave	28511448					1000				
PCB-1242 Peak 5	Ave	10981062					1000				
PCB-1242 Peak 6	Ave	10972543					1000				
PCB-1242 Peak 7	Ave	11523168					1000				
PCB-1242 Peak 8	Ave	7456447					1000				

Curve Type Legend:

Ave = Average

Data File: qr086414.d
Report Date: 07-Jun-2012 13:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086414.d
Lab Smp Id: SG1242L3_00013
Inj Date : 07-JUN-2012 04:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
2.045	2.110	-0.065	8372590	1000.00	1000	0.00-	0.00	100.00(M)
2.491	2.559	-0.068	12964208	1000.00	1000	0.00-	0.00	154.84
2.742	2.812	-0.070	8645466	1000.00	1000	0.00-	0.00	103.26
3.097	3.169	-0.072	28511448	1000.00	1000	0.00-	0.00	340.53
3.296	3.377	-0.081	10981062	1000.00	1000	0.00-	0.00	131.15
3.653	3.739	-0.086	10972543	1000.00	1000	0.00-	0.00	131.05
4.016	4.097	-0.081	11523168	1000.00	1000	0.00-	0.00	137.63
5.106	5.188	-0.082	7456447	1000.00	1000	0.00-	0.00	89.06
Average of Peak Amounts =					1e+03			

Data File: qr086414.d
Report Date: 07-Jun-2012 13:27

QC Flag Legend

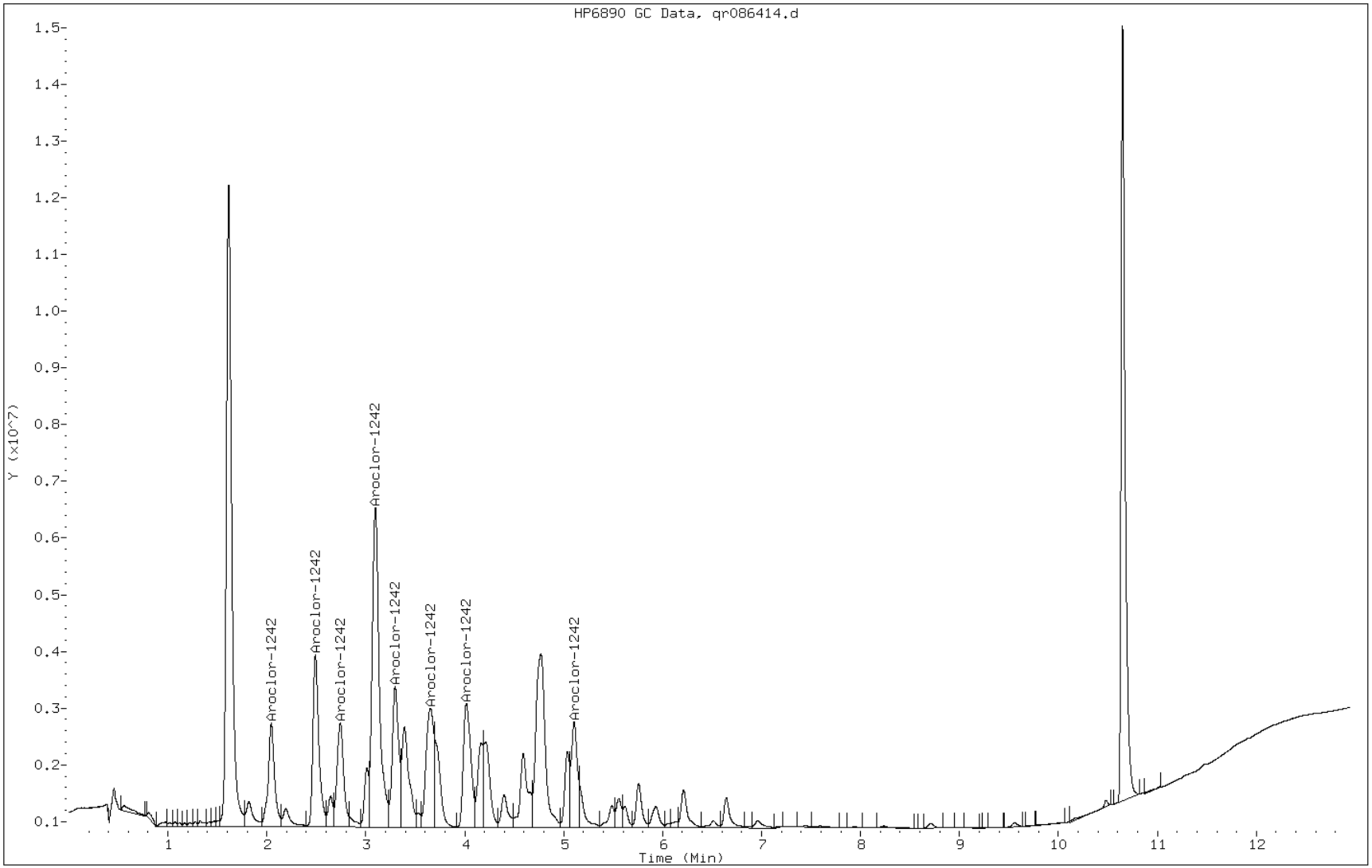
M - Compound response manually integrated.

Data File: qr086414.d

Date: 07-JUN-2012 04:02

Client ID: Instrument: PESTGC8.i

Sample Info: SG1242L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15934

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qf086415.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.441										3.371 - 3.511	3.441
PCB-1248 Peak 2	4.282										4.212 - 4.352	4.282
PCB-1248 Peak 3	4.715										4.645 - 4.785	4.715
PCB-1248 Peak 4	4.907										4.837 - 4.977	4.907
PCB-1248 Peak 5	5.367										5.297 - 5.437	5.367
PCB-1248 Peak 6	5.578										5.508 - 5.648	5.578
PCB-1248 Peak 7	6.027										5.957 - 6.097	6.027
PCB-1248 Peak 8	6.097										6.027 - 6.167	6.097

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15934

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qf086415.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	4933.8				Ave		4933.82000						20.0			
PCB-1248 Peak 2	13760				Ave		13759.5830						20.0			
PCB-1248 Peak 3	2217.9				Ave		2217.85500						20.0			
PCB-1248 Peak 4	7944.3				Ave		7944.31800						20.0			
PCB-1248 Peak 5	10456				Ave		10455.7490						20.0			
PCB-1248 Peak 6	11410				Ave		11409.6900						20.0			
PCB-1248 Peak 7	11856				Ave		11856.0480						20.0			
PCB-1248 Peak 8	15222				Ave		15222.4150						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15934

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qf086415.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	4933820					1000				
PCB-1248 Peak 2	Ave	13759583					1000				
PCB-1248 Peak 3	Ave	2217855					1000				
PCB-1248 Peak 4	Ave	7944318					1000				
PCB-1248 Peak 5	Ave	10455749					1000				
PCB-1248 Peak 6	Ave	11409690					1000				
PCB-1248 Peak 7	Ave	11856048					1000				
PCB-1248 Peak 8	Ave	15222415					1000				

Curve Type Legend:
Ave = Average

Data File: qf086415.d
Report Date: 07-Jun-2012 14:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086415.d
Lab Smp Id: SG1248L3_00013
Inj Date : 07-JUN-2012 04:18
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
3.441	3.526	-0.085	4933820	1000.00	1000	0.00-	0.00	100.00(M)
4.282	4.367	-0.085	13759583	1000.00	1000	0.00-	0.00	278.88
4.715	4.797	-0.082	2217855	1000.00	1000	0.00-	0.00	44.95
4.907	4.985	-0.078	7944318	1000.00	1000	0.00-	0.00	161.02
5.367	5.442	-0.075	10455749	1000.00	1000	0.00-	0.00	211.92
5.578	5.651	-0.073	11409690	1000.00	1000	0.00-	0.00	231.25
6.027	6.094	-0.067	11856048	1000.00	1000	0.00-	0.00	240.30
6.097	6.163	-0.066	15222415	1000.00	1000	0.00-	0.00	308.53
Average of Peak Amounts =					1e+03			

Data File: qf086415.d
Report Date: 07-Jun-2012 14:12

QC Flag Legend

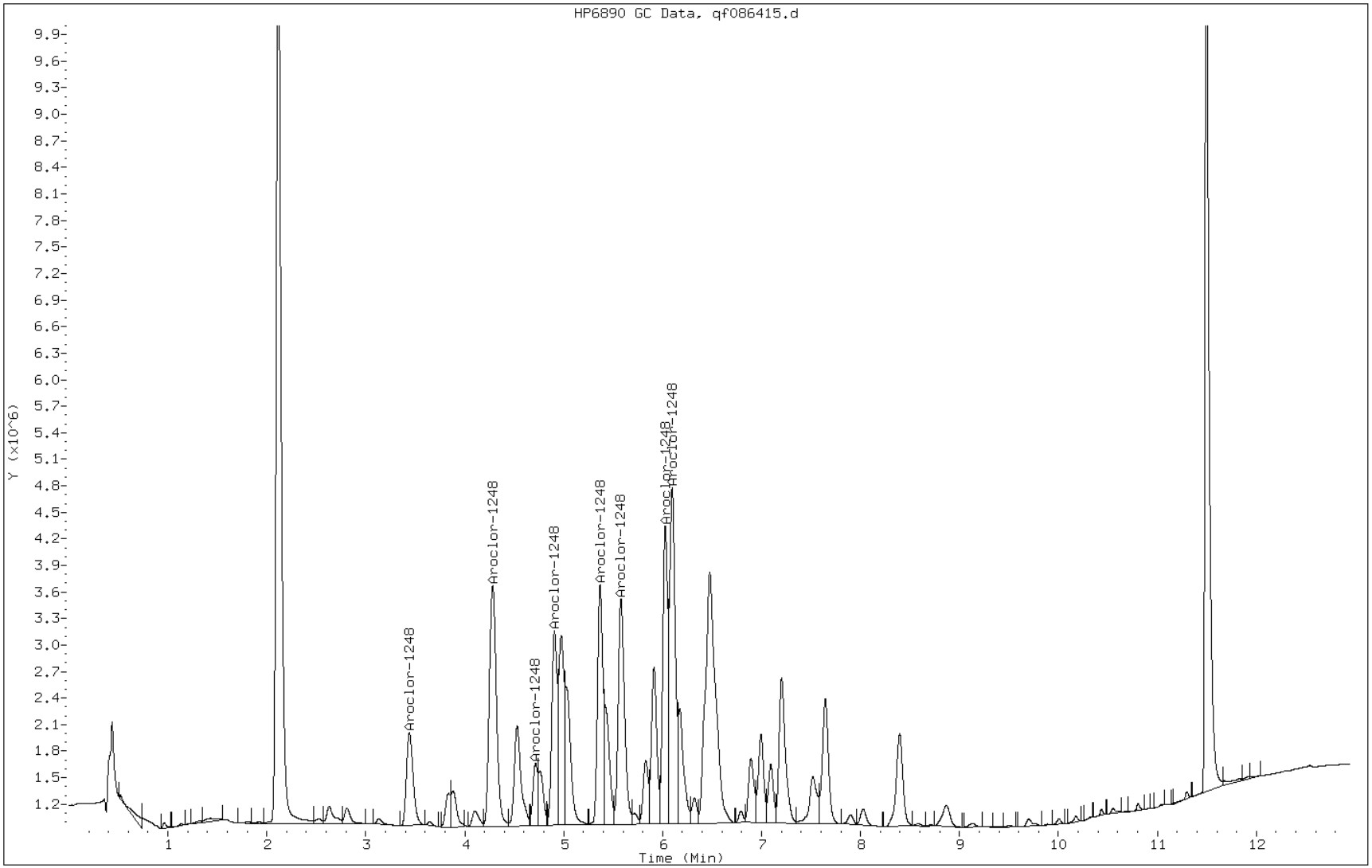
M - Compound response manually integrated.

Data File: qf086415.d

Date: 07-JUN-2012 04:18

Client ID: Instrument: PESTGC8.i

Sample Info: SG1248L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qr086415.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.502										2.432 - 2.572	2.502
PCB-1248 Peak 2	3.097										3.027 - 3.167	3.097
PCB-1248 Peak 3	3.388										3.318 - 3.458	3.388
PCB-1248 Peak 4	3.642										3.572 - 3.712	3.642
PCB-1248 Peak 5	4.006										3.936 - 4.076	4.006
PCB-1248 Peak 6	4.148										4.078 - 4.218	4.148
PCB-1248 Peak 7	4.578										4.508 - 4.648	4.578
PCB-1248 Peak 8	5.093										5.023 - 5.163	5.093

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qr086415.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	6306.6				Ave		6306.61900						20.0			
PCB-1248 Peak 2	17264				Ave		17264.3050						20.0			
PCB-1248 Peak 3	3374.0				Ave		3373.98200						20.0			
PCB-1248 Peak 4	19700				Ave		19700.4340						20.0			
PCB-1248 Peak 5	18627				Ave		18626.8780						20.0			
PCB-1248 Peak 6	10608				Ave		10608.4360						20.0			
PCB-1248 Peak 7	9924.8				Ave		9924.83000						20.0			
PCB-1248 Peak 8	14746				Ave		14745.9550						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:18 Calibration End Date: 06/07/2012 04:18 Calibration ID: 15935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/12	qr086415.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	6306619					1000				
PCB-1248 Peak 2	Ave	17264305					1000				
PCB-1248 Peak 3	Ave	3373982					1000				
PCB-1248 Peak 4	Ave	19700434					1000				
PCB-1248 Peak 5	Ave	18626878					1000				
PCB-1248 Peak 6	Ave	10608436					1000				
PCB-1248 Peak 7	Ave	9924830					1000				
PCB-1248 Peak 8	Ave	14745955					1000				

Curve Type Legend:

Ave = Average

Data File: qr086415.d
Report Date: 07-Jun-2012 13:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086415.d
Lab Smp Id: SG1248L3_00013
Inj Date : 07-JUN-2012 04:18
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
2.502	2.559	-0.057	6306619	1000.00	1000	0.00-	0.00	100.00(M)
3.097	3.169	-0.072	17264305	1000.00	1000	0.00-	0.00	273.75
3.388	3.478	-0.090	3373982	1000.00	1000	0.00-	0.00	53.50
3.642	3.739	-0.097	19700434	1000.00	1000	0.00-	0.00	312.38
4.006	4.097	-0.091	18626878	1000.00	1000	0.00-	0.00	295.35
4.148	4.245	-0.097	10608436	1000.00	1000	0.00-	0.00	168.21
4.578	4.673	-0.095	9924830	1000.00	1000	0.00-	0.00	157.37
5.093	5.188	-0.095	14745955	1000.00	1000	0.00-	0.00	233.82
Average of Peak Amounts =					1e+03			

Data File: qr086415.d
Report Date: 07-Jun-2012 13:29

QC Flag Legend

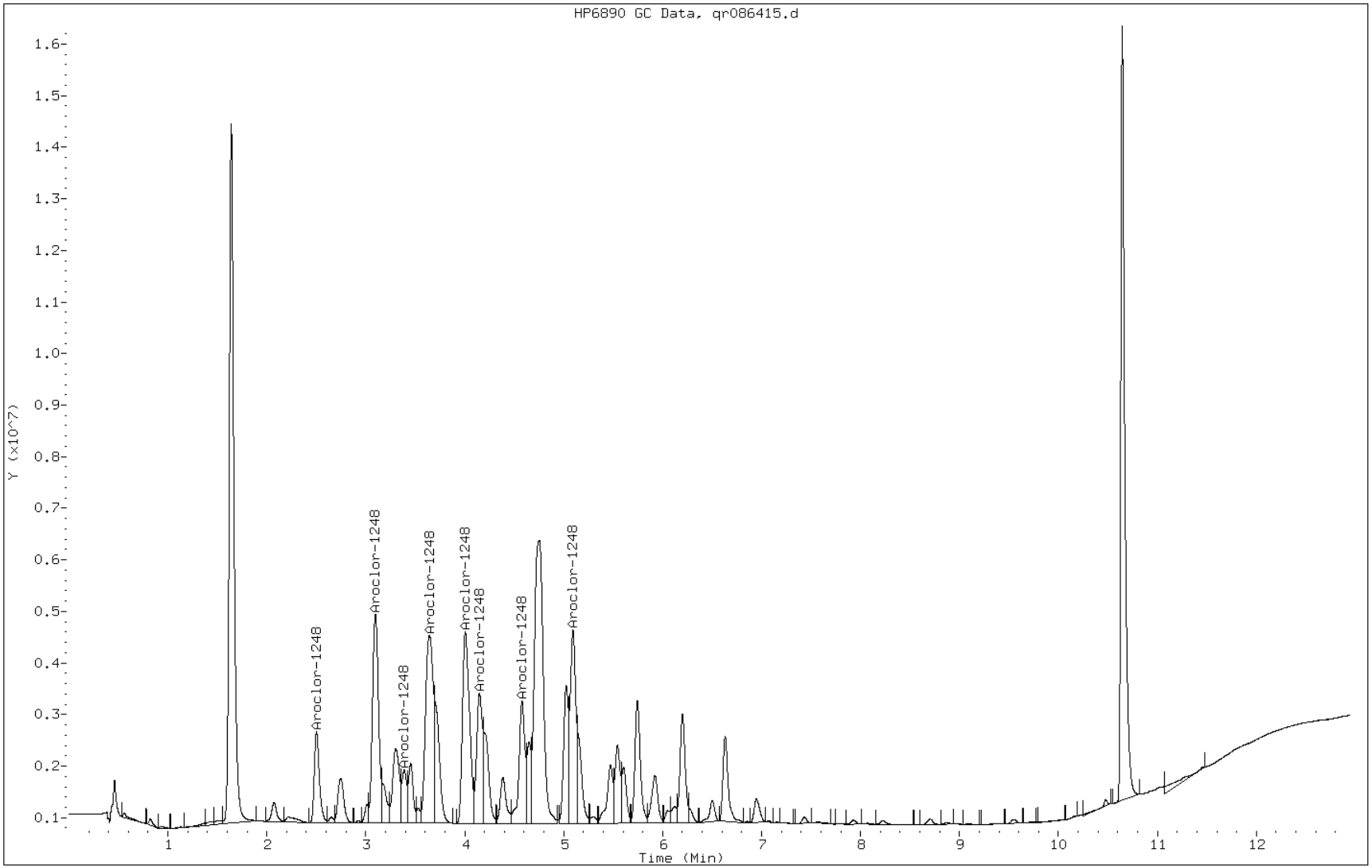
M - Compound response manually integrated.

Data File: qr086415.d

Date: 07-JUN-2012 04:18

Client ID: Instrument: PESTGC8.i

Sample Info: SG1248L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qf086416.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.894										4.824 - 4.964	4.894
PCB-1254 Peak 2	6.079										6.009 - 6.149	6.079
PCB-1254 Peak 3	6.412										6.342 - 6.482	6.412
PCB-1254 Peak 4	6.984										6.914 - 7.054	6.984
PCB-1254 Peak 5	7.192										7.122 - 7.262	7.192
PCB-1254 Peak 6	8.381										8.311 - 8.451	8.381
PCB-1254 Peak 7	8.858										8.788 - 8.928	8.858
PCB-1254 Peak 8	9.693										9.623 - 9.763	9.693

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qf086416.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	6669.5				Ave		6669.50800						20.0			
PCB-1254 Peak 2	13902				Ave		13902.1480						20.0			
PCB-1254 Peak 3	15156				Ave		15155.6840						20.0			
PCB-1254 Peak 4	10046				Ave		10046.2740						20.0			
PCB-1254 Peak 5	21698				Ave		21697.9290						20.0			
PCB-1254 Peak 6	12820				Ave		12820.1290						20.0			
PCB-1254 Peak 7	22392				Ave		22391.8050						20.0			
PCB-1254 Peak 8	3866.0				Ave		3866.02600						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qf086416.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	6669508					1000				
PCB-1254 Peak 2	Ave	13902148					1000				
PCB-1254 Peak 3	Ave	15155684					1000				
PCB-1254 Peak 4	Ave	10046274					1000				
PCB-1254 Peak 5	Ave	21697929					1000				
PCB-1254 Peak 6	Ave	12820129					1000				
PCB-1254 Peak 7	Ave	22391805					1000				
PCB-1254 Peak 8	Ave	3866026					1000				

Curve Type Legend:

Ave = Average

Data File: qf086416.d
Report Date: 07-Jun-2012 14:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086416.d
Lab Smp Id: SG1254L3_00013
Inj Date : 07-JUN-2012 04:33
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 04:18 Cal File: qf086415.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			
4.894	4.985	-0.091	6669508	1000.00	1000	0.00-	0.00	100.00(M)
6.079	6.158	-0.079	13902148	1000.00	1000	0.00-	0.00	208.44
6.412	6.487	-0.075	15155684	1000.00	1000	0.00-	0.00	227.24
6.984	7.057	-0.073	10046274	1000.00	1000	0.00-	0.00	150.63
7.192	7.269	-0.077	21697929	1000.00	1000	0.00-	0.00	325.33
8.381	8.467	-0.086	12820129	1000.00	1000	0.00-	0.00	192.22
8.858	8.948	-0.090	22391805	1000.00	1000	0.00-	0.00	335.73
9.693	9.750	-0.057	3866026	1000.00	1000	0.00-	0.00	57.97
Average of Peak Amounts =					1e+03			

Data File: qf086416.d
Report Date: 07-Jun-2012 14:15

QC Flag Legend

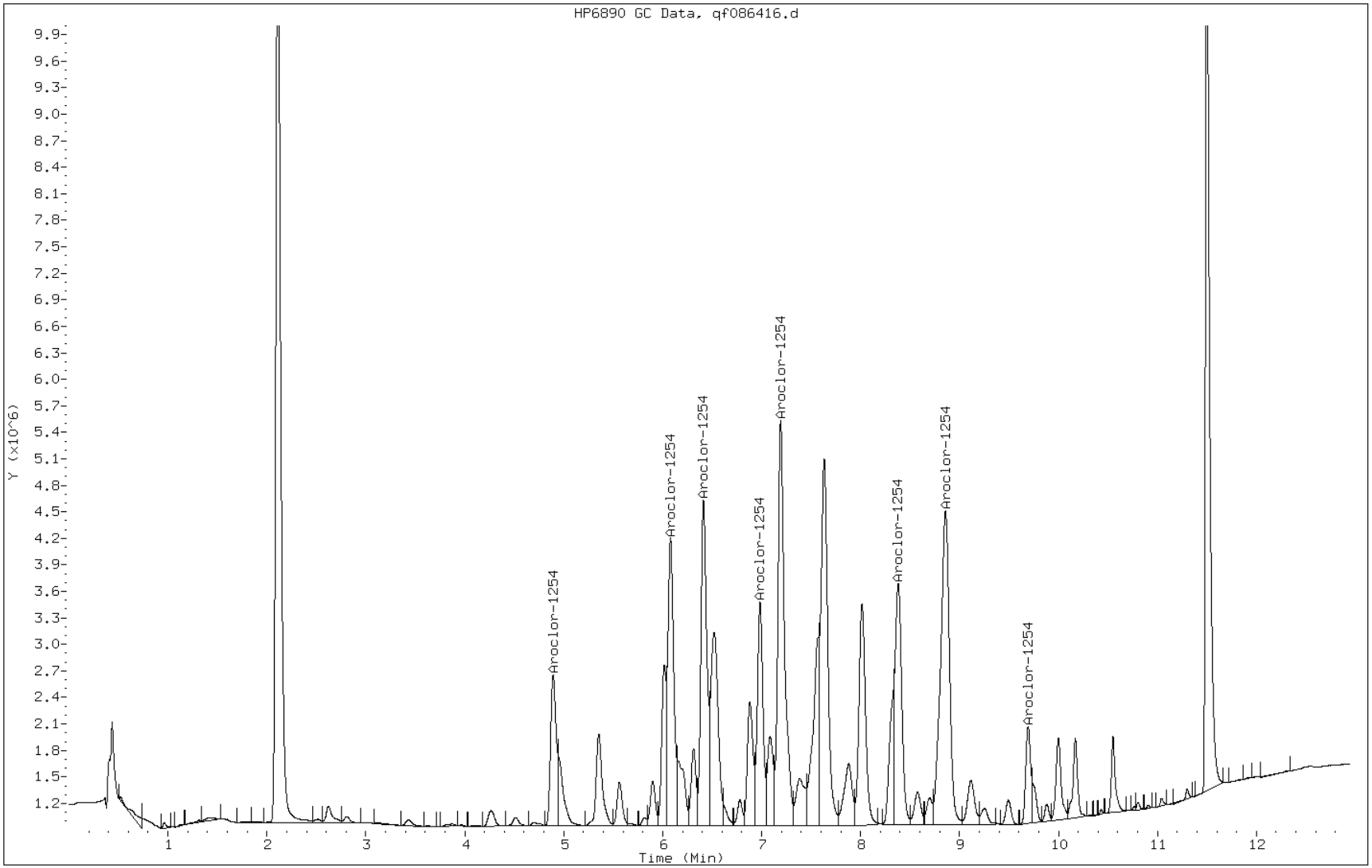
M - Compound response manually integrated.

Data File: qf086416.d

Date: 07-JUN-2012 04:33

Client ID: Instrument: PESTGC8.i

Sample Info: SG1254L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qr086416.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.641										4.571 - 4.711	4.641
PCB-1254 Peak 2	4.715										4.645 - 4.785	4.715
PCB-1254 Peak 3	5.085										5.015 - 5.155	5.085
PCB-1254 Peak 4	5.530										5.460 - 5.600	5.530
PCB-1254 Peak 5	5.733										5.663 - 5.803	5.733
PCB-1254 Peak 6	6.189										6.119 - 6.259	6.189
PCB-1254 Peak 7	6.492										6.422 - 6.562	6.492
PCB-1254 Peak 8	6.940										6.870 - 7.010	6.940

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qr086416.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	14311				Ave		14310.5660						20.0			
PCB-1254 Peak 2	15397				Ave		15397.1630						20.0			
PCB-1254 Peak 3	20674				Ave		20674.2150						20.0			
PCB-1254 Peak 4	15475				Ave		15475.2370						20.0			
PCB-1254 Peak 5	28244				Ave		28243.5940						20.0			
PCB-1254 Peak 6	25625				Ave		25624.9780						20.0			
PCB-1254 Peak 7	21322				Ave		21321.5720						20.0			
PCB-1254 Peak 8	28346				Ave		28345.8900						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:33 Calibration End Date: 06/07/2012 04:33 Calibration ID: 15937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/13	qr086416.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	14310566					1000				
PCB-1254 Peak 2	Ave	15397163					1000				
PCB-1254 Peak 3	Ave	20674215					1000				
PCB-1254 Peak 4	Ave	15475237					1000				
PCB-1254 Peak 5	Ave	28243594					1000				
PCB-1254 Peak 6	Ave	25624978					1000				
PCB-1254 Peak 7	Ave	21321572					1000				
PCB-1254 Peak 8	Ave	28345890					1000				

Curve Type Legend:

Ave = Average

Data File: qr086416.d
Report Date: 07-Jun-2012 13:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086416.d
Lab Smp Id: SG1254L3_00013
Inj Date : 07-JUN-2012 04:33
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
4.641	4.745	-0.104	14310566	1000.00	1000	0.00-	0.00	100.00(M)
4.715	1.000	3.715	15397163	1000.00	1000	0.00-	0.00	107.59
5.085	5.188	-0.103	20674215	1000.00	1000	0.00-	0.00	144.47
5.530	5.613	-0.083	15475237	1000.00	1000	0.00-	0.00	108.14
5.733	5.828	-0.095	28243594	1000.00	1000	0.00-	0.00	197.36
6.189	6.281	-0.092	25624978	1000.00	1000	0.00-	0.00	179.06
6.492	6.583	-0.091	21321572	1000.00	1000	0.00-	0.00	148.99
6.940	7.027	-0.087	28345890	1000.00	1000	0.00-	0.00	198.08
Average of Peak Amounts =					1e+03			

Data File: qr086416.d
Report Date: 07-Jun-2012 13:31

QC Flag Legend

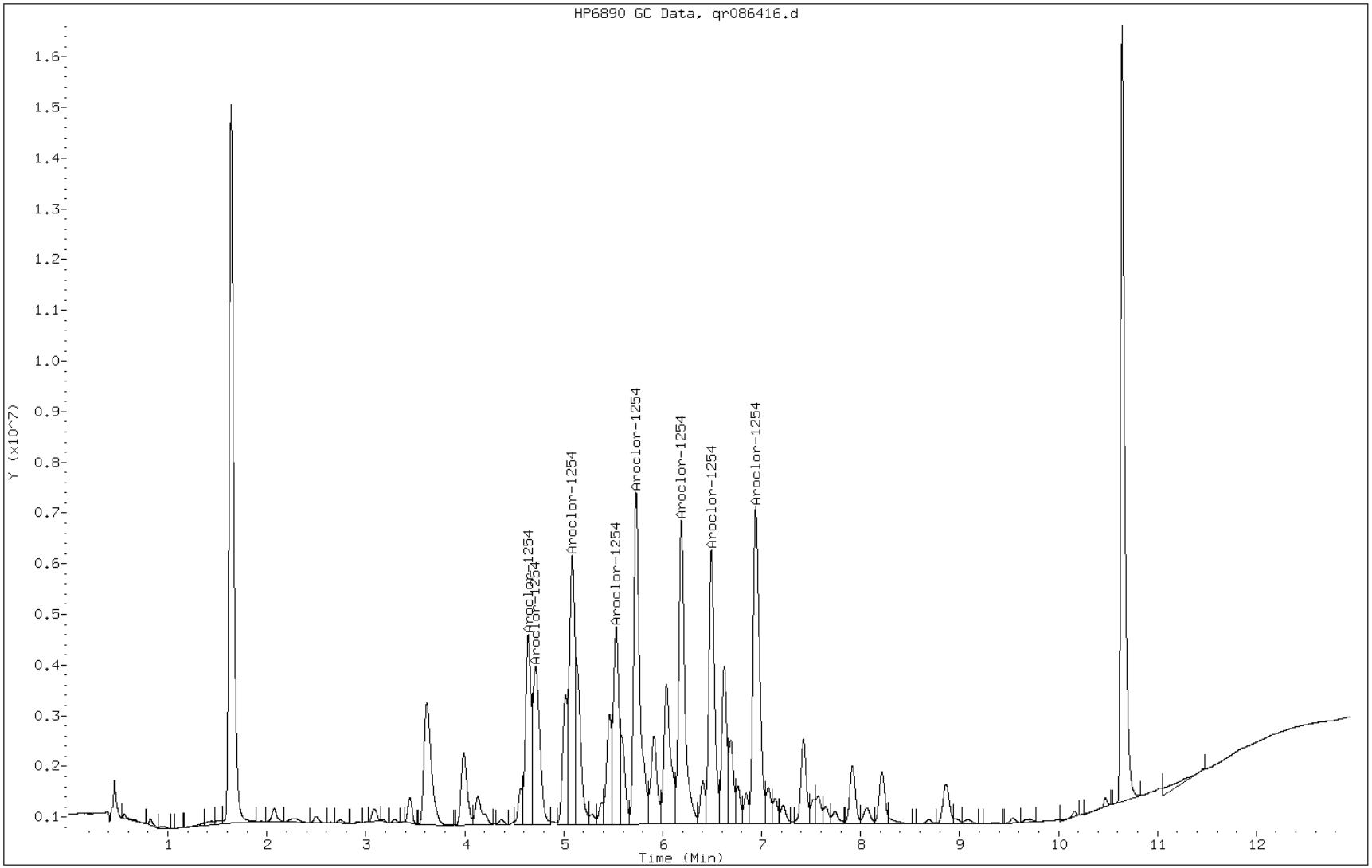
M - Compound response manually integrated.

Data File: qr086416.d

Date: 07-JUN-2012 04:33

Client ID: Instrument: PESTGC8.i

Sample Info: SG1254L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qf086417.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.589										7.519 - 7.659	7.589
PCB-1262 Peak 2	8.037										7.967 - 8.107	8.037
PCB-1262 Peak 3	9.135										9.065 - 9.205	9.135
PCB-1262 Peak 4	9.776										9.706 - 9.846	9.776
PCB-1262 Peak 5	10.556										10.486 - 10.626	10.556
PCB-1262 Peak 6	10.592										10.522 - 10.662	10.592
PCB-1262 Peak 7	11.048										10.978 - 11.118	11.048
PCB-1262 Peak 8	11.305										11.235 - 11.375	11.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qf086417.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	13701				Ave		13700.9127						20.0			
PCB-1262 Peak 2	19101				Ave		19100.6901						20.0			
PCB-1262 Peak 3	28389				Ave		28388.8342						20.0			
PCB-1262 Peak 4	16936				Ave		16936.3356						20.0			
PCB-1262 Peak 5	19740				Ave		19739.8164						20.0			
PCB-1262 Peak 6	17647				Ave		17646.5038						20.0			
PCB-1262 Peak 7	11275				Ave		11275.4111						20.0			
PCB-1262 Peak 8	2878.3				Ave		2878.33400						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qf086417.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	13700912					1000				
PCB-1262 Peak 2	Ave	19100690					1000				
PCB-1262 Peak 3	Ave	28388834					1000				
PCB-1262 Peak 4	Ave	16936335					1000				
PCB-1262 Peak 5	Ave	19739816					1000				
PCB-1262 Peak 6	Ave	17646503					1000				
PCB-1262 Peak 7	Ave	11275411					1000				
PCB-1262 Peak 8	Ave	2878333					1000				

Curve Type Legend:

Ave = Average

Data File: qf086417.d
Report Date: 07-Jun-2012 14:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086417.d
Lab Smp Id: SG1262L3_00012
Inj Date : 07-JUN-2012 04:50
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 07-Jun-2012 13:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
7.589	7.642	-0.053	13700912	1000.00	1000	0.00-	0.00	100.00(M)
8.037	8.091	-0.054	19100690	1000.00	1000	0.00-	0.00	139.41
9.135	9.197	-0.062	28388834	1000.00	1000	0.00-	0.00	207.20
9.776	9.813	-0.037	16936335	1000.00	1000	0.00-	0.00	123.61
10.556	10.570	-0.014	19739816	1000.00	1000	0.00-	0.00	144.08
10.592	10.609	-0.017	17646503	1000.00	1000	0.00-	0.00	128.80
11.048	11.056	-0.008	11275411	1000.00	1000	0.00-	0.00	82.30
11.305	11.309	-0.004	2878333	1000.00	1000	0.00-	0.00	21.01
Average of Peak Amounts =					1e+03			

Data File: qf086417.d
Report Date: 07-Jun-2012 14:19

QC Flag Legend

M - Compound response manually integrated.

Data File: qf086417.d

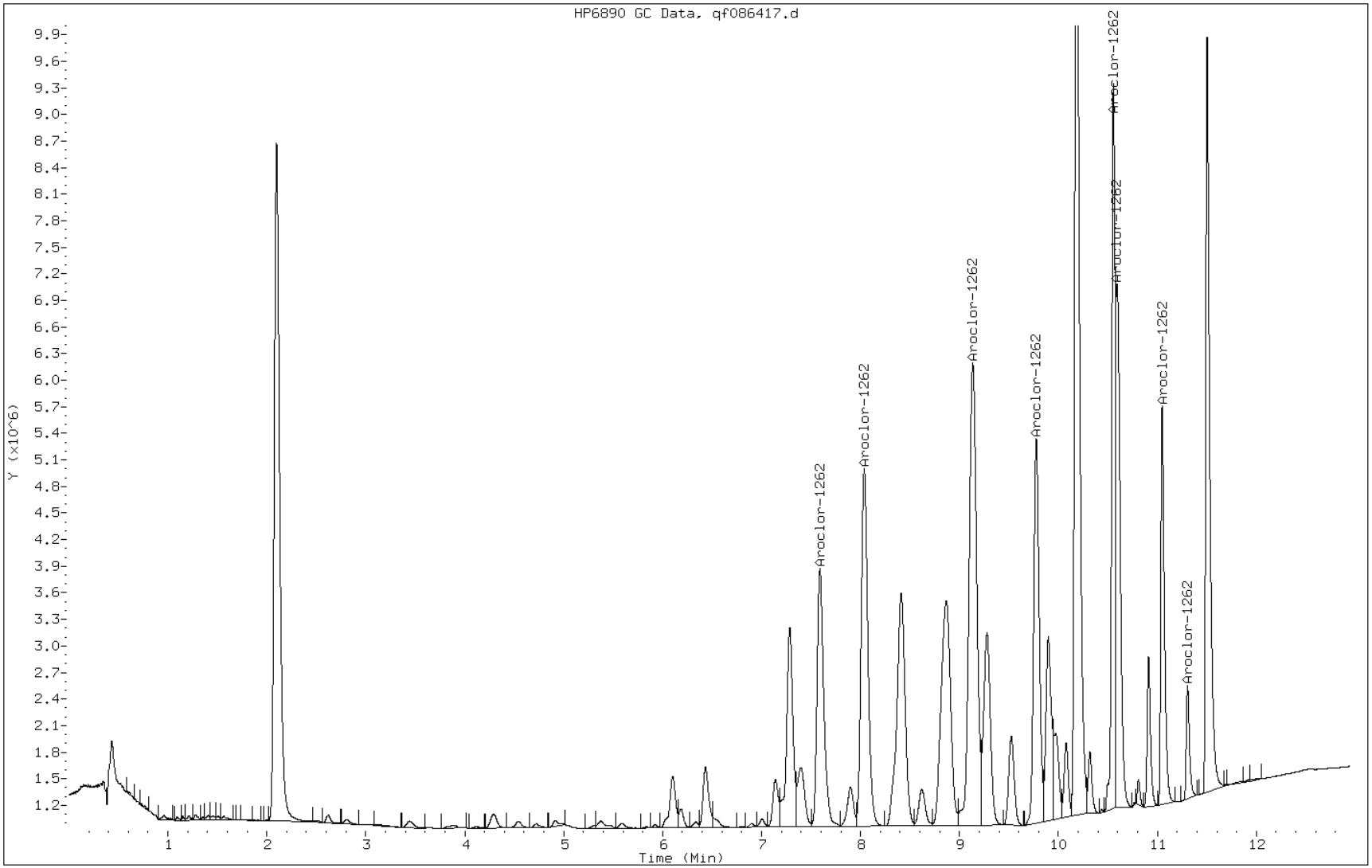
Date: 07-JUN-2012 04:50

Client ID:

Instrument: PESTGC8.i

Sample Info: SG1262L3_00012

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qr086417.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.825										5.755 - 5.895	5.825
PCB-1262 Peak 2	6.052										5.982 - 6.122	6.052
PCB-1262 Peak 3	6.951										6.881 - 7.021	6.951
PCB-1262 Peak 4	7.154										7.084 - 7.224	7.154
PCB-1262 Peak 5	7.591										7.521 - 7.661	7.591
PCB-1262 Peak 6	8.881										8.811 - 8.951	8.881
PCB-1262 Peak 7	9.102										9.032 - 9.172	9.102
PCB-1262 Peak 8	10.170										10.100 - 10.240	10.170

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qr086417.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	12977				Ave		12976.7840						20.0			
PCB-1262 Peak 2	17550				Ave		17550.2990						20.0			
PCB-1262 Peak 3	13700				Ave		13700.3350						20.0			
PCB-1262 Peak 4	33433				Ave		33433.0350						20.0			
PCB-1262 Peak 5	23318				Ave		23318.2870						20.0			
PCB-1262 Peak 6	17989				Ave		17988.8990						20.0			
PCB-1262 Peak 7	25506				Ave		25506.0680						20.0			
PCB-1262 Peak 8	18229				Ave		18229.4740						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 04:50 Calibration End Date: 06/07/2012 04:50 Calibration ID: 15939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/14	qr086417.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	12976784					1000				
PCB-1262 Peak 2	Ave	17550299					1000				
PCB-1262 Peak 3	Ave	13700335					1000				
PCB-1262 Peak 4	Ave	33433035					1000				
PCB-1262 Peak 5	Ave	23318287					1000				
PCB-1262 Peak 6	Ave	17988899					1000				
PCB-1262 Peak 7	Ave	25506068					1000				
PCB-1262 Peak 8	Ave	18229474					1000				

Curve Type Legend:

Ave = Average

Data File: qr086417.d
Report Date: 07-Jun-2012 13:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086417.d
Lab Smp Id: SG1262L3_00012
Inj Date : 07-JUN-2012 04:50
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
5.825	5.906	-0.081	12976784	1000.00	1000	0.00-	0.00	100.00(M)
6.052	6.130	-0.078	17550299	1000.00	1000	0.00-	0.00	135.24
6.951	7.027	-0.076	13700335	1000.00	1000	0.00-	0.00	105.58
7.154	7.231	-0.077	33433035	1000.00	1000	0.00-	0.00	257.64
7.591	7.672	-0.081	23318287	1000.00	1000	0.00-	0.00	179.69
8.881	8.978	-0.097	17988899	1000.00	1000	0.00-	0.00	138.62
9.102	9.206	-0.104	25506068	1000.00	1000	0.00-	0.00	196.55
10.170	10.214	-0.044	18229474	1000.00	1000	0.00-	0.00	140.48
Average of Peak Amounts =					1e+03			

Data File: qr086417.d
Report Date: 07-Jun-2012 13:33

QC Flag Legend

M - Compound response manually integrated.

Data File: qr086417.d

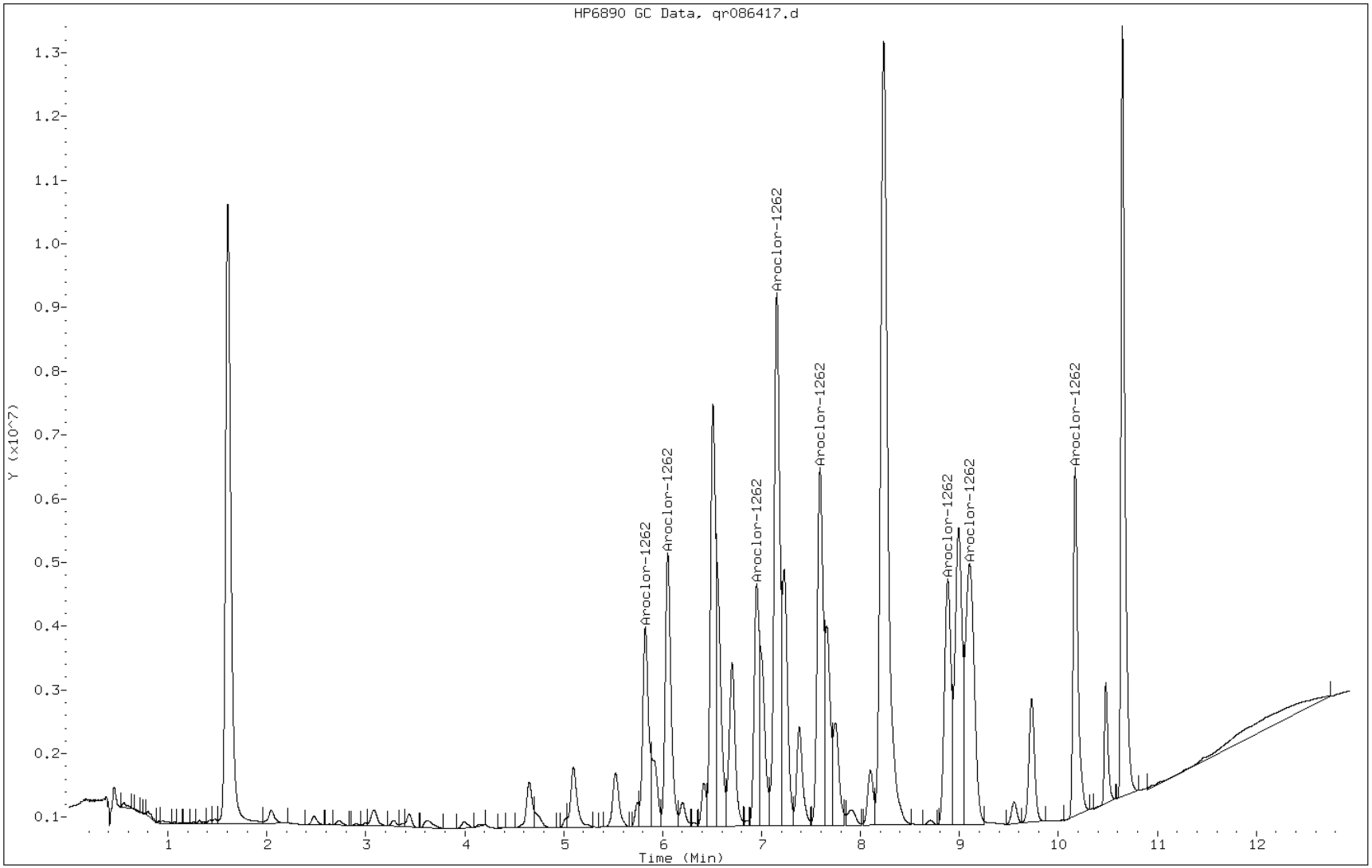
Date: 07-JUN-2012 04:50

Client ID:

Instrument: PESTGC8.i

Sample Info: SG1262L3_00012

Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qf086418.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.116										9.046 - 9.186	9.116
PCB-1268 Peak 2	9.771										9.701 - 9.841	9.771
PCB-1268 Peak 3	10.550										10.480 - 10.620	10.550
PCB-1268 Peak 4	10.587										10.517 - 10.657	10.587
PCB-1268 Peak 5	10.807										10.737 - 10.877	10.807
PCB-1268 Peak 6	10.889										10.819 - 10.959	10.889
PCB-1268 Peak 7	11.044										10.974 - 11.114	11.044
PCB-1268 Peak 8	11.302										11.232 - 11.372	11.302

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qf086418.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	10533				Ave		10533.1190						20.0			
PCB-1268 Peak 2	13422				Ave		13422.0800						20.0			
PCB-1268 Peak 3	31096				Ave		31096.0730						20.0			
PCB-1268 Peak 4	51136				Ave		51136.3840						20.0			
PCB-1268 Peak 5	31479				Ave		31478.5180						20.0			
PCB-1268 Peak 6	9966.4				Ave		9966.37200						20.0			
PCB-1268 Peak 7	13159				Ave		13158.9060						20.0			
PCB-1268 Peak 8	86669				Ave		86668.9470						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qf086418.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	10533119					1000				
PCB-1268 Peak 2	Ave	13422080					1000				
PCB-1268 Peak 3	Ave	31096073					1000				
PCB-1268 Peak 4	Ave	51136384					1000				
PCB-1268 Peak 5	Ave	31478518					1000				
PCB-1268 Peak 6	Ave	9966372					1000				
PCB-1268 Peak 7	Ave	13158906					1000				
PCB-1268 Peak 8	Ave	86668947					1000				

Curve Type Legend:

Ave = Average

Data File: qf086418.d
Report Date: 08-Jun-2012 15:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/qf086418.d
Lab Smp Id: SG1268L3_00013
Inj Date : 07-JUN-2012 05:05
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-07-12ical/07jun12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : Cal File:
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			
9.116	9.116	0.000	10533119	1000.00	1000	80.00-	120.00	100.00(M)
9.771	9.771	0.000	13422080	1000.00	1000	101.94-	152.91	127.43
10.550	10.550	0.000	31096073	1000.00	1000	236.18-	354.27	295.22
10.587	10.587	0.000	51136384	1000.00	1000	388.39-	582.58	485.48
10.807	10.807	0.000	31478518	1000.00	1000	239.08-	358.62	298.85
10.889	10.889	0.000	9966372	1000.00	1000	75.70-	113.54	94.62
11.044	11.044	0.000	13158906	1000.00	1000	99.94-	149.91	124.93
11.302	11.302	0.000	86668947	1000.00	1000	658.26-	987.39	822.82
Average of Peak Amounts =					1e+03			

Data File: qf086418.d
Report Date: 08-Jun-2012 15:57

QC Flag Legend

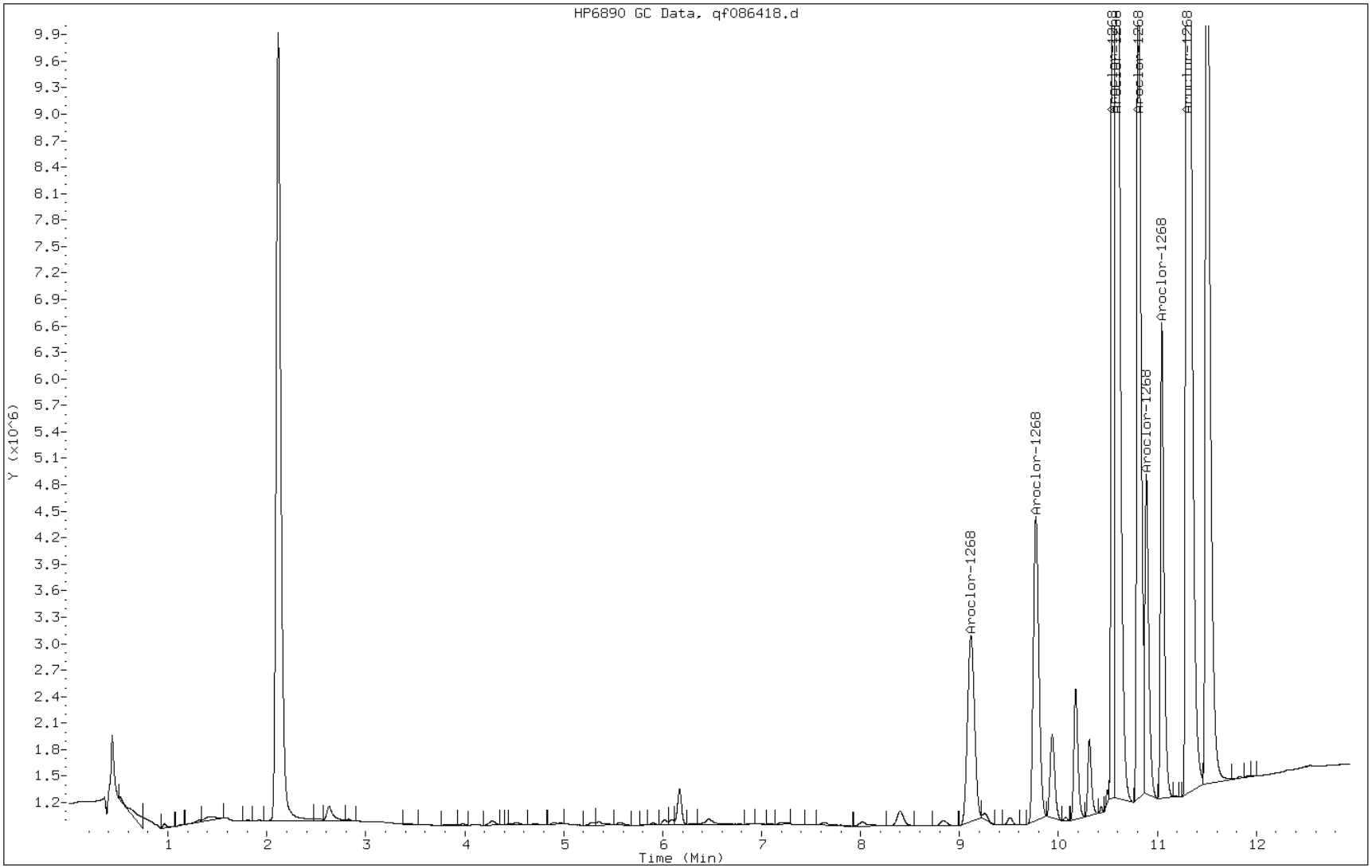
M - Compound response manually integrated.

Data File: qf086418.d

Date: 07-JUN-2012 05:05

Client ID: Instrument: PESTGC8.i

Sample Info: SG1268L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qr086418.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.146										7.076 - 7.216	7.146
PCB-1268 Peak 2	7.576										7.506 - 7.646	7.576
PCB-1268 Peak 3	8.984										8.914 - 9.054	8.984
PCB-1268 Peak 4	9.081										9.011 - 9.151	9.081
PCB-1268 Peak 5	9.549										9.479 - 9.619	9.549
PCB-1268 Peak 6	9.715										9.645 - 9.785	9.715
PCB-1268 Peak 7	10.165										10.095 - 10.235	10.165
PCB-1268 Peak 8	10.477										10.407 - 10.547	10.477

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qr086418.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	14843				Ave		14842.9183						20.0			
PCB-1268 Peak 2	19257				Ave		19256.9803						20.0			
PCB-1268 Peak 3	70601				Ave		70600.9751						20.0			
PCB-1268 Peak 4	69149				Ave		69149.2576						20.0			
PCB-1268 Peak 5	55216				Ave		55215.7156						20.0			
PCB-1268 Peak 6	15191				Ave		15191.3233						20.0			
PCB-1268 Peak 7	21334				Ave		21333.9586						20.0			
PCB-1268 Peak 8	119121				Ave		119120.997						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.: 460-41492-1 Analy Batch No.: 115275

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2012 05:05 Calibration End Date: 06/07/2012 05:05 Calibration ID: 15941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-115275/15	qr086418.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	14842918					1000				
PCB-1268 Peak 2	Ave	19256980					1000				
PCB-1268 Peak 3	Ave	70600975					1000				
PCB-1268 Peak 4	Ave	69149257					1000				
PCB-1268 Peak 5	Ave	55215715					1000				
PCB-1268 Peak 6	Ave	15191323					1000				
PCB-1268 Peak 7	Ave	21333958					1000				
PCB-1268 Peak 8	Ave	119120996					1000				

Curve Type Legend:

Ave = Average

Data File: qr086418.d
Report Date: 07-Jun-2012 13:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/qr086418.d
Lab Smp Id: SG1268L3_00013
Inj Date : 07-JUN-2012 05:05
Operator : 615 Inst ID: PESTGC8.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 13:18 selbyc Quant Type: ESTD
Cal Date : Cal File:
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	7.231	-0.085	14842918	1000.00	1000	0.00- 0.00	100.00(M)
7.576	7.672	-0.096	19256980	1000.00	1000	0.00- 0.00	129.74
8.984	9.087	-0.103	70600975	1000.00	1000	0.00- 0.00	475.65
9.081	9.206	-0.125	69149257	1000.00	1000	0.00- 0.00	465.87
9.549	9.626	-0.077	55215715	1000.00	1000	0.00- 0.00	372.00
9.715	9.793	-0.078	15191323	1000.00	1000	0.00- 0.00	102.35
10.165	10.214	-0.049	21333958	1000.00	1000	0.00- 0.00	143.73
10.477	10.509	-0.032	119120996	1000.00	1000	0.00- 0.00	802.54
Average of Peak Amounts =					1e+03		

Data File: qr086418.d
Report Date: 07-Jun-2012 13:33

QC Flag Legend

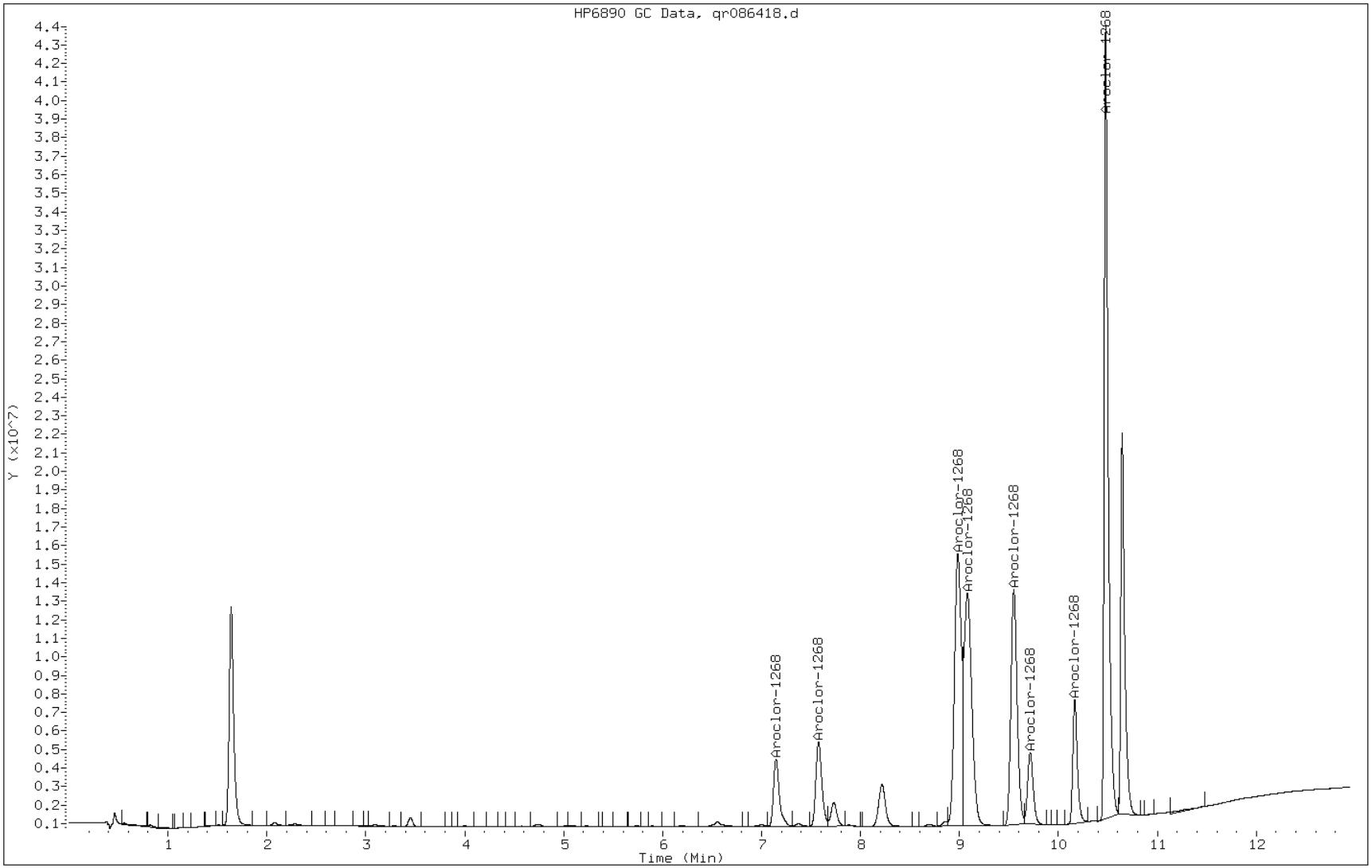
M - Compound response manually integrated.

Data File: qr086418.d

Date: 07-JUN-2012 05:05

Client ID: Instrument: PESTGC8.i

Sample Info: SG1268L3_00013 Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vf475159.d
Level 2	IC 460-116500/5	vf475160.d
Level 3	IC 460-116500/6	vf475161.d
Level 4	IC 460-116500/7	vf475162.d
Level 5	IC 460-116500/8	vf475163.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.842	2.841	2.841	2.839	2.844						2.771 - 2.911	2.841
PCB-1016 Peak 2	3.490	3.491	3.489	3.487	3.493						3.419 - 3.559	3.490
PCB-1016 Peak 3	3.934	3.932	3.931	3.929	3.934						3.861 - 4.001	3.932
PCB-1016 Peak 4	4.332	4.334	4.333	4.332	4.335						4.263 - 4.403	4.333
PCB-1016 Peak 5	4.579	4.580	4.578	4.577	4.580						4.508 - 4.648	4.579
PCB-1016 Peak 6	5.017	5.019	5.018	5.017	5.020						4.948 - 5.088	5.018
PCB-1016 Peak 7	5.406	5.408	5.407	5.405	5.408						5.337 - 5.477	5.407
PCB-1016 Peak 8	5.617	5.618	5.617	5.617	5.620						5.547 - 5.687	5.618
PCB-1260 Peak 1	7.601	7.601	7.599	7.598	7.600						7.529 - 7.669	7.600
PCB-1260 Peak 2	8.041	8.041	8.041	8.040	8.040						7.971 - 8.111	8.041
PCB-1260 Peak 3	8.863	8.863	8.862	8.862	8.863						8.792 - 8.932	8.862
PCB-1260 Peak 4	9.116	9.116	9.114	9.115	9.115						9.044 - 9.184	9.115
PCB-1260 Peak 5	9.258	9.259	9.258	9.257	9.259						9.188 - 9.328	9.258
PCB-1260 Peak 6	9.767	9.768	9.766	9.766	9.766						9.696 - 9.836	9.767
PCB-1260 Peak 7	10.567	10.567	10.568	10.567	10.567						10.498 - 10.638	10.567
PCB-1260 Peak 8	11.059	11.061	11.061	11.060	11.061						10.991 - 11.131	11.061
DCB Decachlorobiphenyl	11.507	11.511	11.508	11.507	11.509						11.408 - 11.608	11.508

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vf475159.d
Level 2	IC 460-116500/5	vf475160.d
Level 3	IC 460-116500/6	vf475161.d
Level 4	IC 460-116500/7	vf475162.d
Level 5	IC 460-116500/8	vf475163.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	9702.7 7764.5	9051.7	8566.2	8247.0	Ave		8666.40681				8.6		20.0			
PCB-1016 Peak 2	21420 16218	19571	18528	17031	Ave		18553.5943				11.1		20.0			
PCB-1016 Peak 3	8615.3 6950.0	7780.8	7691.3	7384.8	Ave		7684.43064				8.0		20.0			
PCB-1016 Peak 4	39011 30180	36079	33958	31711	Ave		34187.5489				10.2		20.0			
PCB-1016 Peak 5	16761 13186	15826	14841	13910	Ave		14904.7274				9.6		20.0			
PCB-1016 Peak 6	11211 8076.0	10703	9916.1	9443.3	Ave		9869.95089				12.3		20.0			
PCB-1016 Peak 7	12534 9573.9	11383	10531	9774.7	Ave		10759.3082				11.3		20.0			
PCB-1016 Peak 8	10939 10608	11032	10699	10344	Ave		10724.4529				2.6		20.0			
PCB-1260 Peak 1	28665 21382	24747	23900	22179	Ave		24174.6544				11.8		20.0			
PCB-1260 Peak 2	34053 24664	28516	27325	25574	Ave		28026.4436				13.2		20.0			
PCB-1260 Peak 3	45284 36156	39054	38809	36788	Ave		39218.3702				9.2		20.0			
PCB-1260 Peak 4	22668 16962	19128	18698	17532	Ave		18997.5132				11.7		20.0			
PCB-1260 Peak 5	12747 9737.9	10097	10134	9736.0	Ave		10490.3691				12.2		20.0			
PCB-1260 Peak 6	18892 16502	17976	17811	16800	Ave		17596.2643				5.5		20.0			
PCB-1260 Peak 7	22681 19927	20270	20227	19304	Ave		20481.8706				6.3		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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16064

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	7304.5 7439.0	7035.3	7355.4	7222.2	Ave		7271.29412				2.1		20.0			
DCB Decachlorobiphenyl	309783 286842	315653	299875	273554	Ave		297141.325				5.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vf475159.d
Level 2	IC 460-116500/5	vf475160.d
Level 3	IC 460-116500/6	vf475161.d
Level 4	IC 460-116500/7	vf475162.d
Level 5	IC 460-116500/8	vf475163.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	970270	4525854	8566191	12370444	19411181	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2141988	9785327	18528307	25546123	40545955	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	861533	3890386	7691266	11077179	17374998	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3901051	18039434	33957637	47566837	75448762	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1676111	7912900	14841118	20865060	32963923	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1121147	5351412	9916103	14164990	20190077	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1253355	5691504	10531380	14662123	23934636	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1093920	5516215	10699066	15515429	26519873	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2866521	12373530	23899887	33268934	53454564	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3405307	14257999	27325383	38361282	61658948	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4528412	19527111	38809011	55182595	90390253	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2266770	9564128	18698240	26297681	42403957	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1274659	5048582	10134253	14603962	24344659	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1889211	8988142	17810885	25200630	41254056	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2268106	10135030	20226572	28956678	49818023	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	730452	3517639	7355435	10833351	18597509	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	7744586	15782640	29987479	41033103	57368315	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: vf475159.d
Report Date: 18-Jun-2012 11:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475159.d
Lab Smp Id: SG1660L1_00012
Inj Date : 17-JUN-2012 13:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:41 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 79 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		
2.842	2.841	0.001	970270	100.000	110	80.00- 120.00	100.00(M)
3.490	3.489	0.001	2141988	100.000	110	173.04- 259.55	220.76
3.934	3.931	0.003	861533	100.000	100	71.83- 107.74	88.79
4.332	4.333	-0.001	3901051	100.000	110	317.13- 475.70	402.06
4.579	4.578	0.001	1676111	100.000	110	138.60- 207.90	172.75
5.017	5.018	-0.001	1121147	100.000	110	92.61- 138.91	115.55
5.406	5.407	-0.001	1253355	100.000	110	98.35- 147.53	129.18
5.617	5.617	0.000	1093920	100.000	100	99.92- 149.88	112.74
Average of Peak Amounts =					106		
27 Aroclor-1260					CAS #: 11096-82-5		
7.601	7.599	0.002	2866521	100.000	110	80.00- 120.00	100.00(M)

Data File: vf475159.d
Report Date: 18-Jun-2012 11:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.041	8.041	0.000	3405307	100.000	110	91.47- 137.20	118.80
8.863	8.862	0.001	4528412	100.000	110	129.91- 194.86	157.98
9.116	9.114	0.002	2266770	100.000	110	62.59- 93.88	79.08
9.258	9.258	0.000	1274659	100.000	110	33.92- 50.88	44.47
9.767	9.766	0.001	1889211	100.000	100	59.62- 89.43	65.91
10.567	10.568	-0.001	2268106	100.000	100	67.70- 101.56	79.12
11.059	11.061	-0.002	730452	100.000	100	24.62- 36.93	25.48
		Average of Peak Amounts =			107		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.507	11.508	-0.001	7744586	25.0000	25	80.00- 120.00	100.00

QC Flag Legend

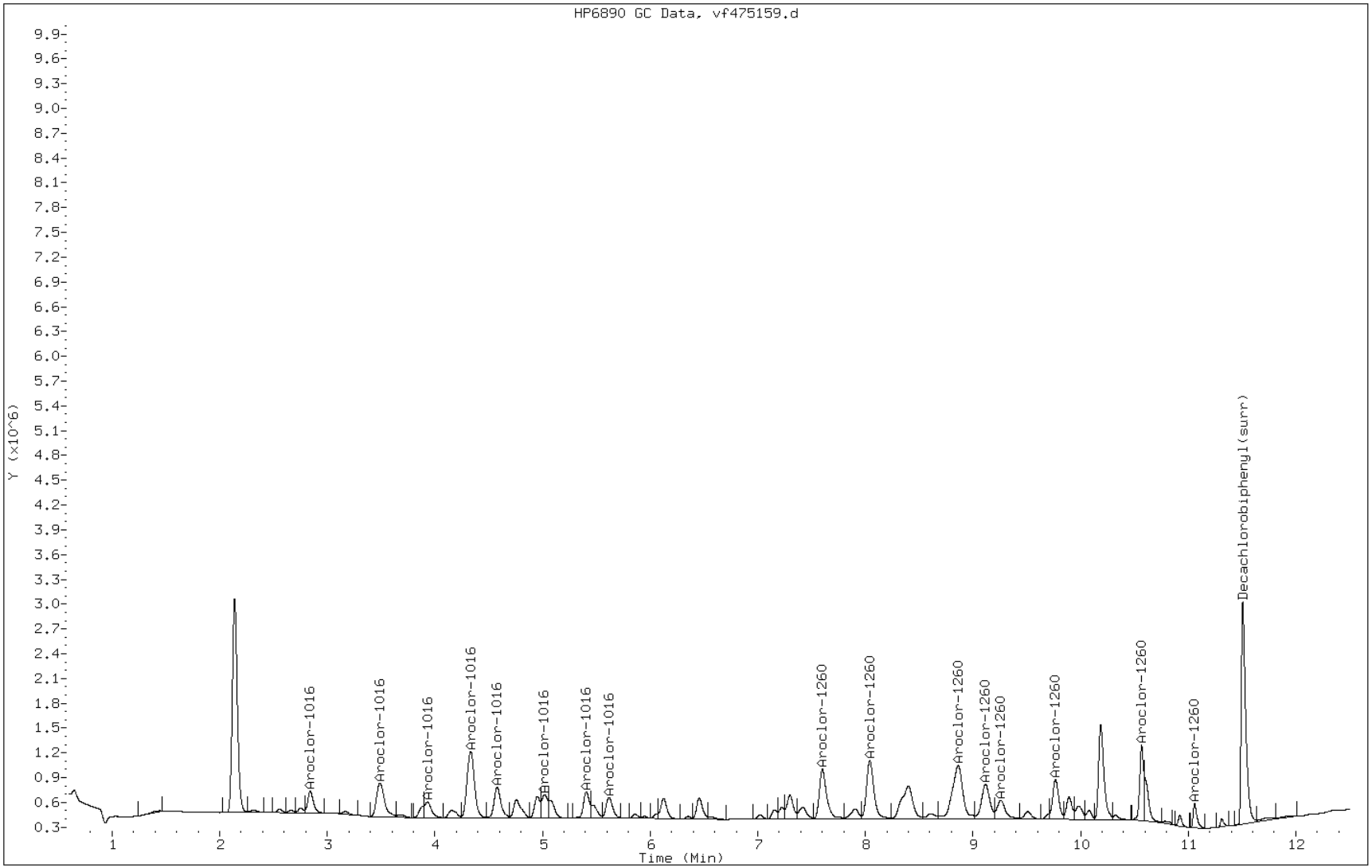
M - Compound response manually integrated.

Data File: vf475159.d

Date: 17-JUN-2012 13:30

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L1_00012 Operator: 615



Data File: vf475160.d
Report Date: 18-Jun-2012 11:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475160.d
Lab Smp Id: SG1660L2_00012
Inj Date : 17-JUN-2012 13:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:41 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 80 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)	ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.841	2.841	0.000	4525854	500.000	500	80.00- 120.00	100.00(M)
3.491	3.489	0.002	9785327	500.000	490	176.61- 264.91	216.21
3.932	3.931	0.001	3890386	500.000	480	71.03- 106.55	85.96
4.334	4.333	0.001	18039434	500.000	500	321.65- 482.47	398.59
4.580	4.578	0.002	7912900	500.000	500	138.20- 207.30	174.84
5.019	5.018	0.001	5351412	500.000	500	92.44- 138.66	118.24
5.408	5.407	0.001	5691504	500.000	500	103.34- 155.01	125.76
5.618	5.617	0.001	5516215	500.000	510	90.20- 135.29	121.88
Average of Peak Amounts =					497		
27 Aroclor-1260					CAS #: 11096-82-5		
7.601	7.599	0.002	12373530	500.000	480	80.00- 120.00	100.00(M)

Data File: vf475160.d
Report Date: 18-Jun-2012 11:52

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.041	8.041	0.000	14257999	500.000	480	95.04- 142.55	115.23
8.863	8.862	0.001	19527111	500.000	480	126.38- 189.57	157.81
9.116	9.114	0.002	9564128	500.000	470	63.26- 94.89	77.30
9.259	9.258	0.001	5048582	500.000	460	35.57- 53.36	40.80
9.768	9.766	0.002	8988142	500.000	490	52.72- 79.09	72.64
10.567	10.568	-0.001	10135030	500.000	480	63.30- 94.95	81.91
11.061	11.061	0.000	3517639	500.000	490	20.39- 30.58	28.43
		Average of Peak Amounts =			478		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.511	11.508	0.003	15782640	50.0000	51	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475160.d

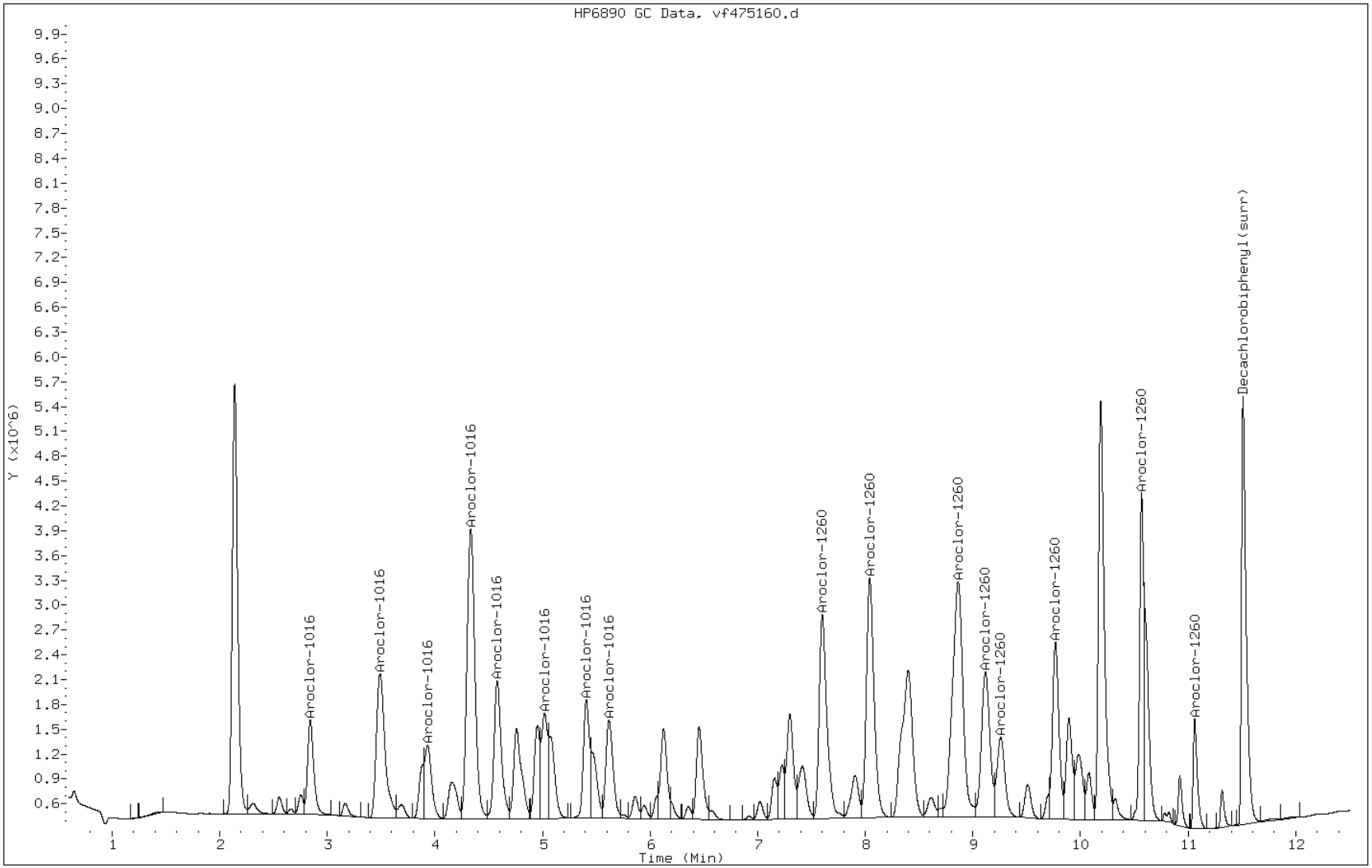
Date: 17-JUN-2012 13:46

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1660L2_00012

Operator: 615



Data File: vf475161.d
Report Date: 18-Jun-2012 11:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475161.d
Lab Smp Id: SG1660L3_00017
Inj Date : 17-JUN-2012 14:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:41 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 81 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

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.841	2.847	-0.006	8566191	1000.00	1000	0.00- 0.00	100.00(M)
3.489	3.497	-0.008	18528307	1000.00	1000	0.00- 0.00	216.30
3.931	3.939	-0.008	7691266	1000.00	1000	0.00- 0.00	89.79
4.333	4.341	-0.008	33957637	1000.00	1000	0.00- 0.00	396.41
4.578	4.587	-0.009	14841118	1000.00	1000	0.00- 0.00	173.25
5.018	5.027	-0.009	9916103	1000.00	1000	0.00- 0.00	115.76
5.407	5.415	-0.008	10531380	1000.00	1000	0.00- 0.00	122.94
5.617	5.625	-0.008	10699066	1000.00	1000	0.00- 0.00	124.90
Average of Peak Amounts =					1e+03		
27 Aroclor-1260					CAS #: 11096-82-5		
7.599	7.607	-0.008	23899887	1000.00	1000	0.00- 0.00	100.00(M)

Data File: vf475161.d
Report Date: 18-Jun-2012 11:45

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
27 Aroclor-1260 (continued)								
8.041	8.048	-0.007	27325383	1000.00	1000	0.00-	0.00	114.33
8.862	8.872	-0.010	38809011	1000.00	1000	0.00-	0.00	162.38
9.114	9.126	-0.012	18698240	1000.00	1000	0.00-	0.00	78.24
9.258	9.268	-0.010	10134253	1000.00	1000	0.00-	0.00	42.40
9.766	9.778	-0.012	17810885	1000.00	1000	0.00-	0.00	74.52
10.568	10.575	-0.007	20226572	1000.00	1000	0.00-	0.00	84.63
11.061	11.067	-0.006	7355435	1000.00	1000	0.00-	0.00	30.78
Average of Peak Amounts =					1e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.508	11.517	-0.009	29987479	100.000	100	0.00-	0.00	100.00

QC Flag Legend

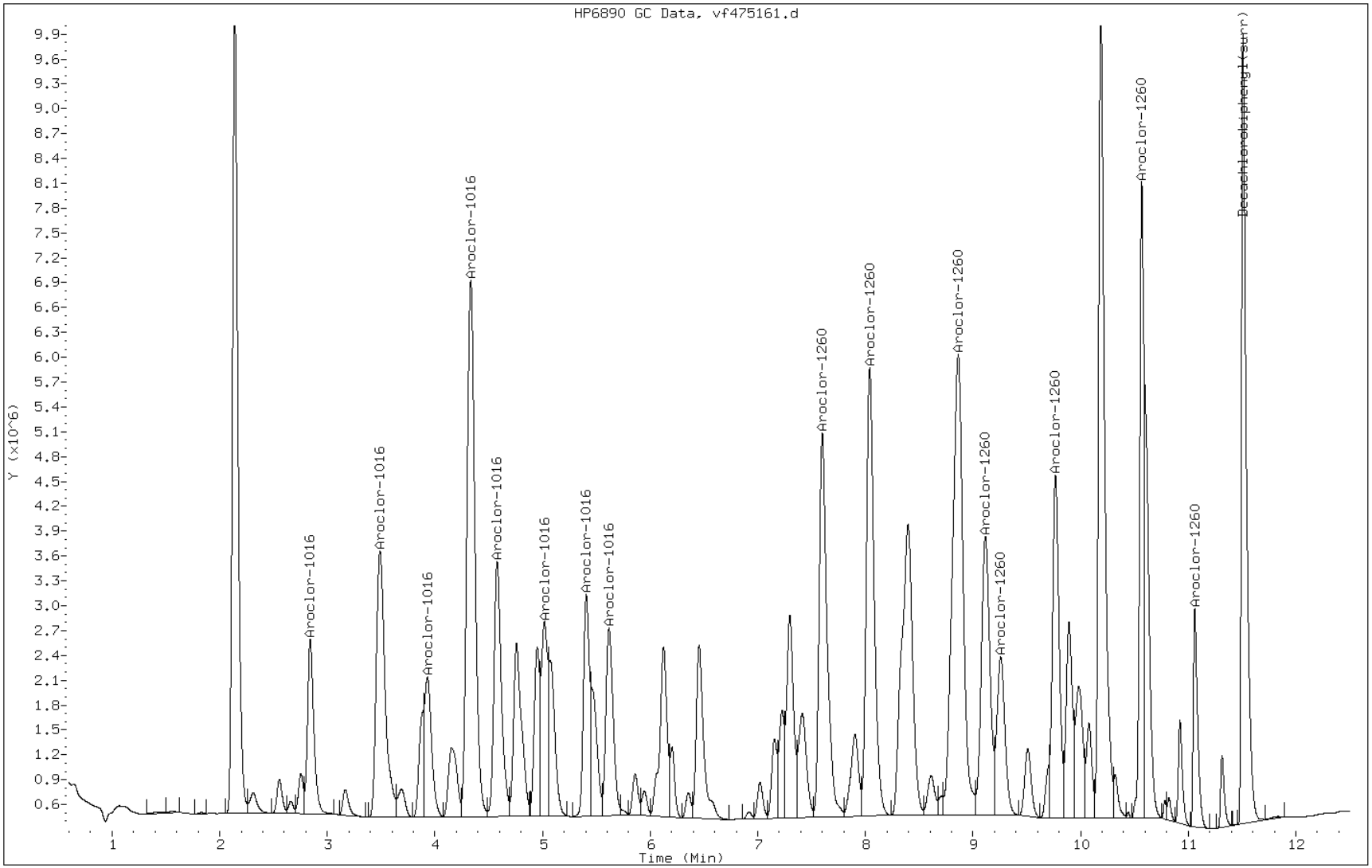
M - Compound response manually integrated.

Data File: vf475161.d

Date: 17-JUN-2012 14:02

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00017 Operator: 615



Data File: vf475162.d
Report Date: 18-Jun-2012 11:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475162.d
Lab Smp Id: SG1660L4_00012
Inj Date : 17-JUN-2012 14:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:41 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 82 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		
2.839	2.841	-0.002	12370444	1500.00	1400	80.00- 120.00	100.00(M)
3.487	3.489	-0.002	25546123	1500.00	1300	172.97- 259.45	206.51
3.929	3.931	-0.002	11077179	1500.00	1400	68.77- 103.15	89.55
4.332	4.333	-0.001	47566837	1500.00	1400	318.87- 478.30	384.52
4.577	4.578	-0.001	20865060	1500.00	1400	139.87- 209.81	168.67
5.017	5.018	-0.001	14164990	1500.00	1400	94.59- 141.89	114.51
5.405	5.407	-0.002	14662123	1500.00	1300	100.60- 150.91	118.53
5.617	5.617	0.000	15515429	1500.00	1400	97.51- 146.26	125.42
Average of Peak Amounts = 1.37e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.598	7.599	-0.001	33268934	1500.00	1300	80.00- 120.00	100.00(M)

Data File: vf475162.d
Report Date: 18-Jun-2012 11:55

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.040	8.041	-0.001	38361282	1500.00	1300	92.18- 138.28	115.31
8.862	8.862	0.000	55182595	1500.00	1400	126.25- 189.38	165.87
9.115	9.114	0.001	26297681	1500.00	1300	61.84- 92.75	79.05
9.257	9.258	-0.001	14603962	1500.00	1400	32.64- 48.96	43.90
9.766	9.766	0.000	25200630	1500.00	1400	58.11- 87.17	75.75
10.567	10.568	-0.001	28956678	1500.00	1400	65.53- 98.29	87.04
11.060	11.061	-0.001	10833351	1500.00	1500	22.74- 34.11	32.56
Average of Peak Amounts =				1.38e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.507	11.508	-0.001	41033103	150.000	140	80.00- 120.00	100.00

QC Flag Legend

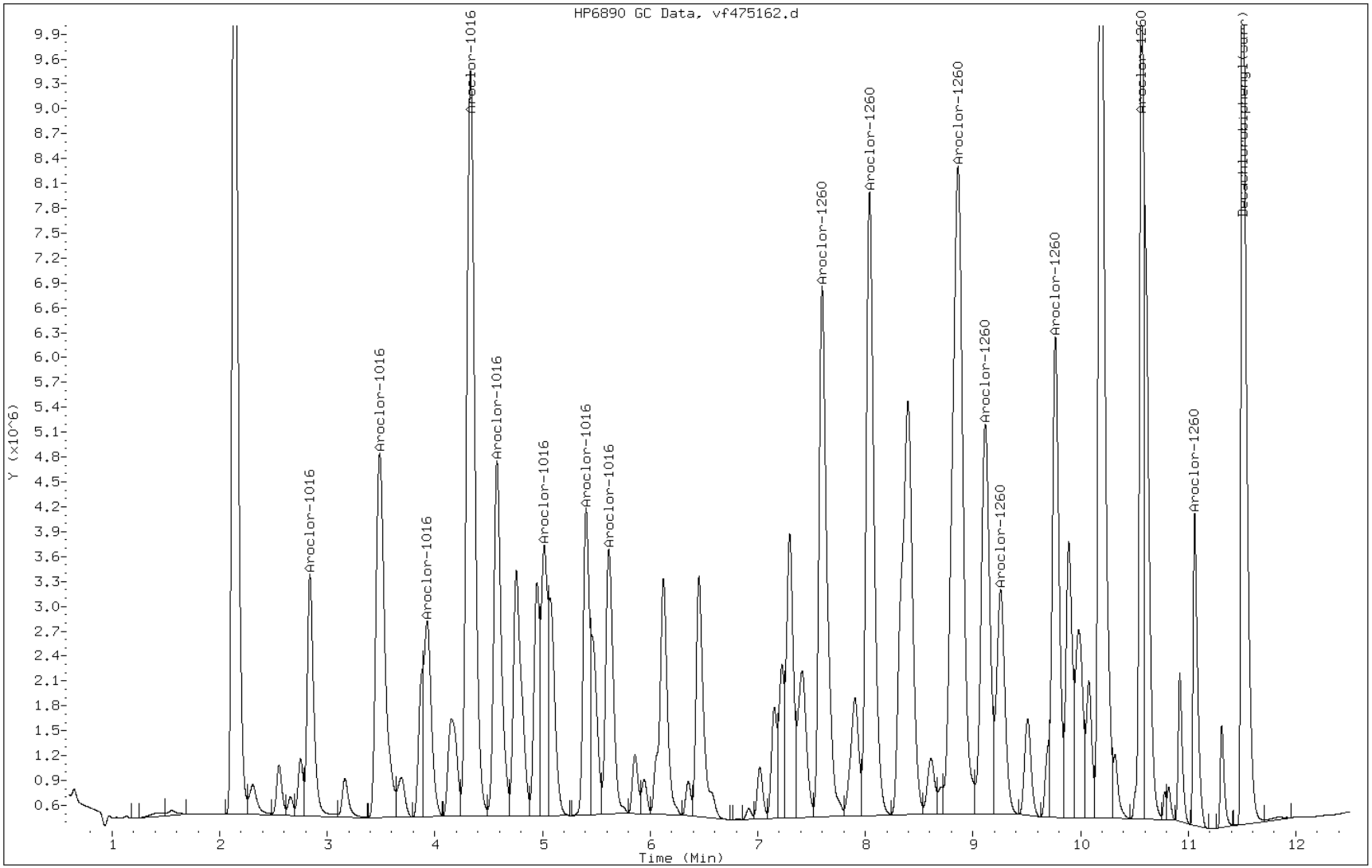
M - Compound response manually integrated.

Data File: vf475162.d

Date: 17-JUN-2012 14:18

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L4_00012 Operator: 615



Data File: vf475163.d
Report Date: 18-Jun-2012 11:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475163.d
Lab Smp Id: SG1660L5_00012
Inj Date : 17-JUN-2012 14:34
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:41 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 83 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)	ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.844	2.841	0.003	19411181	2500.00	2200	80.00- 120.00	100.00(M)
3.493	3.489	0.004	40545955	2500.00	2200	165.21- 247.81	208.88
3.934	3.931	0.003	17374998	2500.00	2300	71.64- 107.45	89.51
4.335	4.333	0.002	75448762	2500.00	2200	307.62- 461.42	388.69
4.580	4.578	0.002	32963923	2500.00	2200	134.93- 202.40	169.82
5.020	5.018	0.002	20190077	2500.00	2000	91.61- 137.41	104.01
5.408	5.407	0.001	23934636	2500.00	2200	94.82- 142.23	123.30
5.620	5.617	0.003	26519873	2500.00	2500	100.34- 150.51	136.62
Average of Peak Amounts = 2.23e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.600	7.599	0.001	53454564	2500.00	2200	80.00- 120.00	100.00(M)

Data File: vf475163.d
Report Date: 18-Jun-2012 11:56

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.040	8.041	-0.001	61658948	2500.00	2200	92.25- 138.37	115.35
8.863	8.862	0.001	90390253	2500.00	2300	132.69- 199.04	169.10
9.115	9.114	0.001	42403957	2500.00	2200	63.24- 94.85	79.33
9.259	9.258	0.001	24344659	2500.00	2300	35.12- 52.68	45.54
9.766	9.766	0.000	41254056	2500.00	2300	60.60- 90.90	77.18
10.567	10.568	-0.001	49818023	2500.00	2400	69.63- 104.45	93.20
11.061	11.061	0.000	18597509	2500.00	2600	26.05- 39.08	34.79
Average of Peak Amounts =				2.33e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.509	11.508	0.001	57368315	200.000	190	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475163.d

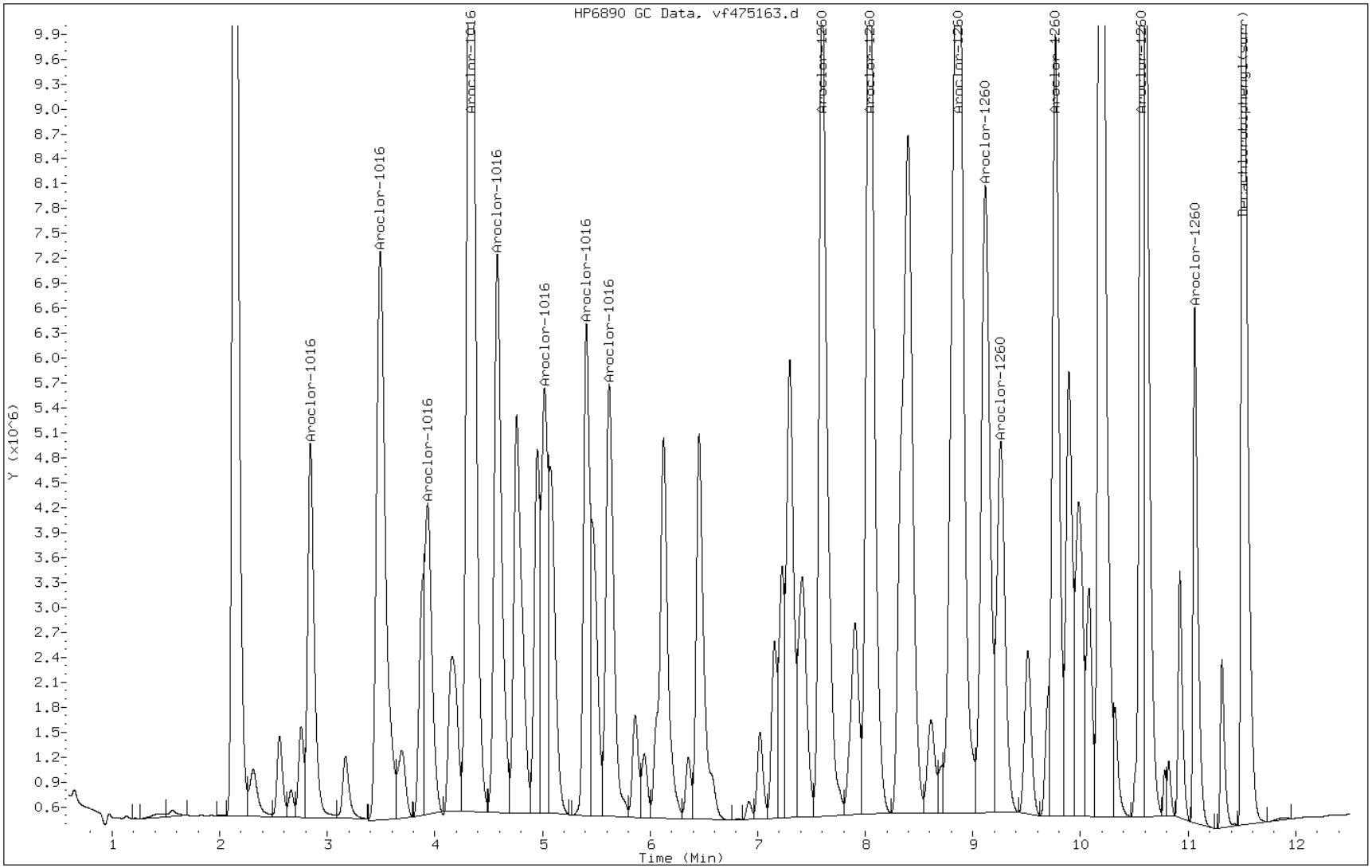
Date: 17-JUN-2012 14:34

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vr475159.d
Level 2	IC 460-116500/5	vr475160.d
Level 3	IC 460-116500/6	vr475161.d
Level 4	IC 460-116500/7	vr475162.d
Level 5	IC 460-116500/8	vr475163.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.137	2.137	2.138	2.134	2.139						2.068 - 2.208	2.137
PCB-1016 Peak 2	2.587	2.588	2.588	2.586	2.590						2.518 - 2.658	2.588
PCB-1016 Peak 3	2.841	2.841	2.841	2.838	2.843						2.771 - 2.911	2.841
PCB-1016 Peak 4	3.200	3.201	3.199	3.197	3.202						3.129 - 3.269	3.200
PCB-1016 Peak 5	3.414	3.413	3.413	3.410	3.415						3.343 - 3.483	3.413
PCB-1016 Peak 6	3.778	3.778	3.778	3.777	3.780						3.708 - 3.848	3.778
PCB-1016 Peak 7	4.136	4.136	4.135	4.133	4.137						4.065 - 4.205	4.135
PCB-1016 Peak 8	4.279	4.283	4.282	4.278	4.284						4.212 - 4.352	4.281
PCB-1260 Peak 1	6.166	6.166	6.164	6.163	6.165						6.094 - 6.234	6.165
PCB-1260 Peak 2	6.616	6.616	6.615	6.614	6.615						6.545 - 6.685	6.615
PCB-1260 Peak 3	7.063	7.064	7.063	7.062	7.064						6.993 - 7.133	7.063
PCB-1260 Peak 4	7.269	7.268	7.268	7.267	7.269						7.198 - 7.338	7.268
PCB-1260 Peak 5	7.717	7.717	7.716	7.716	7.717						7.646 - 7.786	7.717
PCB-1260 Peak 6	9.036	9.037	9.036	9.036	9.037						8.966 - 9.106	9.036
PCB-1260 Peak 7	9.263	9.265	9.264	9.264	9.264						9.194 - 9.334	9.264
PCB-1260 Peak 8	10.226	10.226	10.225	10.225	10.225						10.155 - 10.295	10.225
DCB Decachlorobiphenyl	10.681	10.681	10.680	10.679	10.680						10.580 - 10.780	10.680

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vr475159.d
Level 2	IC 460-116500/5	vr475160.d
Level 3	IC 460-116500/6	vr475161.d
Level 4	IC 460-116500/7	vr475162.d
Level 5	IC 460-116500/8	vr475163.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	9301.0 7599.5	9116.7	8596.5	7997.9	Ave		8522.33413				8.5		20.0			
PCB-1016 Peak 2	17515 13324	16045	15337	13967	Ave		15237.6417				10.9		20.0			
PCB-1016 Peak 3	10059 9631.7	10412	9979.9	9489.2	Ave		9914.31521				3.7		20.0			
PCB-1016 Peak 4	39040 29864	36028	33916	30956	Ave		33960.8846				11.0		20.0			
PCB-1016 Peak 5	12309 11414	13356	12681	11667	Ave		12285.3385				6.4		20.0			
PCB-1016 Peak 6	13941 11476	13037	13033	12091	Ave		12715.3191				7.5		20.0			
PCB-1016 Peak 7	14021 11534	13032	12644	11865	Ave		12619.0646				7.8		20.0			
PCB-1016 Peak 8	5277.0 4976.8	5655.0	5294.2	4906.4	Ave		5221.89321				5.7		20.0			
PCB-1260 Peak 1	23109 17700	20906	20027	18486	Ave		20045.5672				10.6		20.0			
PCB-1260 Peak 2	43152 34134	39620	38292	35573	Ave		38154.0143				9.3		20.0			
PCB-1260 Peak 3	35493 31735	34708	34518	32446	Ave		33780.1157				4.8		20.0			
PCB-1260 Peak 4	19156 16715	18873	18411	17348	Ave		18100.7892				5.7		20.0			
PCB-1260 Peak 5	16692 15114	17048	16586	15607	Ave		16209.3766				5.0		20.0			
PCB-1260 Peak 6	19805 19468	19673	20202	19424	Ave		19714.2426				1.6		20.0			
PCB-1260 Peak 7	11833 11576	11403	11560	11262	Ave		11526.8518				1.9		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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16065

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	9095.2 9639.3	9316.6	9718.0	9402.5	Ave		9434.32103				2.7		20.0			
DCB Decachlorobiphenyl	342990 312152	336610	321332	287819	Ave		320180.534				6.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 13:30 Calibration End Date: 06/17/2012 14:34 Calibration ID: 16065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/4	vr475159.d
Level 2	IC 460-116500/5	vr475160.d
Level 3	IC 460-116500/6	vr475161.d
Level 4	IC 460-116500/7	vr475162.d
Level 5	IC 460-116500/8	vr475163.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	930101	4558374	8596534	11996803	18998775	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1751546	8022401	15336927	20951045	33309140	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1005904	5205871	9979871	14233816	24079281	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3904030	18014058	33915629	46434625	74659903	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1230936	6677785	12681472	17499790	28534410	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1394073	6518311	13032680	18136516	28688882	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1402059	6515927	12643937	17797652	28834602	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	527699	2827516	5294165	7359661	12442096	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2310904	10452906	20027203	27728748	44249873	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	4315159	19810051	38291667	53359330	85334565	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	3549347	17353996	34518444	48668637	79337286	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	1915595	9436704	18411274	26022014	41788262	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1669171	8524124	16586004	23410413	37784947	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1980464	9836729	20201514	29135438	48669939	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1183309	5701291	11560456	16892568	28941048	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	909522	4658301	9718047	14103701	24098172	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	8574745	16830480	32133243	43172887	62430319	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vr475159.d
Report Date: 18-Jun-2012 13:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475159.d
Lab Smp Id: SG1660L1_00012
Inj Date : 17-JUN-2012 13:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:23 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 79 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		
2.137	2.138	-0.001	930101	100.000	100	80.00- 120.00	100.00(M)
2.587	2.587	0.000	1751546	100.000	110	142.73- 214.09	143.27
2.841	2.841	0.000	1005904	100.000	100	92.87- 139.31	82.28
3.200	3.199	0.001	3904030	100.000	110	315.62- 473.43	319.34
3.414	3.413	0.001	1230936	100.000	98	118.01- 177.02	100.69
3.778	3.778	0.000	1394073	100.000	100	121.28- 181.92	114.03
4.136	4.135	0.001	1402059	100.000	100	117.67- 176.50	114.69
4.279	4.282	-0.003	527699	100.000	100	49.27- 73.90	43.16
Average of Peak Amounts =					103		
27 Aroclor-1260					CAS #: 11096-82-5		
6.166	6.164	0.002	2310904	100.000	110	80.00- 120.00	100.00(M)

Data File: vr475159.d
Report Date: 18-Jun-2012 13:28

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.616	6.615	0.001	4315159	100.000	100	152.96- 229.44	186.73
7.063	7.062	0.001	3549347	100.000	100	137.89- 206.83	153.59
7.269	7.268	0.001	1915595	100.000	100	73.55- 110.32	82.89
7.717	7.716	0.001	1669171	100.000	100	66.25- 99.38	72.23
9.036	9.036	0.000	1980464	100.000	99	80.70- 121.04	85.70
9.263	9.264	-0.001	1183309	100.000	100	46.18- 69.27	51.21
10.226	10.225	0.001	909522	100.000	97	38.82- 58.23	39.36
		Average of Peak Amounts =			102		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.681	10.680	0.001	8574745	25.0000	26	80.00- 120.00	100.00(M)

QC Flag Legend

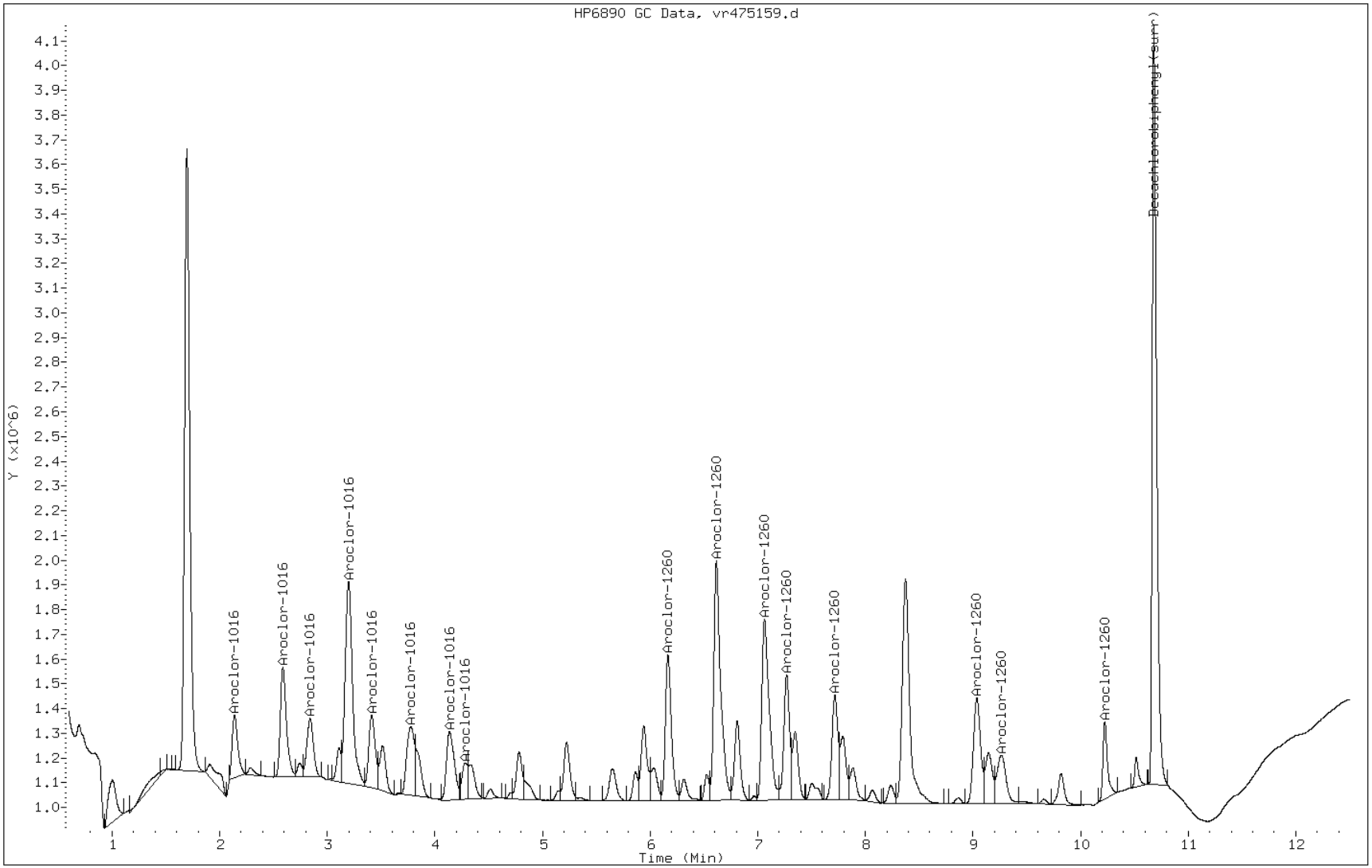
M - Compound response manually integrated.

Data File: vr475159.d

Date: 17-JUN-2012 13:30

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L1_00012 Operator: 615



Manual Integration Report

Data File: vr475159.d
Inj. Date and Time: 17-JUN-2012 13:30
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/18/2012

Processing Integration Results

Not Detected

Expected RT: 10.68

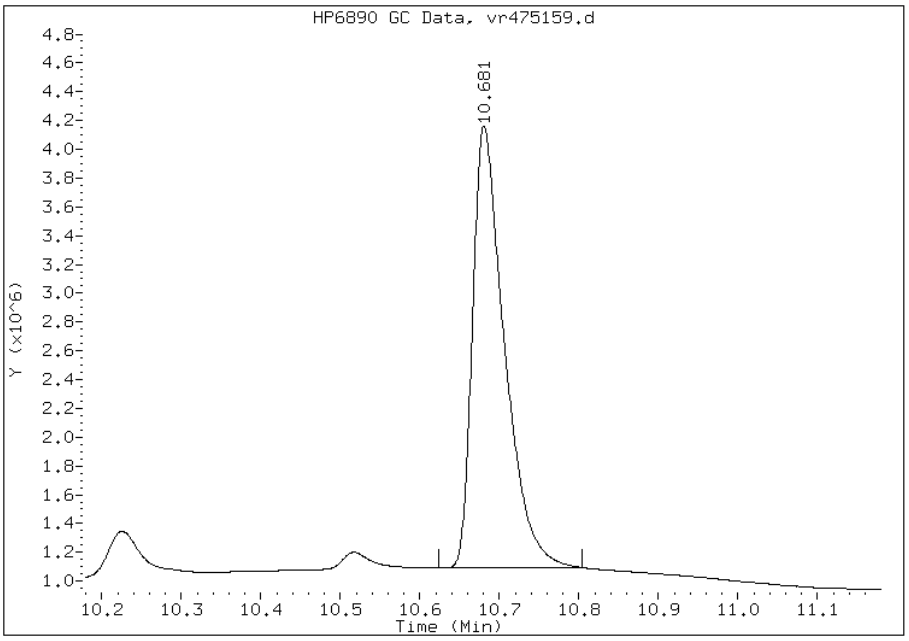
Manual Integration Results

RT: 10.68

Response: 8574745

Amount: 25.82

Conc: 25.82



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Data File: vr475160.d
Report Date: 18-Jun-2012 13:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475160.d
Lab Smp Id: SG1660L2_00012
Inj Date : 17-JUN-2012 13:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L2_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:23 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 80 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

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.137	2.138	-0.001	4558374	500.000	510	80.00- 120.00	100.00(M)
2.588	2.587	0.001	8022401	500.000	490	150.65- 225.98	175.99
2.841	2.841	0.000	5205871	500.000	510	86.52- 129.78	114.20
3.201	3.199	0.002	18014058	500.000	500	335.79- 503.69	395.19
3.413	3.413	0.000	6677785	500.000	520	105.88- 158.81	146.49
3.778	3.778	0.000	6518311	500.000	490	119.91- 179.86	143.00
4.136	4.135	0.001	6515927	500.000	490	120.59- 180.89	142.94
4.283	4.282	0.001	2827516	500.000	520	45.39- 68.08	62.03
		Average of Peak Amounts =			504		
27 Aroclor-1260					CAS #: 11096-82-5		
6.166	6.164	0.002	10452906	500.000	490	80.00- 120.00	100.00(M)

Data File: vr475160.d
Report Date: 18-Jun-2012 13:29

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.616	6.615	0.001	19810051	500.000	490	149.38- 224.08	189.52
7.064	7.062	0.002	17353996	500.000	500	122.87- 184.31	166.02
7.268	7.268	0.000	9436704	500.000	500	66.32- 99.47	90.28
7.717	7.716	0.001	8524124	500.000	510	57.78- 86.68	81.55
9.037	9.036	0.001	9836729	500.000	490	68.56- 102.84	94.11
9.265	9.264	0.001	5701291	500.000	490	40.96- 61.45	54.54
10.226	10.225	0.001	4658301	500.000	500	31.49- 47.23	44.56
		Average of Peak Amounts =			496		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.681	10.680	0.001	16830480	50.0000	50	80.00- 120.00	100.00(M)

QC Flag Legend

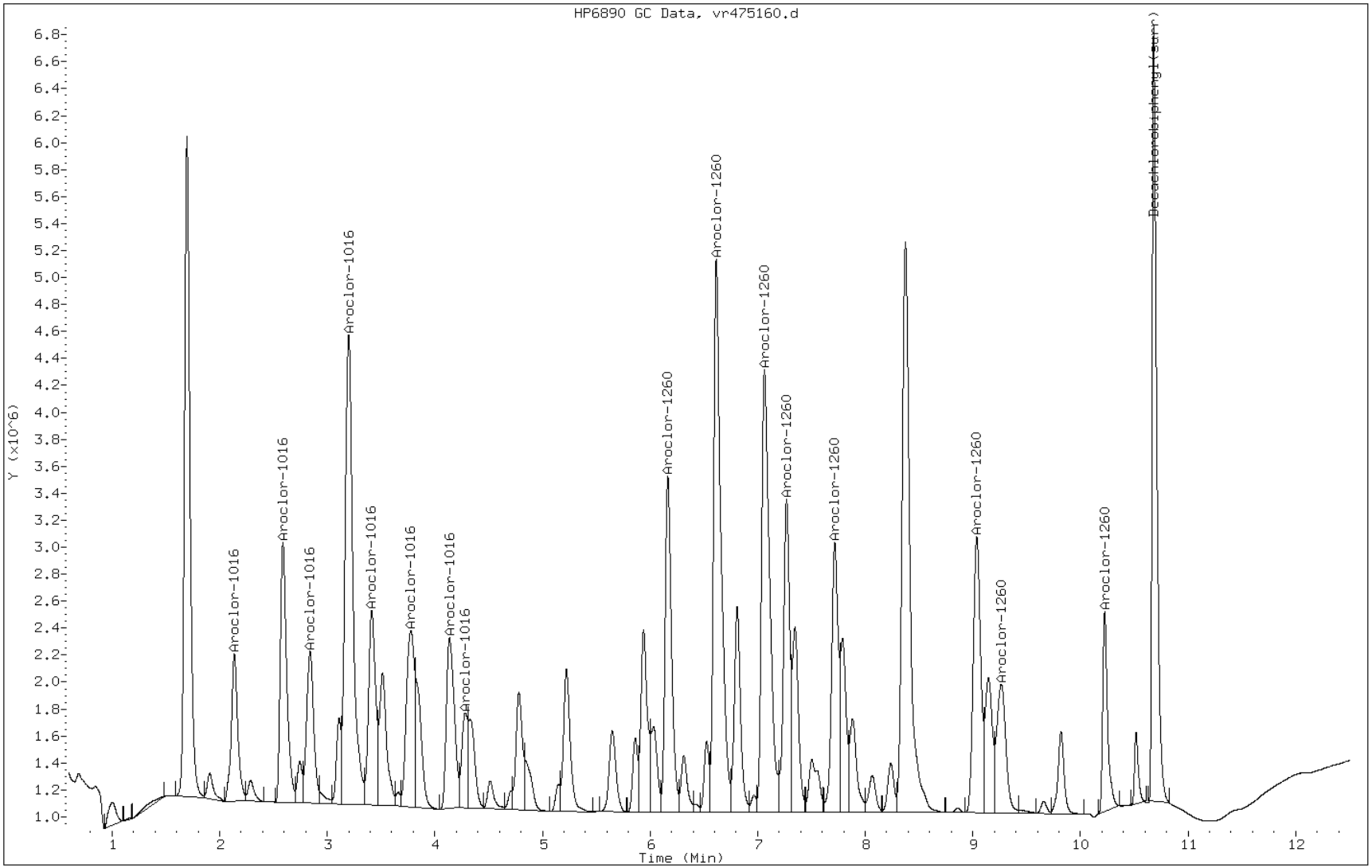
M - Compound response manually integrated.

Data File: vr475160.d

Date: 17-JUN-2012 13:46

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L2_00012 Operator: 615



Manual Integration Report

Data File: vr475160.d
Inj. Date and Time: 17-JUN-2012 13:46
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/18/2012

Processing Integration Results

Not Detected

Expected RT: 10.68

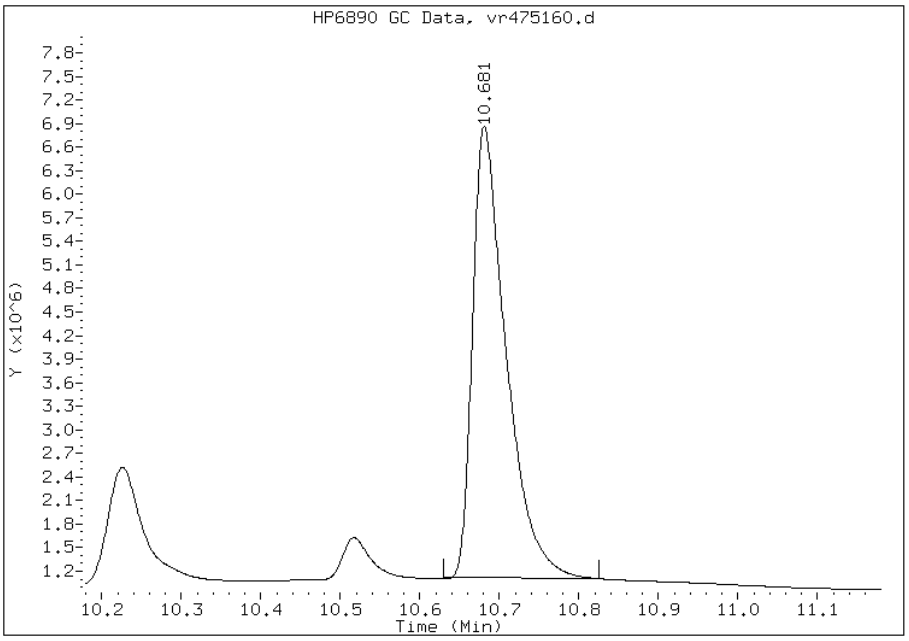
Manual Integration Results

RT: 10.68

Response: 16830480

Amount: 50.44

Conc: 50.44



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Data File: vr475161.d
Report Date: 18-Jun-2012 13:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475161.d
Lab Smp Id: SG1660L3_00017
Inj Date : 17-JUN-2012 14:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:23 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 81 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

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.138	2.142	-0.004	8596534	1000.00	1000	0.00- 0.00	100.00(M)
2.587	2.593	-0.006	15336927	1000.00	1000	0.00- 0.00	178.41
2.841	2.847	-0.006	9979871	1000.00	1000	0.00- 0.00	116.09
3.199	3.205	-0.006	33915629	1000.00	1000	0.00- 0.00	394.53
3.413	3.420	-0.007	12681472	1000.00	1000	0.00- 0.00	147.52
3.778	3.785	-0.007	13032680	1000.00	1000	0.00- 0.00	151.60
4.135	4.142	-0.007	12643937	1000.00	1000	0.00- 0.00	147.08
4.282	4.287	-0.005	5294165	1000.00	1000	0.00- 0.00	61.58
		Average of Peak Amounts =			1e+03		
27 Aroclor-1260					CAS #: 11096-82-5		
6.164	6.171	-0.007	20027203	1000.00	1000	0.00- 0.00	100.00(M)

Data File: vr475161.d
Report Date: 18-Jun-2012 13:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.615	6.622	-0.007	38291667	1000.00	1000	0.00- 0.00	191.20
7.062	7.070	-0.008	34518444	1000.00	1000	0.00- 0.00	172.36
7.268	7.275	-0.007	18411274	1000.00	1000	0.00- 0.00	91.93
7.716	7.724	-0.008	16586004	1000.00	1000	0.00- 0.00	82.82
9.036	9.047	-0.011	20201514	1000.00	1000	0.00- 0.00	100.87
9.264	9.273	-0.009	11560456	1000.00	1000	0.00- 0.00	57.72
10.225	10.231	-0.006	9718047	1000.00	1000	0.00- 0.00	48.52
Average of Peak Amounts =					1e+03		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.680	10.684	-0.004	32133243	100.000	100	0.00- 0.00	100.00(M)

QC Flag Legend

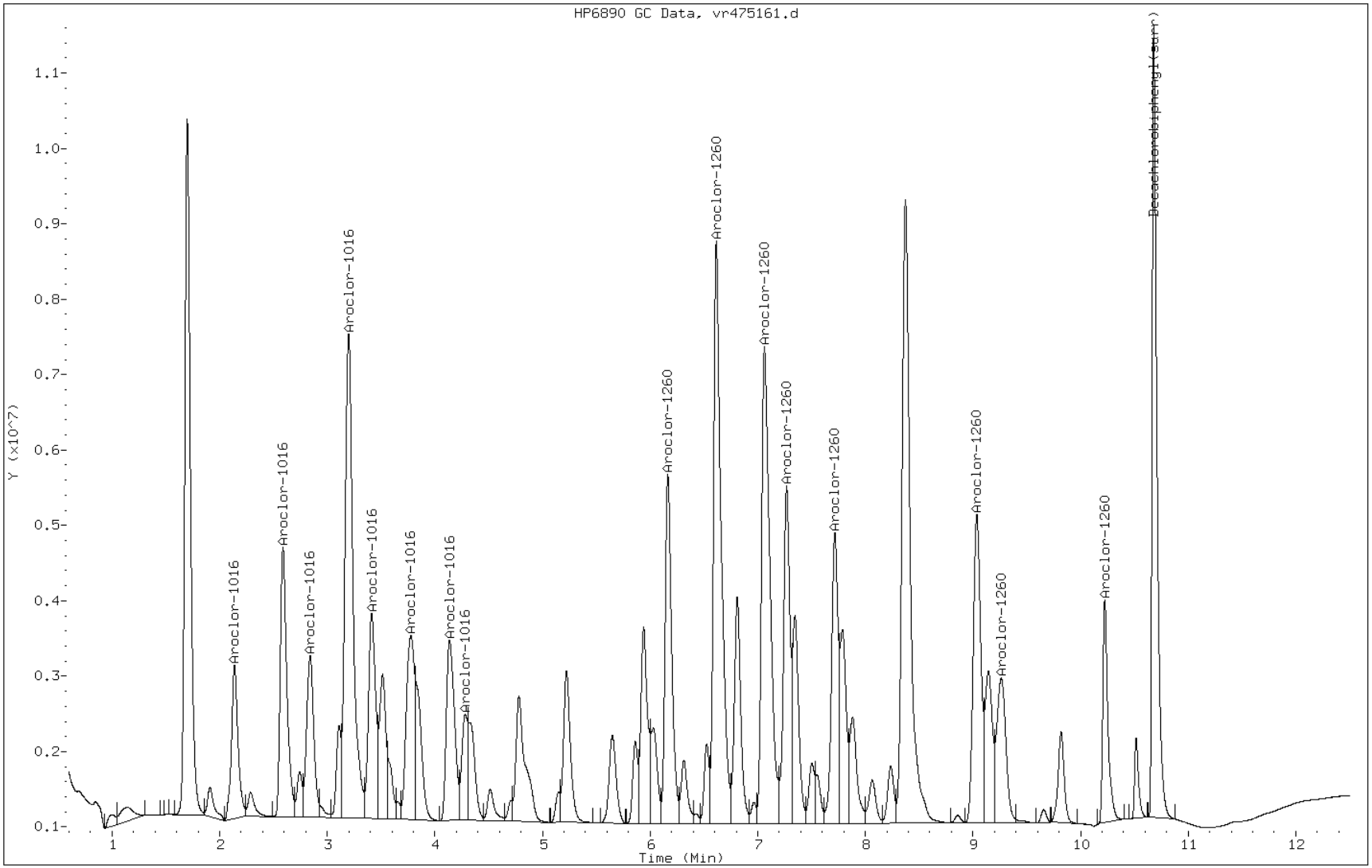
M - Compound response manually integrated.

Data File: vr475161.d

Date: 17-JUN-2012 14:02

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00017 Operator: 615



Manual Integration Report

Data File: vr475161.d
Inj. Date and Time: 17-JUN-2012 14:02
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/18/2012

Processing Integration Results

Not Detected

Expected RT: 10.68

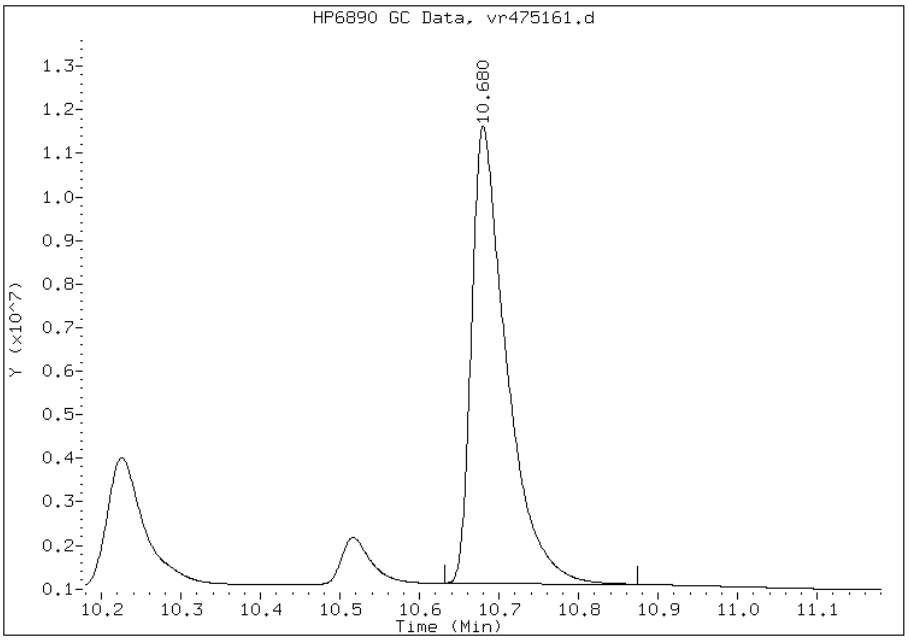
Manual Integration Results

RT: 10.68

Response: 32133243

Amount: 100.00

Conc: 100.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Data File: vr475162.d
Report Date: 18-Jun-2012 13:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475162.d
Lab Smp Id: SG1660L4_00012
Inj Date : 17-JUN-2012 14:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L4_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:23 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 82 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		
2.134	2.138	-0.004	11996803	1500.00	1400	80.00- 120.00	100.00(M)
2.586	2.587	-0.001	20951045	1500.00	1300	140.79- 211.19	174.64
2.838	2.841	-0.003	14233816	1500.00	1400	91.36- 137.05	118.65
3.197	3.199	-0.002	46434625	1500.00	1300	316.15- 474.22	387.06
3.410	3.413	-0.003	17499790	1500.00	1400	117.20- 175.79	145.87
3.777	3.778	-0.001	18136516	1500.00	1400	114.40- 171.60	151.18
4.133	4.135	-0.002	17797652	1500.00	1400	114.36- 171.53	148.35
4.278	4.282	-0.004	7359661	1500.00	1400	49.62- 74.43	61.35
Average of Peak Amounts = 1.38e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.163	6.164	-0.001	27728748	1500.00	1300	80.00- 120.00	100.00(M)

Data File: vr475162.d
Report Date: 18-Jun-2012 13:31

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.614	6.615	-0.001	53359330	1500.00	1400	151.61- 227.42	192.43
7.062	7.062	0.000	48668637	1500.00	1400	132.82- 199.22	175.52
7.267	7.268	-0.001	26022014	1500.00	1400	72.22- 108.33	93.84
7.716	7.716	0.000	23410413	1500.00	1400	65.24- 97.86	84.43
9.036	9.036	0.000	29135438	1500.00	1500	75.28- 112.93	105.07
9.264	9.264	0.000	16892568	1500.00	1500	43.63- 65.45	60.92
10.225	10.225	0.000	14103701	1500.00	1500	35.65- 53.48	50.86
Average of Peak Amounts =				1.43e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.679	10.680	-0.001	43172887	150.000	130	80.00- 120.00	100.00(M)

QC Flag Legend

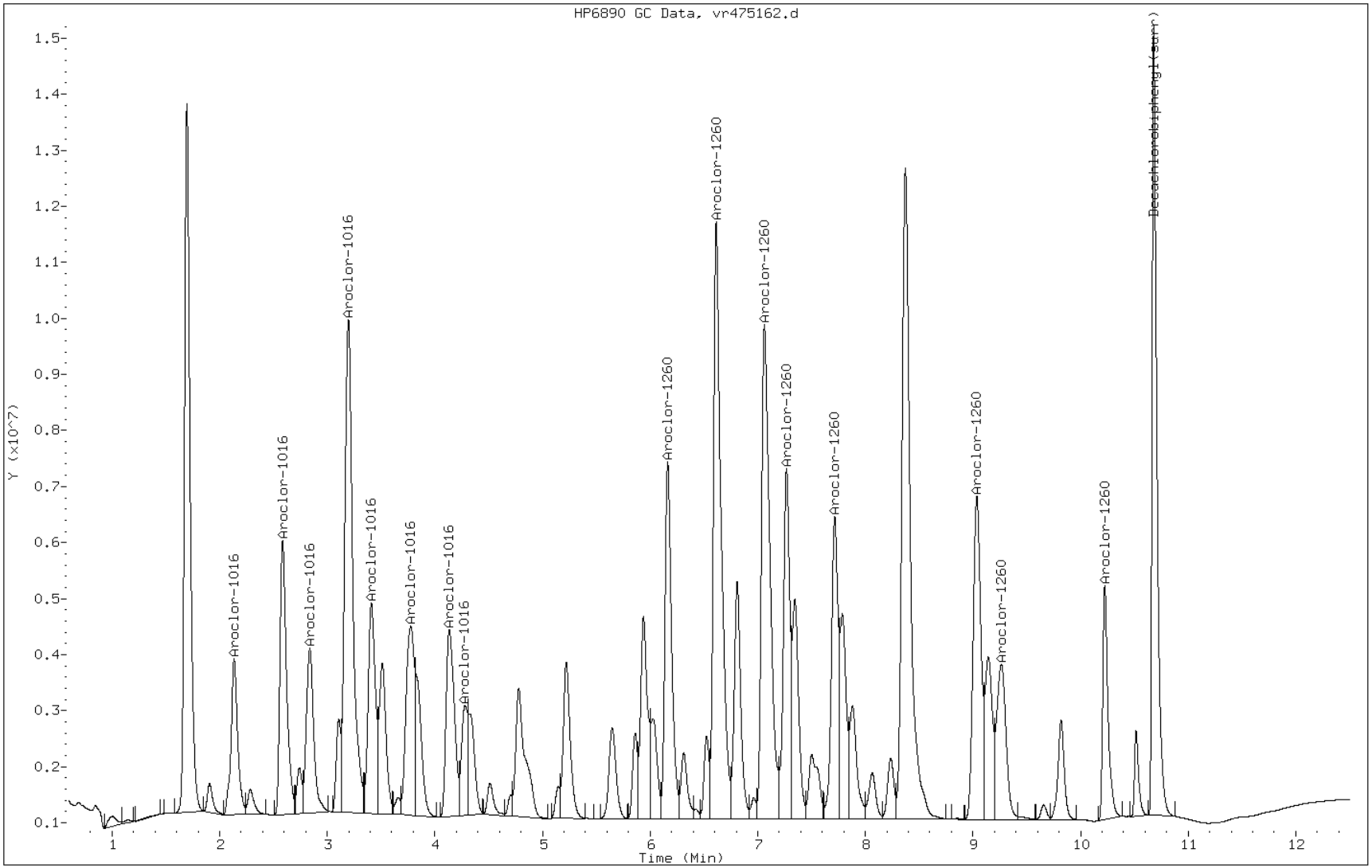
M - Compound response manually integrated.

Data File: vr475162.d

Date: 17-JUN-2012 14:18

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L4_00012 Operator: 615



Manual Integration Report

Data File: vr475162.d
Inj. Date and Time: 17-JUN-2012 14:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/18/2012

Processing Integration Results

Not Detected

Expected RT: 10.68

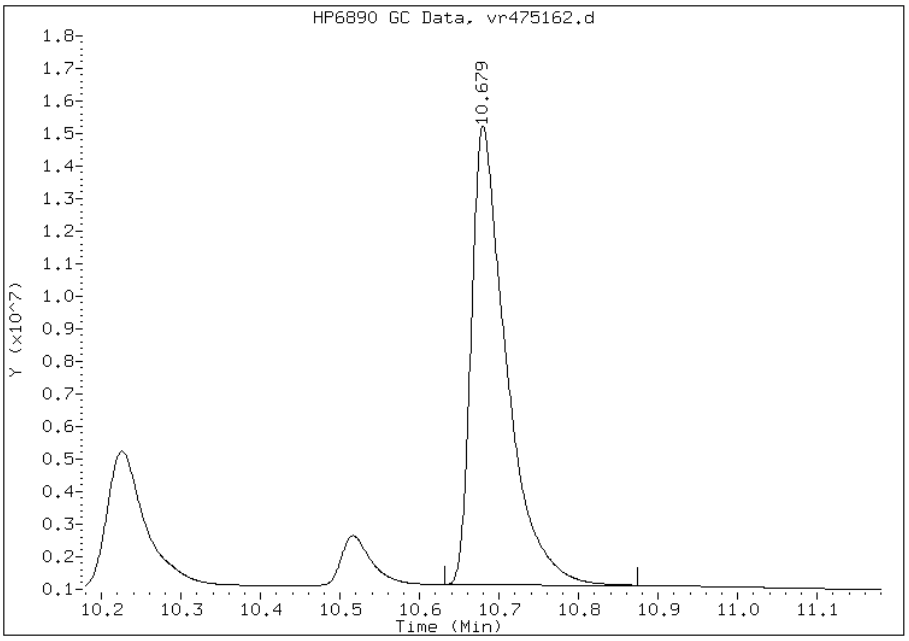
Manual Integration Results

RT: 10.68

Response: 43172887

Amount: 134.00

Conc: 134.00



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

Data File: vr475163.d
Report Date: 18-Jun-2012 13:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475163.d
Lab Smp Id: SG1660L5_00012
Inj Date : 17-JUN-2012 14:34
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1660L5_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:23 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 83 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		
2.139	2.138	0.001	18998775	2500.00	2200	80.00- 120.00	100.00(M)
2.590	2.587	0.003	33309140	2500.00	2200	139.71- 209.57	175.32
2.843	2.841	0.002	24079281	2500.00	2400	94.92- 142.38	126.74
3.202	3.199	0.003	74659903	2500.00	2200	309.65- 464.47	392.97
3.415	3.413	0.002	28534410	2500.00	2300	116.70- 175.04	150.19
3.780	3.778	0.002	28688882	2500.00	2200	120.94- 181.41	151.00
4.137	4.135	0.002	28834602	2500.00	2300	118.68- 178.02	151.77
4.284	4.282	0.002	12442096	2500.00	2400	49.08- 73.62	65.49
Average of Peak Amounts = 2.29e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.165	6.164	0.001	44249873	2500.00	2200	80.00- 120.00	100.00(M)

Data File: vr475163.d
Report Date: 18-Jun-2012 13:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.615	6.615	0.000	85334565	2500.00	2200	153.95- 230.92	192.85
7.064	7.062	0.002	79337286	2500.00	2300	140.41- 210.62	179.29
7.269	7.268	0.001	41788262	2500.00	2300	75.08- 112.61	94.44
7.717	7.716	0.001	37784947	2500.00	2300	67.54- 101.31	85.39
9.037	9.036	0.001	48669939	2500.00	2500	84.06- 126.09	109.99
9.264	9.264	0.000	28941048	2500.00	2500	48.74- 73.10	65.40
10.225	10.225	0.000	24098172	2500.00	2600	40.69- 61.04	54.46
Average of Peak Amounts =				2.37e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.680	10.680	0.000	62430319	200.000	190	80.00- 120.00	100.00(M)

QC Flag Legend

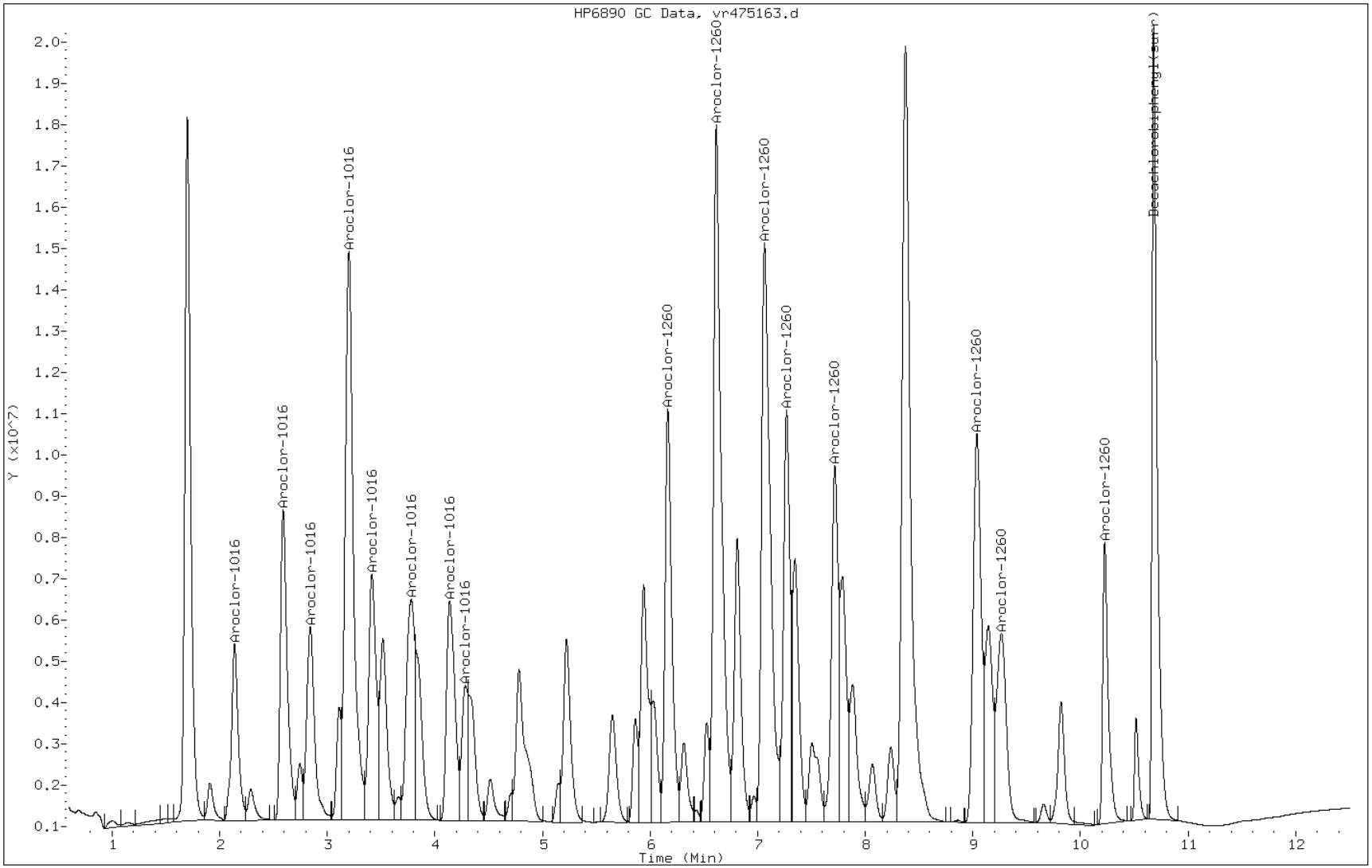
M - Compound response manually integrated.

Data File: vr475163.d

Date: 17-JUN-2012 14:34

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L5_00012 Operator: 615



Manual Integration Report

Data File: vr475163.d
Inj. Date and Time: 17-JUN-2012 14:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/18/2012

Processing Integration Results

Not Detected

Expected RT: 10.68

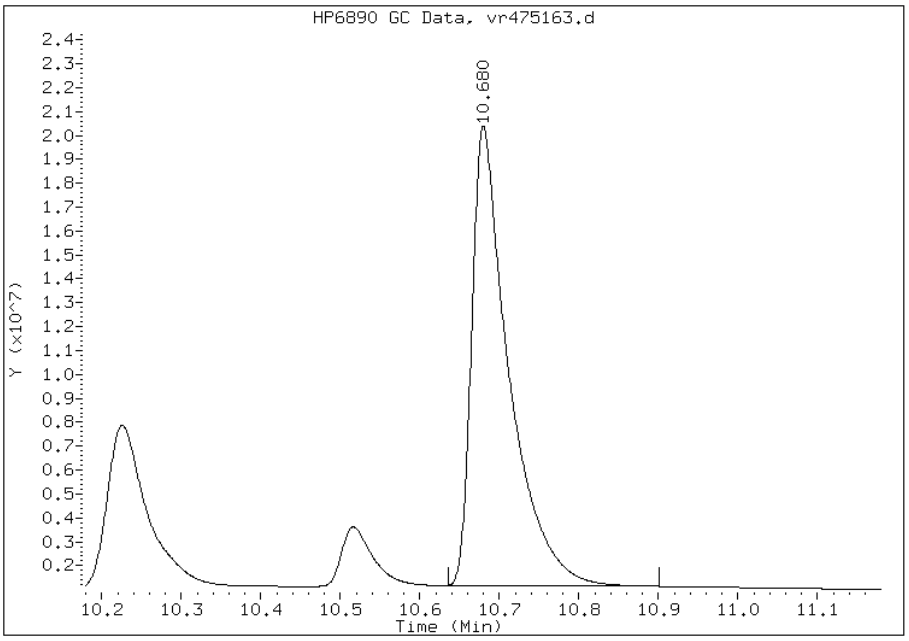
Manual Integration Results

RT: 10.68

Response: 62430319

Amount: 194.98

Conc: 194.98



Manually Integrated By: selbyc
Manual Integration Reason: Baseline Event

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vf475164.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.558										1.488 - 1.628	1.558
PCB-1221 Peak 2	2.023										1.953 - 2.093	2.023
PCB-1221 Peak 3	2.554										2.484 - 2.624	2.554
PCB-1221 Peak 4	2.754										2.684 - 2.824	2.754
PCB-1221 Peak 5	2.843										2.773 - 2.913	2.843
PCB-1221 Peak 6	3.587										3.517 - 3.657	3.587
PCB-1221 Peak 7	3.931										3.861 - 4.001	3.931
PCB-1221 Peak 8	4.332										4.262 - 4.402	4.332

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vf475164.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	3687.6				Ave		3687.59500						20.0			
PCB-1221 Peak 2	993.93				Ave		993.925000						20.0			
PCB-1221 Peak 3	4790.5				Ave		4790.52500						20.0			
PCB-1221 Peak 4	3024.0				Ave		3023.95100						20.0			
PCB-1221 Peak 5	12301				Ave		12301.2700						20.0			
PCB-1221 Peak 6	2547.5				Ave		2547.52800						20.0			
PCB-1221 Peak 7	557.80				Ave		557.804000						20.0			
PCB-1221 Peak 8	2111.8				Ave		2111.78100						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vf475164.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3687595					1000				
PCB-1221 Peak 2	Ave	993925					1000				
PCB-1221 Peak 3	Ave	4790525					1000				
PCB-1221 Peak 4	Ave	3023951					1000				
PCB-1221 Peak 5	Ave	12301270					1000				
PCB-1221 Peak 6	Ave	2547528					1000				
PCB-1221 Peak 7	Ave	557804					1000				
PCB-1221 Peak 8	Ave	2111781					1000				

Curve Type Legend:
Ave = Average

Data File: vf475164.d
Report Date: 18-Jun-2012 11:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475164.d
Lab Smp Id: SG1221L3_00014
Inj Date : 17-JUN-2012 14:50
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 84 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			
1.558	1.561	-0.003	3687595	1000.00	1000	0.00-	0.00	100.00(M)
2.023	2.026	-0.003	993925	1000.00	1000	0.00-	0.00	26.95
2.554	2.557	-0.003	4790525	1000.00	1000	0.00-	0.00	129.91
2.754	2.757	-0.003	3023951	1000.00	1000	0.00-	0.00	82.00
2.843	2.844	-0.001	12301270	1000.00	1000	0.00-	0.00	333.59
3.587	3.590	-0.003	2547528	1000.00	1000	0.00-	0.00	69.08
3.931	3.934	-0.003	557804	1000.00	1000	0.00-	0.00	15.13
4.332	4.335	-0.003	2111781	1000.00	1000	0.00-	0.00	57.27
Average of Peak Amounts =					1e+03			

Data File: vf475164.d
Report Date: 18-Jun-2012 11:58

QC Flag Legend

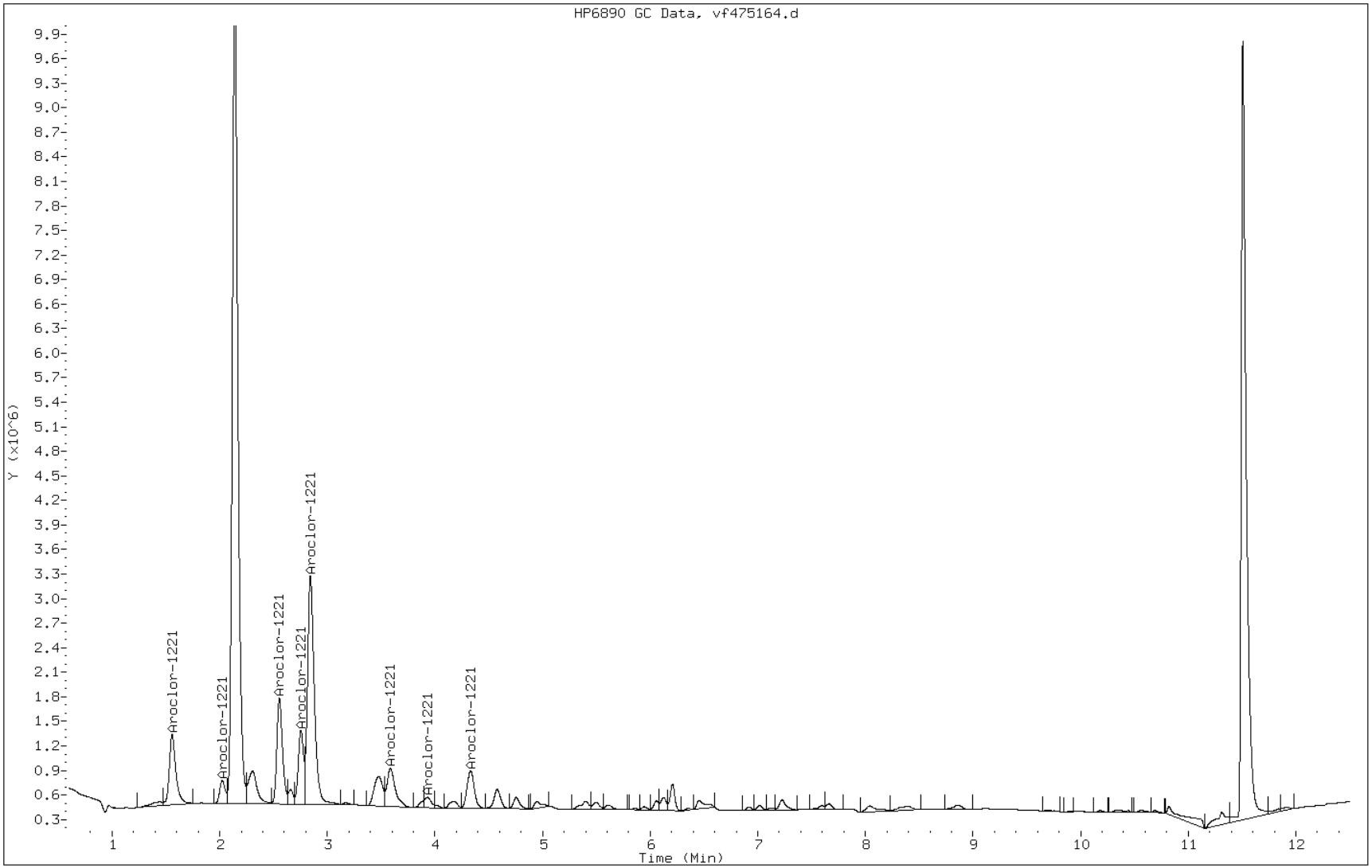
M - Compound response manually integrated.

Data File: vf475164.d

Date: 17-JUN-2012 14:50

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vr475164.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.143										1.073 - 1.213	1.143
PCB-1221 Peak 2	1.556										1.486 - 1.626	1.556
PCB-1221 Peak 3	1.908										1.838 - 1.978	1.908
PCB-1221 Peak 4	2.136										2.066 - 2.206	2.136
PCB-1221 Peak 5	2.664										2.594 - 2.734	2.664
PCB-1221 Peak 6	2.748										2.678 - 2.818	2.748
PCB-1221 Peak 7	2.804										2.734 - 2.874	2.804
PCB-1221 Peak 8	3.199										3.129 - 3.269	3.199

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vr475164.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	3290.4				Ave		3290.37900						20.0			
PCB-1221 Peak 2	945.28				Ave		945.279000						20.0			
PCB-1221 Peak 3	4422.1				Ave		4422.09300						20.0			
PCB-1221 Peak 4	12367				Ave		12367.4880						20.0			
PCB-1221 Peak 5	1069.3				Ave		1069.27500						20.0			
PCB-1221 Peak 6	2204.1				Ave		2204.12000						20.0			
PCB-1221 Peak 7	848.10				Ave		848.096000						20.0			
PCB-1221 Peak 8	2147.8				Ave		2147.83800						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 14:50 Calibration End Date: 06/17/2012 14:50 Calibration ID: 16067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/9	vr475164.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3290379					1000				
PCB-1221 Peak 2	Ave	945279					1000				
PCB-1221 Peak 3	Ave	4422093					1000				
PCB-1221 Peak 4	Ave	12367488					1000				
PCB-1221 Peak 5	Ave	1069275					1000				
PCB-1221 Peak 6	Ave	2204120					1000				
PCB-1221 Peak 7	Ave	848096					1000				
PCB-1221 Peak 8	Ave	2147838					1000				

Curve Type Legend:

Ave = Average

Data File: vr475164.d
Report Date: 18-Jun-2012 13:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475164.d
Lab Smp Id: SG1221L3_00014
Inj Date : 17-JUN-2012 14:50
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 84 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			
1.143	1.147	-0.004	3290379	1000.00	1000	0.00-	0.00	100.00(M)
1.556	1.556	0.000	945279	1000.00	1000	0.00-	0.00	28.73
1.908	1.911	-0.003	4422093	1000.00	1000	0.00-	0.00	134.39
2.136	2.138	-0.002	12367488	1000.00	1000	0.00-	0.00	375.87
2.664	2.665	-0.001	1069275	1000.00	1000	0.00-	0.00	32.50
2.748	2.748	0.000	2204120	1000.00	1000	0.00-	0.00	66.99
2.804	2.835	-0.031	848096	1000.00	1000	0.00-	0.00	25.78
3.199	3.200	-0.001	2147838	1000.00	1000	0.00-	0.00	65.28
Average of Peak Amounts =					1e+03			

Data File: vr475164.d
Report Date: 18-Jun-2012 13:36

QC Flag Legend

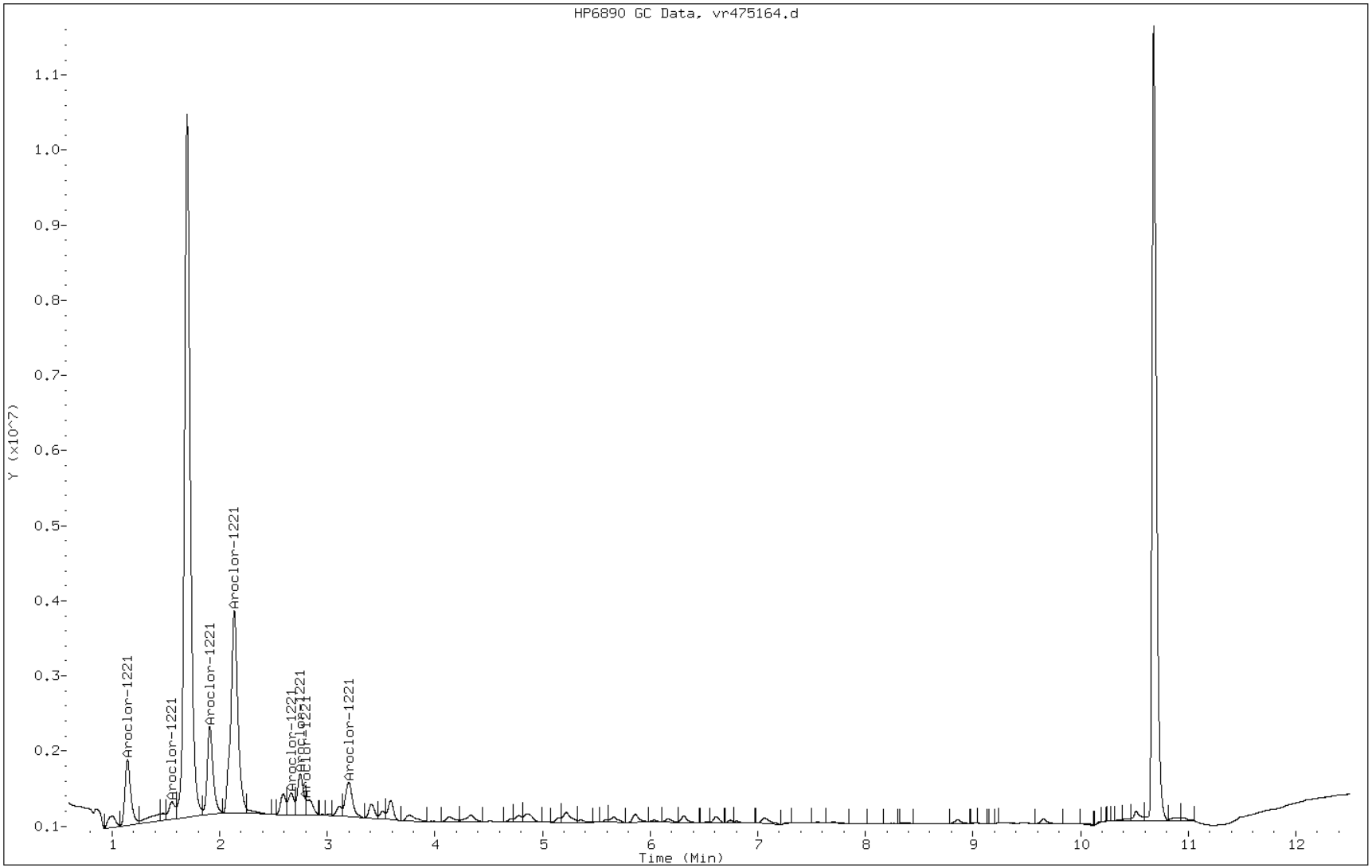
M - Compound response manually integrated.

Data File: vr475164.d

Date: 17-JUN-2012 14:50

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vf475165.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.838										2.768 - 2.908	2.838
PCB-1232 Peak 2	3.484										3.414 - 3.554	3.484
PCB-1232 Peak 3	3.928										3.858 - 3.998	3.928
PCB-1232 Peak 4	4.576										4.506 - 4.646	4.576
PCB-1232 Peak 5	4.755										4.685 - 4.825	4.755
PCB-1232 Peak 6	4.948										4.878 - 5.018	4.948
PCB-1232 Peak 7	5.404										5.334 - 5.474	5.404
PCB-1232 Peak 8	5.615										5.545 - 5.685	5.615

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vf475165.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	8079.3				Ave		8079.30100						20.0			
PCB-1232 Peak 2	7392.7				Ave		7392.65800						20.0			
PCB-1232 Peak 3	3120.0				Ave		3120.03200						20.0			
PCB-1232 Peak 4	6021.7				Ave		6021.74900						20.0			
PCB-1232 Peak 5	4257.2				Ave		4257.21900						20.0			
PCB-1232 Peak 6	3447.9				Ave		3447.88600						20.0			
PCB-1232 Peak 7	5114.5				Ave		5114.52500						20.0			
PCB-1232 Peak 8	5323.1				Ave		5323.10900						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vf475165.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	8079301					1000				
PCB-1232 Peak 2	Ave	7392658					1000				
PCB-1232 Peak 3	Ave	3120032					1000				
PCB-1232 Peak 4	Ave	6021749					1000				
PCB-1232 Peak 5	Ave	4257219					1000				
PCB-1232 Peak 6	Ave	3447886					1000				
PCB-1232 Peak 7	Ave	5114525					1000				
PCB-1232 Peak 8	Ave	5323109					1000				

Curve Type Legend:

Ave = Average

Data File: vf475165.d
Report Date: 18-Jun-2012 11:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475165.d
Lab Smp Id: SG1232L3_00013
Inj Date : 17-JUN-2012 15:06
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 85 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			
2.837	2.845	-0.008	8079301	1000.00	1000	0.00-	0.00	100.00(M)
3.484	3.494	-0.010	7392658	1000.00	1000	0.00-	0.00	91.50
3.928	3.936	-0.008	3120032	1000.00	1000	0.00-	0.00	38.62
4.576	4.584	-0.008	6021749	1000.00	1000	0.00-	0.00	74.53
4.755	4.764	-0.009	4257219	1000.00	1000	0.00-	0.00	52.69
4.948	4.956	-0.008	3447886	1000.00	1000	0.00-	0.00	42.68
5.404	5.413	-0.009	5114525	1000.00	1000	0.00-	0.00	63.30
5.615	5.623	-0.008	5323109	1000.00	1000	0.00-	0.00	65.89
Average of Peak Amounts =					1e+03			

Data File: vf475165.d
Report Date: 18-Jun-2012 11:59

QC Flag Legend

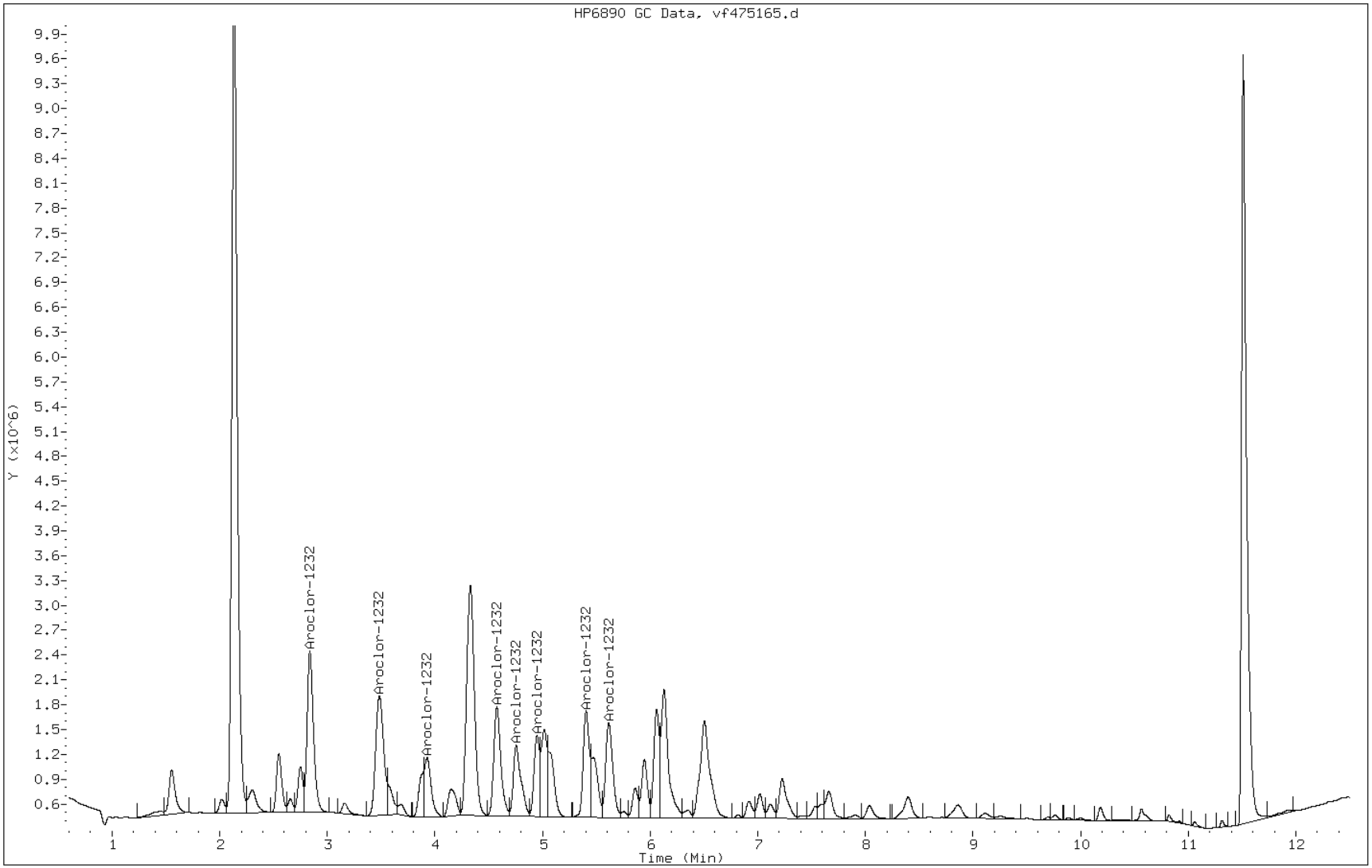
M - Compound response manually integrated.

Data File: vf475165.d

Date: 17-JUN-2012 15:06

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vr475165.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.132										2.062 - 2.202	2.132
PCB-1232 Peak 2	2.583										2.513 - 2.653	2.583
PCB-1232 Peak 3	2.836										2.766 - 2.906	2.836
PCB-1232 Peak 4	3.194										3.124 - 3.264	3.194
PCB-1232 Peak 5	3.408										3.338 - 3.478	3.408
PCB-1232 Peak 6	3.508										3.438 - 3.578	3.508
PCB-1232 Peak 7	4.131										4.061 - 4.201	4.131
PCB-1232 Peak 8	4.703										4.633 - 4.773	4.703

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vr475165.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	8591.6				Ave		8591.55200						20.0			
PCB-1232 Peak 2	6761.5				Ave		6761.46000						20.0			
PCB-1232 Peak 3	4367.4				Ave		4367.40500						20.0			
PCB-1232 Peak 4	14199				Ave		14199.2550						20.0			
PCB-1232 Peak 5	4974.6				Ave		4974.57700						20.0			
PCB-1232 Peak 6	2927.3				Ave		2927.25000						20.0			
PCB-1232 Peak 7	5805.7				Ave		5805.70300						20.0			
PCB-1232 Peak 8	2174.6				Ave		2174.57000						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:06 Calibration End Date: 06/17/2012 15:06 Calibration ID: 16069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/10	vr475165.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	8591552					1000				
PCB-1232 Peak 2	Ave	6761460					1000				
PCB-1232 Peak 3	Ave	4367405					1000				
PCB-1232 Peak 4	Ave	14199255					1000				
PCB-1232 Peak 5	Ave	4974577					1000				
PCB-1232 Peak 6	Ave	2927250					1000				
PCB-1232 Peak 7	Ave	5805703					1000				
PCB-1232 Peak 8	Ave	2174570					1000				

Curve Type Legend:

Ave = Average

Data File: vr475165.d
Report Date: 18-Jun-2012 13:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475165.d
Lab Smp Id: SG1232L3_00013
Inj Date : 17-JUN-2012 15:06
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 85 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			
2.132	2.141	-0.009	8591552	1000.00	1000	0.00-	0.00	100.00(M)
2.582	2.591	-0.009	6761460	1000.00	1000	0.00-	0.00	78.70
2.836	2.844	-0.008	4367405	1000.00	1000	0.00-	0.00	50.83
3.194	3.202	-0.008	14199255	1000.00	1000	0.00-	0.00	165.27
3.408	3.415	-0.007	4974577	1000.00	1000	0.00-	0.00	57.90
3.508	3.519	-0.011	2927250	1000.00	1000	0.00-	0.00	34.07
4.131	4.140	-0.009	5805703	1000.00	1000	0.00-	0.00	67.57
4.702	4.710	-0.008	2174570	1000.00	1000	0.00-	0.00	25.31
Average of Peak Amounts =					1e+03			

Data File: vr475165.d
Report Date: 18-Jun-2012 13:39

QC Flag Legend

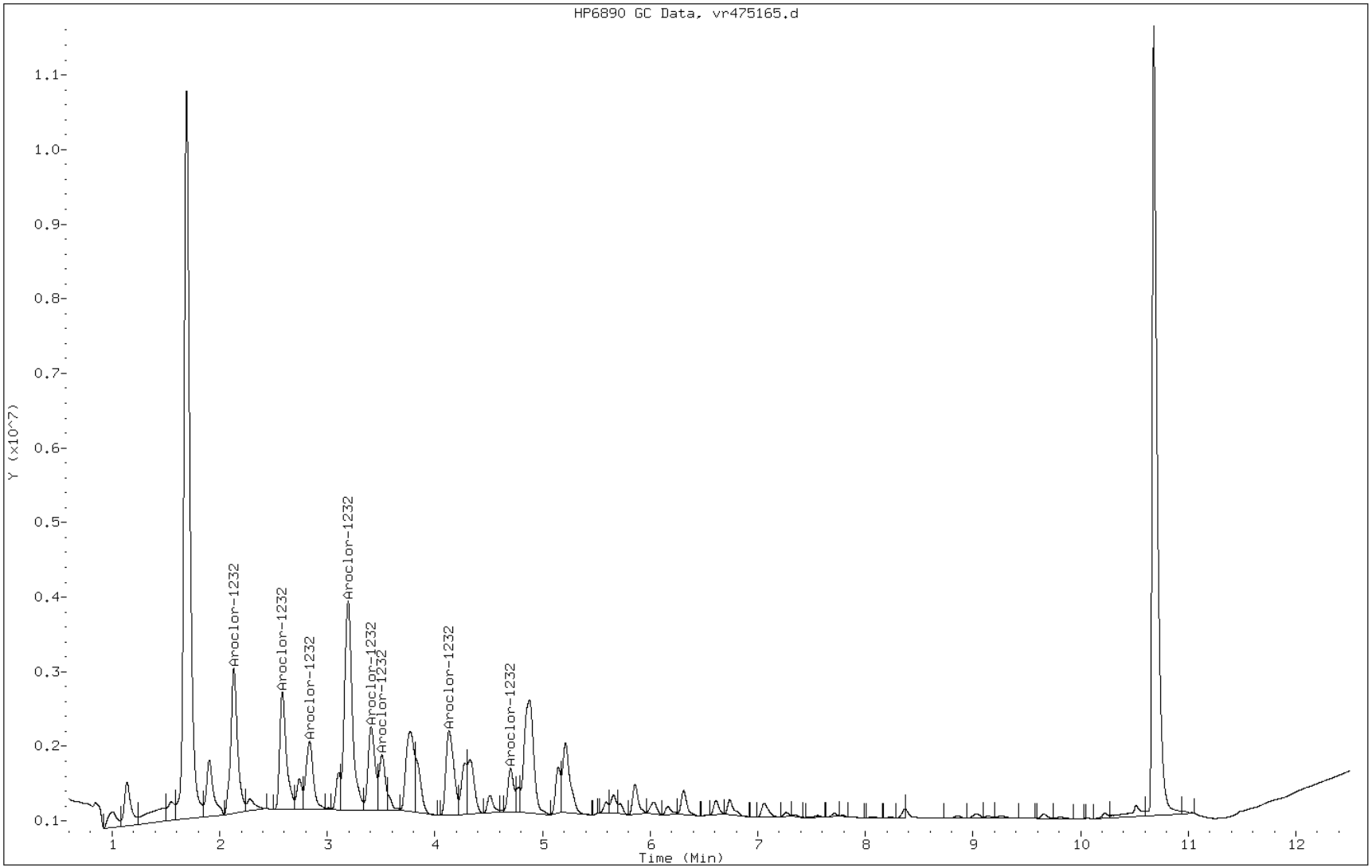
M - Compound response manually integrated.

Data File: vr475165.d

Date: 17-JUN-2012 15:06

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vf475166.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.837										2.767 - 2.907	2.837
PCB-1242 Peak 2	3.484										3.414 - 3.554	3.484
PCB-1242 Peak 3	3.926										3.856 - 3.996	3.926
PCB-1242 Peak 4	4.328										4.258 - 4.398	4.328
PCB-1242 Peak 5	4.574										4.504 - 4.644	4.574
PCB-1242 Peak 6	4.947										4.877 - 5.017	4.947
PCB-1242 Peak 7	5.613										5.543 - 5.683	5.613
PCB-1242 Peak 8	6.127										6.057 - 6.197	6.127

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vf475166.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	7344.9				Ave		7344.93500						20.0			
PCB-1242 Peak 2	14632				Ave		14631.5350						20.0			
PCB-1242 Peak 3	6155.5				Ave		6155.54100						20.0			
PCB-1242 Peak 4	26946				Ave		26946.1500						20.0			
PCB-1242 Peak 5	11728				Ave		11728.3620						20.0			
PCB-1242 Peak 6	5643.8				Ave		5643.82000						20.0			
PCB-1242 Peak 7	10248				Ave		10247.9650						20.0			
PCB-1242 Peak 8	12176				Ave		12175.5920						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vf475166.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	7344935					1000				
PCB-1242 Peak 2	Ave	14631535					1000				
PCB-1242 Peak 3	Ave	6155541					1000				
PCB-1242 Peak 4	Ave	26946150					1000				
PCB-1242 Peak 5	Ave	11728362					1000				
PCB-1242 Peak 6	Ave	5643820					1000				
PCB-1242 Peak 7	Ave	10247965					1000				
PCB-1242 Peak 8	Ave	12175592					1000				

Curve Type Legend:

Ave = Average

Data File: vf475166.d
Report Date: 18-Jun-2012 12:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475166.d
Lab Smp Id: SG1242L3_00013
Inj Date : 17-JUN-2012 15:22
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 86 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			
2.837	2.845	-0.008	7344935	1000.00	1000	0.00-	0.00	100.00(M)
3.484	3.495	-0.011	14631535	1000.00	1000	0.00-	0.00	199.21
3.926	3.936	-0.010	6155541	1000.00	1000	0.00-	0.00	83.81
4.328	4.339	-0.011	26946150	1000.00	1000	0.00-	0.00	366.87
4.574	4.584	-0.010	11728362	1000.00	1000	0.00-	0.00	159.68
4.947	4.956	-0.009	5643820	1000.00	1000	0.00-	0.00	76.84
5.613	5.623	-0.010	10247965	1000.00	1000	0.00-	0.00	139.52
6.127	6.137	-0.010	12175592	1000.00	1000	0.00-	0.00	165.77
Average of Peak Amounts =					1e+03			

Data File: vf475166.d
Report Date: 18-Jun-2012 12:00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475166.d

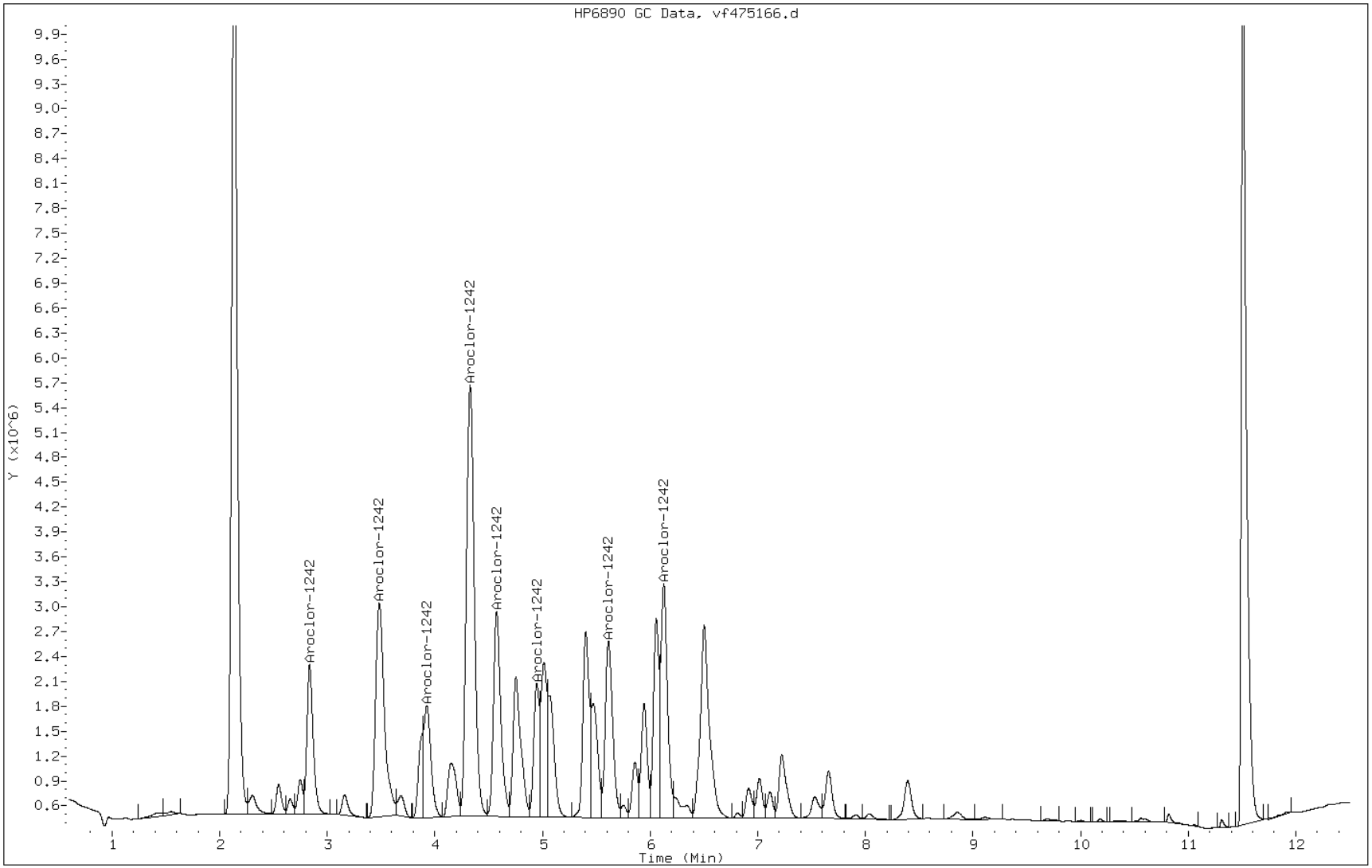
Date: 17-JUN-2012 15:22

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vr475166.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.132										2.062 - 2.202	2.132
PCB-1242 Peak 2	2.582										2.512 - 2.652	2.582
PCB-1242 Peak 3	2.836										2.766 - 2.906	2.836
PCB-1242 Peak 4	3.194										3.124 - 3.264	3.194
PCB-1242 Peak 5	3.407										3.337 - 3.477	3.407
PCB-1242 Peak 6	3.772										3.702 - 3.842	3.772
PCB-1242 Peak 7	4.130										4.060 - 4.200	4.130
PCB-1242 Peak 8	5.212										5.142 - 5.282	5.212

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vr475166.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	7446.6				Ave		7446.62100						20.0			
PCB-1242 Peak 2	12174				Ave		12174.1080						20.0			
PCB-1242 Peak 3	7976.1				Ave		7976.12000						20.0			
PCB-1242 Peak 4	27157				Ave		27157.1300						20.0			
PCB-1242 Peak 5	9923.5				Ave		9923.52100						20.0			
PCB-1242 Peak 6	9958.3				Ave		9958.31200						20.0			
PCB-1242 Peak 7	10459				Ave		10458.6530						20.0			
PCB-1242 Peak 8	6757.1				Ave		6757.12400						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:22 Calibration End Date: 06/17/2012 15:22 Calibration ID: 16071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/11	vr475166.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	7446621					1000				
PCB-1242 Peak 2	Ave	12174108					1000				
PCB-1242 Peak 3	Ave	7976120					1000				
PCB-1242 Peak 4	Ave	27157130					1000				
PCB-1242 Peak 5	Ave	9923521					1000				
PCB-1242 Peak 6	Ave	9958312					1000				
PCB-1242 Peak 7	Ave	10458653					1000				
PCB-1242 Peak 8	Ave	6757124					1000				

Curve Type Legend:
Ave = Average

Data File: vr475166.d
Report Date: 18-Jun-2012 13:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475166.d
Lab Smp Id: SG1242L3_00013
Inj Date : 17-JUN-2012 15:22
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 86 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			
2.132	2.141	-0.009	7446621	1000.00	1000	0.00-	0.00	100.00(M)
2.582	2.591	-0.009	12174108	1000.00	1000	0.00-	0.00	163.48
2.836	2.845	-0.009	7976120	1000.00	1000	0.00-	0.00	107.11
3.194	3.202	-0.008	27157130	1000.00	1000	0.00-	0.00	364.69
3.407	3.416	-0.009	9923521	1000.00	1000	0.00-	0.00	133.26
3.772	3.783	-0.011	9958312	1000.00	1000	0.00-	0.00	133.73
4.130	4.140	-0.010	10458653	1000.00	1000	0.00-	0.00	140.45
5.212	5.220	-0.008	6757124	1000.00	1000	0.00-	0.00	90.74
Average of Peak Amounts =					1e+03			

Data File: vr475166.d
Report Date: 18-Jun-2012 13:40

QC Flag Legend

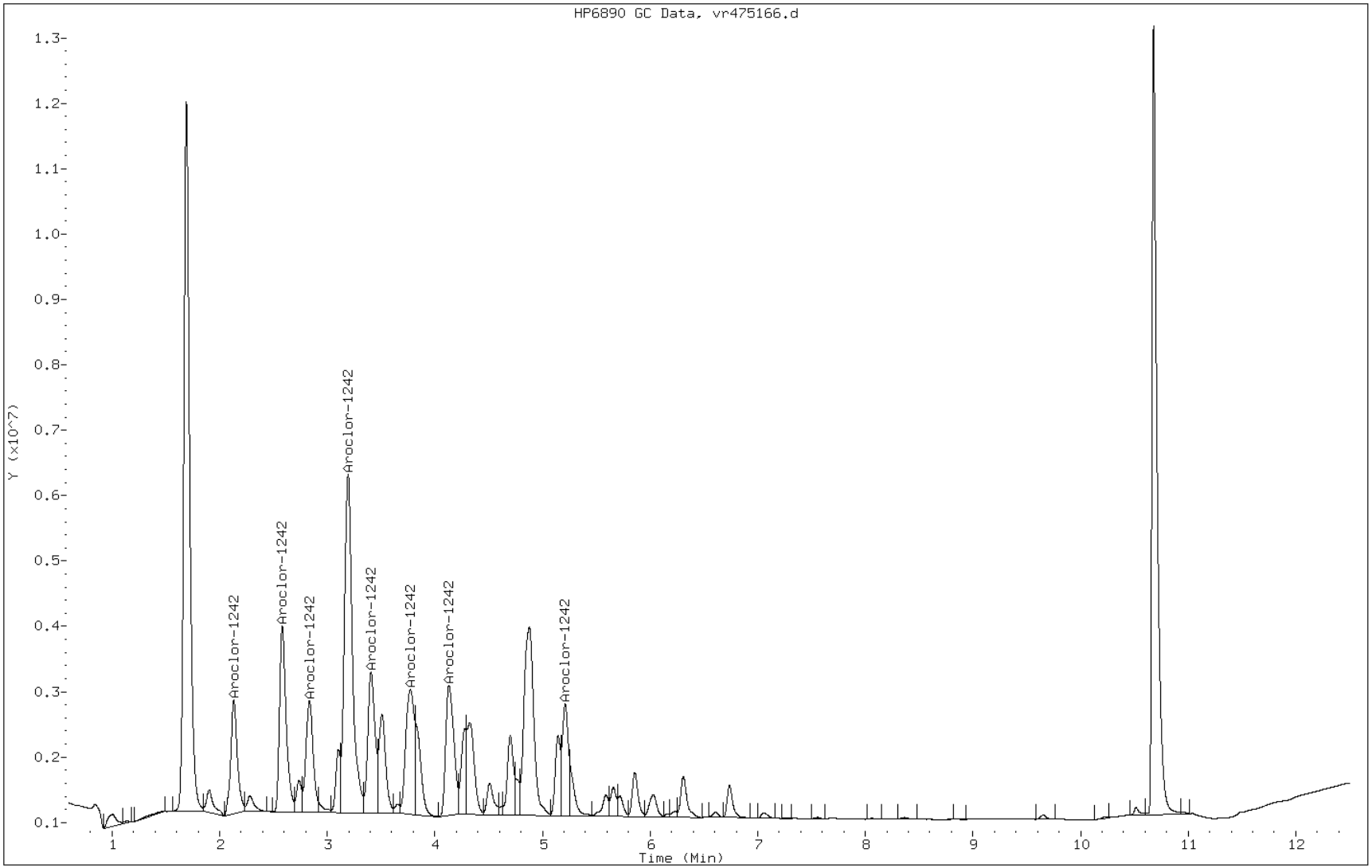
M - Compound response manually integrated.

Data File: vr475166.d

Date: 17-JUN-2012 15:22

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vf475167.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.481										3.411 - 3.551	3.481
PCB-1248 Peak 2	4.326										4.256 - 4.396	4.326
PCB-1248 Peak 3	4.756										4.686 - 4.826	4.756
PCB-1248 Peak 4	4.947										4.877 - 5.017	4.947
PCB-1248 Peak 5	5.404										5.334 - 5.474	5.404
PCB-1248 Peak 6	5.614										5.544 - 5.684	5.614
PCB-1248 Peak 7	6.059										5.989 - 6.129	6.059
PCB-1248 Peak 8	6.127										6.057 - 6.197	6.127

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vf475167.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	7243.1				Ave		7243.09800						20.0			
PCB-1248 Peak 2	17968				Ave		17968.1400						20.0			
PCB-1248 Peak 3	3233.9				Ave		3233.90100						20.0			
PCB-1248 Peak 4	10432				Ave		10432.4480						20.0			
PCB-1248 Peak 5	13766				Ave		13765.6650						20.0			
PCB-1248 Peak 6	16040				Ave		16040.1220						20.0			
PCB-1248 Peak 7	14708				Ave		14707.5790						20.0			
PCB-1248 Peak 8	22492				Ave		22492.1960						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vf475167.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	7243098					1000				
PCB-1248 Peak 2	Ave	17968140					1000				
PCB-1248 Peak 3	Ave	3233901					1000				
PCB-1248 Peak 4	Ave	10432448					1000				
PCB-1248 Peak 5	Ave	13765665					1000				
PCB-1248 Peak 6	Ave	16040122					1000				
PCB-1248 Peak 7	Ave	14707579					1000				
PCB-1248 Peak 8	Ave	22492196					1000				

Curve Type Legend:

Ave = Average

Data File: vf475167.d
Report Date: 18-Jun-2012 12:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475167.d
Lab Smp Id: SG1248L3_00013
Inj Date : 17-JUN-2012 15:38
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 87 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			
3.481	3.490	-0.009	7243098	1000.00	1000	0.00-	0.00	100.00(M)
4.326	4.335	-0.009	17968140	1000.00	1000	0.00-	0.00	248.07
4.756	4.764	-0.008	3233901	1000.00	1000	0.00-	0.00	44.65
4.947	4.955	-0.008	10432448	1000.00	1000	0.00-	0.00	144.03
5.404	5.412	-0.008	13765665	1000.00	1000	0.00-	0.00	190.05
5.614	5.621	-0.007	16040122	1000.00	1000	0.00-	0.00	221.45
6.059	6.066	-0.007	14707579	1000.00	1000	0.00-	0.00	203.06
6.127	6.135	-0.008	22492196	1000.00	1000	0.00-	0.00	310.53
Average of Peak Amounts =					1e+03			

Data File: vf475167.d
Report Date: 18-Jun-2012 12:01

QC Flag Legend

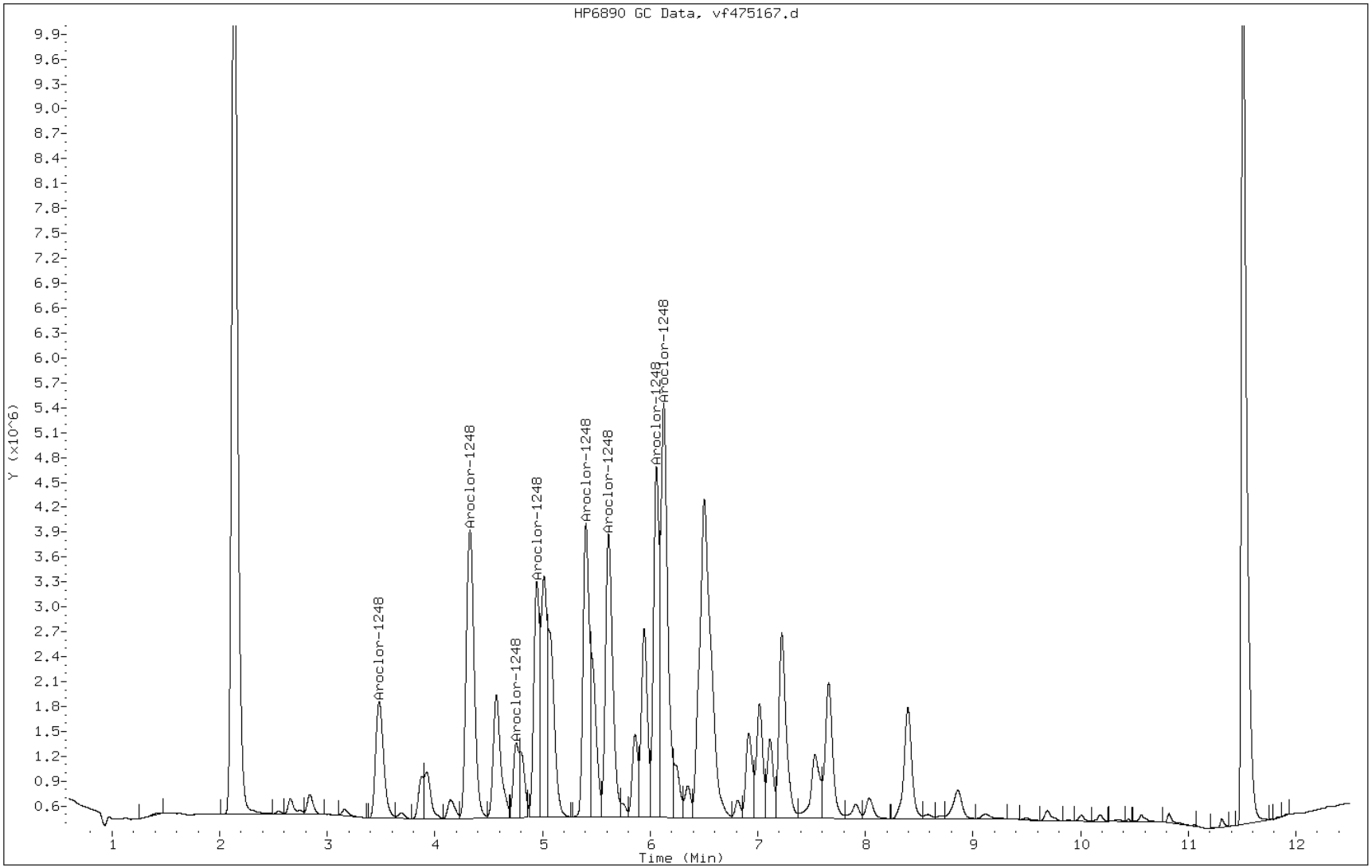
M - Compound response manually integrated.

Data File: vf475167.d

Date: 17-JUN-2012 15:38

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vr475167.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.582										2.512 - 2.652	2.582
PCB-1248 Peak 2	3.192										3.122 - 3.262	3.192
PCB-1248 Peak 3	3.507										3.437 - 3.577	3.507
PCB-1248 Peak 4	3.771										3.701 - 3.841	3.771
PCB-1248 Peak 5	4.131										4.061 - 4.201	4.131
PCB-1248 Peak 6	4.275										4.205 - 4.345	4.275
PCB-1248 Peak 7	4.702										4.632 - 4.772	4.702
PCB-1248 Peak 8	5.213										5.143 - 5.283	5.213

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vr475167.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	6143.9				Ave		6143.88200						20.0			
PCB-1248 Peak 2	16364				Ave		16364.4680						20.0			
PCB-1248 Peak 3	3670.9				Ave		3670.91100						20.0			
PCB-1248 Peak 4	16527				Ave		16527.3910						20.0			
PCB-1248 Peak 5	16355				Ave		16355.4510						20.0			
PCB-1248 Peak 6	8661.4				Ave		8661.41700						20.0			
PCB-1248 Peak 7	8346.6				Ave		8346.57500						20.0			
PCB-1248 Peak 8	12776				Ave		12775.5110						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:38 Calibration End Date: 06/17/2012 15:38 Calibration ID: 16073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/12	vr475167.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	6143882					1000				
PCB-1248 Peak 2	Ave	16364468					1000				
PCB-1248 Peak 3	Ave	3670911					1000				
PCB-1248 Peak 4	Ave	16527391					1000				
PCB-1248 Peak 5	Ave	16355451					1000				
PCB-1248 Peak 6	Ave	8661417					1000				
PCB-1248 Peak 7	Ave	8346575					1000				
PCB-1248 Peak 8	Ave	12775511					1000				

Curve Type Legend:

Ave = Average

Data File: vr475167.d
Report Date: 18-Jun-2012 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475167.d
Lab Smp Id: SG1248L3_00013
Inj Date : 17-JUN-2012 15:38
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 87 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

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE		RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
2.582	2.589	-0.007	6143882	1000.00	1000	0.00-	0.00	100.00(M)
3.192	3.199	-0.007	16364468	1000.00	1000	0.00-	0.00	266.35
3.507	3.515	-0.008	3670911	1000.00	1000	0.00-	0.00	59.75
3.771	3.776	-0.005	16527391	1000.00	1000	0.00-	0.00	269.01
4.131	4.138	-0.007	16355451	1000.00	1000	0.00-	0.00	266.21
4.275	4.281	-0.006	8661417	1000.00	1000	0.00-	0.00	140.98
4.702	4.709	-0.007	8346575	1000.00	1000	0.00-	0.00	135.85
5.213	5.220	-0.007	12775511	1000.00	1000	0.00-	0.00	207.94
Average of Peak Amounts =					1e+03			

Data File: vr475167.d
Report Date: 18-Jun-2012 13:41

QC Flag Legend

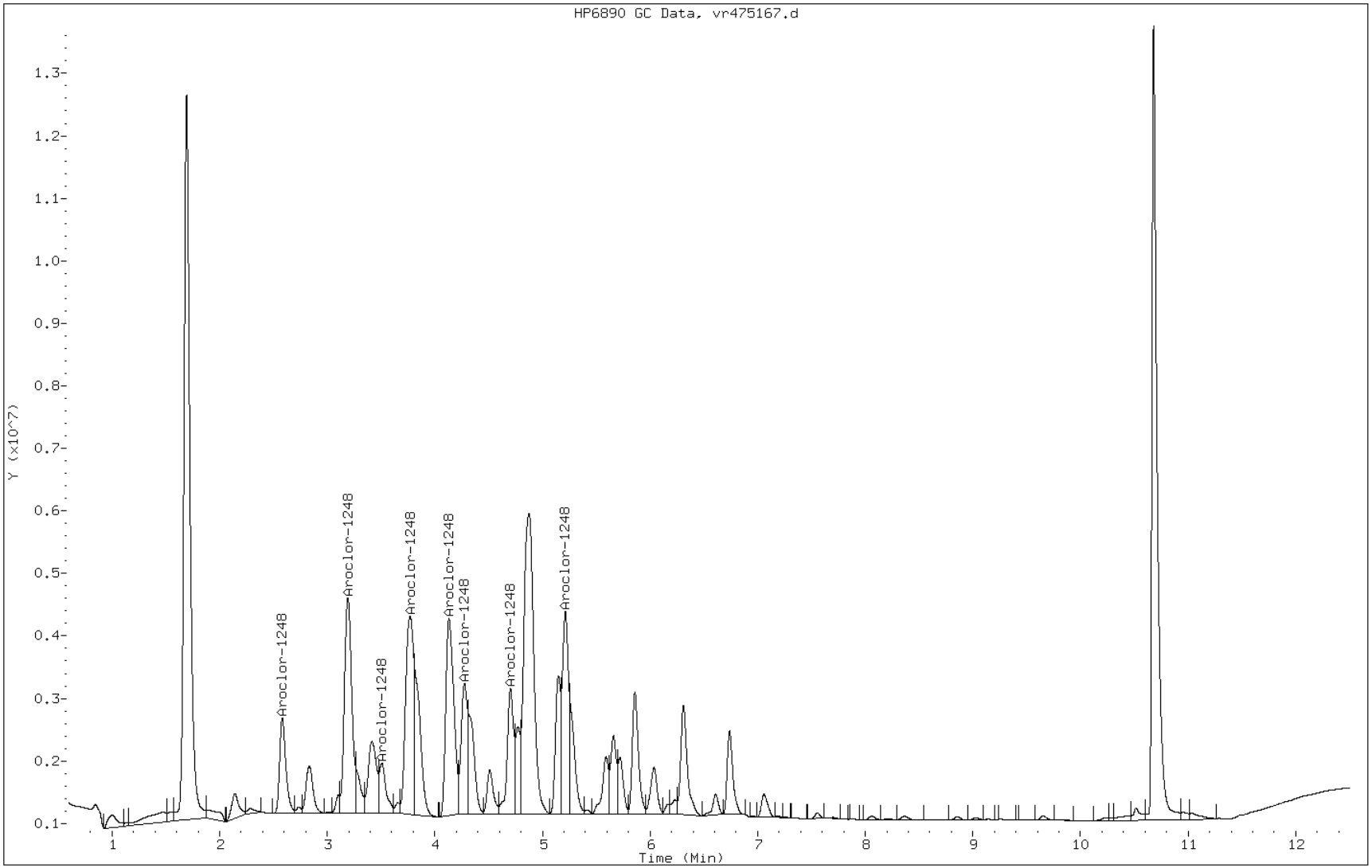
M - Compound response manually integrated.

Data File: vr475167.d

Date: 17-JUN-2012 15:38

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vf475168.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.949										4.879 - 5.019	4.949
PCB-1254 Peak 2	6.123										6.053 - 6.193	6.123
PCB-1254 Peak 3	6.454										6.384 - 6.524	6.454
PCB-1254 Peak 4	7.020										6.950 - 7.090	7.020
PCB-1254 Peak 5	7.226										7.156 - 7.296	7.226
PCB-1254 Peak 6	8.394										8.324 - 8.464	8.394
PCB-1254 Peak 7	8.864										8.794 - 8.934	8.864
PCB-1254 Peak 8	9.696										9.626 - 9.766	9.696

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vf475168.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	8874.8				Ave		8874.83700						20.0			
PCB-1254 Peak 2	19376				Ave		19376.0690						20.0			
PCB-1254 Peak 3	19197				Ave		19197.1220						20.0			
PCB-1254 Peak 4	13842				Ave		13841.5170						20.0			
PCB-1254 Peak 5	29483				Ave		29483.0380						20.0			
PCB-1254 Peak 6	16577				Ave		16576.9240						20.0			
PCB-1254 Peak 7	29538				Ave		29537.5580						20.0			
PCB-1254 Peak 8	5638.4				Ave		5638.39000						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vf475168.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	8874837					1000				
PCB-1254 Peak 2	Ave	19376069					1000				
PCB-1254 Peak 3	Ave	19197122					1000				
PCB-1254 Peak 4	Ave	13841517					1000				
PCB-1254 Peak 5	Ave	29483038					1000				
PCB-1254 Peak 6	Ave	16576924					1000				
PCB-1254 Peak 7	Ave	29537558					1000				
PCB-1254 Peak 8	Ave	5638390					1000				

Curve Type Legend:
Ave = Average

Data File: vf475168.d
Report Date: 18-Jun-2012 12:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475168.d
Lab Smp Id: SG1254L3_00013
Inj Date : 17-JUN-2012 15:54
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 88 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			
4.949	4.954	-0.005	8874837	1000.00	1000	0.00-	0.00	100.00(M)
6.123	6.128	-0.005	19376069	1000.00	1000	0.00-	0.00	218.33
6.454	6.459	-0.005	19197122	1000.00	1000	0.00-	0.00	216.31
7.020	7.026	-0.006	13841517	1000.00	1000	0.00-	0.00	155.96
7.226	7.233	-0.007	29483038	1000.00	1000	0.00-	0.00	332.21
8.394	8.400	-0.006	16576924	1000.00	1000	0.00-	0.00	186.79
8.864	8.870	-0.006	29537558	1000.00	1000	0.00-	0.00	332.82
9.696	9.704	-0.008	5638390	1000.00	1000	0.00-	0.00	63.53
Average of Peak Amounts =					1e+03			

Data File: vf475168.d
Report Date: 18-Jun-2012 12:02

QC Flag Legend

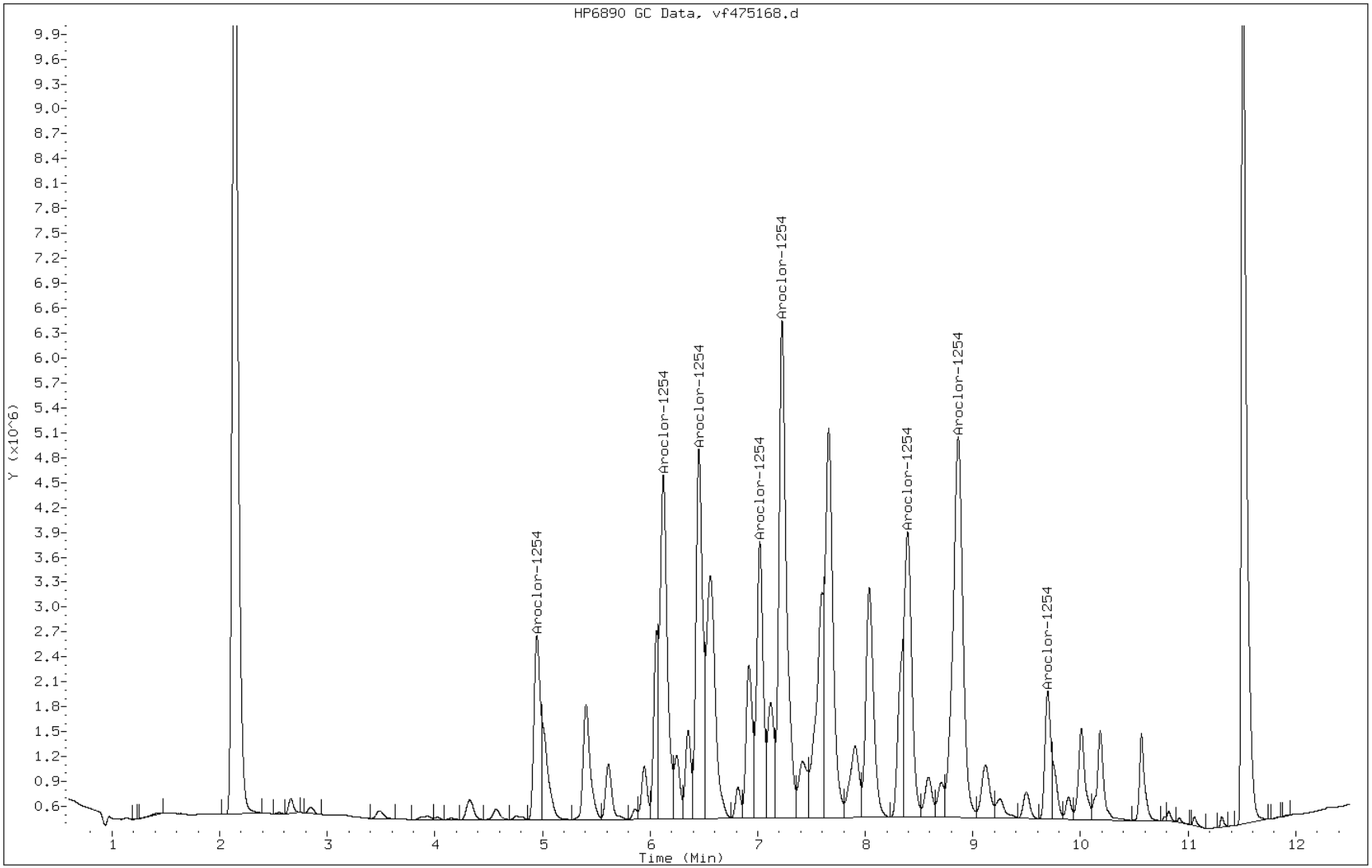
M - Compound response manually integrated.

Data File: vf475168.d

Date: 17-JUN-2012 15:54

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vr475168.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.779										4.709 - 4.849	4.779
PCB-1254 Peak 2	4.850										4.780 - 4.920	4.850
PCB-1254 Peak 3	5.220										5.150 - 5.290	5.220
PCB-1254 Peak 4	5.660										5.590 - 5.730	5.660
PCB-1254 Peak 5	5.861										5.791 - 5.931	5.861
PCB-1254 Peak 6	6.311										6.241 - 6.381	6.311
PCB-1254 Peak 7	6.611										6.541 - 6.681	6.611
PCB-1254 Peak 8	7.061										6.991 - 7.131	7.061

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vr475168.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	12492				Ave		12492.1540						20.0			
PCB-1254 Peak 2	14015				Ave		14014.5250						20.0			
PCB-1254 Peak 3	18793				Ave		18793.4030						20.0			
PCB-1254 Peak 4	13326				Ave		13325.7940						20.0			
PCB-1254 Peak 5	24887				Ave		24886.9030						20.0			
PCB-1254 Peak 6	23067				Ave		23067.0100						20.0			
PCB-1254 Peak 7	19072				Ave		19071.7760						20.0			
PCB-1254 Peak 8	25296				Ave		25296.2880						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 15:54 Calibration End Date: 06/17/2012 15:54 Calibration ID: 16075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/13	vr475168.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	12492154					1000				
PCB-1254 Peak 2	Ave	14014525					1000				
PCB-1254 Peak 3	Ave	18793403					1000				
PCB-1254 Peak 4	Ave	13325794					1000				
PCB-1254 Peak 5	Ave	24886903					1000				
PCB-1254 Peak 6	Ave	23067010					1000				
PCB-1254 Peak 7	Ave	19071776					1000				
PCB-1254 Peak 8	Ave	25296288					1000				

Curve Type Legend:

Ave = Average

Data File: vr475168.d
Report Date: 18-Jun-2012 13:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475168.d
Lab Smp Id: SG1254L3_00013
Inj Date : 17-JUN-2012 15:54
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 88 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

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE		RATIO
26 Aroclor-1254					CAS #: 11097-69-1			
4.779	4.784	-0.005	12492154	1000.00	1000	0.00-	0.00	100.00(M)
4.850	4.854	-0.004	14014525	1000.00	1000	0.00-	0.00	112.19
5.220	5.224	-0.004	18793403	1000.00	1000	0.00-	0.00	150.44
5.660	5.664	-0.004	13325794	1000.00	1000	0.00-	0.00	106.67
5.861	5.864	-0.003	24886903	1000.00	1000	0.00-	0.00	199.22
6.311	6.316	-0.005	23067010	1000.00	1000	0.00-	0.00	184.65
6.611	6.616	-0.005	19071776	1000.00	1000	0.00-	0.00	152.67
7.061	7.067	-0.006	25296288	1000.00	1000	0.00-	0.00	202.50
Average of Peak Amounts =					1e+03			

Data File: vr475168.d
Report Date: 18-Jun-2012 13:42

QC Flag Legend

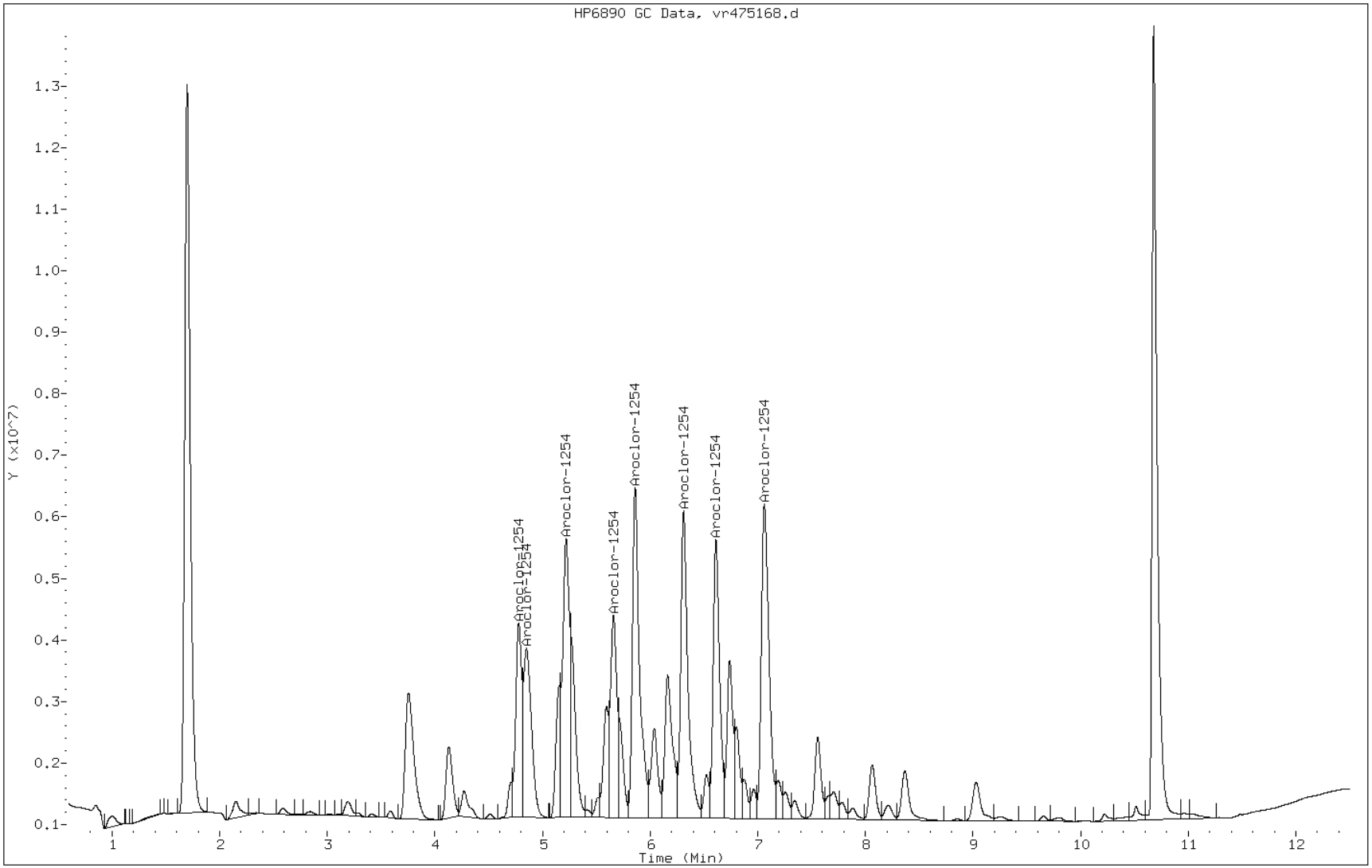
M - Compound response manually integrated.

Data File: vr475168.d

Date: 17-JUN-2012 15:54

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vf475169.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.598										7.528 - 7.668	7.598
PCB-1262 Peak 2	8.040										7.970 - 8.110	8.040
PCB-1262 Peak 3	9.114										9.044 - 9.184	9.114
PCB-1262 Peak 4	9.767										9.697 - 9.837	9.767
PCB-1262 Peak 5	10.566										10.496 - 10.636	10.566
PCB-1262 Peak 6	10.602										10.532 - 10.672	10.602
PCB-1262 Peak 7	11.062										10.992 - 11.132	11.063
PCB-1262 Peak 8	11.316										11.246 - 11.386	11.316

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vf475169.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	18775				Ave		18774.9680						20.0			
PCB-1262 Peak 2	22859				Ave		22859.3170						20.0			
PCB-1262 Peak 3	30797				Ave		30797.3340						20.0			
PCB-1262 Peak 4	22524				Ave		22523.8840						20.0			
PCB-1262 Peak 5	23026				Ave		23025.9730						20.0			
PCB-1262 Peak 6	27304				Ave		27303.6520						20.0			
PCB-1262 Peak 7	15492				Ave		15492.4620						20.0			
PCB-1262 Peak 8	3868.1				Ave		3868.09500						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vf475169.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	18774968					1000				
PCB-1262 Peak 2	Ave	22859317					1000				
PCB-1262 Peak 3	Ave	30797334					1000				
PCB-1262 Peak 4	Ave	22523884					1000				
PCB-1262 Peak 5	Ave	23025973					1000				
PCB-1262 Peak 6	Ave	27303652					1000				
PCB-1262 Peak 7	Ave	15492462					1000				
PCB-1262 Peak 8	Ave	3868095					1000				

Curve Type Legend:

Ave = Average

Data File: vf475169.d
Report Date: 18-Jun-2012 12:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475169.d
Lab Smp Id: SG1262L3_00012
Inj Date : 17-JUN-2012 16:10
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 89 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	AMOUNTS ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
53 Aroclor-1262					CAS #: 37324-23-5			
7.598	7.606	-0.008	18774968	1000.00	1000	0.00-	0.00	100.00
8.040	8.046	-0.006	22859317	1000.00	1000	0.00-	0.00	121.75
9.114	9.123	-0.009	30797334	1000.00	1000	0.00-	0.00	164.03
9.767	9.777	-0.010	22523884	1000.00	1000	0.00-	0.00	119.97
10.566	10.572	-0.006	23025973	1000.00	1000	0.00-	0.00	122.64
10.602	10.609	-0.007	27303652	1000.00	1000	0.00-	0.00	145.43
11.062	11.069	-0.007	15492462	1000.00	1000	0.00-	0.00	82.52
11.316	11.324	-0.008	3868095	1000.00	1000	0.00-	0.00	20.60
Average of Peak Amounts =					1e+03			

Data File: vf475169.d

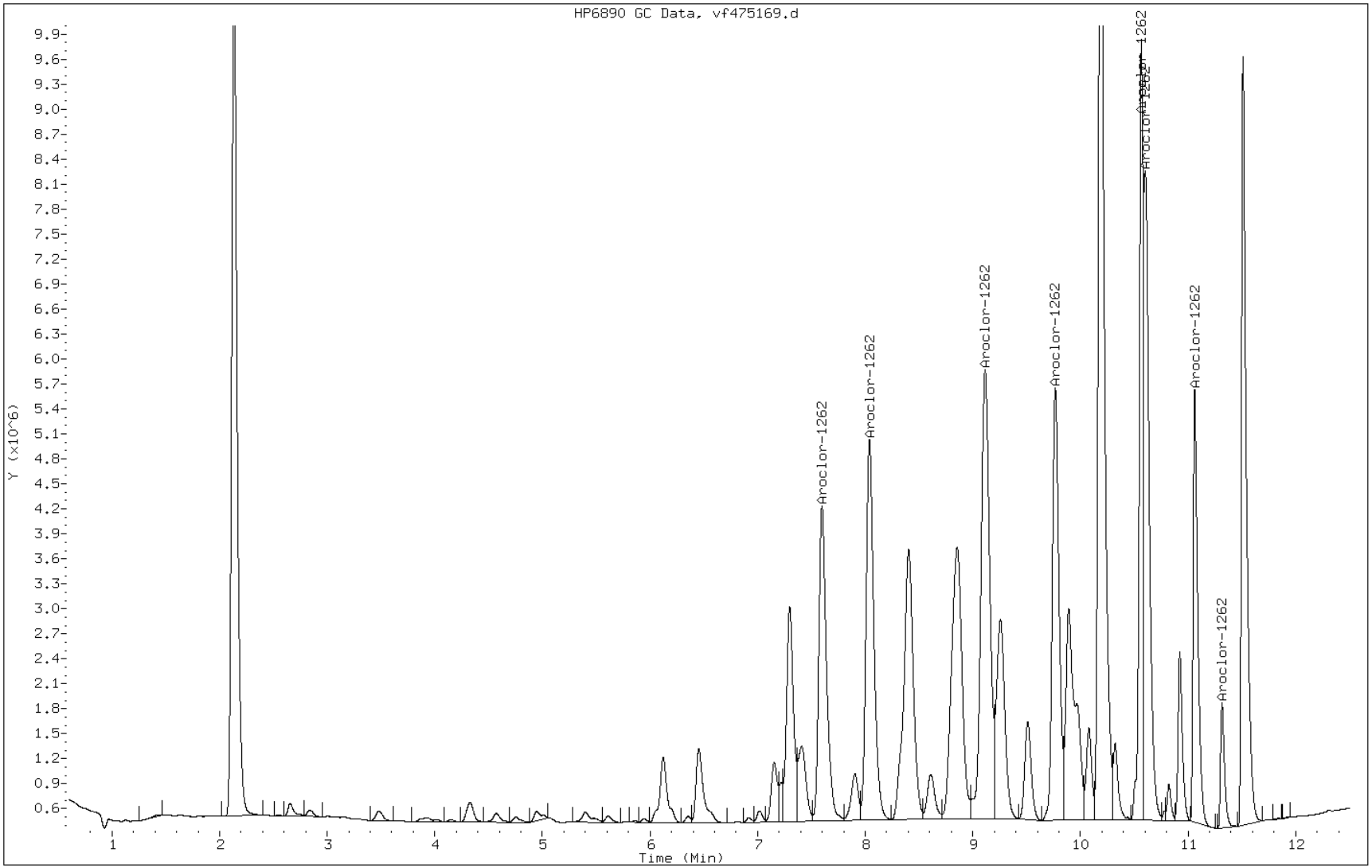
Date: 17-JUN-2012 16:10

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16077

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vr475169.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.938										5.868 - 6.008	5.938
PCB-1262 Peak 2	6.162										6.092 - 6.232	6.162
PCB-1262 Peak 3	7.060										6.990 - 7.130	7.060
PCB-1262 Peak 4	7.267										7.197 - 7.337	7.267
PCB-1262 Peak 5	7.715										7.645 - 7.785	7.715
PCB-1262 Peak 6	9.033										8.963 - 9.103	9.033
PCB-1262 Peak 7	9.259										9.189 - 9.329	9.259
PCB-1262 Peak 8	10.226										10.156 - 10.296	10.226

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16077

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vr475169.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	11657				Ave		11656.9690						20.0			
PCB-1262 Peak 2	15831				Ave		15830.8650						20.0			
PCB-1262 Peak 3	11614				Ave		11613.6210						20.0			
PCB-1262 Peak 4	30215				Ave		30214.5730						20.0			
PCB-1262 Peak 5	20751				Ave		20751.1610						20.0			
PCB-1262 Peak 6	16459				Ave		16458.6130						20.0			
PCB-1262 Peak 7	23656				Ave		23655.6080						20.0			
PCB-1262 Peak 8	18355				Ave		18355.2460						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:10 Calibration End Date: 06/17/2012 16:10 Calibration ID: 16077

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/14	vr475169.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	11656969					1000				
PCB-1262 Peak 2	Ave	15830865					1000				
PCB-1262 Peak 3	Ave	11613621					1000				
PCB-1262 Peak 4	Ave	30214573					1000				
PCB-1262 Peak 5	Ave	20751161					1000				
PCB-1262 Peak 6	Ave	16458613					1000				
PCB-1262 Peak 7	Ave	23655608					1000				
PCB-1262 Peak 8	Ave	18355246					1000				

Curve Type Legend:

Ave = Average

Data File: vr475169.d
Report Date: 18-Jun-2012 13:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475169.d
Lab Smp Id: SG1262L3_00012
Inj Date : 17-JUN-2012 16:10
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1262L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 89 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

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE		RATIO
53 Aroclor-1262					CAS #: 37324-23-5			
5.938	5.945	-0.007	11656969	1000.00	1000	0.00-	0.00	100.00(M)
6.162	6.169	-0.007	15830865	1000.00	1000	0.00-	0.00	135.81
7.060	7.067	-0.007	11613621	1000.00	1000	0.00-	0.00	99.63
7.267	7.273	-0.006	30214573	1000.00	1000	0.00-	0.00	259.20
7.715	7.721	-0.006	20751161	1000.00	1000	0.00-	0.00	178.02
9.033	9.041	-0.008	16458613	1000.00	1000	0.00-	0.00	141.19
9.259	9.266	-0.007	23655608	1000.00	1000	0.00-	0.00	202.93
10.226	10.230	-0.004	18355246	1000.00	1000	0.00-	0.00	157.46
Average of Peak Amounts =					1e+03			

Data File: vr475169.d
Report Date: 18-Jun-2012 13:43

QC Flag Legend

M - Compound response manually integrated.

Data File: vr475169.d

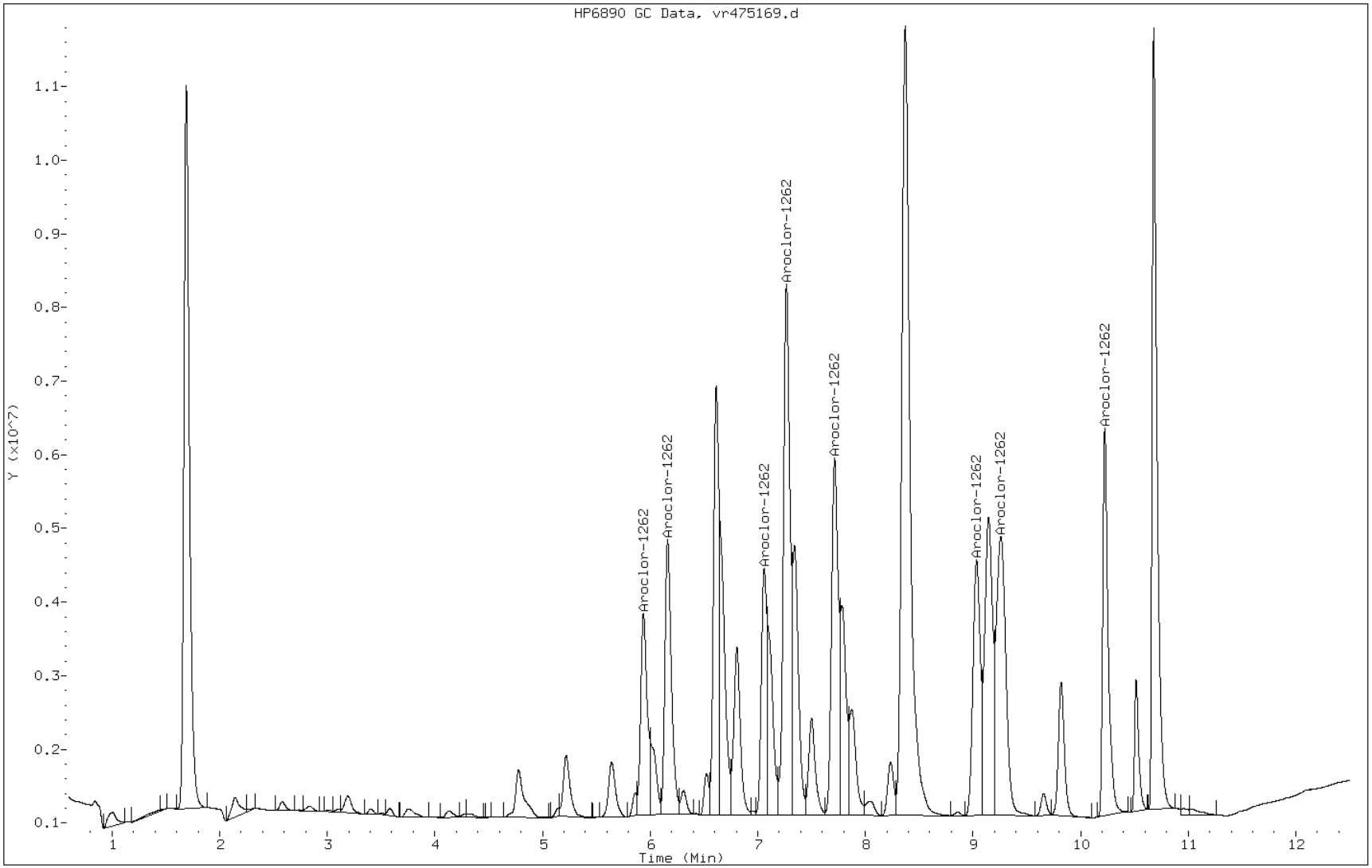
Date: 17-JUN-2012 16:10

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vf475170.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.114										9.044 - 9.184	9.114
PCB-1268 Peak 2	9.774										9.704 - 9.844	9.774
PCB-1268 Peak 3	10.564										10.494 - 10.634	10.565
PCB-1268 Peak 4	10.602										10.532 - 10.672	10.602
PCB-1268 Peak 5	10.824										10.754 - 10.894	10.825
PCB-1268 Peak 6	10.905										10.835 - 10.975	10.905
PCB-1268 Peak 7	11.063										10.993 - 11.133	11.063
PCB-1268 Peak 8	11.319										11.249 - 11.389	11.320

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vf475170.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	11841				Ave		11840.9867						20.0			
PCB-1268 Peak 2	15464				Ave		15463.6580						20.0			
PCB-1268 Peak 3	30719				Ave		30719.0118						20.0			
PCB-1268 Peak 4	67285				Ave		67284.9564						20.0			
PCB-1268 Peak 5	37120				Ave		37119.9870						20.0			
PCB-1268 Peak 6	13720				Ave		13719.8120						20.0			
PCB-1268 Peak 7	16138				Ave		16138.3278						20.0			
PCB-1268 Peak 8	99356				Ave		99356.1946						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vf475170.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	11840986					1000				
PCB-1268 Peak 2	Ave	15463657					1000				
PCB-1268 Peak 3	Ave	30719011					1000				
PCB-1268 Peak 4	Ave	67284956					1000				
PCB-1268 Peak 5	Ave	37119987					1000				
PCB-1268 Peak 6	Ave	13719811					1000				
PCB-1268 Peak 7	Ave	16138327					1000				
PCB-1268 Peak 8	Ave	99356194					1000				

Curve Type Legend:
Ave = Average

Data File: vf475170.d
Report Date: 18-Jun-2012 12:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/vf475170.d
Lab Smp Id: SG1268L3_00013
Inj Date : 17-JUN-2012 16:26
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-17-12ical/17june12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 11:57 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 90 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			
9.114	9.123	-0.009	11840986	1000.00	1000	0.00-	0.00	100.00(M)
9.774	9.784	-0.010	15463657	1000.00	1000	0.00-	0.00	130.59
10.564	10.571	-0.007	30719011	1000.00	1000	0.00-	0.00	259.43
10.602	10.609	-0.007	67284956	1000.00	1000	0.00-	0.00	568.24
10.824	10.831	-0.007	37119987	1000.00	1000	0.00-	0.00	313.49
10.905	10.911	-0.006	13719811	1000.00	1000	0.00-	0.00	115.87
11.063	11.068	-0.005	16138327	1000.00	1000	0.00-	0.00	136.29
11.319	11.324	-0.005	99356194	1000.00	1000	0.00-	0.00	839.09
Average of Peak Amounts =					1e+03			

Data File: vf475170.d
Report Date: 18-Jun-2012 12:03

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475170.d

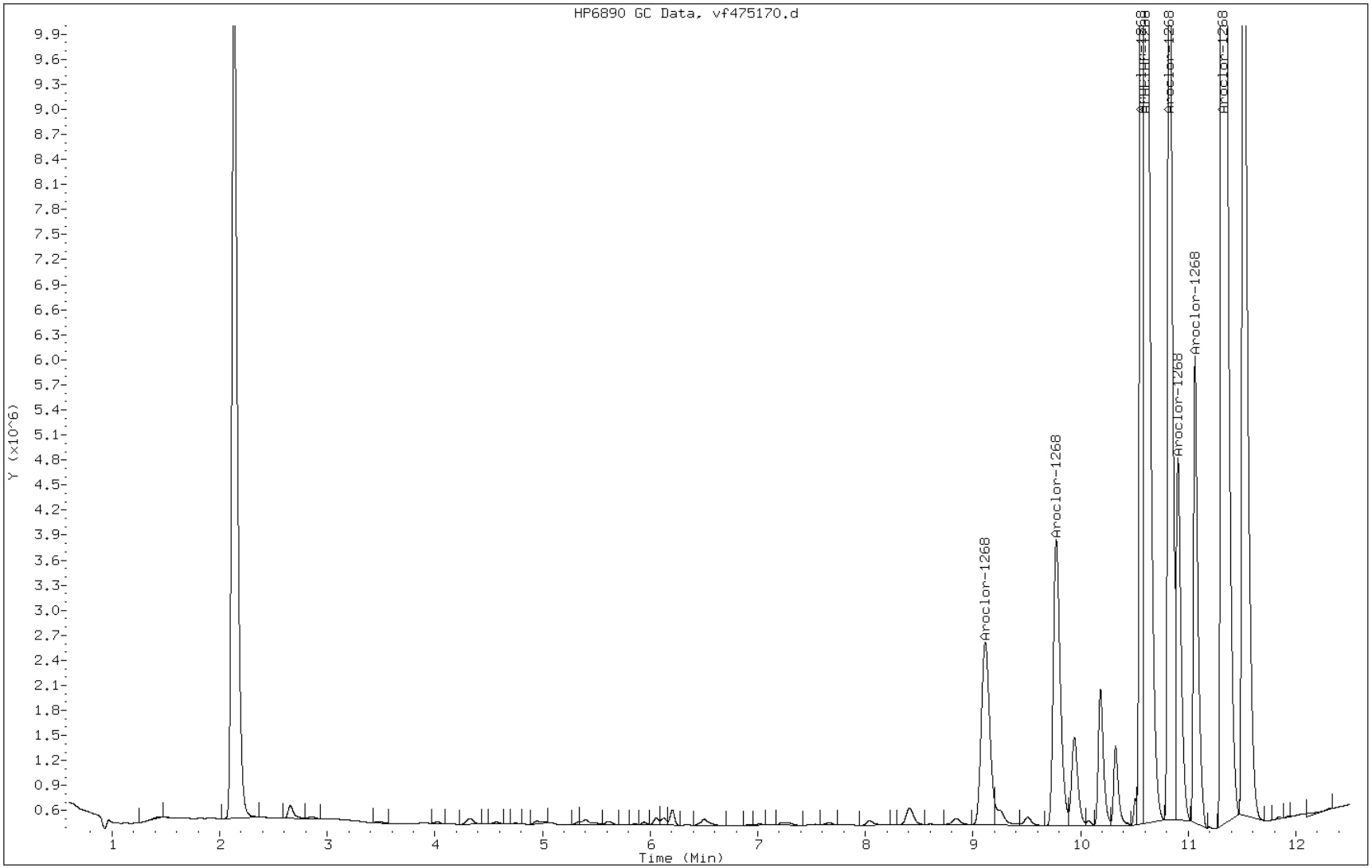
Date: 17-JUN-2012 16:26

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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vr475170.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.266										7.196 - 7.336	7.266
PCB-1268 Peak 2	7.709										7.639 - 7.779	7.709
PCB-1268 Peak 3	9.148										9.078 - 9.218	9.148
PCB-1268 Peak 4	9.246										9.176 - 9.316	9.246
PCB-1268 Peak 5	9.659										9.589 - 9.729	9.659
PCB-1268 Peak 6	9.810										9.740 - 9.880	9.810
PCB-1268 Peak 7	10.225										10.155 - 10.295	10.225
PCB-1268 Peak 8	10.517										10.447 - 10.587	10.517

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vr475170.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	12683				Ave		12683.3930						20.0			
PCB-1268 Peak 2	16707				Ave		16706.5340						20.0			
PCB-1268 Peak 3	57907				Ave		57907.3120						20.0			
PCB-1268 Peak 4	61270				Ave		61269.6950						20.0			
PCB-1268 Peak 5	46622				Ave		46621.7150						20.0			
PCB-1268 Peak 6	13608				Ave		13608.4310						20.0			
PCB-1268 Peak 7	19311				Ave		19311.0420						20.0			
PCB-1268 Peak 8	110609				Ave		110608.530						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.: 460-41492-1 Analy Batch No.: 116500

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2012 16:26 Calibration End Date: 06/17/2012 16:26 Calibration ID: 16079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-116500/15	vr475170.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	12683393					1000				
PCB-1268 Peak 2	Ave	16706534					1000				
PCB-1268 Peak 3	Ave	57907312					1000				
PCB-1268 Peak 4	Ave	61269695					1000				
PCB-1268 Peak 5	Ave	46621715					1000				
PCB-1268 Peak 6	Ave	13608431					1000				
PCB-1268 Peak 7	Ave	19311042					1000				
PCB-1268 Peak 8	Ave	110608530					1000				

Curve Type Legend:
Ave = Average

Data File: vr475170.d
Report Date: 18-Jun-2012 13:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/vr475170.d
Lab Smp Id: SG1268L3_00013
Inj Date : 17-JUN-2012 16:26
Operator : 615 Inst ID: PESTGC9.i
Smp Info : SG1268L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b/08Vr8082.m
Meth Date : 18-Jun-2012 13:34 selbyc Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 90 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

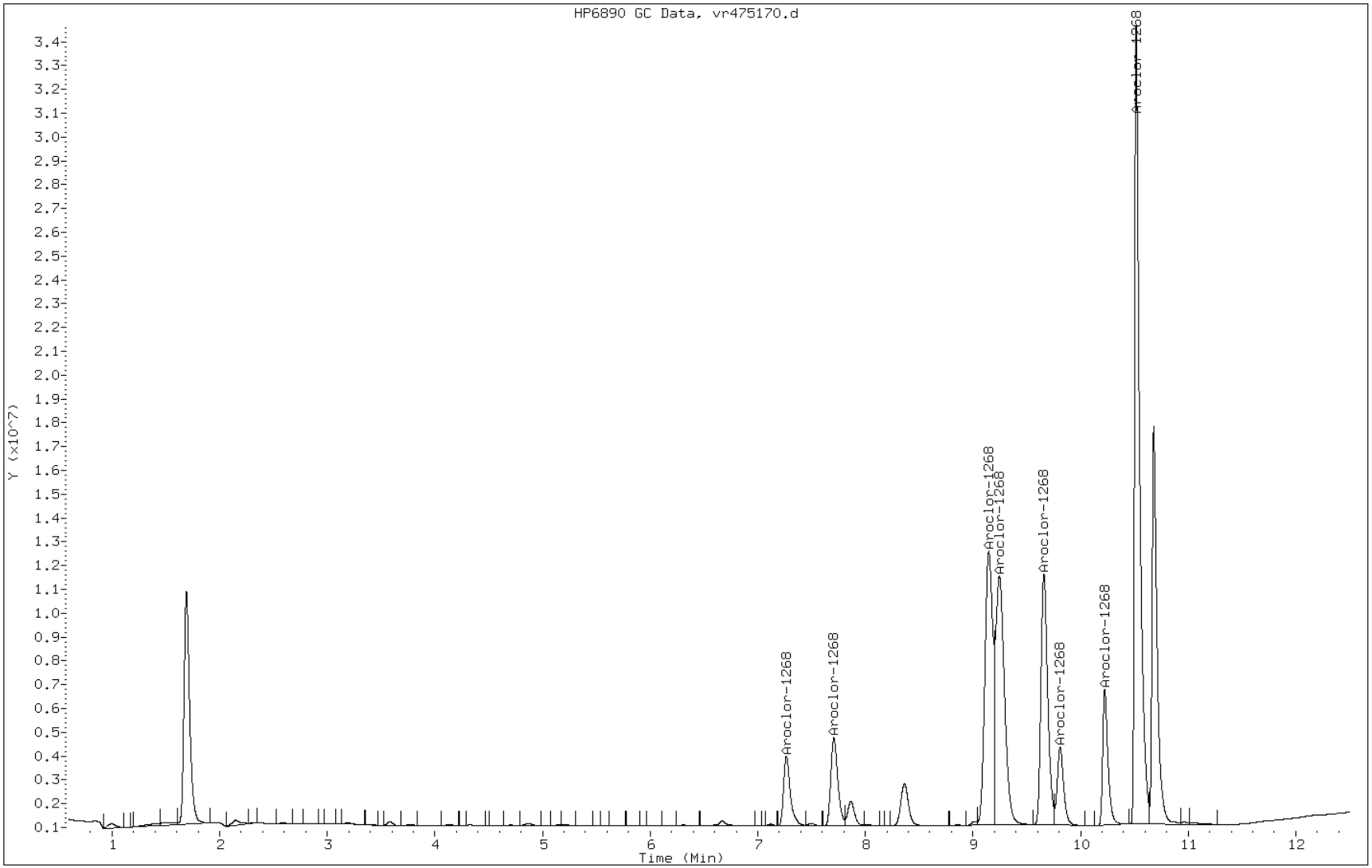
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
54 Aroclor-1268					CAS #: 11100-14-4			
7.266	7.273	-0.007	12683393	1000.00	1000	0.00-	0.00	100.00
7.709	7.715	-0.006	16706534	1000.00	1000	0.00-	0.00	131.72
9.148	9.156	-0.008	57907312	1000.00	1000	0.00-	0.00	456.56
9.246	9.253	-0.007	61269695	1000.00	1000	0.00-	0.00	483.07
9.659	9.665	-0.006	46621715	1000.00	1000	0.00-	0.00	367.58
9.810	9.816	-0.006	13608431	1000.00	1000	0.00-	0.00	107.29
10.225	10.230	-0.005	19311042	1000.00	1000	0.00-	0.00	152.25
10.517	10.520	-0.003	110608530	1000.00	1000	0.00-	0.00	872.07
Average of Peak Amounts =					1e+03			

Data File: vr475170.d

Date: 17-JUN-2012 16:26

Client ID: Instrument: PESTGC9.i

Sample Info: SG1268L3_00013 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117281/3 Calibration Date: 06/21/2012 19:30

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qf086507.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	6123	6716		1100	1000	9.7	15.0
PCB-1016 Peak 2	Ave	12951	14537		1120	1000	12.2	15.0
PCB-1016 Peak 3	Ave	5475	5994		1090	1000	9.5	15.0
PCB-1016 Peak 4	Ave	26456	28030		1060	1000	5.9	15.0
PCB-1016 Peak 5	Ave	11854	12038		1020	1000	1.6	15.0
PCB-1016 Peak 6	Ave	7065	7428		1050	1000	5.1	15.0
PCB-1016 Peak 7	Ave	7982	9263		1160	1000	16.0*	15.0
PCB-1016 Peak 8	Ave	7646	8197		1070	1000	7.2	15.0
PCB-1260 Peak 1	Ave	17972	20243		1130	1000	12.6	15.0
PCB-1260 Peak 2	Ave	23543	26110		1110	1000	10.9	15.0
PCB-1260 Peak 3	Ave	29068	33212		1140	1000	14.3	15.0
PCB-1260 Peak 4	Ave	16203	18508		1140	1000	14.2	15.0
PCB-1260 Peak 5	Ave	8042	9423		1170	1000	17.2*	15.0
PCB-1260 Peak 6	Ave	13065	14842		1140	1000	13.6	15.0
PCB-1260 Peak 7	Ave	16592	16483		993	1000	-0.7	15.0
PCB-1260 Peak 8	Ave	6135	6815		1110	1000	11.1	15.0
DCB Decachlorobiphenyl	Ave	236934	236511		99.8	100	-0.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117281/3 Calibration Date: 06/21/2012 19:30

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qf086507.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.83	2.78	2.92
PCB-1016 Peak 2	3.48	3.43	3.57
PCB-1016 Peak 3	3.93	3.88	4.02
PCB-1016 Peak 4	4.33	4.28	4.42
PCB-1016 Peak 5	4.57	4.52	4.66
PCB-1016 Peak 6	5.01	4.96	5.10
PCB-1016 Peak 7	5.40	5.35	5.49
PCB-1016 Peak 8	5.61	5.56	5.70
PCB-1260 Peak 1	7.60	7.55	7.69
PCB-1260 Peak 2	8.05	7.99	8.13
PCB-1260 Peak 3	8.88	8.83	8.97
PCB-1260 Peak 4	9.14	9.09	9.23
PCB-1260 Peak 5	9.28	9.23	9.37
PCB-1260 Peak 6	9.77	9.72	9.86
PCB-1260 Peak 7	10.56	10.49	10.63
PCB-1260 Peak 8	11.05	10.98	11.12
DCB Decachlorobiphenyl	11.51	11.41	11.61

Data File: qf086507.d
Report Date: 24-Jun-2012 15:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086507.d
Lab Smp Id: ccvrt-SG1660L3_0001
Inj Date : 21-JUN-2012 19:30
Operator : 615 Inst ID: PESTGC8.i
Smp Info : ccvrt-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.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		
2.829	2.847	-0.018	6716491	1096.92	730	80.00- 120.00	100.00(M)
3.481	3.502	-0.021	14537194	1122.48	750	174.18- 261.27	216.44
3.926	3.946	-0.020	5994380	1094.77	730	71.62- 107.44	89.25
4.326	4.346	-0.020	28029653	1059.50	710	342.23- 513.34	417.33
4.574	4.592	-0.018	12038486	1015.54	680	148.40- 222.59	179.24
5.013	5.030	-0.017	7427805	1051.40	700	92.36- 138.55	110.59
5.401	5.419	-0.018	9262972	1160.47	770	101.28- 151.92	137.91
5.611	5.629	-0.018	8196739	1071.99	710	103.99- 155.99	122.04
Average of Peak Concentrations =					720		
27 Aroclor-1260					CAS #: 11096-82-5		
7.600	7.619	-0.019	20243448	1126.40	750	80.00- 120.00	100.00(M)

Data File: qf086507.d
Report Date: 24-Jun-2012 15:19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.045	8.064	-0.019	26109868	1109.05	740	107.63- 161.45	128.98
8.882	8.904	-0.022	33211553	1142.54	760	137.55- 206.32	164.06
9.140	9.162	-0.022	18508241	1142.30	760	77.70- 116.54	91.43
9.283	9.302	-0.019	9422851	1171.77	780	40.54- 60.81	46.55
9.774	9.791	-0.017	14842079	1136.01	760	61.23- 91.85	73.32
10.556	10.564	-0.008	16483199	993.466	660	75.66- 113.48	81.42
11.050	11.053	-0.003	6815236	1110.94	740	28.48- 42.73	33.67
		Average of Peak Concentrations =			740		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.510	11.508	0.002	23651085	99.8214	66	80.00- 120.00	100.00(R)

QC Flag Legend

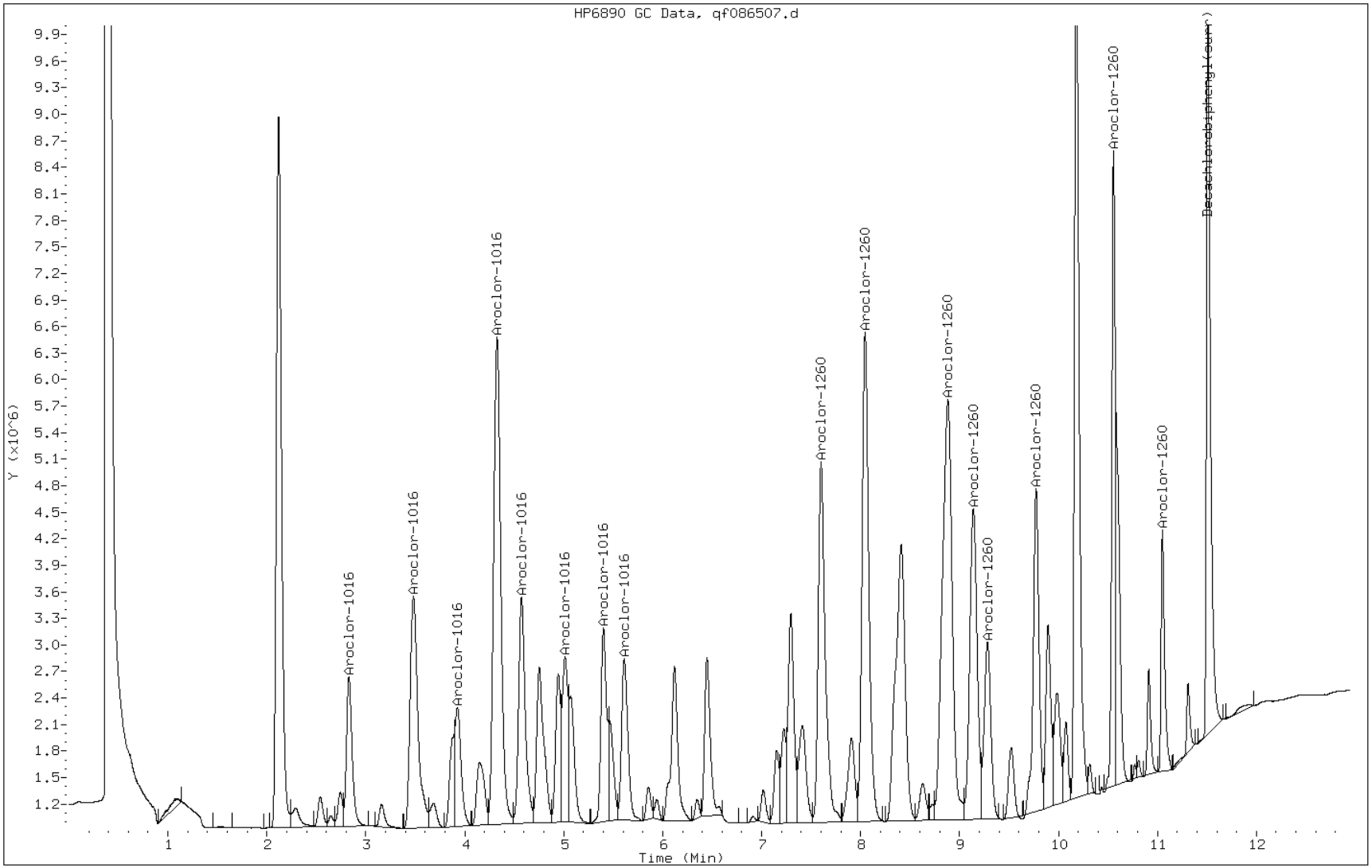
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: qf086507.d

Date: 21-JUN-2012 19:30

Client ID: Instrument: PESTGC8.i

Sample Info: ccvrt-SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117281/3 Calibration Date: 06/21/2012 19:30

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qr086507.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	9138	9223		1010	1000	0.9	15.0
PCB-1016 Peak 2	Ave	16133	16608		1030	1000	2.9	15.0
PCB-1016 Peak 3	Ave	10643	11601		1090	1000	9.0	15.0
PCB-1016 Peak 4	Ave	36410	36966		1020	1000	1.5	15.0
PCB-1016 Peak 5	Ave	13934	14359		1030	1000	3.0	15.0
PCB-1016 Peak 6	Ave	14440	14770		1020	1000	2.3	15.0
PCB-1016 Peak 7	Ave	14096	14370		1020	1000	1.9	15.0
PCB-1016 Peak 8	Ave	6138	6491		1060	1000	5.8	15.0
PCB-1260 Peak 1	Ave	22401	22019		983	1000	-1.7	15.0
PCB-1260 Peak 2	Ave	42922	42380		987	1000	-1.3	15.0
PCB-1260 Peak 3	Ave	38576	38358		994	1000	-0.6	15.0
PCB-1260 Peak 4	Ave	20687	20244		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	19062	18723		982	1000	-1.8	15.0
PCB-1260 Peak 6	Ave	22485	23333		1040	1000	3.8	15.0
PCB-1260 Peak 7	Ave	12615	13182		1040	1000	4.5	15.0
PCB-1260 Peak 8	Ave	9823	10401		1060	1000	5.9	15.0
DCB Decachlorobiphenyl	Ave	340591	316533		92.9	100	-7.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117281/3 Calibration Date: 06/21/2012 19:30

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qr086507.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	2.00	2.14
PCB-1016 Peak 2	2.50	2.45	2.59
PCB-1016 Peak 3	2.75	2.70	2.84
PCB-1016 Peak 4	3.11	3.05	3.19
PCB-1016 Peak 5	3.31	3.26	3.40
PCB-1016 Peak 6	3.67	3.61	3.75
PCB-1016 Peak 7	4.03	3.97	4.11
PCB-1016 Peak 8	4.18	4.10	4.24
PCB-1260 Peak 1	6.07	6.01	6.15
PCB-1260 Peak 2	6.53	6.46	6.60
PCB-1260 Peak 3	6.97	6.91	7.05
PCB-1260 Peak 4	7.17	7.11	7.25
PCB-1260 Peak 5	7.61	7.54	7.68
PCB-1260 Peak 6	8.89	8.83	8.97
PCB-1260 Peak 7	9.12	9.06	9.20
PCB-1260 Peak 8	10.17	10.11	10.25
DCB Decachlorobiphenyl	10.65	10.55	10.75

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086507.d
Lab Smp Id: ccvrt-SG1660L3_0001
Inj Date : 21-JUN-2012 19:30
Operator : 615 Inst ID: PESTGC8.i
Smp Info : ccvrt-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.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		
2.048	2.069	-0.021	9222826	1009.27	670	80.00- 120.00	100.00(M)
2.500	2.518	-0.018	16607874	1029.46	690	138.84- 208.26	180.07
2.752	2.770	-0.018	11600529	1089.97	730	93.85- 140.78	125.78
3.108	3.124	-0.016	36966473	1015.28	680	316.73- 475.10	400.82
3.310	3.326	-0.016	14359125	1030.48	690	124.02- 186.03	155.69
3.668	3.684	-0.016	14769807	1022.84	680	131.65- 197.48	160.14
4.030	4.044	-0.014	14370416	1019.45	680	129.06- 193.59	155.81
4.177	4.175	0.002	6491150	1057.60	700	57.57- 86.36	70.38
		Average of Peak Concentrations =			690		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.079	-0.007	22018615	982.926	660	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)							
6.525	6.533	-0.008	42379614	987.355	660	156.71- 235.07	192.47
6.968	6.975	-0.007	38357613	994.344	660	144.29- 216.43	174.21
7.169	7.176	-0.007	20243869	978.591	650	78.18- 117.27	91.94
7.606	7.613	-0.007	18722807	982.183	650	71.19- 106.78	85.03
8.895	8.904	-0.009	23332661	1037.71	690	91.06- 136.58	105.97
9.118	9.126	-0.008	13182346	1044.98	700	51.92- 77.88	59.87
10.172	10.177	-0.005	10401059	1058.84	700	42.78- 64.17	47.24
		Average of Peak Concentrations =			670		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.650	10.651	-0.001	31653334	92.9365	62	80.00- 120.00	100.00(R)

QC Flag Legend

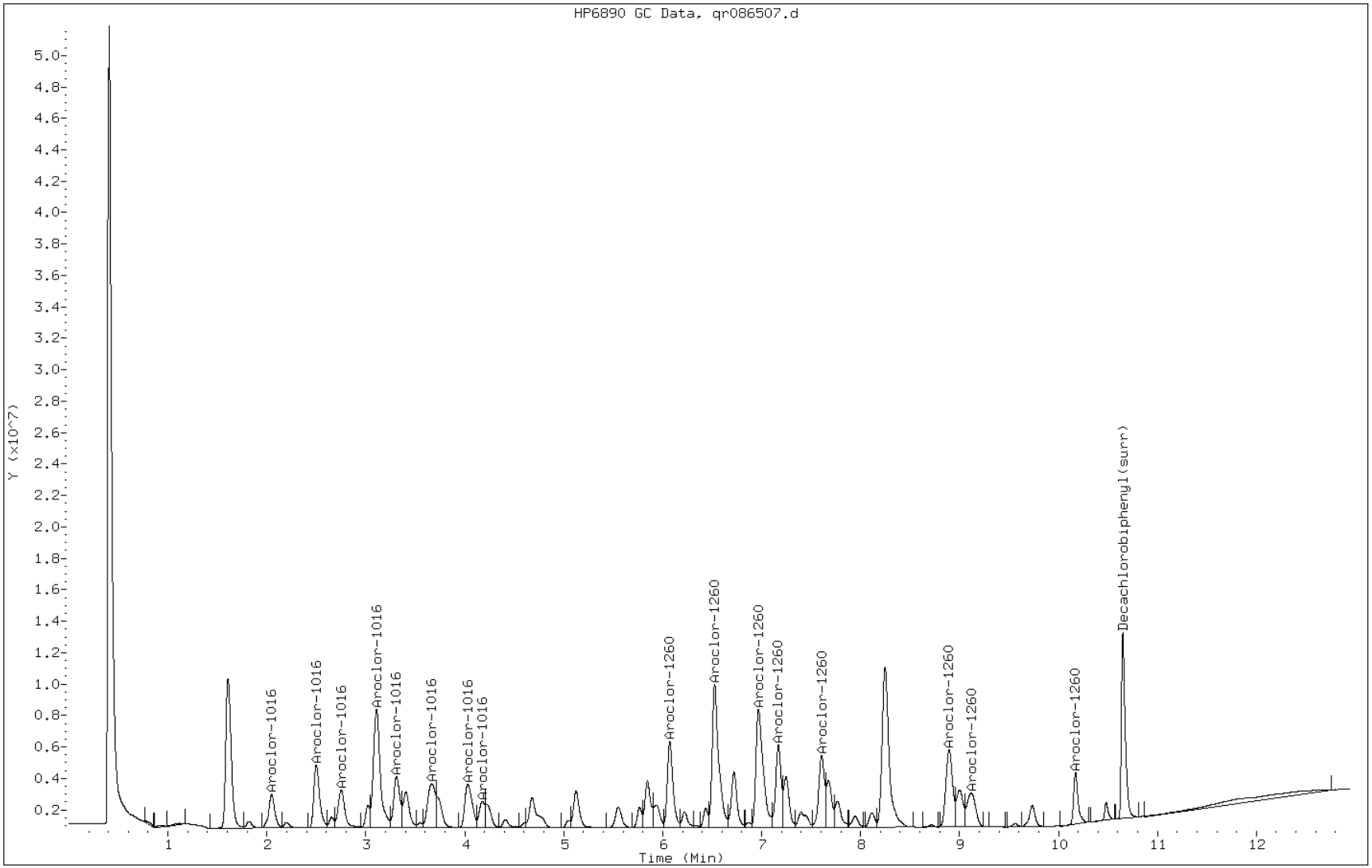
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: qr086507.d

Date: 21-JUN-2012 19:30

Client ID: Instrument: PESTGC8.i

Sample Info: ccvrt-SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117281/29 Calibration Date: 06/22/2012 04:22

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qf086533.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	6123	6814		1110	1000	11.3	15.0
PCB-1016 Peak 2	Ave	12951	15647		1210	1000	20.8*	15.0
PCB-1016 Peak 3	Ave	5475	6153		1120	1000	12.4	15.0
PCB-1016 Peak 4	Ave	26456	29977		1130	1000	13.3	15.0
PCB-1016 Peak 5	Ave	11854	13401		1130	1000	13.0	15.0
PCB-1016 Peak 6	Ave	7065	8327		1180	1000	17.9*	15.0
PCB-1016 Peak 7	Ave	7982	9062		1140	1000	13.5	15.0
PCB-1016 Peak 8	Ave	7646	9299		1220	1000	21.6*	15.0
PCB-1260 Peak 1	Ave	17972	21320		1190	1000	18.6*	15.0
PCB-1260 Peak 2	Ave	23543	29006		1230	1000	23.2*	15.0
PCB-1260 Peak 3	Ave	29068	33666		1160	1000	15.8*	15.0
PCB-1260 Peak 4	Ave	16203	18820		1160	1000	16.2*	15.0
PCB-1260 Peak 5	Ave	8042	9777		1220	1000	21.6*	15.0
PCB-1260 Peak 6	Ave	13065	16879		1290	1000	29.2*	15.0
PCB-1260 Peak 7	Ave	16592	16161		974	1000	-2.6	15.0
PCB-1260 Peak 8	Ave	6135	7877		1280	1000	28.4*	15.0
DCB Decachlorobiphenyl	Ave	236934	274696		116	100	15.9*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117281/29 Calibration Date: 06/22/2012 04:22

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qf086533.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.85	2.78	2.92
PCB-1016 Peak 2	3.50	3.43	3.57
PCB-1016 Peak 3	3.95	3.88	4.02
PCB-1016 Peak 4	4.35	4.28	4.42
PCB-1016 Peak 5	4.60	4.52	4.66
PCB-1016 Peak 6	5.03	4.96	5.10
PCB-1016 Peak 7	5.42	5.35	5.49
PCB-1016 Peak 8	5.63	5.56	5.70
PCB-1260 Peak 1	7.62	7.55	7.69
PCB-1260 Peak 2	8.07	7.99	8.13
PCB-1260 Peak 3	8.91	8.83	8.97
PCB-1260 Peak 4	9.17	9.09	9.23
PCB-1260 Peak 5	9.30	9.23	9.37
PCB-1260 Peak 6	9.79	9.72	9.86
PCB-1260 Peak 7	10.57	10.49	10.63
PCB-1260 Peak 8	11.08	10.98	11.12
DCB Decachlorobiphenyl	11.56	11.41	11.61

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086533.d
Lab Smp Id: CCV-SG1660L3_00017
Inj Date : 22-JUN-2012 04:22
Operator : 615 Inst ID: PESTGC8.i
Smp Info : CCV-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 29
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		
2.848	2.847	0.001	6813980	1112.85	740	80.00- 120.00	100.00(M)
3.504	3.502	0.002	15647229	1208.19	800	174.18- 261.27	229.63
3.948	3.946	0.002	6153098	1123.76	750	71.62- 107.44	90.30
4.349	4.346	0.003	29977307	1133.12	760	342.23- 513.34	439.94
4.596	4.592	0.004	13400935	1130.47	750	148.40- 222.59	196.67
5.034	5.030	0.004	8326813	1178.65	780	92.36- 138.55	122.20
5.421	5.419	0.002	9061839	1135.28	760	101.28- 151.92	132.99
5.631	5.629	0.002	9298632	1216.09	810	103.99- 155.99	136.46
Average of Peak Concentrations =					770		
27 Aroclor-1260					CAS #: 11096-82-5		
7.621	7.619	0.002	21320207	1186.31	790	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)							
8.069	8.064	0.005	29006493	1232.09	820	107.63- 161.45	136.05
8.907	8.904	0.003	33665790	1158.17	770	137.55- 206.32	157.91
9.166	9.162	0.004	18819558	1161.52	770	77.70- 116.54	88.27
9.305	9.302	0.003	9776536	1215.75	810	40.54- 60.81	45.86
9.791	9.791	0.000	16878986	1291.91	860	61.23- 91.85	79.17
10.571	10.564	0.007	16160874	974.039	650	75.66- 113.48	75.80
11.081	11.053	0.028	7877186	1284.04	860	28.48- 42.73	36.95
		Average of Peak Concentrations =			790		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.561	11.508	0.053	27469570	115.938	77	80.00- 120.00	100.00(RM)

QC Flag Legend

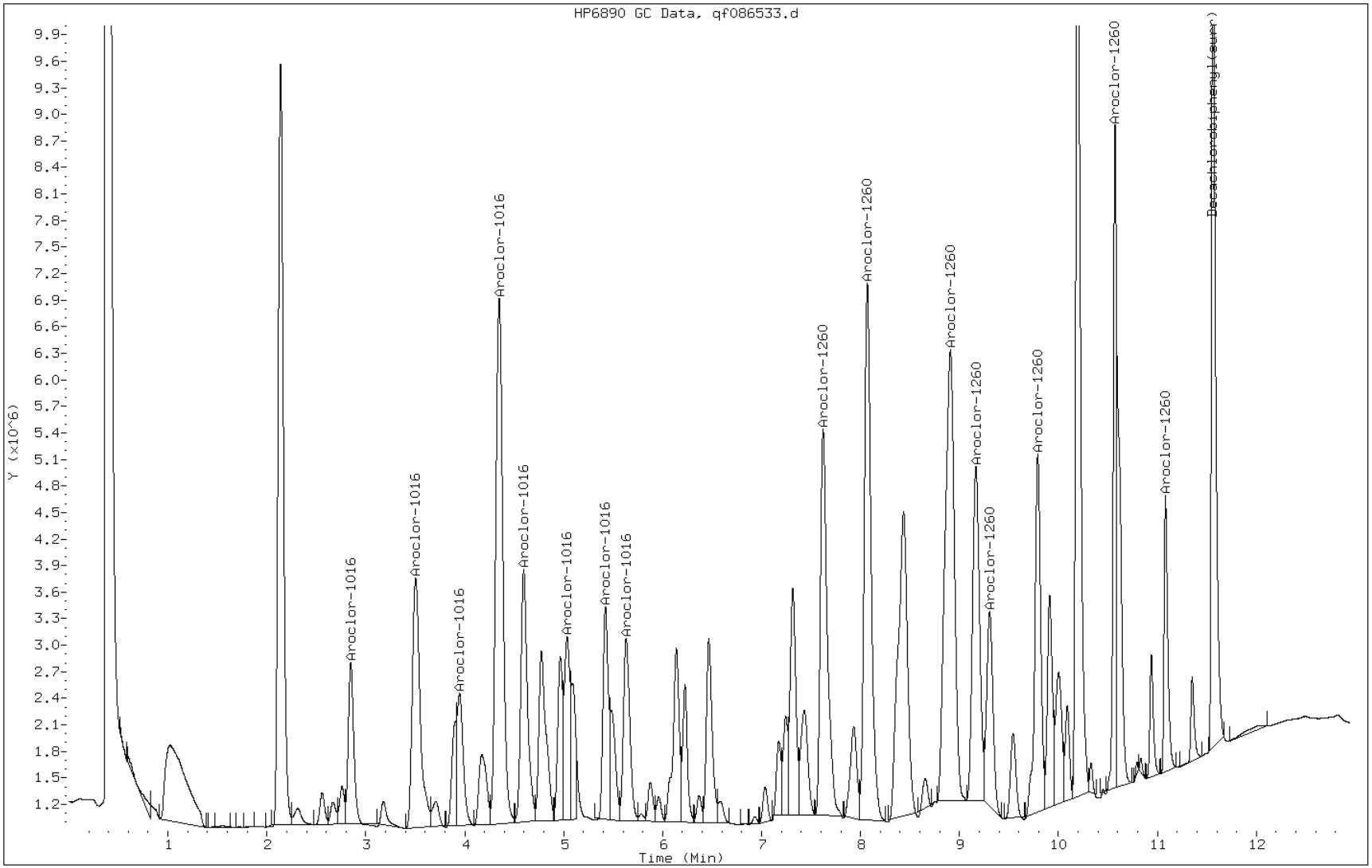
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: qf086533.d

Date: 22-JUN-2012 04:22

Client ID: Instrument: PESTGC8.i

Sample Info: CCV-SG1660L3_00017 Operator: 615



Manual Integration Report

Data File: qf086533.d
Inj. Date and Time: 22-JUN-2012 04:22
Instrument ID: PESTGC8.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/24/2012

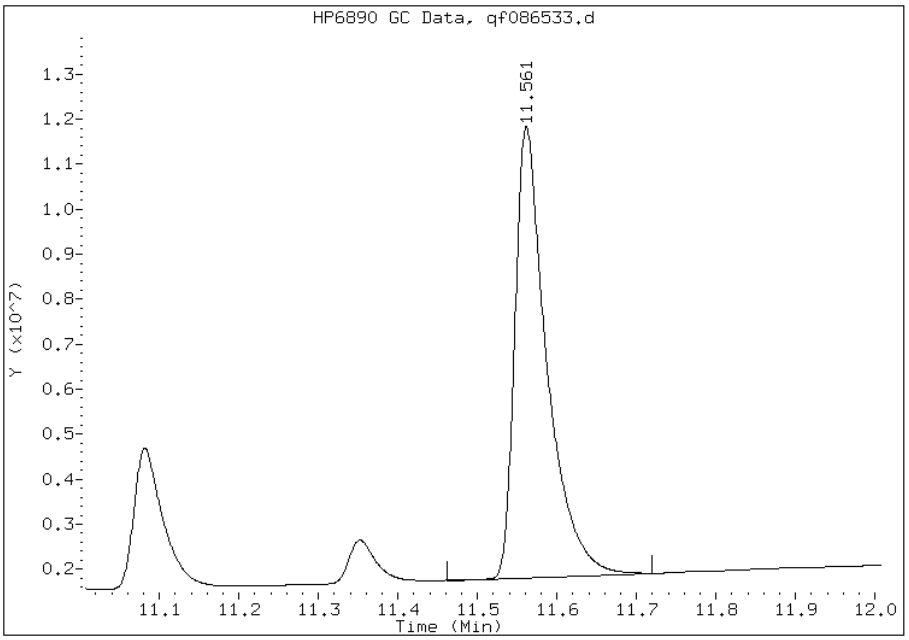
Processing Integration Results

RT: 11.56

Response: 28060390

Amount: 118.43

Conc: 78.95



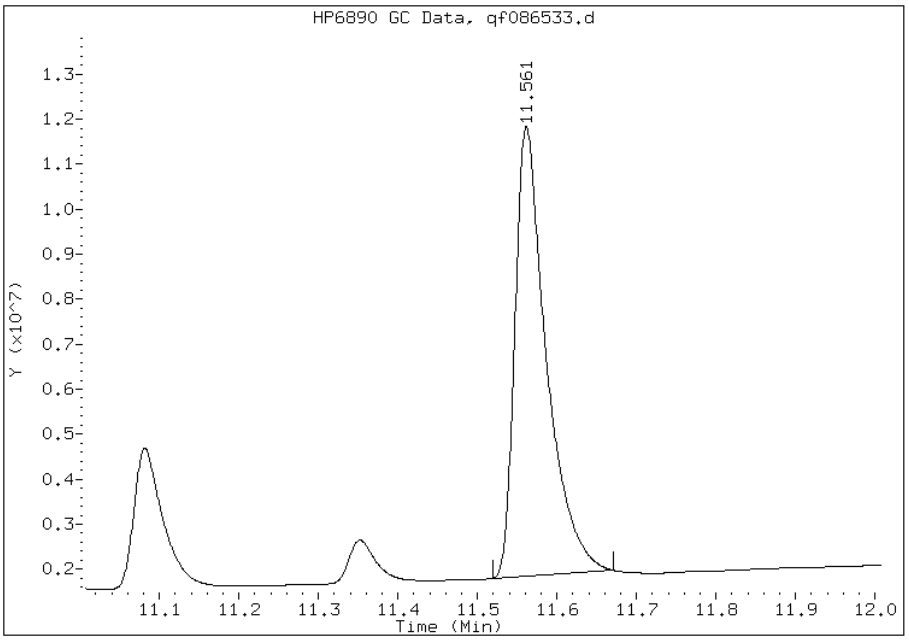
Manual Integration Results

RT: 11.56

Response: 27469570

Amount: 115.94

Conc: 77.29



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117281/29 Calibration Date: 06/22/2012 04:22

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qr086533.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	9138	10050		1100	1000	10.0	15.0
PCB-1016 Peak 2	Ave	16133	17726		1100	1000	9.9	15.0
PCB-1016 Peak 3	Ave	10643	12177		1140	1000	14.4	15.0
PCB-1016 Peak 4	Ave	36410	38614		1060	1000	6.1	15.0
PCB-1016 Peak 5	Ave	13934	15044		1080	1000	8.0	15.0
PCB-1016 Peak 6	Ave	14440	14587		1010	1000	1.0	15.0
PCB-1016 Peak 7	Ave	14096	15497		1100	1000	9.9	15.0
PCB-1016 Peak 8	Ave	6138	10235		1670	1000	66.8*	15.0
PCB-1260 Peak 1	Ave	22401	22904		1020	1000	2.2	15.0
PCB-1260 Peak 2	Ave	42922	44630		1040	1000	4.0	15.0
PCB-1260 Peak 3	Ave	38576	40449		1050	1000	4.9	15.0
PCB-1260 Peak 4	Ave	20687	21551		1040	1000	4.2	15.0
PCB-1260 Peak 5	Ave	19062	19465		1020	1000	2.1	15.0
PCB-1260 Peak 6	Ave	22485	24633		1100	1000	9.6	15.0
PCB-1260 Peak 7	Ave	12615	14045		1110	1000	11.3	15.0
PCB-1260 Peak 8	Ave	9823	10714		1090	1000	9.1	15.0
DCB Decachlorobiphenyl	Ave	340591	338931		99.5	100	-0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117281/29 Calibration Date: 06/22/2012 04:22

Instrument ID: PESTGC8 Calib Start Date: 06/07/2012 02:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/07/2012 03:10

Lab File ID: qr086533.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.07	2.00	2.14
PCB-1016 Peak 2	2.52	2.45	2.59
PCB-1016 Peak 3	2.77	2.70	2.84
PCB-1016 Peak 4	3.12	3.05	3.19
PCB-1016 Peak 5	3.33	3.26	3.40
PCB-1016 Peak 6	3.68	3.61	3.75
PCB-1016 Peak 7	4.05	3.97	4.11
PCB-1016 Peak 8	4.19	4.10	4.24
PCB-1260 Peak 1	6.09	6.01	6.15
PCB-1260 Peak 2	6.54	6.46	6.60
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.54	7.68
PCB-1260 Peak 6	8.91	8.83	8.97
PCB-1260 Peak 7	9.14	9.06	9.20
PCB-1260 Peak 8	10.18	10.11	10.25
DCB Decachlorobiphenyl	10.67	10.55	10.75

Data File: qr086533.d
Report Date: 24-Jun-2012 15:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086533.d
Lab Smp Id: CCV-SG1660L3_00017
Inj Date : 22-JUN-2012 04:22
Operator : 615 Inst ID: PESTGC8.i
Smp Info : CCV-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 29
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		
2.066	2.069	-0.003	10050047	1099.79	730	80.00- 120.00	100.00(M)
2.516	2.518	-0.002	17726037	1098.77	730	138.84- 208.26	176.38
2.766	2.770	-0.004	12177411	1144.18	760	93.85- 140.78	121.17
3.123	3.124	-0.001	38614051	1060.53	710	316.73- 475.10	384.22
3.326	3.326	0.000	15043827	1079.62	720	124.02- 186.03	149.69
3.685	3.684	0.001	14586758	1010.16	670	131.65- 197.48	145.14
4.048	4.044	0.004	15496849	1099.36	730	129.06- 193.59	154.20
4.193	4.175	0.018	10235346	1667.63	1100	57.57- 86.36	101.84
Average of Peak Concentrations =					770		
27 Aroclor-1260					CAS #: 11096-82-5		
6.086	6.079	0.007	22904470	1022.47	680	80.00- 120.00	100.00

Data File: qr086533.d
Report Date: 24-Jun-2012 15:54

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.539	6.533	0.006	44629680	1039.78	690	156.71- 235.07	194.85
6.982	6.975	0.007	40448889	1048.56	700	144.29- 216.43	176.60
7.184	7.176	0.008	21550668	1041.76	690	78.18- 117.27	94.09
7.622	7.613	0.009	19464742	1021.10	680	71.19- 106.78	84.98
8.915	8.904	0.011	24632587	1095.53	730	91.06- 136.58	107.54
9.137	9.126	0.011	14045037	1113.36	740	51.92- 77.88	61.32
10.183	10.177	0.006	10713638	1090.66	730	42.78- 64.17	46.78
		Average of Peak Concentrations =			710		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.666	10.651	0.015	33893138	99.5128	66	80.00- 120.00	100.00(R)

QC Flag Legend

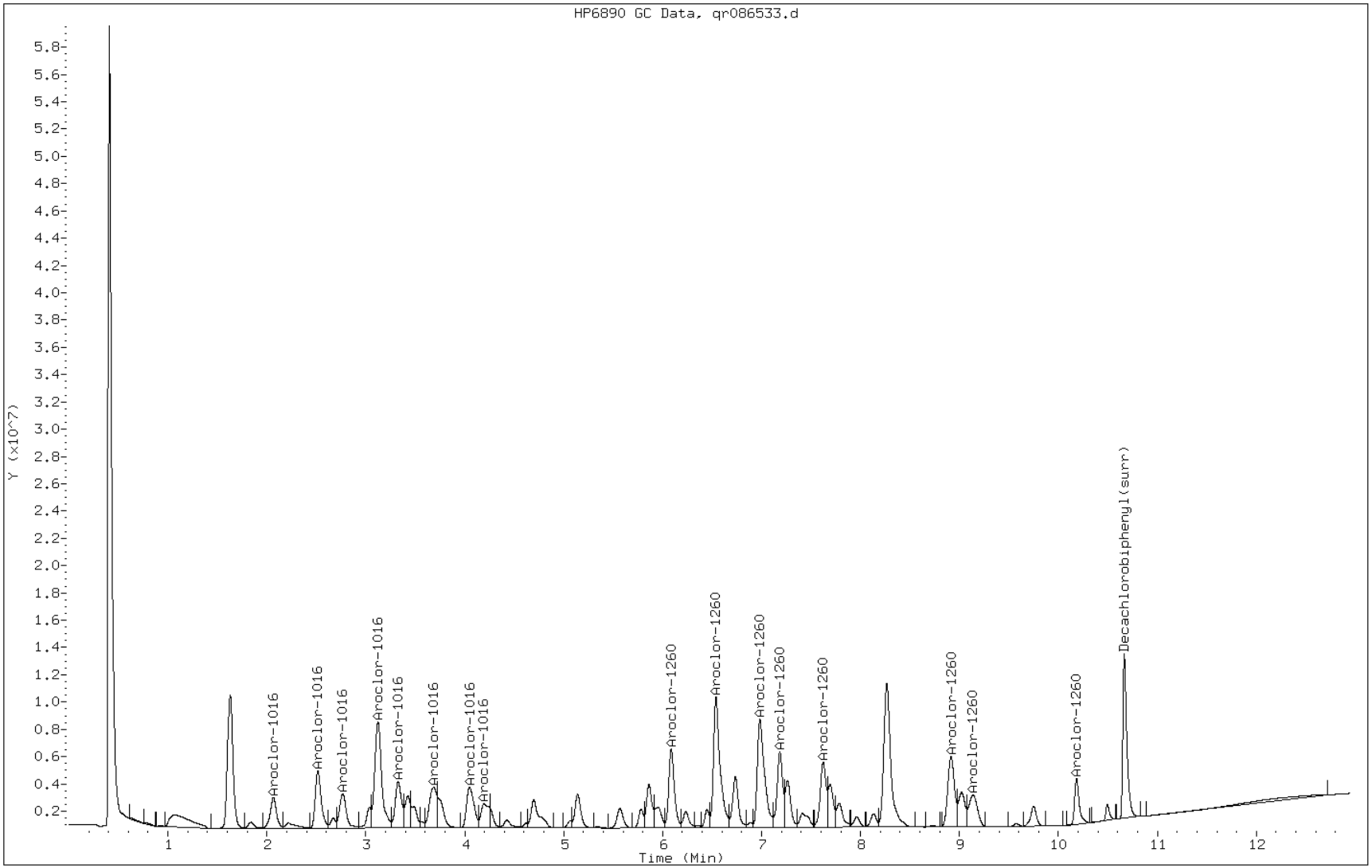
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: qr086533.d

Date: 22-JUN-2012 04:22

Client ID: Instrument: PESTGC8.i

Sample Info: CCV-SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117069/3 Calibration Date: 06/21/2012 18:58

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vf475392.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	8666	8467		977	1000	-2.3	15.0
PCB-1016 Peak 2	Ave	18554	18267		985	1000	-1.5	15.0
PCB-1016 Peak 3	Ave	7684	8081		1050	1000	5.2	15.0
PCB-1016 Peak 4	Ave	34188	33234		972	1000	-2.8	15.0
PCB-1016 Peak 5	Ave	14905	14181		951	1000	-4.9	15.0
PCB-1016 Peak 6	Ave	9870	9901		1000	1000	0.3	15.0
PCB-1016 Peak 7	Ave	10759	10757		1000	1000	-0.0	15.0
PCB-1016 Peak 8	Ave	10724	11088		1030	1000	3.4	15.0
PCB-1260 Peak 1	Ave	24175	23532		973	1000	-2.7	15.0
PCB-1260 Peak 2	Ave	28026	27123		968	1000	-3.2	15.0
PCB-1260 Peak 3	Ave	39218	38760		988	1000	-1.2	15.0
PCB-1260 Peak 4	Ave	18998	18696		984	1000	-1.6	15.0
PCB-1260 Peak 5	Ave	10490	10267		979	1000	-2.1	15.0
PCB-1260 Peak 6	Ave	17596	19211		1090	1000	9.2	15.0
PCB-1260 Peak 7	Ave	20482	20646		1010	1000	0.8	15.0
PCB-1260 Peak 8	Ave	7271	9023		1240	1000	24.1*	15.0
DCB Decachlorobiphenyl	Ave	297141	338104		114	100	13.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117069/3 Calibration Date: 06/21/2012 18:58

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vf475392.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.84	2.77	2.91
PCB-1016 Peak 2	3.49	3.42	3.56
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.33	4.26	4.40
PCB-1016 Peak 5	4.58	4.51	4.65
PCB-1016 Peak 6	5.02	4.95	5.09
PCB-1016 Peak 7	5.40	5.34	5.48
PCB-1016 Peak 8	5.62	5.55	5.69
PCB-1260 Peak 1	7.60	7.53	7.67
PCB-1260 Peak 2	8.04	7.97	8.11
PCB-1260 Peak 3	8.86	8.79	8.93
PCB-1260 Peak 4	9.11	9.04	9.18
PCB-1260 Peak 5	9.26	9.19	9.33
PCB-1260 Peak 6	9.76	9.70	9.84
PCB-1260 Peak 7	10.57	10.50	10.64
PCB-1260 Peak 8	11.06	10.99	11.13
DCB Decachlorobiphenyl	11.50	11.41	11.61

Data File: vf475392.d
Report Date: 22-Jun-2012 00:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475392.d
Lab Smp Id: CCVRT-SG1660L3_0001
Inj Date : 21-JUN-2012 18:58
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCVRT-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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		
2.838	2.841	-0.003	8466538	976.938	650	80.00- 120.00	100.00(M)
3.487	3.489	-0.002	18266844	984.545	660	167.10- 250.66	215.75
3.928	3.931	-0.003	8081182	1051.63	700	71.61- 107.41	95.45
4.331	4.333	-0.002	33234175	972.113	650	310.95- 466.42	392.54
4.576	4.578	-0.002	14180961	951.440	630	135.86- 203.78	167.49
5.015	5.018	-0.003	9900901	1003.14	670	83.21- 124.82	116.94
5.404	5.407	-0.003	10757062	999.791	670	98.64- 147.96	127.05
5.615	5.617	-0.002	11088406	1033.94	690	109.30- 163.95	130.97
		Average of Peak Concentrations =			660		
27 Aroclor-1260					CAS #: 11096-82-5		
7.597	7.599	-0.002	23532459	973.435	650	80.00- 120.00	100.00(M)

Data File: vf475392.d
Report Date: 22-Jun-2012 00:40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.038	8.041	-0.003	27123381	967.778	640	92.28- 138.42	115.26
8.859	8.862	-0.003	38759757	988.306	660	135.28- 202.92	164.71
9.113	9.114	-0.001	18696283	984.144	660	63.46- 95.19	79.45
9.255	9.258	-0.003	10266612	978.670	650	36.43- 54.65	43.63
9.764	9.766	-0.002	19210701	1091.75	730	61.74- 92.61	81.63
10.566	10.568	-0.002	20646084	1008.02	670	74.56- 111.84	87.73
11.056	11.061	-0.005	9023298	1240.95	830	27.83- 41.75	38.34
		Average of Peak Concentrations =			690		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.498	11.508	-0.010	33810388	113.786	76	80.00- 120.00	100.00(RM)

QC Flag Legend

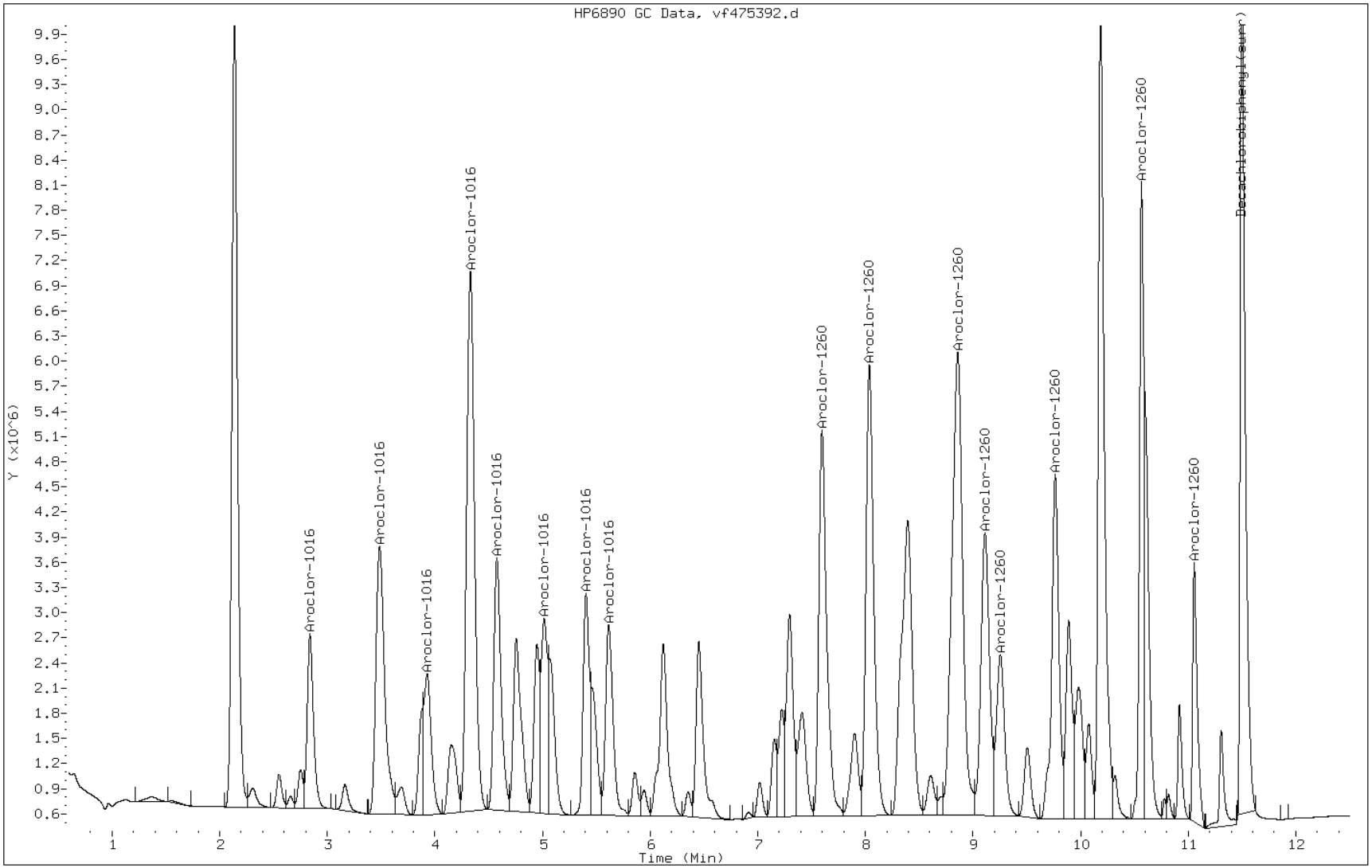
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475392.d

Date: 21-JUN-2012 18:58

Client ID: Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00017 Operator: 615



Manual Integration Report

Data File: vf475392.d
Inj. Date and Time: 21-JUN-2012 18:58
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 11.51

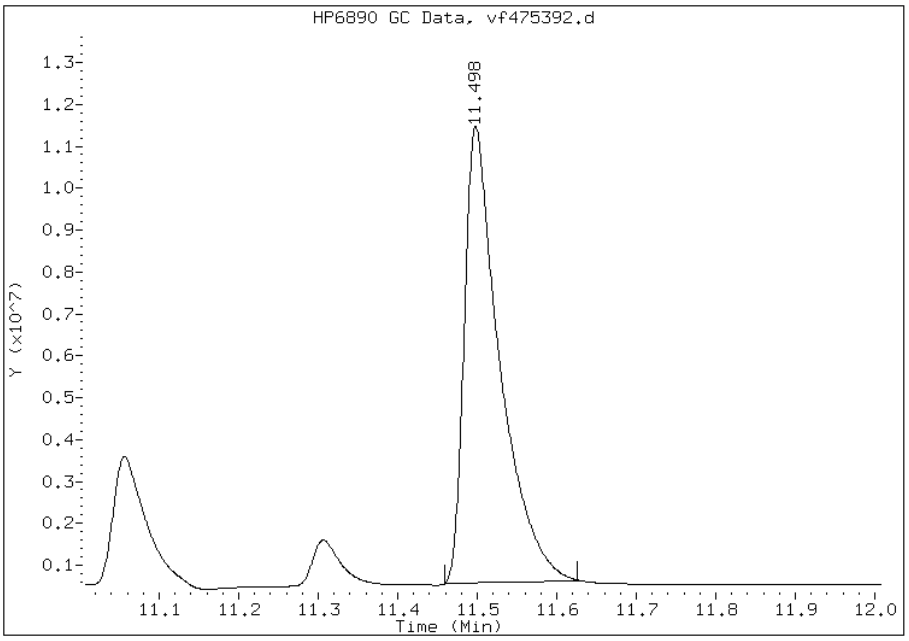
Manual Integration Results

RT: 11.50

Response: 33810388

Amount: 113.79

Conc: 75.86



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117069/3 Calibration Date: 06/21/2012 18:58

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vr475392.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	8522	8548		1000	1000	0.3	15.0
PCB-1016 Peak 2	Ave	15238	15401		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	9914	10861		1100	1000	9.6	15.0
PCB-1016 Peak 4	Ave	33961	34736		1020	1000	2.3	15.0
PCB-1016 Peak 5	Ave	12285	12950		1050	1000	5.4	15.0
PCB-1016 Peak 6	Ave	12715	12237		962	1000	-3.8	15.0
PCB-1016 Peak 7	Ave	12619	12996		1030	1000	3.0	15.0
PCB-1016 Peak 8	Ave	5222	5363		1030	1000	2.7	15.0
PCB-1260 Peak 1	Ave	20046	20994		1050	1000	4.7	15.0
PCB-1260 Peak 2	Ave	38154	40397		1060	1000	5.9	15.0
PCB-1260 Peak 3	Ave	33780	36722		1090	1000	8.7	15.0
PCB-1260 Peak 4	Ave	18101	19693		1090	1000	8.8	15.0
PCB-1260 Peak 5	Ave	16209	17647		1090	1000	8.9	15.0
PCB-1260 Peak 6	Ave	19714	22108		1120	1000	12.1	15.0
PCB-1260 Peak 7	Ave	11527	13469		1170	1000	16.9*	15.0
PCB-1260 Peak 8	Ave	9434	10972		1160	1000	16.3*	15.0
DCB Decachlorobiphenyl	Ave	320181	333720		104	100	4.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCVRT 460-117069/3 Calibration Date: 06/21/2012 18:58

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vr475392.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.13	2.07	2.21
PCB-1016 Peak 2	2.59	2.52	2.66
PCB-1016 Peak 3	2.84	2.77	2.91
PCB-1016 Peak 4	3.20	3.13	3.27
PCB-1016 Peak 5	3.41	3.34	3.48
PCB-1016 Peak 6	3.77	3.71	3.85
PCB-1016 Peak 7	4.13	4.07	4.21
PCB-1016 Peak 8	4.28	4.21	4.35
PCB-1260 Peak 1	6.16	6.09	6.23
PCB-1260 Peak 2	6.61	6.55	6.69
PCB-1260 Peak 3	7.06	6.99	7.13
PCB-1260 Peak 4	7.27	7.20	7.34
PCB-1260 Peak 5	7.71	7.65	7.79
PCB-1260 Peak 6	9.03	8.97	9.11
PCB-1260 Peak 7	9.26	9.19	9.33
PCB-1260 Peak 8	10.22	10.16	10.30
DCB Decachlorobiphenyl	10.68	10.58	10.78

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475392.d
Lab Smp Id: CCVRT-SG1660L3_0001
Inj Date : 21-JUN-2012 18:58
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCVRT-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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		
2.134	2.138	-0.004	8548472	1003.07	670	80.00- 120.00	100.00(M)
2.585	2.587	-0.002	15401452	1010.75	670	140.26- 210.39	180.17
2.838	2.841	-0.003	10861149	1095.50	730	101.39- 152.09	127.05
3.196	3.199	-0.003	34735609	1022.81	680	314.38- 471.57	406.34
3.409	3.413	-0.004	12950234	1054.12	700	120.15- 180.23	151.49
3.774	3.778	-0.004	12237486	962.421	640	120.80- 181.20	143.15
4.132	4.135	-0.003	12995928	1029.86	690	121.42- 182.13	152.03
4.280	4.282	-0.002	5362966	1027.02	680	52.39- 78.59	62.74
		Average of Peak Concentrations =			680		
27 Aroclor-1260					CAS #: 11096-82-5		
6.162	6.164	-0.002	20993593	1047.29	700	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)							
6.612	6.615	-0.003	40396635	1058.78	700	154.28- 231.42	192.42
7.060	7.062	-0.002	36721760	1087.08	720	143.44- 215.15	174.92
7.265	7.268	-0.003	19693179	1087.97	720	75.55- 113.32	93.81
7.713	7.716	-0.003	17647051	1088.69	720	68.31- 102.47	84.06
9.033	9.036	-0.003	22108389	1121.44	750	87.99- 131.99	105.31
9.259	9.264	-0.005	13469193	1168.51	780	52.32- 78.48	64.16
10.223	10.225	-0.002	10971996	1162.99	780	43.57- 65.35	52.26
		Average of Peak Concentrations =			740		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.678	10.680	-0.002	33372012	104.229	69	80.00- 120.00	100.00(R)

QC Flag Legend

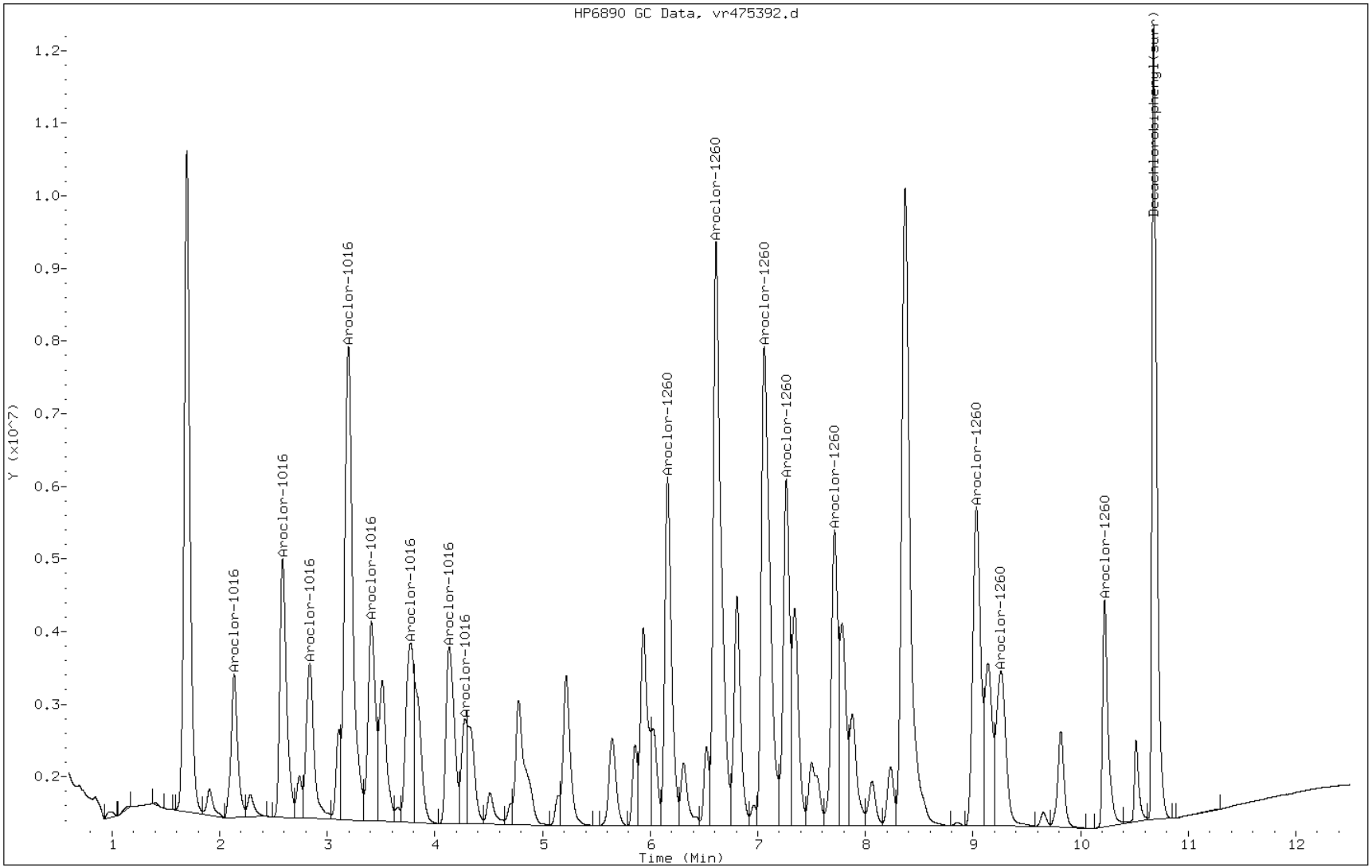
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475392.d

Date: 21-JUN-2012 18:58

Client ID: Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117069/21 Calibration Date: 06/21/2012 23:51

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vf475410.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	8666	8851		1020	1000	2.1	15.0
PCB-1016 Peak 2	Ave	18554	18855		1020	1000	1.6	15.0
PCB-1016 Peak 3	Ave	7684	9058		1180	1000	17.9*	15.0
PCB-1016 Peak 4	Ave	34188	35777		1050	1000	4.6	15.0
PCB-1016 Peak 5	Ave	14905	15884		1070	1000	6.6	15.0
PCB-1016 Peak 6	Ave	9870	10069		1020	1000	2.0	15.0
PCB-1016 Peak 7	Ave	10759	12417		1150	1000	15.4*	15.0
PCB-1016 Peak 8	Ave	10724	12199		1140	1000	13.7	15.0
PCB-1260 Peak 1	Ave	24175	23840		986	1000	-1.4	15.0
PCB-1260 Peak 2	Ave	28026	27142		968	1000	-3.2	15.0
PCB-1260 Peak 3	Ave	39218	39018		995	1000	-0.5	15.0
PCB-1260 Peak 4	Ave	18998	19082		1000	1000	0.4	15.0
PCB-1260 Peak 5	Ave	10490	11251		1070	1000	7.2	15.0
PCB-1260 Peak 6	Ave	17596	19896		1130	1000	13.1	15.0
PCB-1260 Peak 7	Ave	20482	15910		777	1000	-22.3*	15.0
PCB-1260 Peak 8	Ave	7271	7062		971	1000	-2.9	15.0
DCB Decachlorobiphenyl	Ave	297141	309949		104	100	4.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117069/21 Calibration Date: 06/21/2012 23:51

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vf475410.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.84	2.77	2.91
PCB-1016 Peak 2	3.48	3.42	3.56
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.33	4.26	4.40
PCB-1016 Peak 5	4.57	4.51	4.65
PCB-1016 Peak 6	5.01	4.95	5.09
PCB-1016 Peak 7	5.40	5.34	5.48
PCB-1016 Peak 8	5.61	5.55	5.69
PCB-1260 Peak 1	7.59	7.53	7.67
PCB-1260 Peak 2	8.04	7.97	8.11
PCB-1260 Peak 3	8.86	8.79	8.93
PCB-1260 Peak 4	9.11	9.04	9.18
PCB-1260 Peak 5	9.25	9.19	9.33
PCB-1260 Peak 6	9.76	9.70	9.84
PCB-1260 Peak 7	10.57	10.50	10.64
PCB-1260 Peak 8	11.05	10.99	11.13
DCB Decachlorobiphenyl	11.49	11.41	11.61

Data File: vf475410.d
Report Date: 22-Jun-2012 00:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475410.d
Lab Smp Id: CCV-SG1660L3_00017
Inj Date : 21-JUN-2012 23:51
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCV-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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		
2.837	2.841	-0.004	8851076	1021.31	680	80.00- 120.00	100.00(M)
3.483	3.489	-0.006	18854751	1016.23	680	167.10- 250.66	213.02
3.926	3.931	-0.005	9057607	1178.70	780	71.61- 107.41	102.33
4.328	4.333	-0.005	35777102	1046.50	700	310.95- 466.42	404.21
4.573	4.578	-0.005	15884440	1065.73	710	135.86- 203.78	179.46
5.013	5.018	-0.005	10069456	1020.21	680	83.21- 124.82	113.77
5.402	5.407	-0.005	12416620	1154.04	770	98.64- 147.96	140.28
5.612	5.617	-0.005	12198781	1137.47	760	109.30- 163.95	137.82
Average of Peak Concentrations =					720		
27 Aroclor-1260					CAS #: 11096-82-5		
7.594	7.599	-0.005	23839566	986.139	660	80.00- 120.00	100.00(M)

Data File: vf475410.d
Report Date: 22-Jun-2012 00:47

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.036	8.041	-0.005	27141664	968.431	640	92.28- 138.42	113.85
8.856	8.862	-0.006	39017989	994.891	660	135.28- 202.92	163.67
9.108	9.114	-0.006	19081544	1004.42	670	63.46- 95.19	80.04
9.251	9.258	-0.007	11250624	1072.47	710	36.43- 54.65	47.19
9.762	9.766	-0.004	19896456	1130.72	750	61.74- 92.61	83.46
10.566	10.568	-0.002	15909705	776.770	520	74.56- 111.84	66.74
11.055	11.061	-0.006	7061960	971.211	650	27.83- 41.75	29.62
		Average of Peak Concentrations =			660		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.493	11.508	-0.015	30994860	104.310	70	80.00- 120.00	100.00(R)

QC Flag Legend

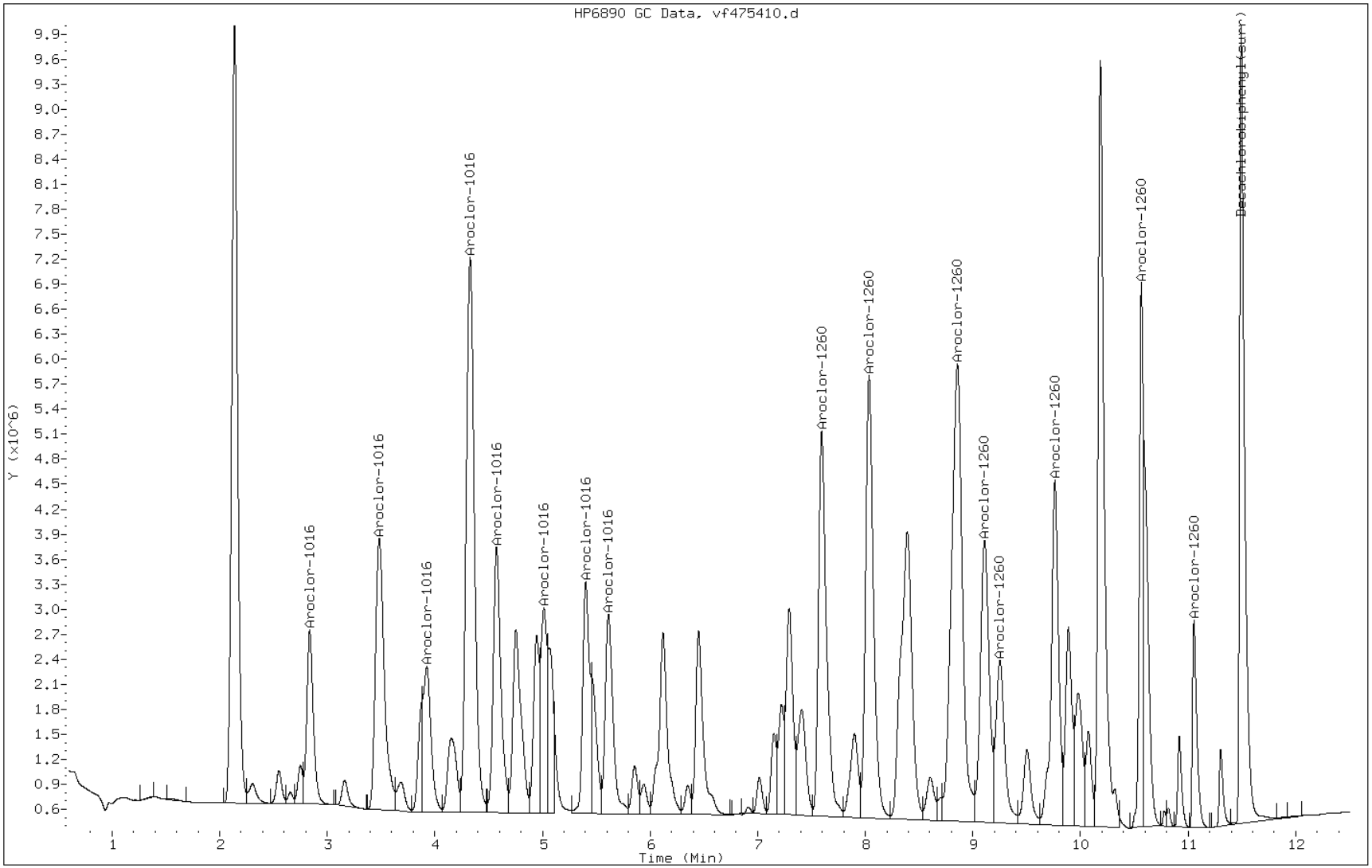
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf475410.d

Date: 21-JUN-2012 23:51

Client ID: Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00017 Operator: 615



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117069/21 Calibration Date: 06/21/2012 23:51

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vr475410.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	8522	8456		992	1000	-0.8	15.0
PCB-1016 Peak 2	Ave	15238	15832		1040	1000	3.9	15.0
PCB-1016 Peak 3	Ave	9914	11139		1120	1000	12.3	15.0
PCB-1016 Peak 4	Ave	33961	35845		1060	1000	5.5	15.0
PCB-1016 Peak 5	Ave	12285	13527		1100	1000	10.1	15.0
PCB-1016 Peak 6	Ave	12715	12330		970	1000	-3.0	15.0
PCB-1016 Peak 7	Ave	12619	13447		1070	1000	6.6	15.0
PCB-1016 Peak 8	Ave	5222	7055		1350	1000	35.1*	15.0
PCB-1260 Peak 1	Ave	20046	21738		1080	1000	8.4	15.0
PCB-1260 Peak 2	Ave	38154	41722		1090	1000	9.4	15.0
PCB-1260 Peak 3	Ave	33780	37691		1120	1000	11.6	15.0
PCB-1260 Peak 4	Ave	18101	20310		1120	1000	12.2	15.0
PCB-1260 Peak 5	Ave	16209	17638		1090	1000	8.8	15.0
PCB-1260 Peak 6	Ave	19714	22398		1140	1000	13.6	15.0
PCB-1260 Peak 7	Ave	11527	13601		1180	1000	18.0*	15.0
PCB-1260 Peak 8	Ave	9434	10231		1080	1000	8.4	15.0
DCB Decachlorobiphenyl	Ave	320181	276515		86.4	100	-13.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Lab Sample ID: CCV 460-117069/21 Calibration Date: 06/21/2012 23:51

Instrument ID: PESTGC9 Calib Start Date: 06/17/2012 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2012 14:34

Lab File ID: vr475410.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.13	2.07	2.21
PCB-1016 Peak 2	2.58	2.52	2.66
PCB-1016 Peak 3	2.84	2.77	2.91
PCB-1016 Peak 4	3.19	3.13	3.27
PCB-1016 Peak 5	3.41	3.34	3.48
PCB-1016 Peak 6	3.77	3.71	3.85
PCB-1016 Peak 7	4.13	4.07	4.21
PCB-1016 Peak 8	4.28	4.21	4.35
PCB-1260 Peak 1	6.16	6.09	6.23
PCB-1260 Peak 2	6.61	6.55	6.69
PCB-1260 Peak 3	7.06	6.99	7.13
PCB-1260 Peak 4	7.26	7.20	7.34
PCB-1260 Peak 5	7.71	7.65	7.79
PCB-1260 Peak 6	9.03	8.97	9.11
PCB-1260 Peak 7	9.26	9.19	9.33
PCB-1260 Peak 8	10.22	10.16	10.30
DCB Decachlorobiphenyl	10.68	10.58	10.78

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475410.d
Lab Smp Id: CCV-SG1660L3_00017
Inj Date : 21-JUN-2012 23:51
Operator : 615 Inst ID: PESTGC9.i
Smp Info : CCV-SG1660L3_00017
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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		
2.135	2.138	-0.003	8456055	992.223	660	80.00- 120.00	100.00(M)
2.585	2.587	-0.002	15831911	1039.00	690	140.26- 210.39	187.23
2.836	2.841	-0.005	11138562	1123.48	750	101.39- 152.09	131.72
3.194	3.199	-0.005	35845272	1055.49	700	314.38- 471.57	423.90
3.407	3.413	-0.006	13526929	1101.06	730	120.15- 180.23	159.97
3.771	3.778	-0.007	12329961	969.693	650	120.80- 181.20	145.81
4.131	4.135	-0.004	13446841	1065.60	710	121.42- 182.13	159.02
4.277	4.282	-0.005	7055295	1351.10	900	52.39- 78.59	83.43
		Average of Peak Concentrations =			720		
27 Aroclor-1260					CAS #: 11096-82-5		
6.160	6.164	-0.004	21737752	1084.42	720	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)							
6.611	6.615	-0.004	41721561	1093.50	730	154.28- 231.42	191.93
7.059	7.062	-0.003	37691042	1115.78	740	143.44- 215.15	173.39
7.263	7.268	-0.005	20310447	1122.08	750	75.55- 113.32	93.43
7.711	7.716	-0.005	17638383	1088.16	720	68.31- 102.47	81.14
9.031	9.036	-0.005	22398001	1136.13	760	87.99- 131.99	103.04
9.257	9.264	-0.007	13600559	1179.90	790	52.32- 78.48	62.57
10.222	10.225	-0.003	10231308	1084.48	720	43.57- 65.35	47.07
Average of Peak Concentrations =					740		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.676	10.680	-0.004	27651495	86.3622	58	80.00- 120.00	100.00(R)

QC Flag Legend

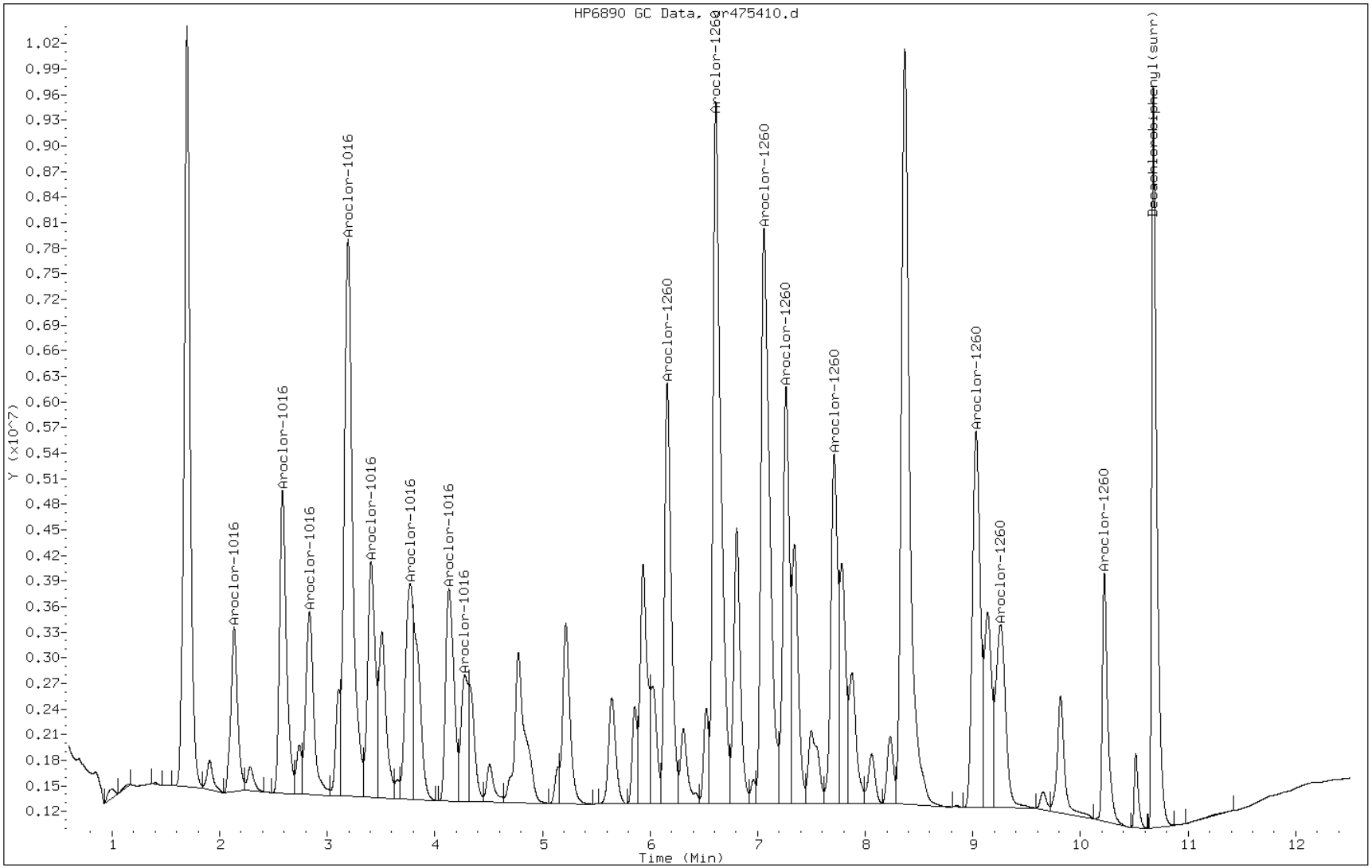
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr475410.d

Date: 21-JUN-2012 23:51

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.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116907/1-A

Matrix: Solid Lab File ID: qf086508.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 20:09

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.: 117281 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		30-150

Data File: qf086508.d
Report Date: 24-Jun-2012 15:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086508.d
Lab Smp Id: MB 460-116907/1-A
Inj Date : 21-JUN-2012 20:09
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-116907/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.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

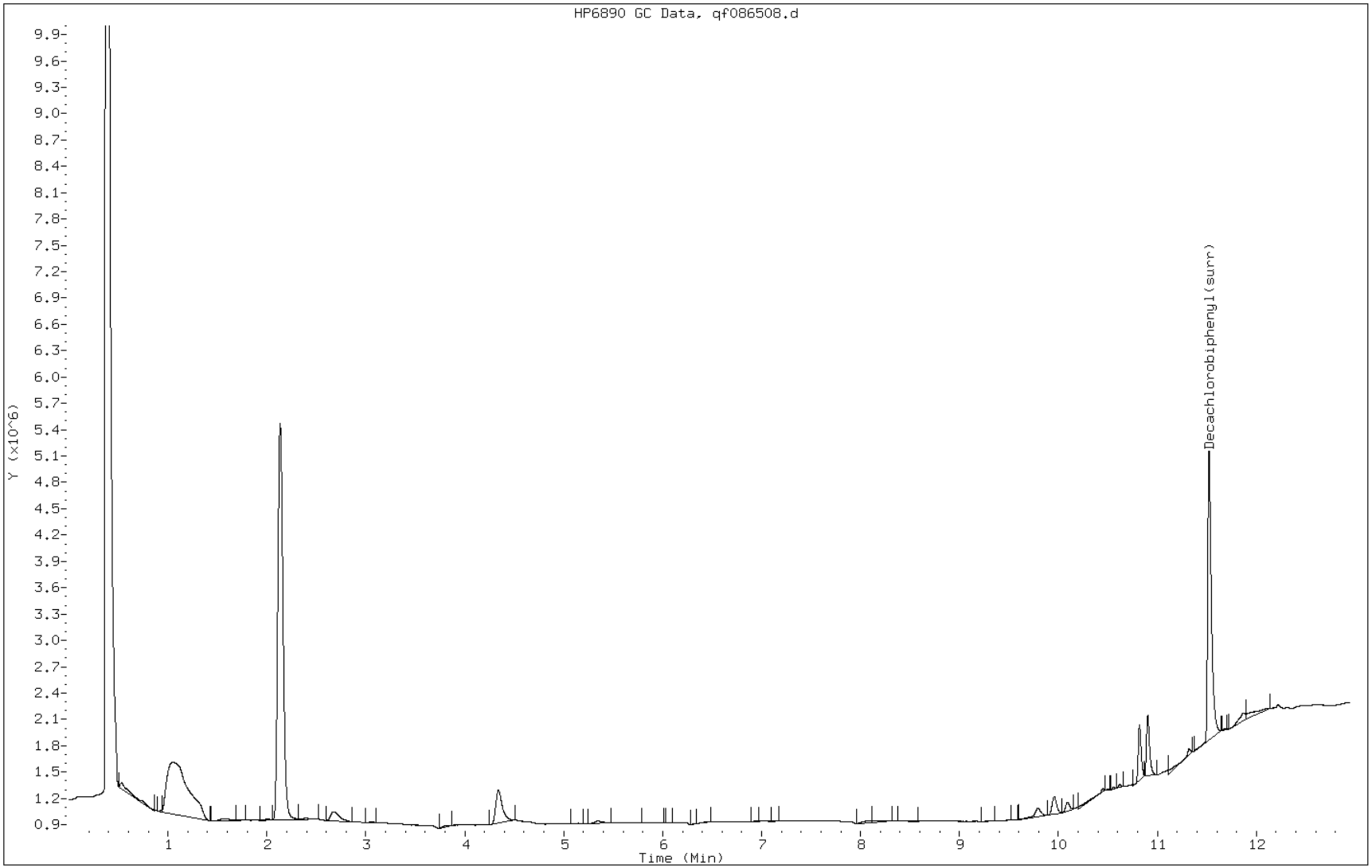
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.523	11.508	0.015	8443384	35.6360	24	80.00- 120.00	100.00

Data File: qf086508.d

Date: 21-JUN-2012 20:09

Client ID: Instrument: PESTGC8.i

Sample Info: MB 460-116907/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-116907/1-A

Matrix: Solid | Lab File ID: qr086508.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 20:09

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.: 117281 | 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	72		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086508.d
Lab Smp Id: MB 460-116907/1-A
Inj Date : 21-JUN-2012 20:09
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-116907/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.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		
10.657	10.651	0.006	12198520	35.8158	24	80.00- 120.00	100.00

Data File: qr086508.d

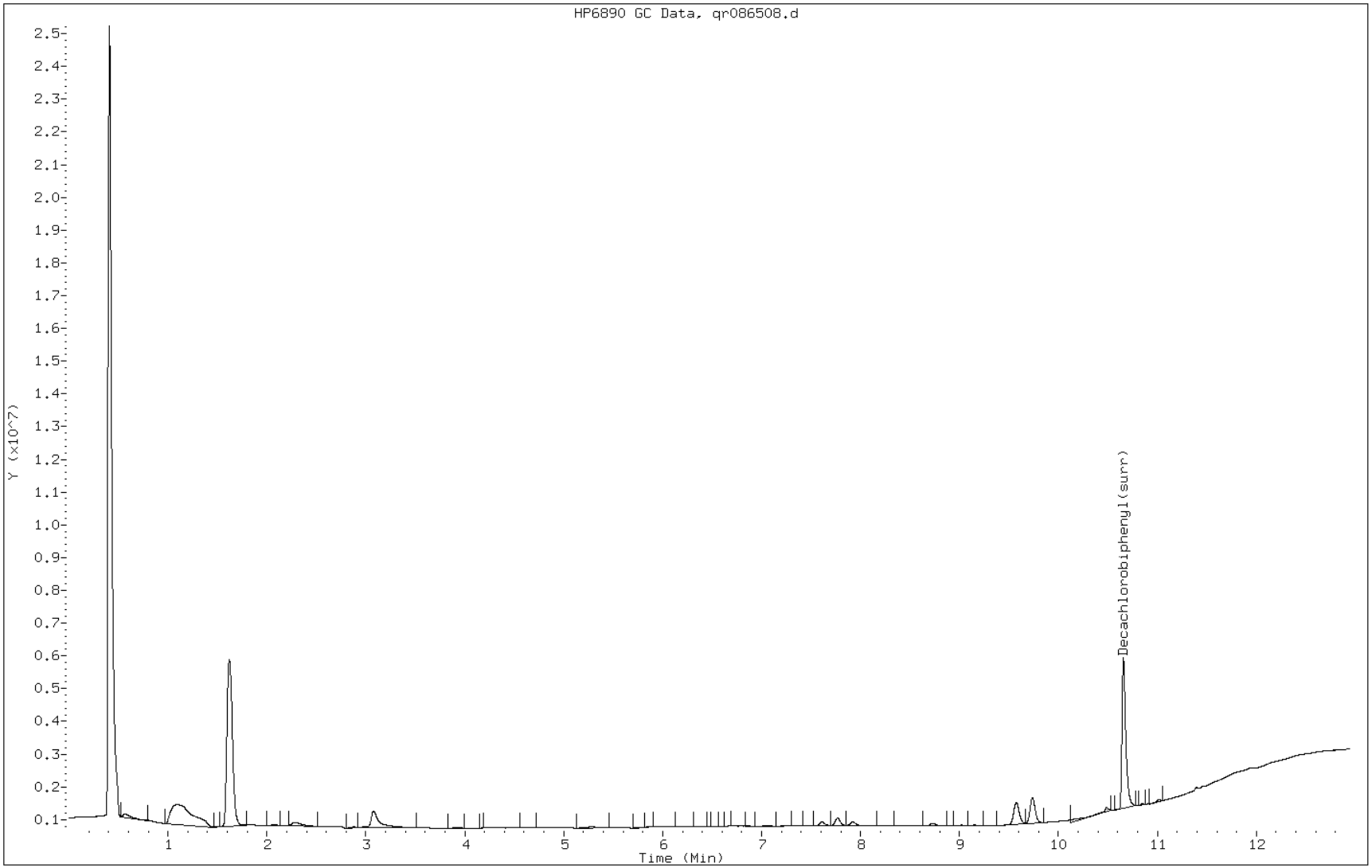
Date: 21-JUN-2012 20:09

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-116907/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116909/1-A

Matrix: Solid Lab File ID: vf475393.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 19:14

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.: 117069 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		30-150

Data File: vf475393.d
Report Date: 22-Jun-2012 00:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475393.d
Lab Smp Id: MB 460-116909/1-
Inj Date : 21-JUN-2012 19:14
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-116909/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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

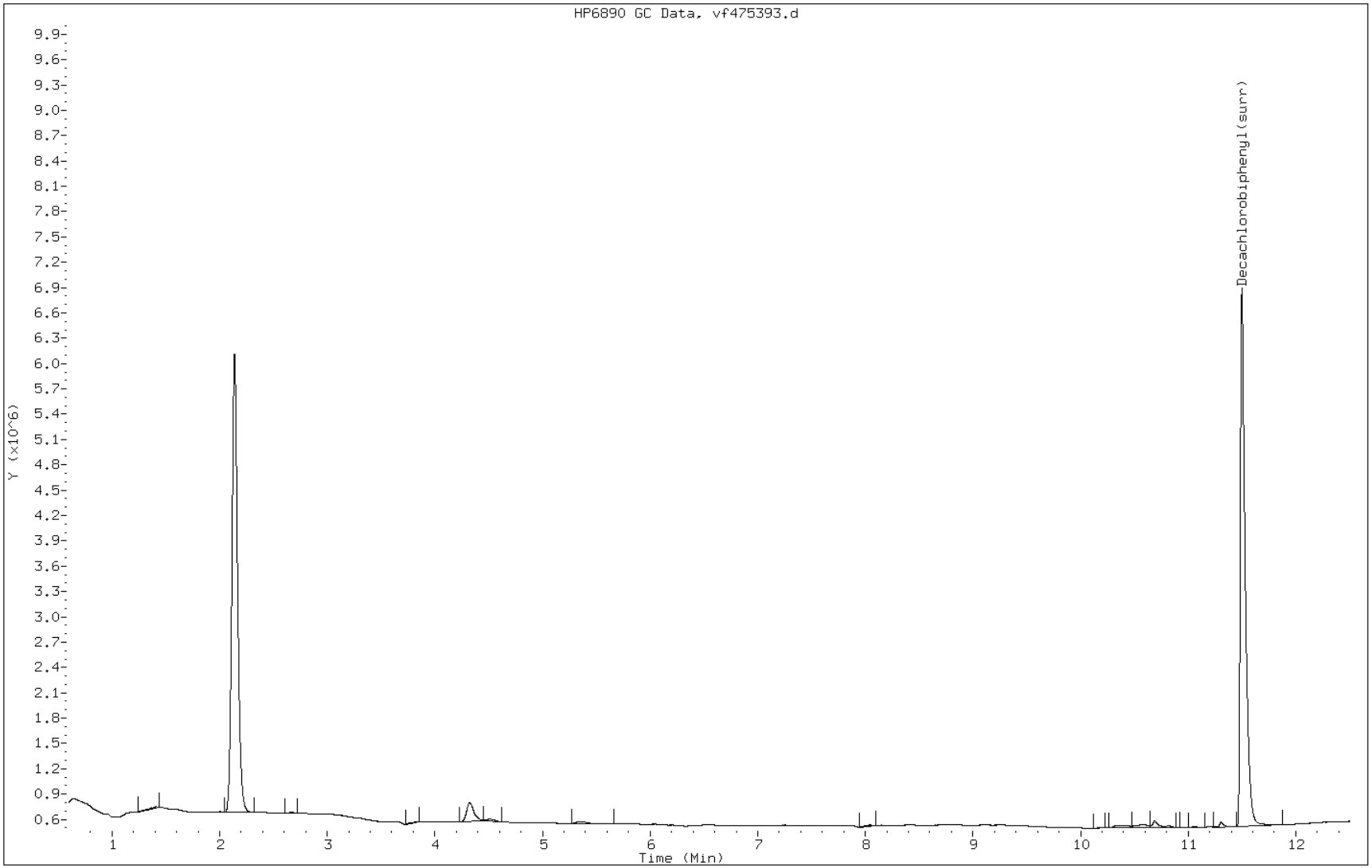
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.500	11.508	-0.008	20110339	67.6794	45	80.00- 120.00	100.00

Data File: vf475393.d

Date: 21-JUN-2012 19:14

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-116909/1- Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-116909/1-A

Matrix: Solid Lab File ID: vr475393.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 19:14

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.: 117069 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	127		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475393.d
Lab Smp Id: MB 460-116909/1-
Inj Date : 21-JUN-2012 19:14
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-116909/1-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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

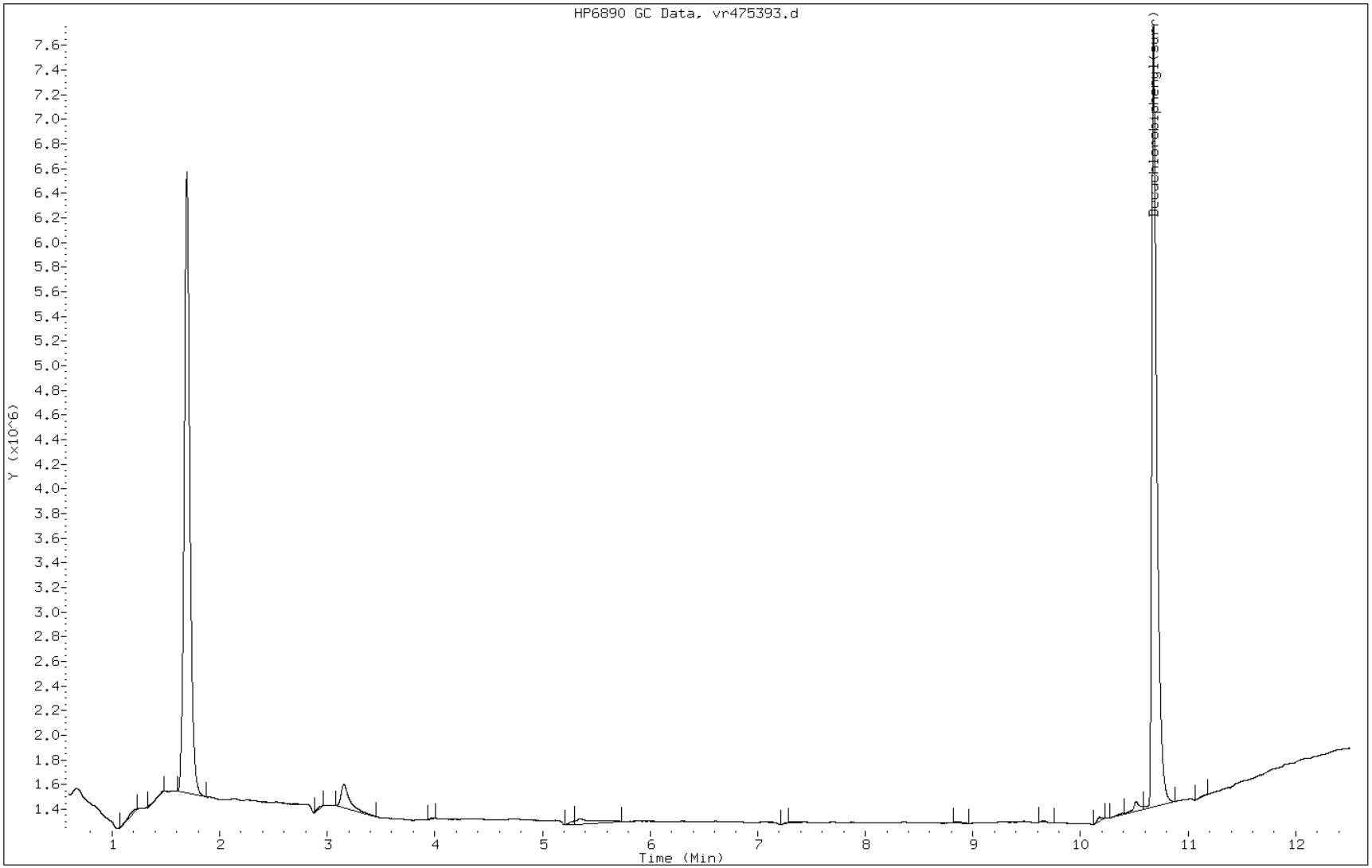
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.678	10.680	-0.002	20326701	63.4851	42	80.00- 120.00	100.00

Data File: vr475393.d

Date: 21-JUN-2012 19:14

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-116909/1- Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-117281/2

Matrix: Solid Lab File ID: qf086506.d

Analysis Method: 8082 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 06/21/2012 19:08

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.13*	*U*	*0.50*	*0.13*
11104-28-2	*Aroclor 1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*Aroclor 1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*Aroclor 1260*	*0.15*	*U*	*0.50*	*0.15*
37324-23-5	*Aroclor 1262*	*0.12*	*U*	*0.50*	*0.12*
11100-14-4	*Aroclor 1268*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: qf086506.d
Report Date: 24-Jun-2012 15:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086506.d
Lab Smp Id: piblk-SGPIBLK_00010
Inj Date : 21-JUN-2012 19:08
Operator : 615 Inst ID: PESTGC8.i
Smp Info : piblk-SGPIBLK_00010
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 2
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		
11.517	11.508	0.009	5003029	21.1157	14	80.00- 120.00	100.00(aR)

QC Flag Legend

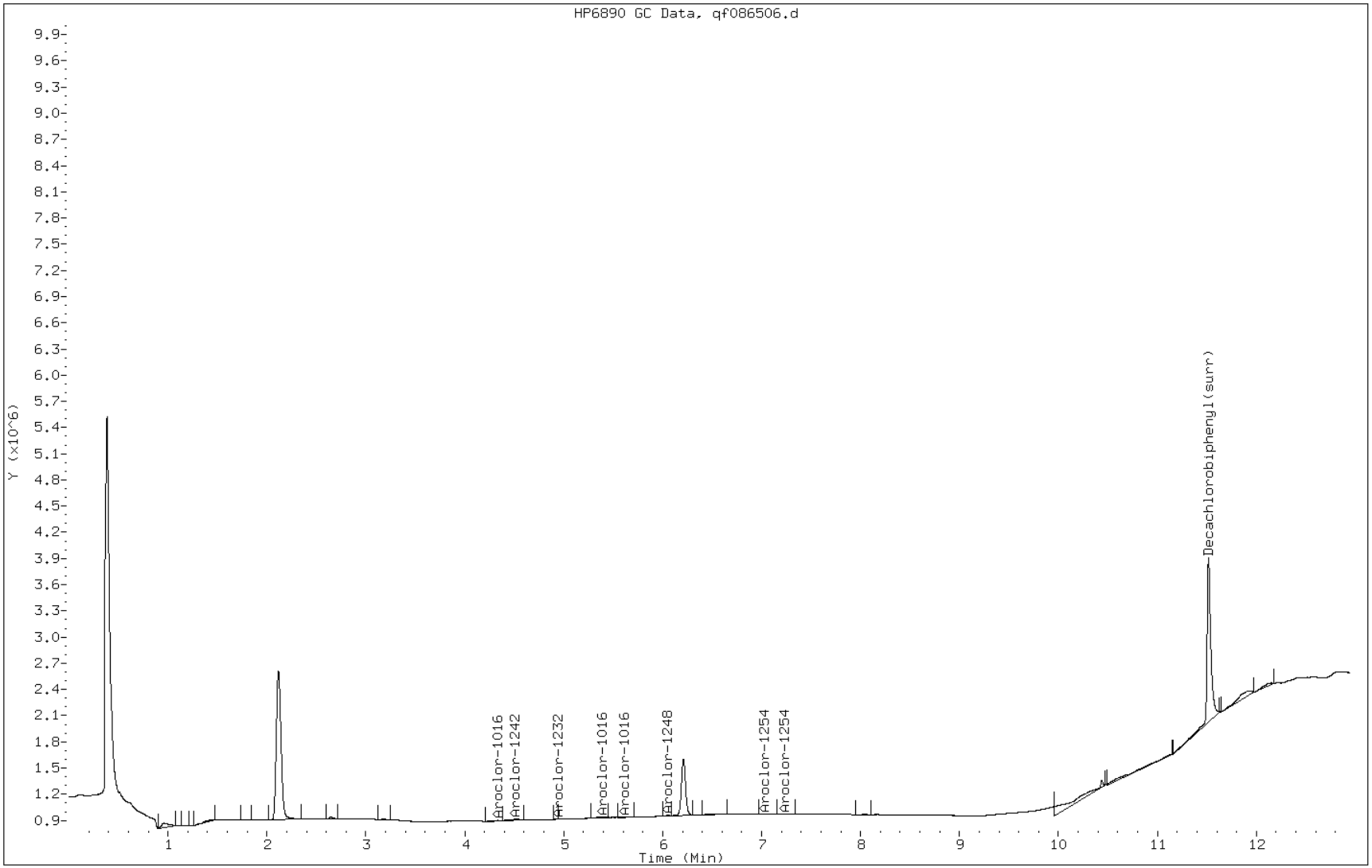
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: qf086506.d

Date: 21-JUN-2012 19:08

Client ID: Instrument: PESTGC8.i

Sample Info: piblk-SGPIBLK_00010 Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-117281/2

Matrix: Solid Lab File ID: qr086506.d

Analysis Method: 8082 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 06/21/2012 19:08

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.13	U	0.50	0.13
11104-28-2	Aroclor 1221	0.28	U	0.50	0.28
11141-16-5	Aroclor 1232	196		0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.24	U	0.50	0.24
11097-69-1	Aroclor 1254	0.17	U	0.50	0.17
11096-82-5	Aroclor 1260	0.15	U	0.50	0.15
37324-23-5	Aroclor 1262	0.12	U	0.50	0.12
11100-14-4	Aroclor 1268	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

Data File: qr086506.d
Report Date: 24-Jun-2012 15:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086506.d
Lab Smp Id: piblk-SGPIBLK_00010
Inj Date : 21-JUN-2012 19:08
Operator : 615 Inst ID: PESTGC8.i
Smp Info : piblk-SGPIBLK_00010
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 2
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
23 Aroclor-1232					CAS #: 11141-16-5		
2.063	2.074	-0.011	928328	112.557	75	80.00- 120.00	100.00(Ta)
0.000	2.521	-2.521	0			72.54- 108.80	0.00
0.000	2.773	-2.773	0			47.79- 71.68	0.00
0.000	3.126	-3.126	0			145.61- 218.41	0.00
0.000	3.329	-3.329	0			55.49- 83.23	0.00
3.473	3.426	0.047	2344154	666.701	440	34.10- 51.16	252.51
4.019	4.046	-0.027	2070	0.32973	0.22	60.89- 91.34	0.22
4.626	4.618	0.008	14265	5.25920	3.5	26.31- 39.46	1.54
			Average of Peak Concentrations =		130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.652	10.651	0.001	7406680	21.7466	14	80.00- 120.00	100.00(aR)

Data File: qr086506.d
Report Date: 24-Jun-2012 15:04

QC Flag Legend

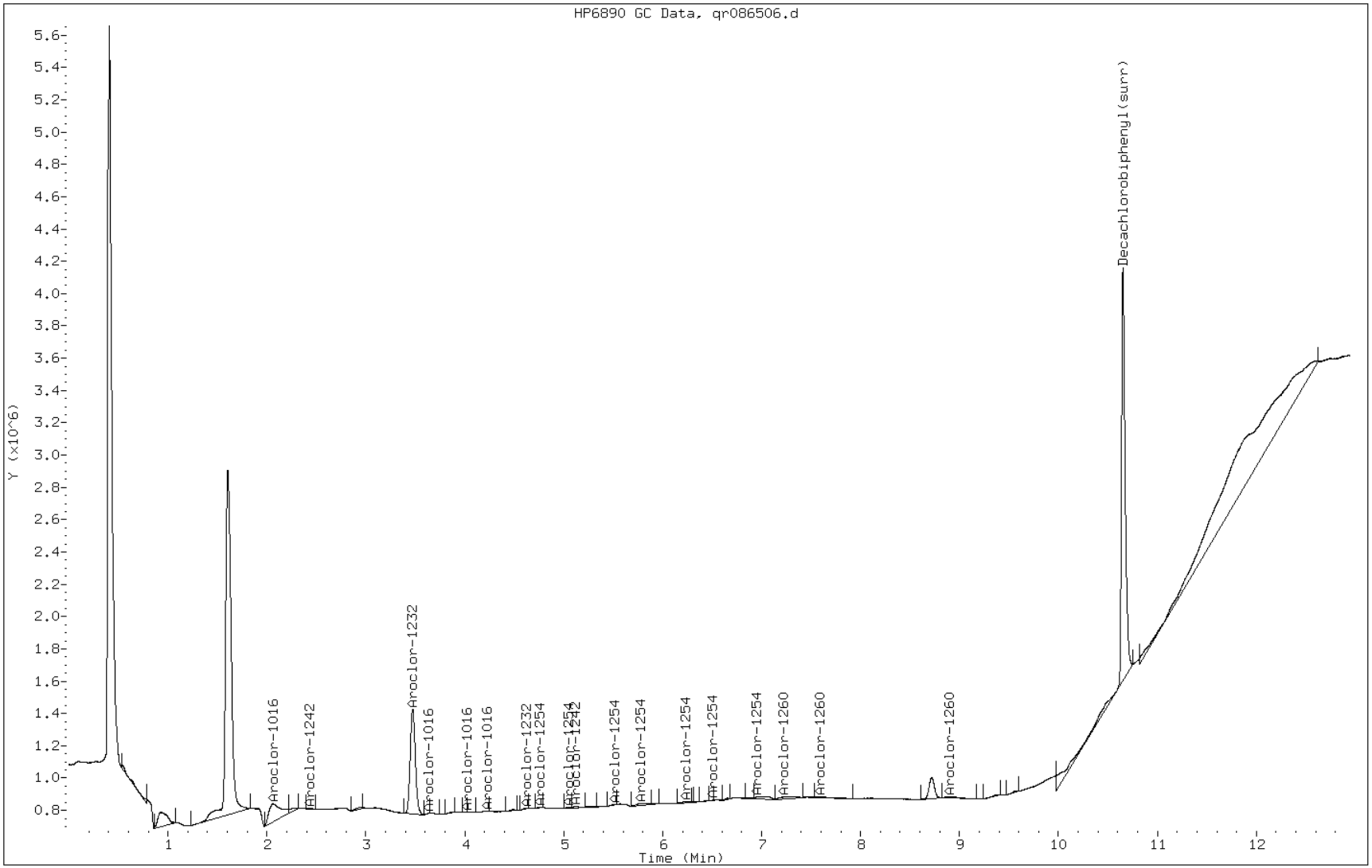
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: qr086506.d

Date: 21-JUN-2012 19:08

Client ID: Instrument: PESTGC8.i

Sample Info: piblk-SGPIBLK_00010 Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116907/2-A

Matrix: Solid Lab File ID: qf086509.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 20:30

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.: 117281 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	408		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	406		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	105		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086509.d
Lab Smp Id: LCS 460-116907/2-A
Inj Date : 21-JUN-2012 20:30
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-116907/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.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		
2.826	2.847	-0.021	3942570	643.893	430	80.00- 120.00	100.00(M)
3.479	3.502	-0.023	8027655	619.852	410	174.18- 261.27	203.61
3.923	3.946	-0.023	3902457	712.718	480	71.62- 107.44	98.98
4.325	4.346	-0.021	16846276	636.775	420	342.23- 513.34	427.29
4.573	4.592	-0.019	7720234	651.261	430	148.40- 222.59	195.82
5.043	5.030	0.013	2904139	411.077	270	92.36- 138.55	73.66
5.401	5.419	-0.018	4497169	563.410	380	101.28- 151.92	165.69
5.611	5.629	-0.018	5012856	655.592	440	103.99- 155.99	127.15
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
7.603	7.619	-0.016	11700706	651.056	430	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)							
8.048	8.064	-0.016	14846570	630.626	420	107.63- 161.45	126.89
8.886	8.904	-0.018	18323140	630.353	420	137.55- 206.32	156.60
9.142	9.162	-0.020	10234301	631.646	420	77.70- 116.54	87.47
9.284	9.302	-0.018	5396388	671.063	450	40.54- 60.81	46.12
9.776	9.791	-0.015	8437670	645.817	430	61.23- 91.85	72.11
10.557	10.564	-0.007	7876168	474.708	320	75.66- 113.48	67.31
11.052	11.053	-0.001	3316115	540.553	360	28.48- 42.73	28.34
		Average of Peak Concentrations =			410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.513	11.508	0.005	12388347	52.2860	35	80.00- 120.00	100.00(H)

QC Flag Legend

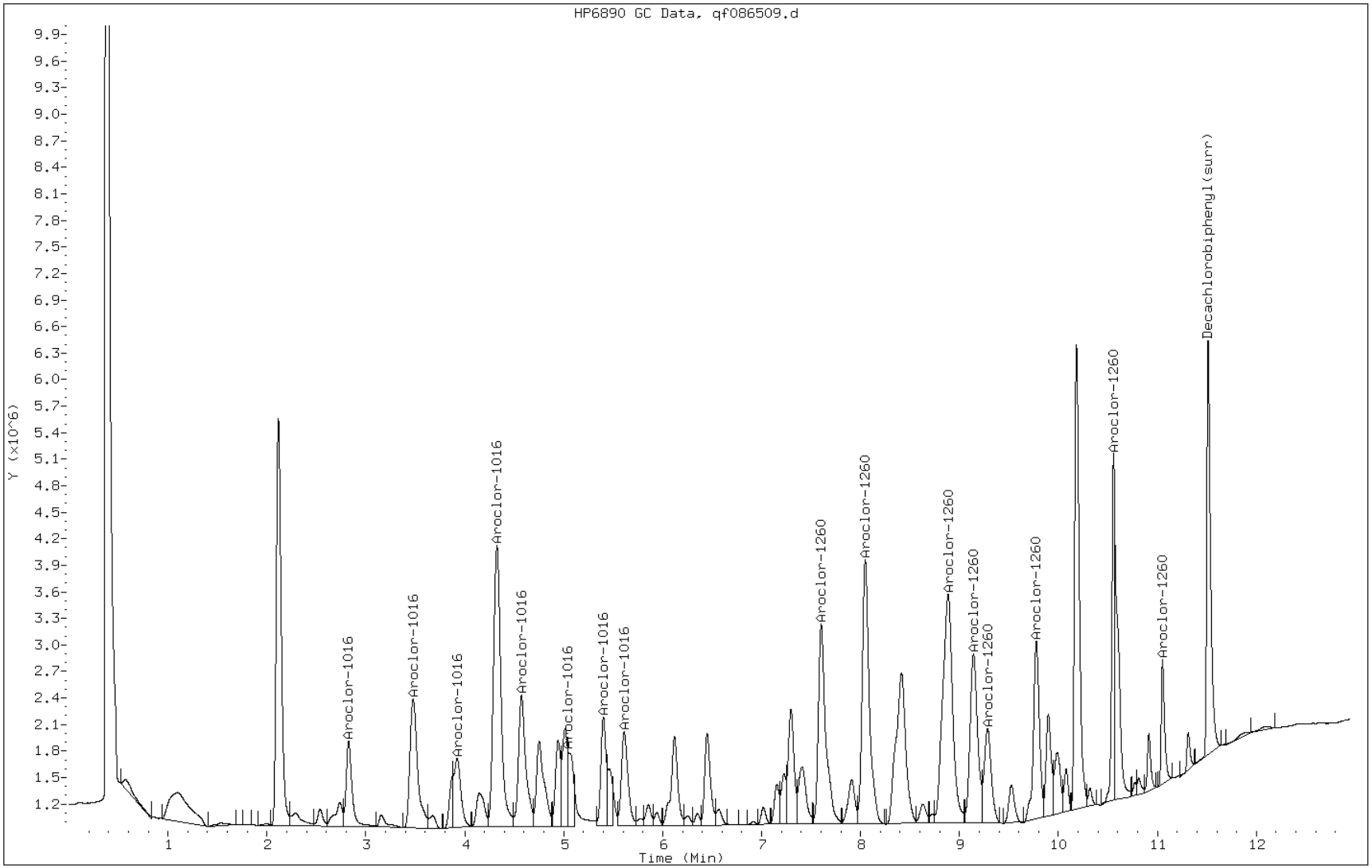
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qf086509.d

Date: 21-JUN-2012 20:30

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-116907/2-A Operator: 615



Manual Integration Report

Data File: qf086509.d
Inj. Date and Time: 21-JUN-2012 20:30
Instrument ID: PESTGC8.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

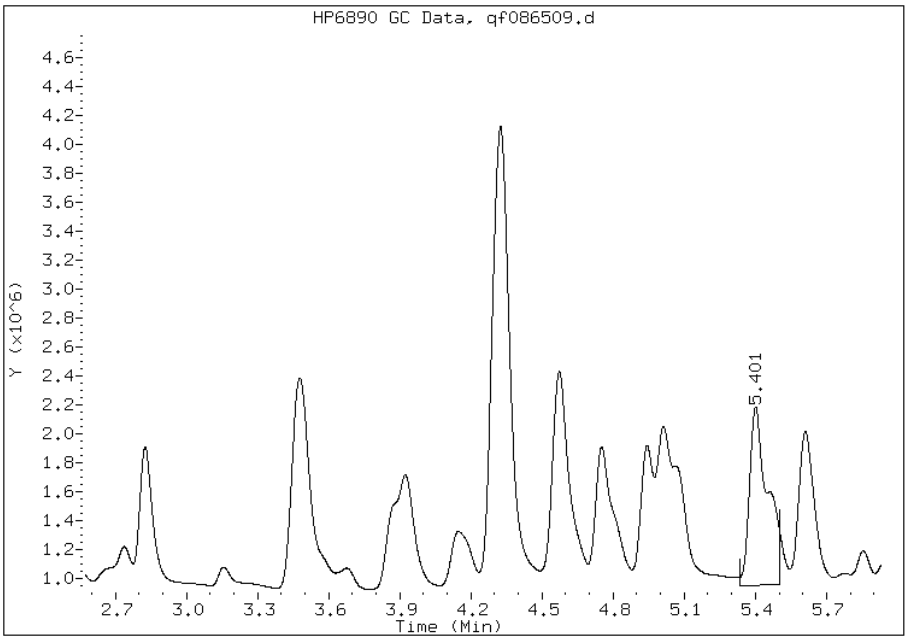
Processing Integration Results

RT: 5.40

Response: 6532560

Amount: 643.70

Conc: 430.00



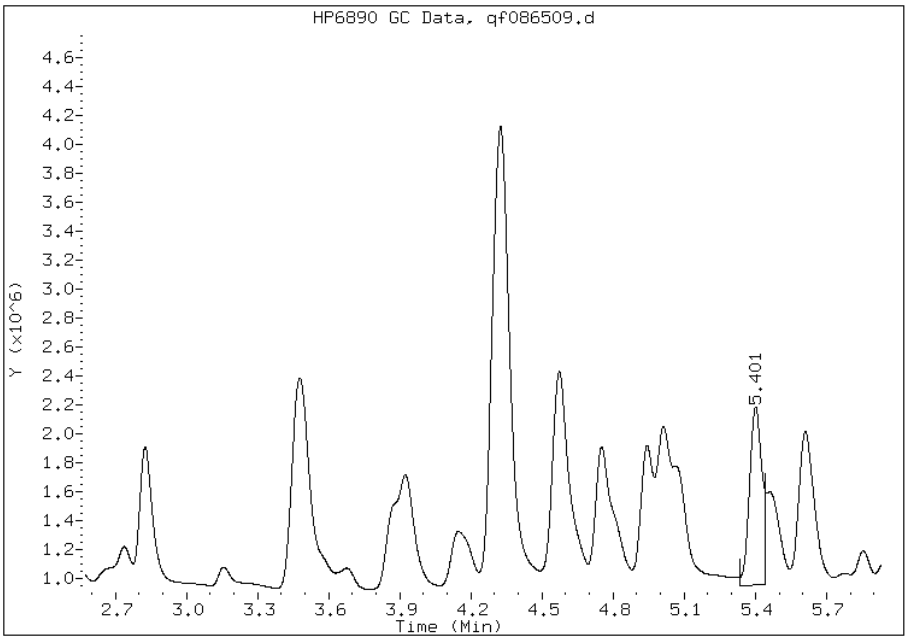
Manual Integration Results

RT: 5.40

Response: 4497169

Amount: 611.82

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: qf086509.d
Inj. Date and Time: 21-JUN-2012 20:30
Instrument ID: PESTGC8.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 7.62

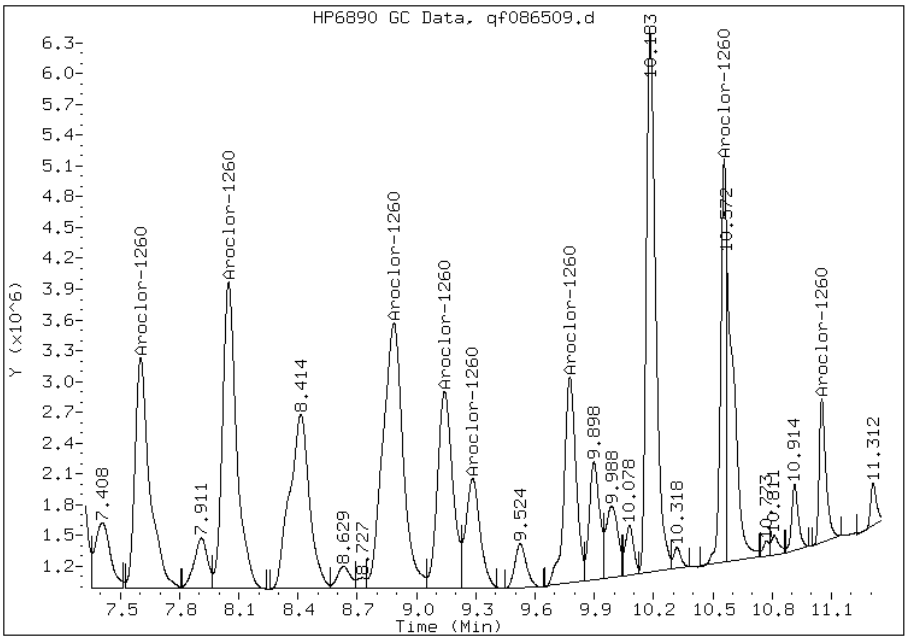
Manual Integration Results

RT: 7.60

Response: 11700706

Amount: 609.48

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116907/2-A

Matrix: Solid | Lab File ID: qr086509.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 20:30

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.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*386*		*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*	*365*		*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	103		30-150

Data File: qr086509.d
Report Date: 24-Jun-2012 15:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086509.d
Lab Smp Id: LCS 460-116907/2-A
Inj Date : 21-JUN-2012 20:30
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-116907/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.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		
2.043	2.069	-0.026	4741906	518.915	340	80.00- 120.00	100.00(M)
2.497	2.518	-0.021	9014081	558.748	370	138.84- 208.26	190.09
2.750	2.770	-0.020	5699617	535.530	360	93.85- 140.78	120.20
3.106	3.124	-0.018	21524245	591.159	390	316.73- 475.10	453.92
3.308	3.326	-0.018	7958153	571.118	380	124.02- 186.03	167.83
3.663	3.684	-0.021	8683047	601.318	400	131.65- 197.48	183.11
4.028	4.044	-0.016	8176530	580.053	390	129.06- 193.59	172.43
4.173	4.175	-0.002	4144386	675.240	450	57.57- 86.36	87.40
		Average of Peak Concentrations =			390		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.079	-0.007	12638495	564.191	380	80.00- 120.00	100.00

Data File: qr086509.d
Report Date: 24-Jun-2012 15:34

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.525	6.533	-0.008	24610966	573.383	380	156.71- 235.07	194.73
6.968	6.975	-0.007	21520874	557.886	370	144.29- 216.43	170.28
7.169	7.176	-0.007	11037047	533.532	360	78.18- 117.27	87.33
7.607	7.613	-0.006	9845372	516.480	340	71.19- 106.78	77.90
8.895	8.904	-0.009	11760092	523.027	350	91.06- 136.58	93.05
9.117	9.126	-0.009	7276578	576.821	380	51.92- 77.88	57.57
10.173	10.177	-0.004	5208996	530.284	350	42.78- 64.17	41.22
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.652	10.651	0.001	17468947	51.2901	34	80.00- 120.00	100.00

QC Flag Legend

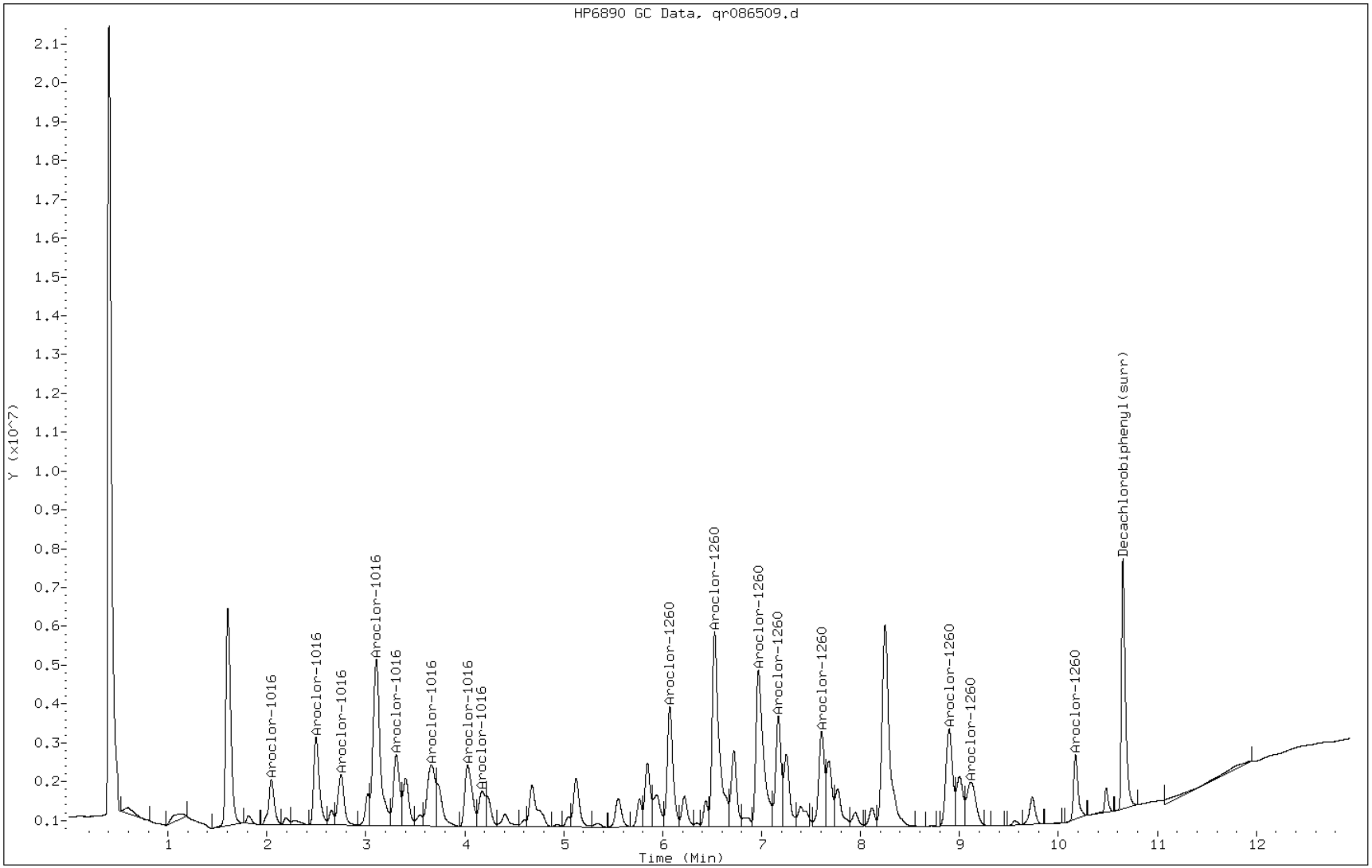
M - Compound response manually integrated.

Data File: qr086509.d

Date: 21-JUN-2012 20:30

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-116907/2-A Operator: 615



Manual Integration Report

Data File: qr086509.d
Inj. Date and Time: 21-JUN-2012 20:30
Instrument ID: PESTGC8.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 2.07

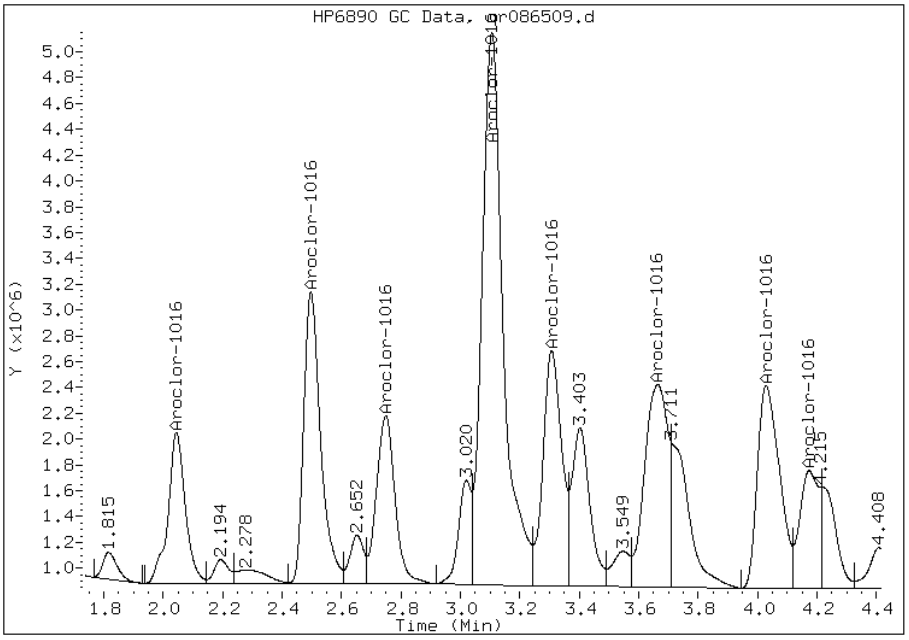
Manual Integration Results

RT: 2.04

Response: 4741906

Amount: 579.01

Conc: 390.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-116909/2-A

Matrix: Solid Lab File ID: vf475394.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 19:30

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.: 117069 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	415		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*	*436*		*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	138		30-150

Data File: vf475394.d
Report Date: 22-Jun-2012 00:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475394.d
Lab Smp Id: LCS 460-116909/2
Inj Date : 21-JUN-2012 19:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-116909/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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		
2.839	2.841	-0.002	5146165	593.806	400	80.00- 120.00	100.00(M)
3.486	3.489	-0.003	11321851	610.224	410	167.10- 250.66	220.01
3.928	3.931	-0.003	4849853	631.127	420	71.61- 107.41	94.24
4.329	4.333	-0.004	21816910	638.154	420	310.95- 466.42	423.94
4.575	4.578	-0.003	9367387	628.484	420	135.86- 203.78	182.03
5.014	5.018	-0.004	5593609	566.731	380	83.21- 124.82	108.69
5.403	5.407	-0.004	7096304	659.550	440	98.64- 147.96	137.89
5.613	5.617	-0.004	6982478	651.080	430	109.30- 163.95	135.68
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
7.595	7.599	-0.004	15172887	627.636	420	80.00- 120.00	100.00(M)

Data File: vf475394.d
Report Date: 22-Jun-2012 00:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.035	8.041	-0.006	17323640	618.118	410	92.28- 138.42	114.17
8.856	8.862	-0.006	24322829	620.190	410	135.28- 202.92	160.30
9.108	9.114	-0.006	11842999	623.397	420	63.46- 95.19	78.05
9.251	9.258	-0.007	6368408	607.072	400	36.43- 54.65	41.97
9.762	9.766	-0.004	12038702	684.162	460	61.74- 92.61	79.34
10.565	10.568	-0.003	14202607	693.423	460	74.56- 111.84	93.61
11.055	11.061	-0.006	5475626	753.047	500	27.83- 41.75	36.09
		Average of Peak Concentrations =			440		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.496	11.508	-0.012	20487006	68.9470	46	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf475394.d

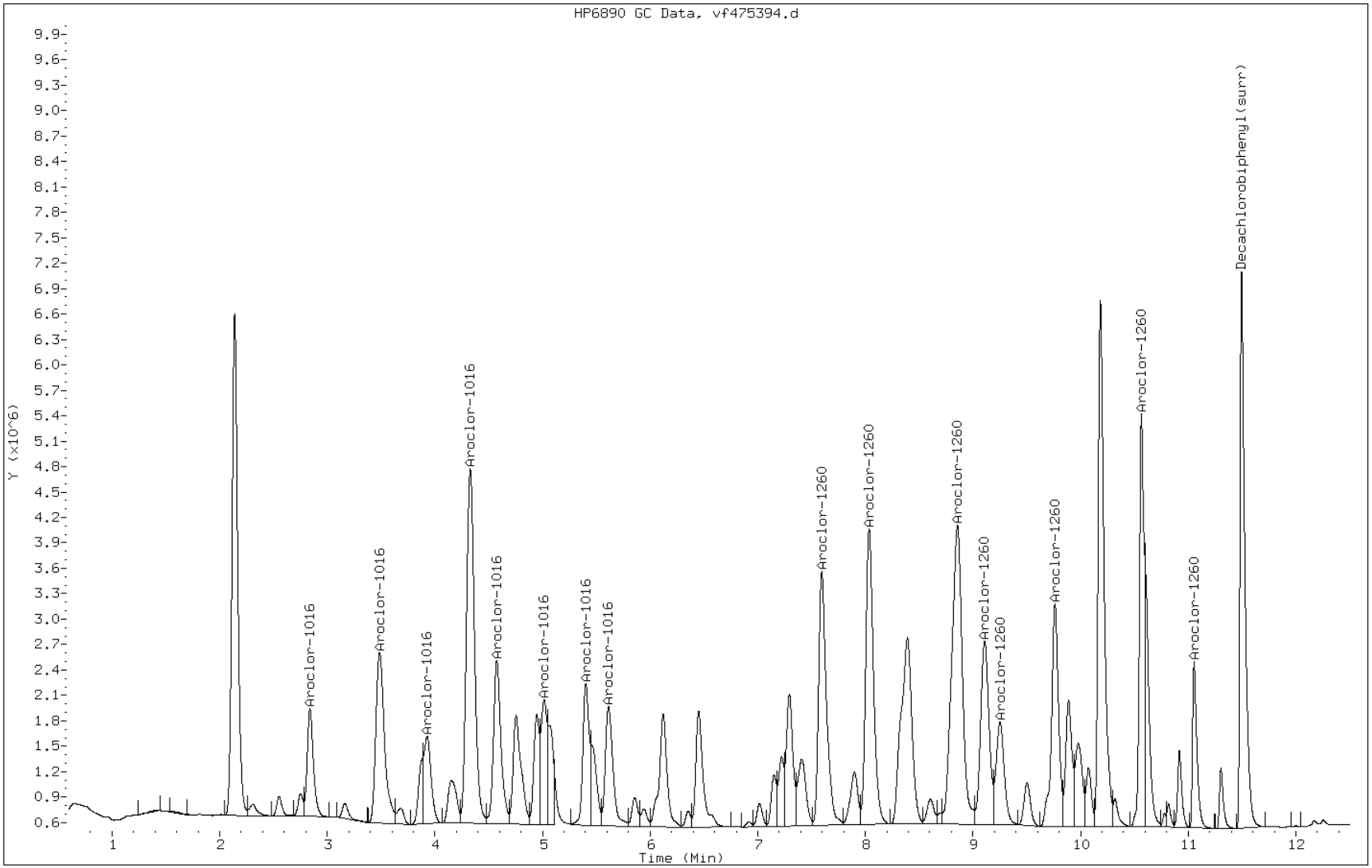
Date: 21-JUN-2012 19:30

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-116909/2

Operator: 615



Manual Integration Report

Data File: vf475394.d
Inj. Date and Time: 21-JUN-2012 19:30
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.84

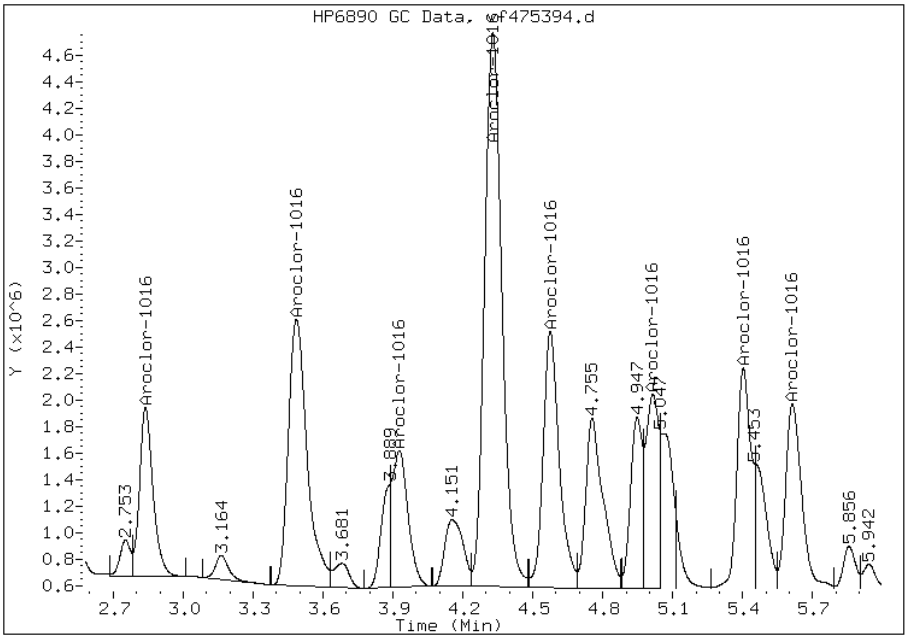
Manual Integration Results

RT: 2.84

Response: 5146165

Amount: 622.39

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: vf475394.d
Inj. Date and Time: 21-JUN-2012 19:30
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 7.60

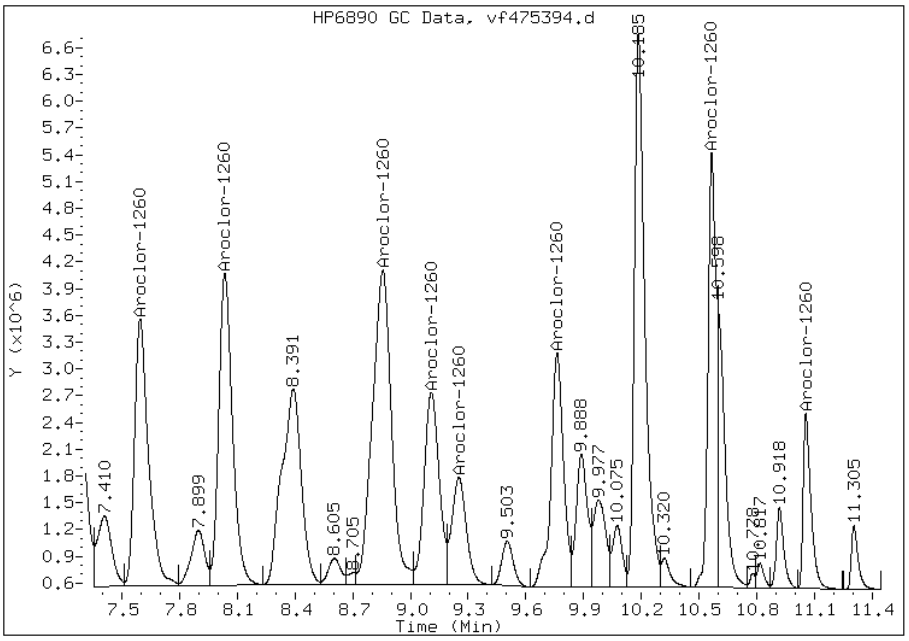
Manual Integration Results

RT: 7.59

Response: 15172887

Amount: 653.38

Conc: 440.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-116909/2-A

Matrix: Solid | Lab File ID: vr475394.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 19:30

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.: 117069 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*414*		*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	446		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	131		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475394.d
Lab Smp Id: LCS 460-116909/2
Inj Date : 21-JUN-2012 19:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-116909/2
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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		
2.135	2.138	-0.003	4913317	576.522	380	80.00- 120.00	100.00(M)
2.585	2.587	-0.002	9396088	616.637	410	140.26- 210.39	191.24
2.836	2.841	-0.005	5938657	598.998	400	101.39- 152.09	120.87
3.196	3.199	-0.003	22165220	652.669	440	314.38- 471.57	451.13
3.410	3.413	-0.003	7776206	632.966	420	120.15- 180.23	158.27
3.775	3.778	-0.003	7834644	616.158	410	120.80- 181.20	159.46
4.132	4.135	-0.003	7625295	604.268	400	121.42- 182.13	155.20
4.279	4.282	-0.003	3506765	671.551	450	52.39- 78.59	71.37
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
6.161	6.164	-0.003	13329537	664.962	440	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)							
6.611	6.615	-0.004	25621444	671.527	450	154.28- 231.42	192.22
7.059	7.062	-0.003	22724134	672.707	450	143.44- 215.15	170.48
7.265	7.268	-0.003	12199677	673.986	450	75.55- 113.32	91.52
7.712	7.716	-0.004	10770252	664.446	440	68.31- 102.47	80.80
9.030	9.036	-0.006	13088095	663.890	440	87.99- 131.99	98.19
9.258	9.264	-0.006	7547727	654.795	440	52.32- 78.48	56.62
10.223	10.225	-0.002	6437804	682.381	450	43.57- 65.35	48.30
		Average of Peak Concentrations =			440		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.677	10.680	-0.003	21050986	65.7472	44	80.00- 120.00	100.00

QC Flag Legend

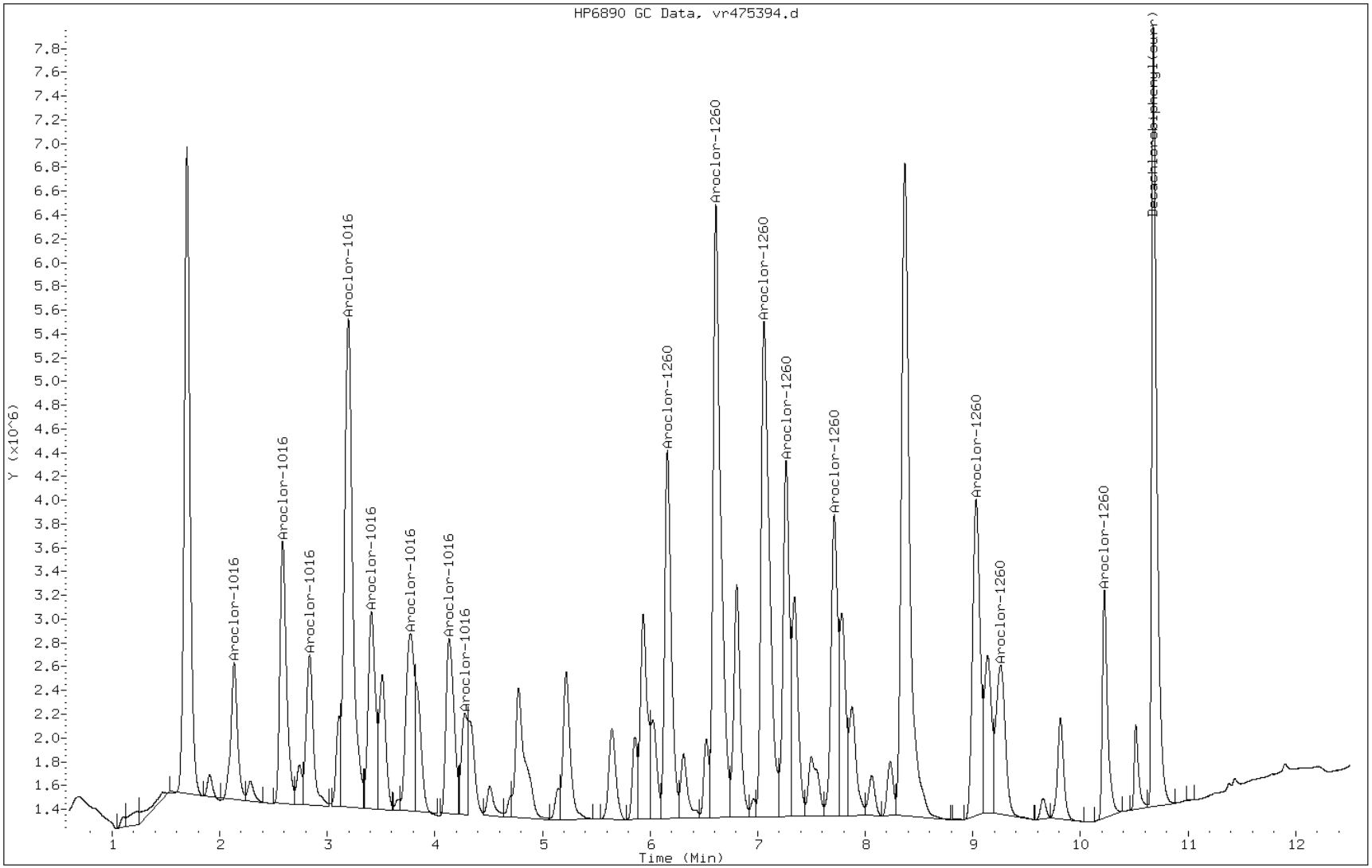
M - Compound response manually integrated.

Data File: vr475394.d

Date: 21-JUN-2012 19:30

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-116909/2 Operator: 615



Manual Integration Report

Data File: vr475394.d
Inj. Date and Time: 21-JUN-2012 19:30
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.14

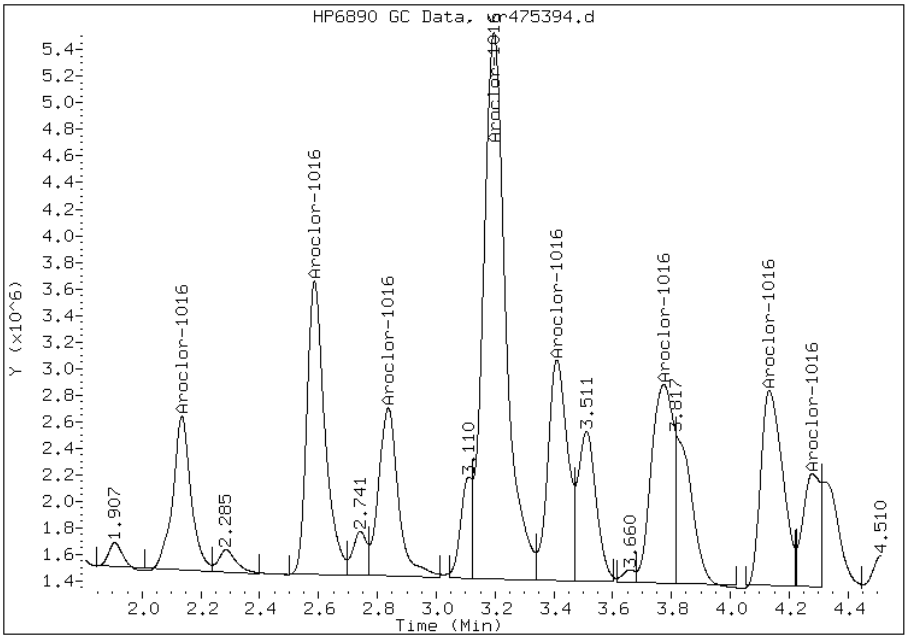
Manual Integration Results

RT: 2.13

Response: 4913317

Amount: 621.22

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: qf086510.d

Analysis Method: 8082 | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) | Date Analyzed: 06/21/2012 20:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*393*		*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*	*354*		*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	89		30-150

Data File: qf086510.d
Report Date: 24-Jun-2012 15:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086510.d
Lab Smp Id: 460-41492-D-8-D MS Client Smp ID: SF-8
Inj Date : 21-JUN-2012 20:45
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-D MS
Misc Info : 460-41492-D-8-D MS
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.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 (mL)
Ws	15.04000	Weight of sample extracted (g)
M	14.36364	% 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		
2.681	2.847	-0.166	4176938	682.170	530	80.00- 120.00	100.00(TM)
3.285	3.502	-0.217	7893849	609.520	470	174.18- 261.27	188.99
3.716	3.946	-0.230	2894096	528.558	410	71.62- 107.44	69.29
4.372	4.346	0.026	6654780	251.545	200	342.23- 513.34	159.32
4.558	4.592	-0.034	4778656	403.116	310	148.40- 222.59	114.41
4.826	5.030	-0.204	3369163	476.900	370	92.36- 138.55	80.66
5.226	5.419	-0.193	4522242	566.551	440	101.28- 151.92	108.27
5.442	5.629	-0.187	4037362	528.014	410	103.99- 155.99	96.66
Average of Peak Concentrations =					390		
27 Aroclor-1260					CAS #: 11096-82-5		
7.477	7.619	-0.142	10764430	598.959	460	80.00- 120.00	100.00(TM)
7.925	8.064	-0.139	12944800	549.846	430	107.63- 161.45	120.26

Data File: qf086510.d
Report Date: 24-Jun-2012 15:22

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.289	8.904	-0.615	9019261	310.281	240	137.55- 206.32	83.79
9.165	9.162	0.003	4337988	267.734	210	77.70- 116.54	40.30
0.000	9.302	-9.302	0			40.54- 60.81	0.00
9.702	9.791	-0.089	6017701	460.593	360	61.23- 91.85	55.90
10.528	10.564	-0.036	8796038	530.150	410	75.66- 113.48	81.71
11.027	11.053	-0.026	2915554	475.258	370	28.48- 42.73	27.09
		Average of Peak Concentrations =			350		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.488	11.508	-0.020	10565112	44.5909	35	80.00- 120.00	100.00

QC Flag Legend

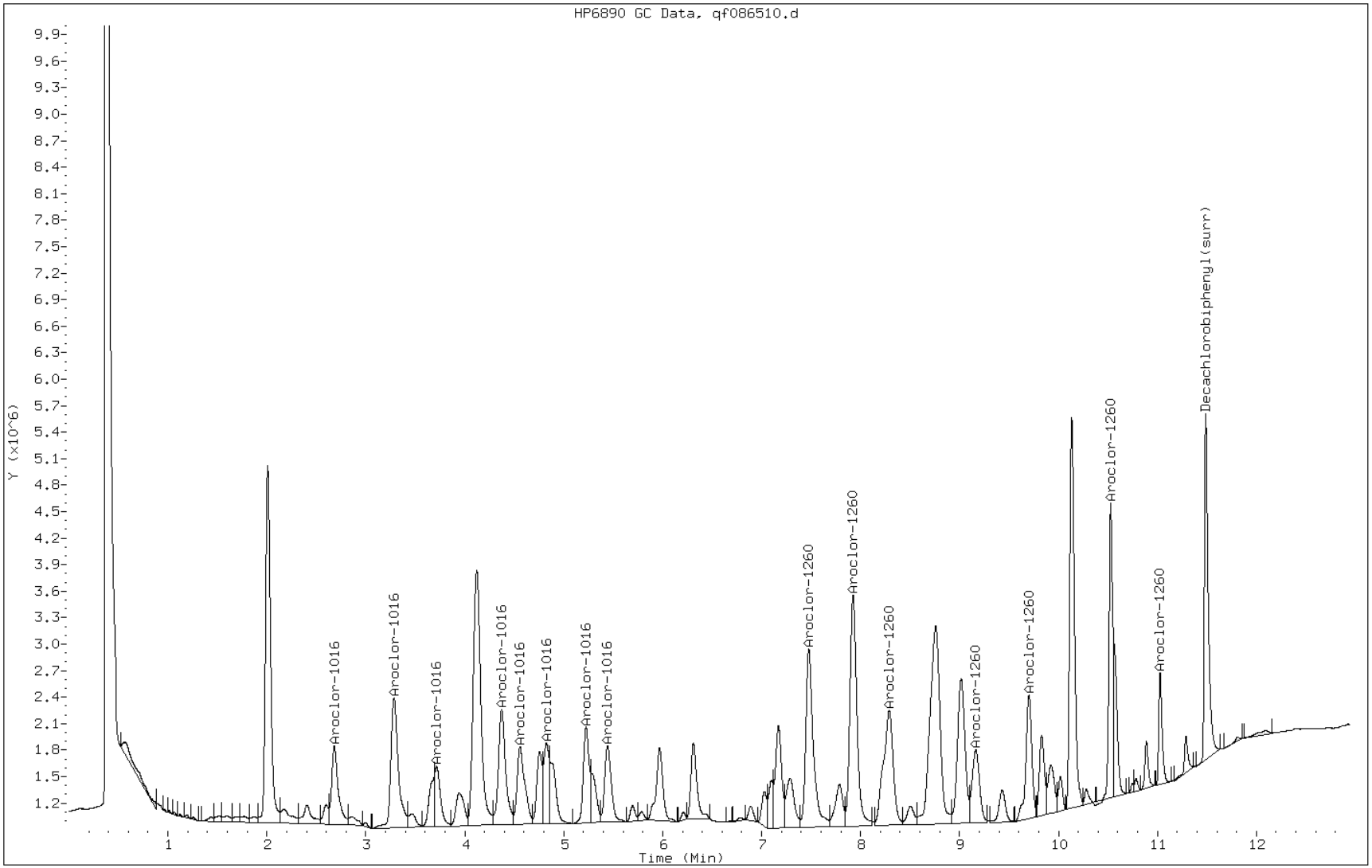
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: qf086510.d

Date: 21-JUN-2012 20:45

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-D MS Operator: 615



Manual Integration Report

Data File: qf086510.d
Inj. Date and Time: 21-JUN-2012 20:45
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 2.85

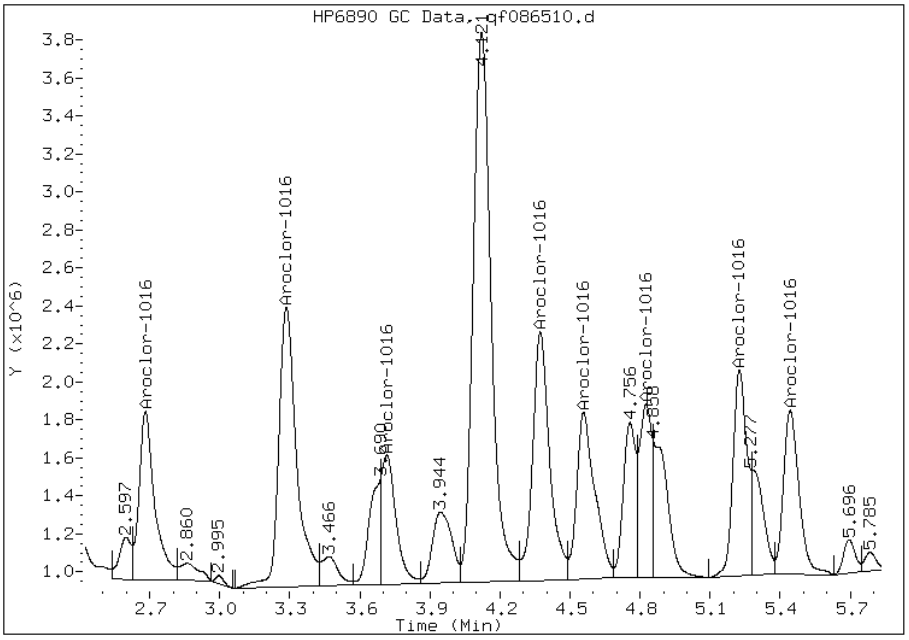
Manual Integration Results

RT: 2.68

Response: 4176938

Amount: 505.80

Conc: 390.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: qf086510.d
Inj. Date and Time: 21-JUN-2012 20:45
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 7.62

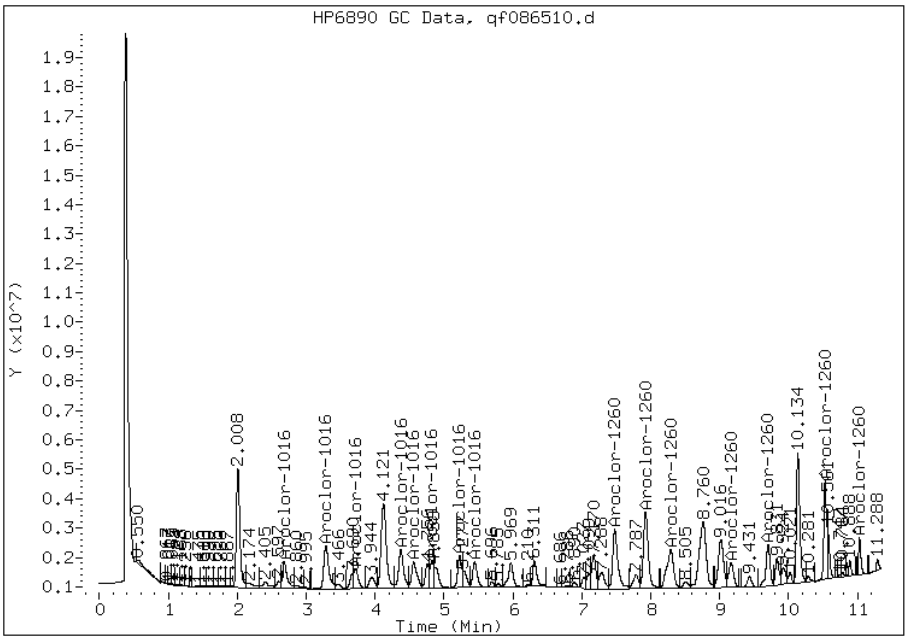
Manual Integration Results

RT: 7.48

Response: 10764430

Amount: 456.12

Conc: 350.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MS | Lab Sample ID: 460-41492-8 MS

Matrix: Solid | Lab File ID: qr086510.d

Analysis Method: 8082 | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.04(g) | Date Analyzed: 06/21/2012 20:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	436		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	363		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	79		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086510.d
Lab Smp Id: 460-41492-D-8-D MS Client Smp ID: SF-8
Inj Date : 21-JUN-2012 20:45
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-D MS
Misc Info : 460-41492-D-8-D MS
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 6 QC Sample: MS
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	14.36364	% 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		
1.957	2.069	-0.112	6428072	703.436	550	80.00- 120.00	100.00(TM)
2.385	2.518	-0.133	9909357	614.242	480	138.84- 208.26	154.16
2.627	2.770	-0.143	6722292	631.620	490	93.85- 140.78	104.58
3.155	3.124	0.031	7808206	214.451	170	316.73- 475.10	121.47
3.368	3.326	0.042	0			124.02- 186.03	0.00
0.000	3.684	-3.684	0			131.65- 197.48	0.00
3.843	4.044	-0.201	7615472	540.250	420	129.06- 193.59	118.47
3.992	4.175	-0.183	4066438	662.540	510	57.57- 86.36	63.26
		Average of Peak Concentrations =			440		
27 Aroclor-1260					CAS #: 11096-82-5		
5.935	6.079	-0.144	11175804	498.896	390	80.00- 120.00	100.00(TM)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.402	6.533	-0.131	20827398	485.234	380	156.71- 235.07	186.36
6.856	6.975	-0.119	18271374	473.649	370	144.29- 216.43	163.49
7.058	7.176	-0.118	9973312	482.111	370	78.18- 117.27	89.24
7.496	7.613	-0.117	8854085	464.478	360	71.19- 106.78	79.23
8.788	8.904	-0.116	9496920	422.373	330	91.06- 136.58	84.98
9.011	9.126	-0.115	5779045	458.110	360	51.92- 77.88	51.71
10.130	10.177	-0.047	4519076	460.049	360	42.78- 64.17	40.44
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.627	10.651	-0.024	13481981	39.5841	31	80.00- 120.00	100.00

QC Flag Legend

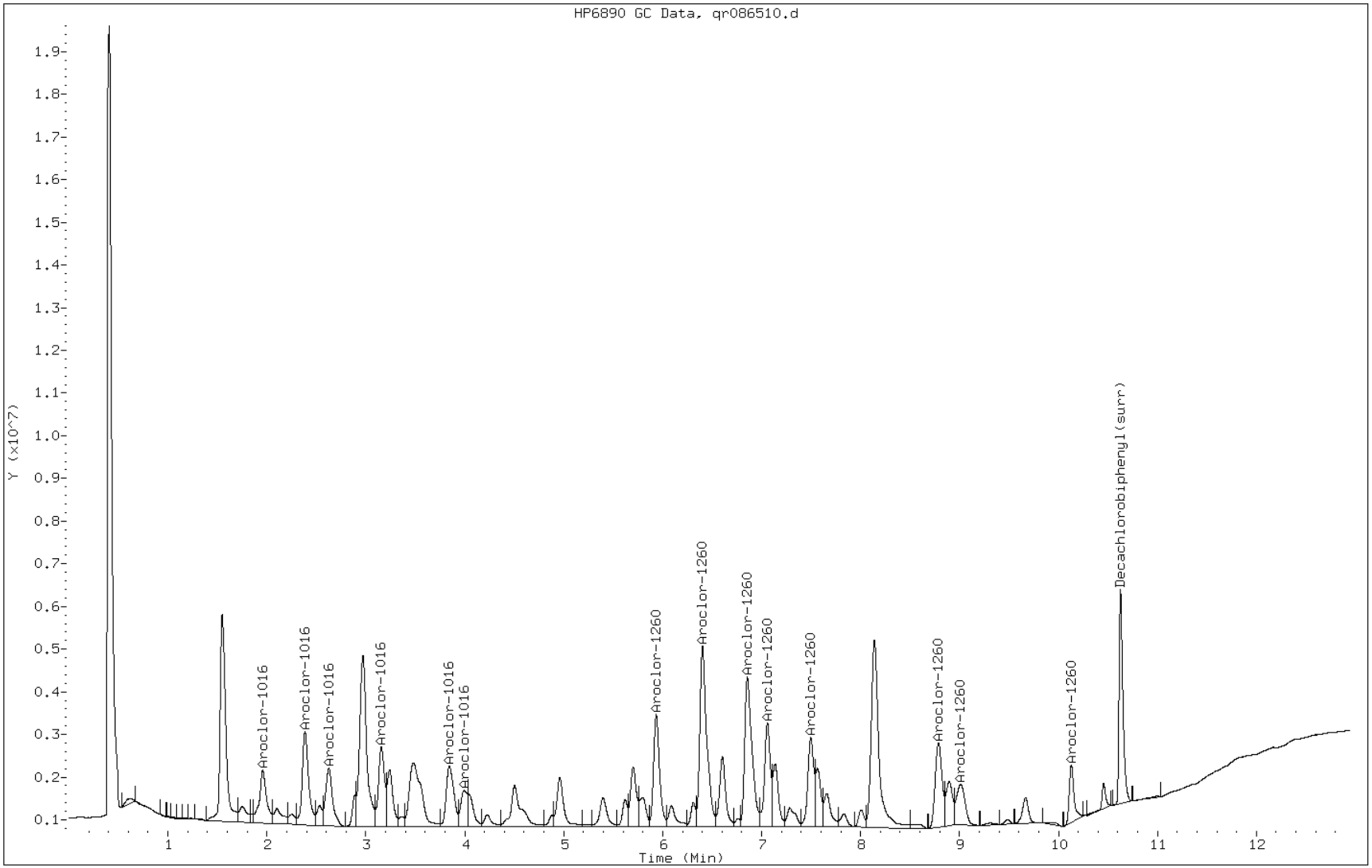
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: qr086510.d

Date: 21-JUN-2012 20:45

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-D MS Operator: 615



Manual Integration Report

Data File: qr086510.d
Inj. Date and Time: 21-JUN-2012 20:45
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

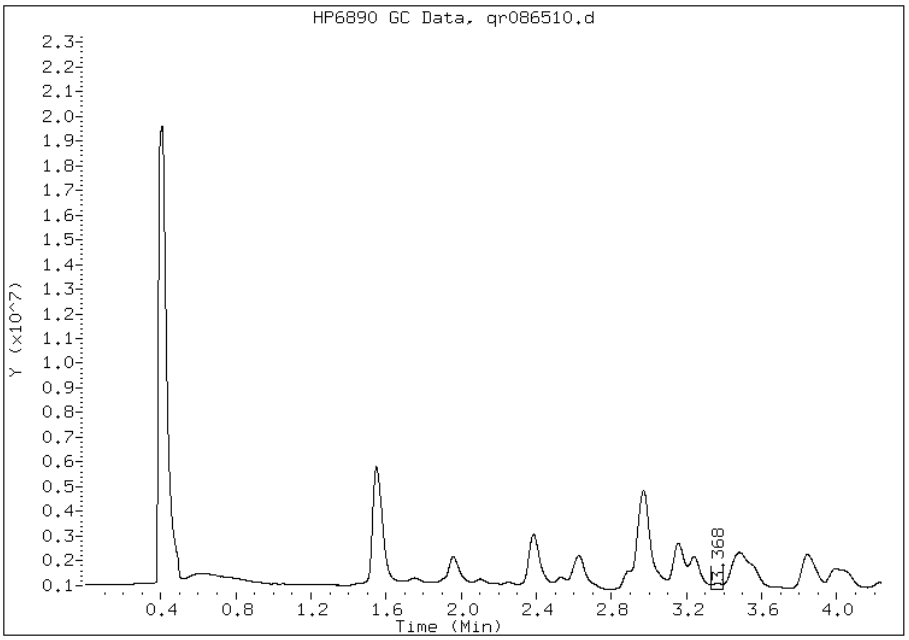
Processing Integration Results

RT: 3.37

Response: 833756

Amount: 541.96

Conc: 420.00



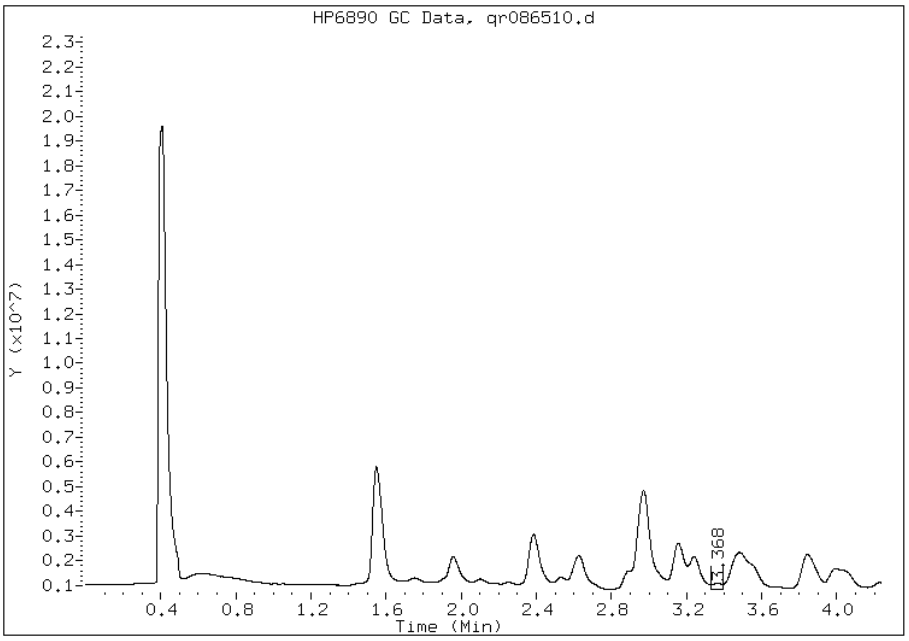
Manual Integration Results

RT: 3.37

Response: 0

Amount: 561.09

Conc: 440.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: qr086510.d
Inj. Date and Time: 21-JUN-2012 20:45
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 6.08

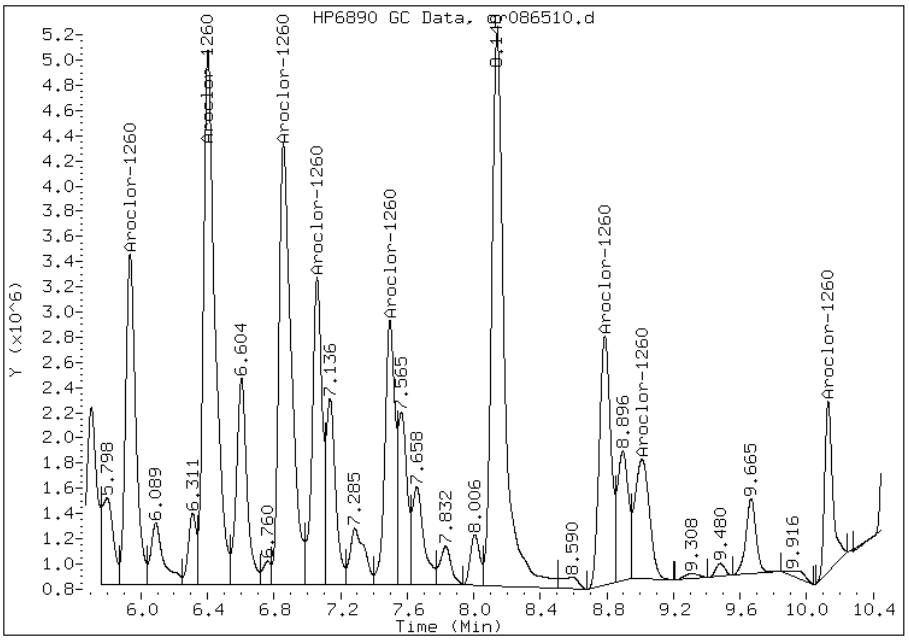
Manual Integration Results

RT: 5.93

Response: 11175804

Amount: 468.11

Conc: 360.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS Lab Sample ID: 460-41492-21 MS

Matrix: Solid Lab File ID: vf475396.d

Analysis Method: 8082 Date Collected: 06/19/2012 14:25

Extraction Method: 3541 Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) Date Analyzed: 06/21/2012 20:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*422*		*77*	*15*
11104-28-2	*Aroclor 1221*	*23*	*U*	*77*	*23*
11141-16-5	*Aroclor 1232*	*44*	*U*	*77*	*44*
53469-21-9	*Aroclor 1242*	*15*	*U*	*77*	*15*
12672-29-6	*Aroclor 1248*	*20*	*U*	*77*	*20*
11097-69-1	*Aroclor 1254*	*26*	*U*	*77*	*26*
11096-82-5	*Aroclor 1260*	*474*		*77*	*8.6*
37324-23-5	*Aroclor 1262*	*13*	*U*	*77*	*13*
11100-14-4	*Aroclor 1268*	*13*	*U*	*77*	*13*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

Data File: vf475396.d
Report Date: 22-Jun-2012 00:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475396.d
Lab Smp Id: 460-41492-D-21-A MS
Inj Date : 21-JUN-2012 20:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.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		
2.836	2.841	-0.005	4728543	545.618	360	80.00- 120.00	100.00(M)
3.482	3.489	-0.007	10412810	561.229	370	167.10- 250.66	220.21
3.931	3.931	0.000	2231873	290.441	190	71.61- 107.41	47.20
4.326	4.333	-0.007	20362934	595.624	400	310.95- 466.42	430.64
4.571	4.578	-0.007	8649559	580.323	390	135.86- 203.78	182.92
5.012	5.018	-0.006	6641260	672.877	450	83.21- 124.82	140.45
5.400	5.407	-0.007	6120391	568.846	380	98.64- 147.96	129.44
5.611	5.617	-0.006	6295601	587.032	390	109.30- 163.95	133.14
Average of Peak Concentrations =					370		
27 Aroclor-1260					CAS #: 11096-82-5		
7.591	7.599	-0.008	14637620	605.494	400	80.00- 120.00	100.00(M)

Data File: vf475396.d
Report Date: 22-Jun-2012 00:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.031	8.041	-0.010	16703722	595.999	400	92.28- 138.42	114.12
8.852	8.862	-0.010	23404110	596.764	400	135.28- 202.92	159.89
9.103	9.114	-0.011	11309332	595.306	400	63.46- 95.19	77.26
9.247	9.258	-0.011	6287615	599.370	400	36.43- 54.65	42.96
9.759	9.766	-0.007	11227440	638.058	420	61.74- 92.61	76.70
10.564	10.568	-0.004	12889130	629.295	420	74.56- 111.84	88.05
11.055	11.061	-0.006	5009996	689.010	460	27.83- 41.75	34.23
		Average of Peak Concentrations =			410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.498	11.508	-0.010	18346427	61.7431	41	80.00- 120.00	100.00

QC Flag Legend

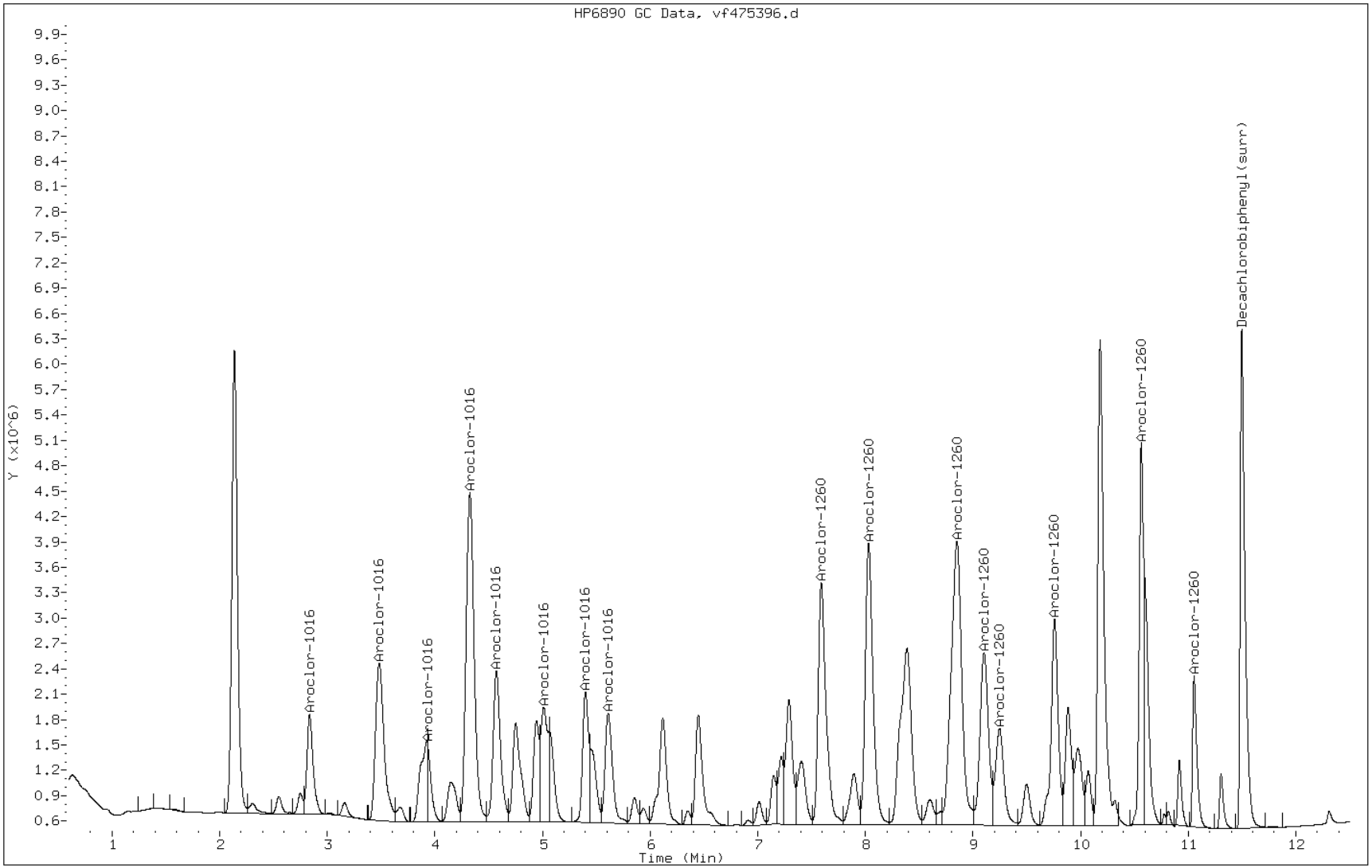
M - Compound response manually integrated.

Data File: vf475396.d

Date: 21-JUN-2012 20:02

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-A MS Operator: 615



Manual Integration Report

Data File: vf475396.d
Inj. Date and Time: 21-JUN-2012 20:02
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.84

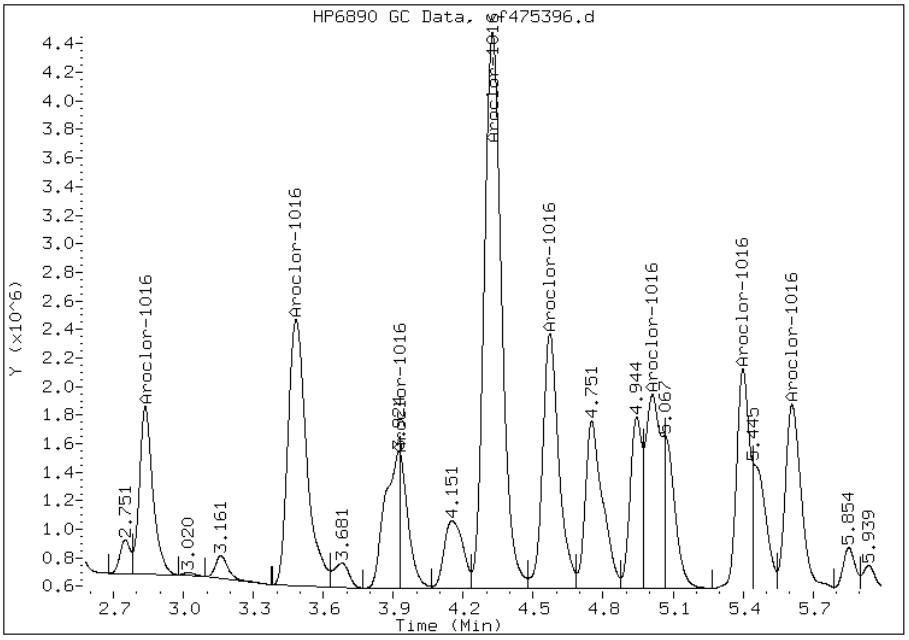
Manual Integration Results

RT: 2.84

Response: 4728543

Amount: 550.25

Conc: 370.00



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: vf475396.d
Inj. Date and Time: 21-JUN-2012 20:02
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 7.60

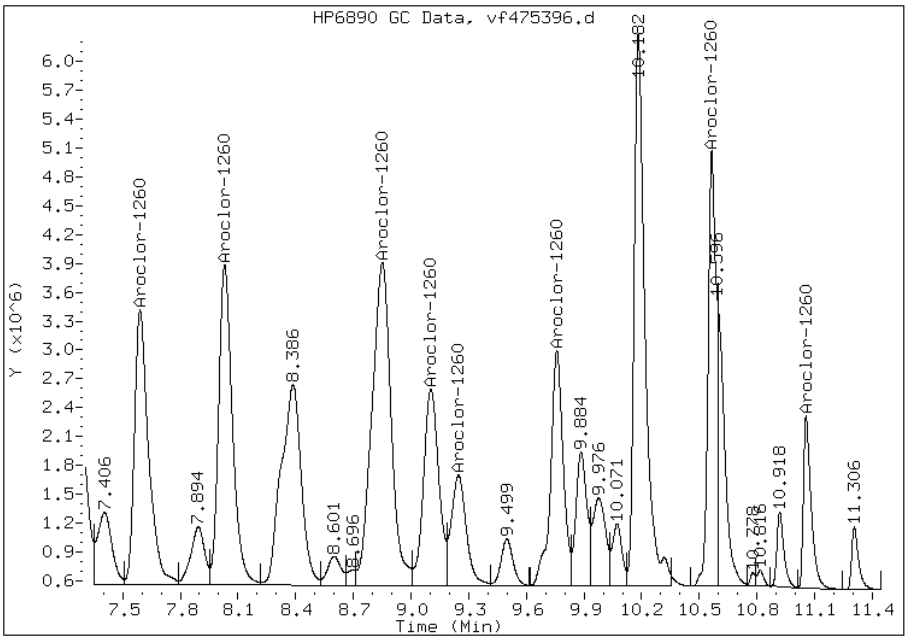
Manual Integration Results

RT: 7.59

Response: 14637620

Amount: 618.66

Conc: 410.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MS | Lab Sample ID: 460-41492-21 MS

Matrix: Solid | Lab File ID: vr475396.d

Analysis Method: 8082 | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.00(g) | Date Analyzed: 06/21/2012 20:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	460		77	15
11104-28-2	Aroclor 1221	23	U	77	23
11141-16-5	Aroclor 1232	44	U	77	44
53469-21-9	Aroclor 1242	15	U	77	15
12672-29-6	Aroclor 1248	20	U	77	20
11097-69-1	Aroclor 1254	26	U	77	26
11096-82-5	Aroclor 1260	481		77	8.6
37324-23-5	Aroclor 1262	13	U	77	13
11100-14-4	Aroclor 1268	13	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475396.d
Lab Smp Id: 460-41492-D-21-A MS
Inj Date : 21-JUN-2012 20:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.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		
2.132	2.138	-0.006	4727423	554.710	370	80.00- 120.00	100.00(M)
2.584	2.587	-0.003	8718190	572.148	380	140.26- 210.39	184.42
2.835	2.841	-0.006	5585355	563.363	380	101.39- 152.09	118.15
3.193	3.199	-0.006	20467305	602.673	400	314.38- 471.57	432.95
3.406	3.413	-0.007	7105762	578.394	380	120.15- 180.23	150.31
3.771	3.778	-0.007	10544879	829.305	550	120.80- 181.20	223.06
4.130	4.135	-0.005	6892147	546.169	360	121.42- 182.13	145.79
4.276	4.282	-0.006	2882811	552.062	370	52.39- 78.59	60.98
Average of Peak Concentrations =					400		
27 Aroclor-1260					CAS #: 11096-82-5		
6.159	6.164	-0.005	12461463	621.657	410	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)							
6.609	6.615	-0.006	24075875	631.018	420	154.28- 231.42	193.20
7.056	7.062	-0.006	21394504	633.346	420	143.44- 215.15	171.69
7.261	7.268	-0.007	11326201	625.730	420	75.55- 113.32	90.89
7.709	7.716	-0.007	9989491	616.279	410	68.31- 102.47	80.16
9.025	9.036	-0.011	12461244	632.093	420	87.99- 131.99	100.00
9.252	9.264	-0.012	7406716	642.562	430	52.32- 78.48	59.44
10.221	10.225	-0.004	5851241	620.208	410	43.57- 65.35	46.95
		Average of Peak Concentrations =			420		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.676	10.680	-0.004	18647267	58.2399	39	80.00- 120.00	100.00

QC Flag Legend

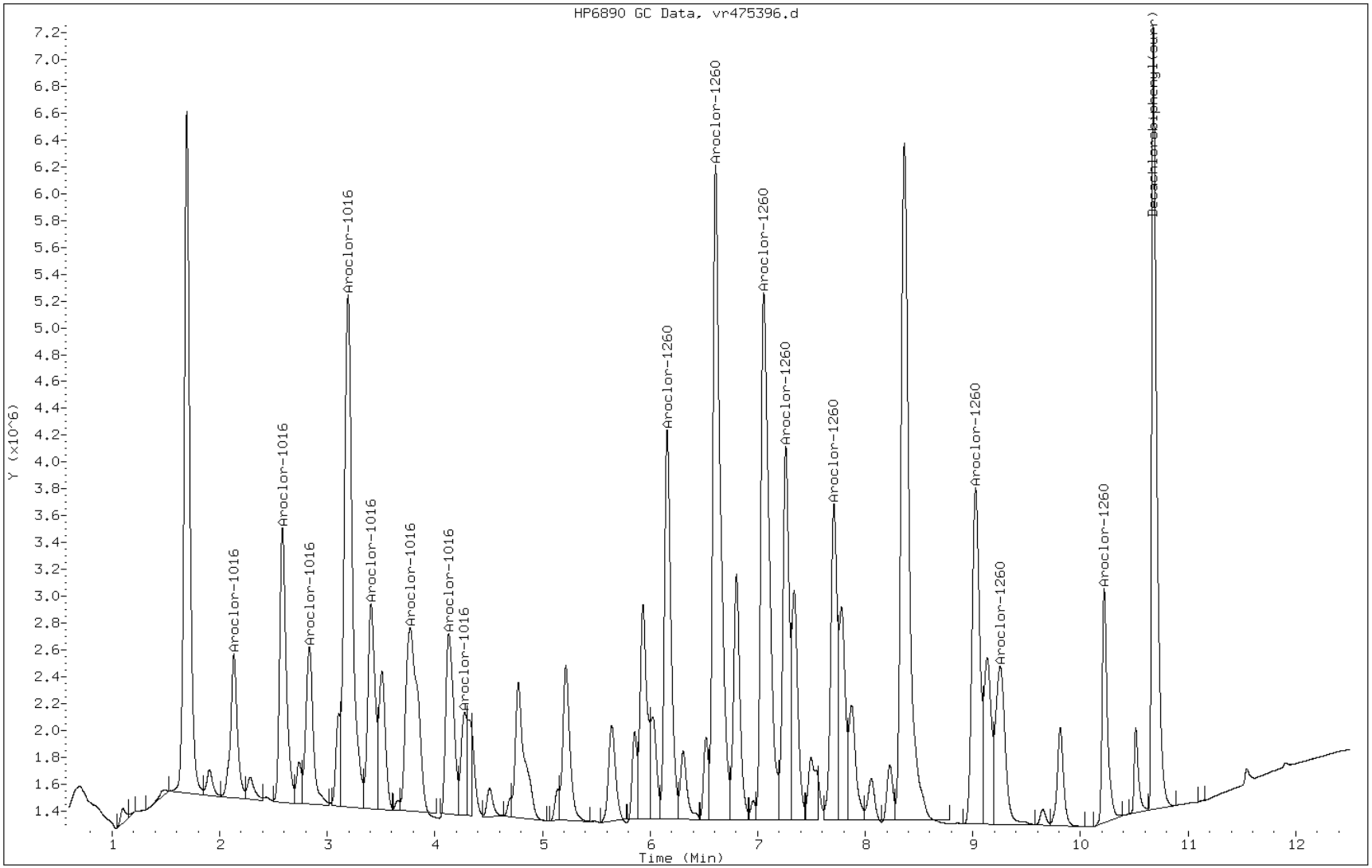
M - Compound response manually integrated.

Data File: vr475396.d

Date: 21-JUN-2012 20:02

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-A MS Operator: 615



Manual Integration Report

Data File: vr475396.d
Inj. Date and Time: 21-JUN-2012 20:02
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.14

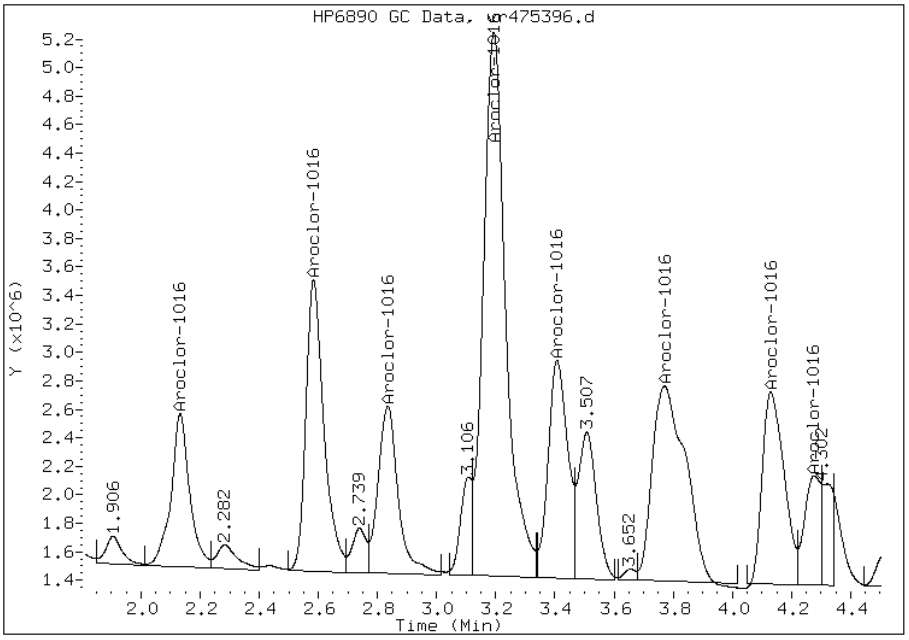
Manual Integration Results

RT: 2.13

Response: 4727423

Amount: 599.85

Conc: 400.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD Lab Sample ID: 460-41492-8 MSD

Matrix: Solid Lab File ID: qf086511.d

Analysis Method: 8082 Date Collected: 06/19/2012 09:35

Extraction Method: 3541 Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) Date Analyzed: 06/21/2012 21:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	440		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	407		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	76		30-150

Data File: qf086511.d
Report Date: 24-Jun-2012 15:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/qf086511.d
Lab Smp Id: 460-41492-D-8-E MSD Client Smp ID: SF-8
Inj Date : 21-JUN-2012 21:07
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-E MSD
Misc Info : 460-41492-D-8-E MSD
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Jun12/06-20-12/20june12a.b/08Qf8082.m
Meth Date : 08-Jun-2012 15:56 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qf086418.d
Als bottle: 7 QC Sample: MSD
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	14.36364	% 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		
2.821	2.847	-0.026	3736731	610.276	470	80.00- 120.00	100.00(M)
3.473	3.502	-0.029	7052054	544.521	420	174.18- 261.27	188.72
3.917	3.946	-0.029	2944727	537.805	420	71.62- 107.44	78.80
4.318	4.346	-0.028	14864572	561.869	440	342.23- 513.34	397.80
4.566	4.592	-0.026	6218997	524.620	410	148.40- 222.59	166.43
5.006	5.030	-0.024	4247768	601.266	470	92.36- 138.55	113.68
5.395	5.419	-0.024	4962080	621.655	480	101.28- 151.92	132.79
5.605	5.629	-0.024	4025845	526.508	410	103.99- 155.99	107.74
Average of Peak Concentrations =					440		
27 Aroclor-1260					CAS #: 11096-82-5		
7.595	7.619	-0.024	9633704	536.043	420	80.00- 120.00	100.00(M)

Data File: qf086511.d
Report Date: 24-Jun-2012 15:23

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.041	8.064	-0.023	11694509	496.738	390	107.63- 161.45	121.39
8.876	8.904	-0.028	15426619	530.707	410	137.55- 206.32	160.13
9.132	9.162	-0.030	8603881	531.019	410	77.70- 116.54	89.31
9.277	9.302	-0.025	4355581	541.635	420	40.54- 60.81	45.21
9.770	9.791	-0.021	6827247	522.555	410	61.23- 91.85	70.87
10.554	10.564	-0.010	9165578	552.423	430	75.66- 113.48	95.14
11.048	11.053	-0.005	2881714	469.742	360	28.48- 42.73	29.91
		Average of Peak Concentrations =			410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.508	11.508	0.000	8948085	37.7661	29	80.00- 120.00	100.00

QC Flag Legend

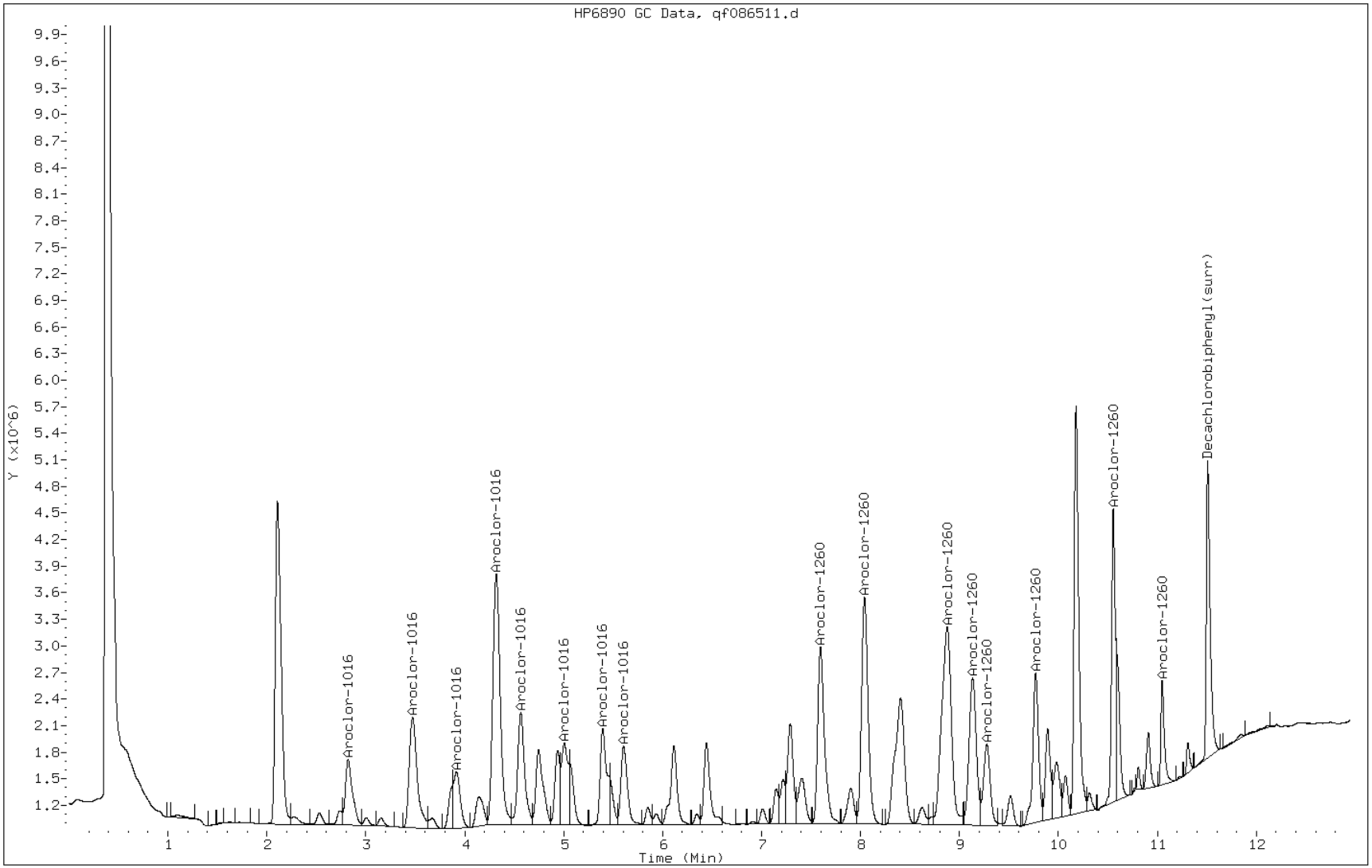
M - Compound response manually integrated.

Data File: qf086511.d

Date: 21-JUN-2012 21:07

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-E MSD Operator: 615



Manual Integration Report

Data File: qf086511.d
Inj. Date and Time: 21-JUN-2012 21:07
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 2.85

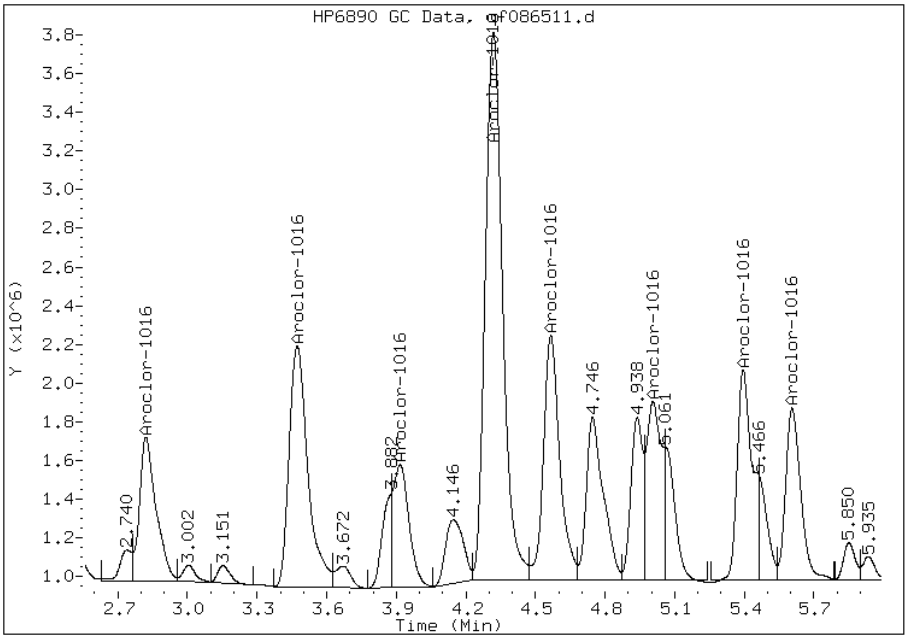
Manual Integration Results

RT: 2.82

Response: 3736731

Amount: 566.06

Conc: 440.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: qf086511.d
Inj. Date and Time: 21-JUN-2012 21:07
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/24/2012

Processing Integration Results

Not Detected

Expected RT: 7.62

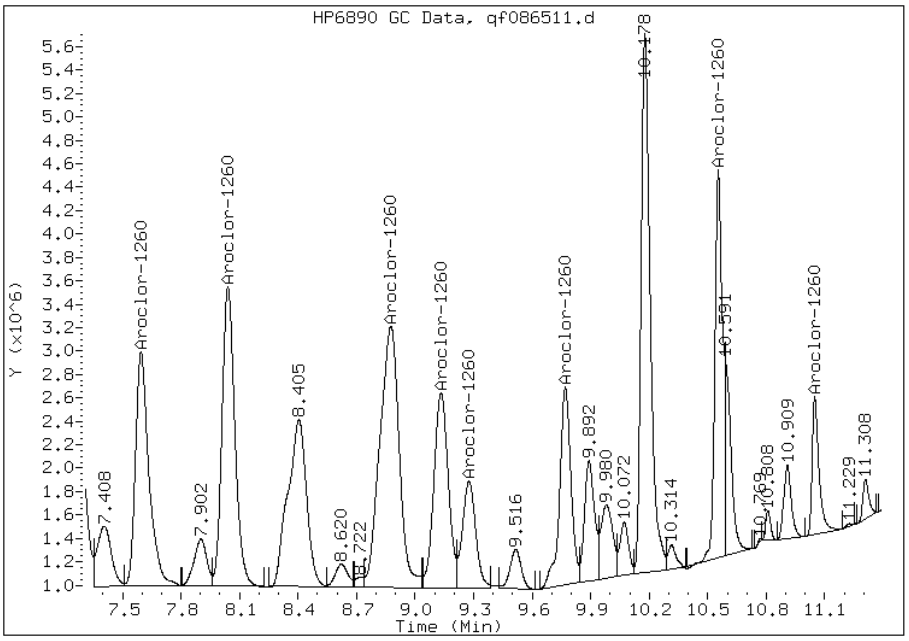
Manual Integration Results

RT: 7.59

Response: 9633704

Amount: 522.61

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: SF-8 MSD | Lab Sample ID: 460-41492-8 MSD

Matrix: Solid | Lab File ID: qr086511.d

Analysis Method: 8082 | Date Collected: 06/19/2012 09:35

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:37

Sample wt/vol: 15.01(g) | Date Analyzed: 06/21/2012 21:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117281 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*420*		*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*	*364*		*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/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/qr086511.d
Lab Smp Id: 460-41492-D-8-E MSD Client Smp ID: SF-8
Inj Date : 21-JUN-2012 21:07
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-41492-D-8-E MSD
Misc Info : 460-41492-D-8-E MSD
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b/08Qr8082.m
Meth Date : 07-Jun-2012 14:28 selbyc Quant Type: ESTD
Cal Date : 07-JUN-2012 05:05 Cal File: qr086418.d
Als bottle: 7 QC Sample: MSD
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	14.36364	% 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	2.069	-0.034	5379873	588.729	460	80.00- 120.00	100.00(M)
2.490	2.518	-0.028	8759885	542.991	420	138.84- 208.26	162.83
2.744	2.770	-0.026	5435460	510.710	400	93.85- 140.78	101.03
3.101	3.124	-0.023	19666792	540.144	420	316.73- 475.10	365.56
3.302	3.326	-0.024	7142673	512.595	400	124.02- 186.03	132.77
3.658	3.684	-0.026	8030925	556.157	430	131.65- 197.48	149.28
4.024	4.044	-0.020	6990244	495.896	380	129.06- 193.59	129.93
4.172	4.175	-0.003	3496506	569.681	440	57.57- 86.36	64.99
Average of Peak Concentrations =					420		
27 Aroclor-1260					CAS #: 11096-82-5		
6.066	6.079	-0.013	11175499	498.882	390	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)							
6.520	6.533	-0.013	21036280	490.101	380	156.71- 235.07	188.24
6.963	6.975	-0.012	18716628	485.191	380	144.29- 216.43	167.48
7.164	7.176	-0.012	9880490	477.624	370	78.18- 117.27	88.41
7.601	7.613	-0.012	9334747	489.693	380	71.19- 106.78	83.53
8.888	8.904	-0.016	9797425	435.738	340	91.06- 136.58	87.67
9.111	9.126	-0.015	5224171	414.125	320	51.92- 77.88	46.75
10.169	10.177	-0.008	4418332	449.793	350	42.78- 64.17	39.54
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.649	10.651	-0.002	12228960	35.9051	28	80.00- 120.00	100.00

QC Flag Legend

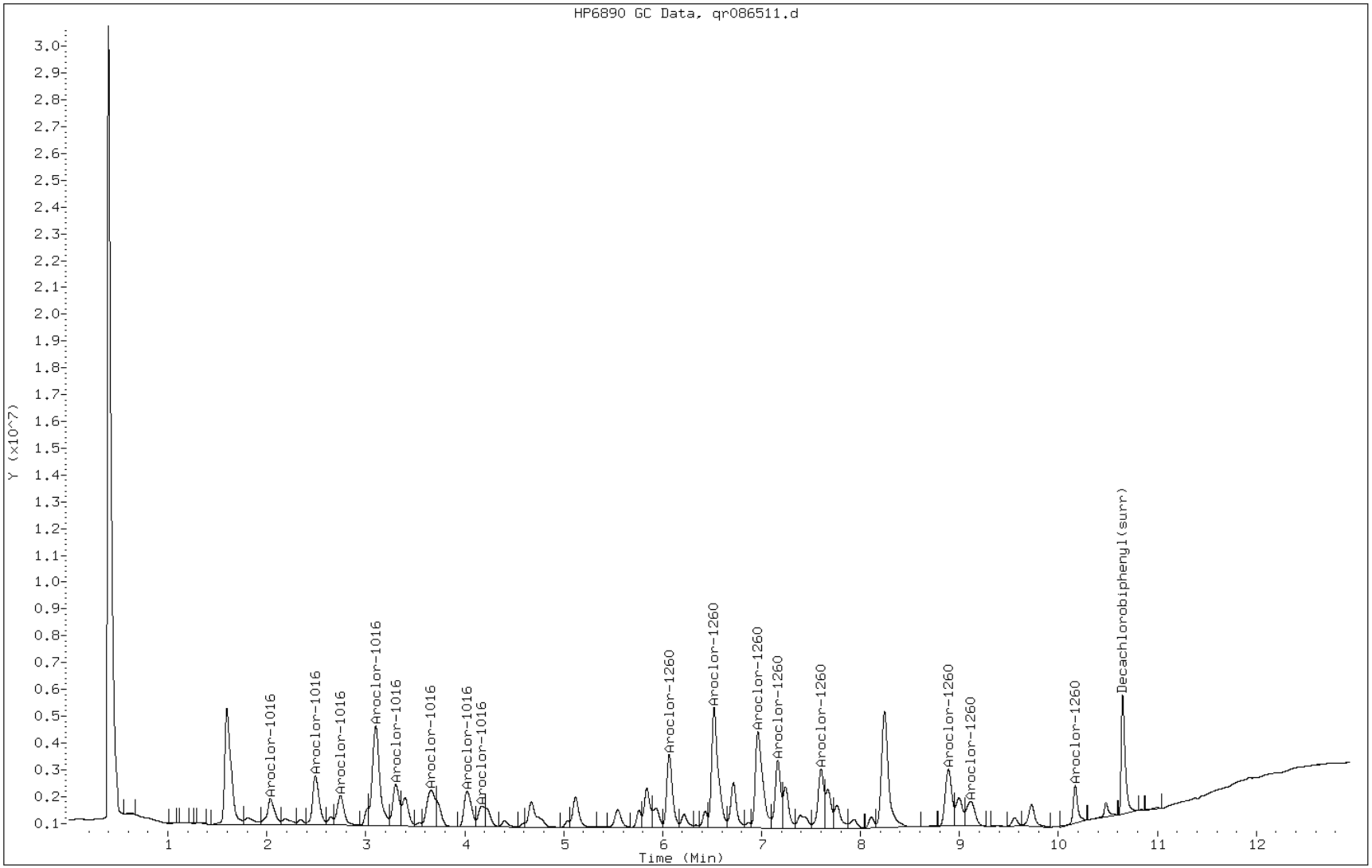
M - Compound response manually integrated.

Data File: qr086511.d

Date: 21-JUN-2012 21:07

Client ID: SF-8 Instrument: PESTGC8.i

Sample Info: 460-41492-D-8-E MSD Operator: 615



Manual Integration Report

Data File: qr086511.d
Inj. Date and Time: 21-JUN-2012 21:07
Instrument ID: PESTGC8.i
Client ID: SF-8
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/24/2012

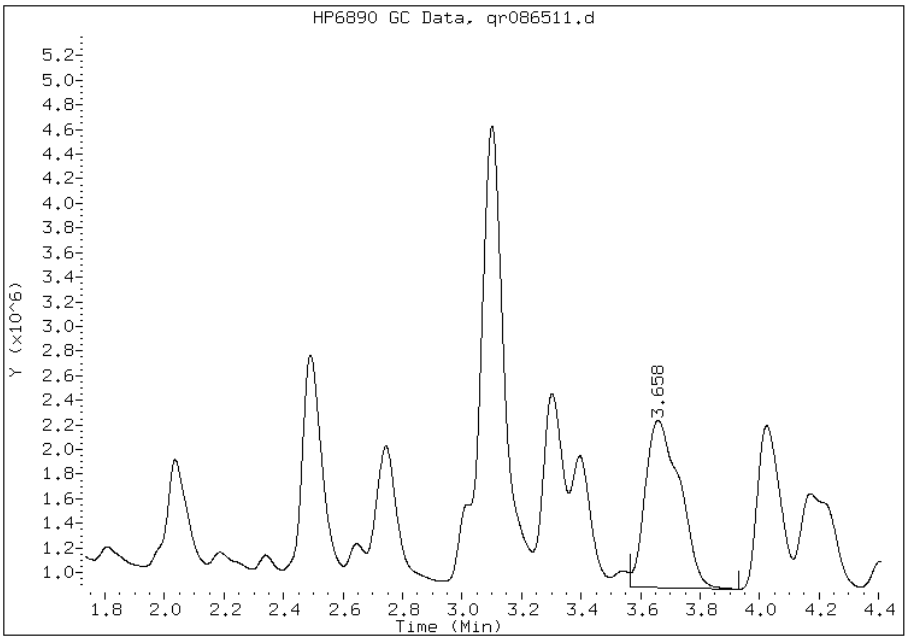
Processing Integration Results

RT: 3.66

Response: 10977017

Amount: 565.12

Conc: 440.00



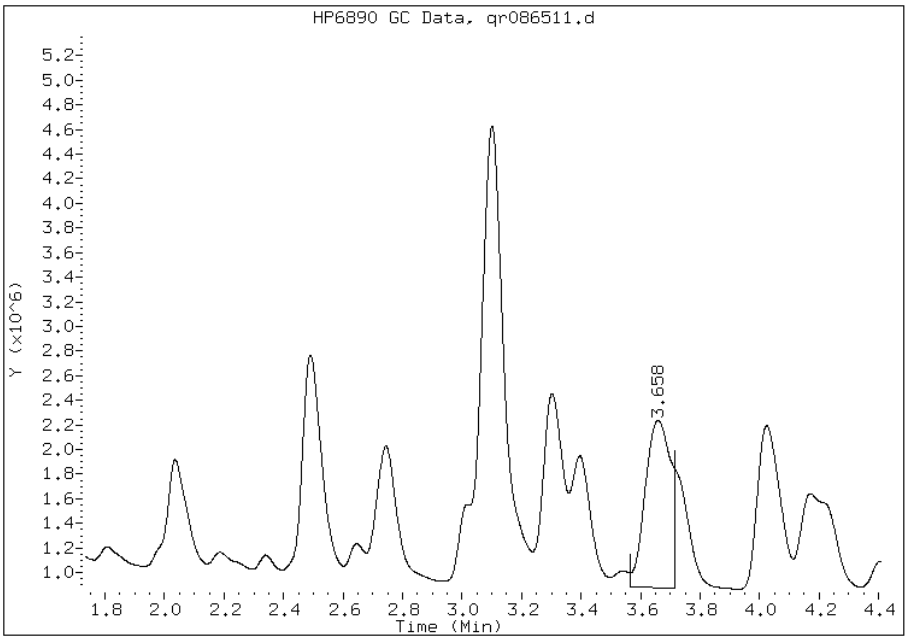
Manual Integration Results

RT: 3.66

Response: 8030925

Amount: 539.61

Conc: 420.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: vf475397.d

Analysis Method: 8082 | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.03(g) | Date Analyzed: 06/21/2012 20:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*406*		77	*15*
11104-28-2	*Aroclor 1221*	*23*	*U*	77	*23*
11141-16-5	*Aroclor 1232*	*44*	*U*	77	*44*
53469-21-9	*Aroclor 1242*	*15*	*U*	77	*15*
12672-29-6	*Aroclor 1248*	*20*	*U*	77	*20*
11097-69-1	*Aroclor 1254*	*26*	*U*	77	*26*
11096-82-5	Aroclor 1260	415		77	8.6
37324-23-5	*Aroclor 1262*	*13*	*U*	77	*13*
11100-14-4	*Aroclor 1268*	*13*	*U*	77	*13*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

Data File: vf475397.d
Report Date: 22-Jun-2012 00:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/vf475397.d
Lab Smp Id: 460-41492-D-21-B MS
Inj Date : 21-JUN-2012 20:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-B MSD
Misc Info : 460-41492-D-21-B MSD
Comment :
Method : /chem1/PESTGC9.i/8082/front/June12/06-21-12/21jun12a.b/08Vf8082.m
Meth Date : 18-Jun-2012 12:06 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vf475170.d
Als bottle: 8
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	12.90909	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.838	2.841	-0.003	4501062	519.369	400	80.00- 120.00	100.00(M)
3.484	3.489	-0.005	9809477	528.710	400	167.10- 250.66	217.94
3.926	3.931	-0.005	4171864	542.898	410	71.61- 107.41	92.69
4.327	4.333	-0.006	18961893	554.643	420	310.95- 466.42	421.28
4.572	4.578	-0.006	8142238	546.286	420	135.86- 203.78	180.90
5.012	5.018	-0.006	4816316	487.978	370	83.21- 124.82	107.00
5.400	5.407	-0.007	5895907	547.982	420	98.64- 147.96	130.99
5.611	5.617	-0.006	5533858	516.004	390	109.30- 163.95	122.95
Average of Peak Concentrations =					400		
27 Aroclor-1260					CAS #: 11096-82-5		
7.592	7.599	-0.007	12664405	523.871	400	80.00- 120.00	100.00(M)

Data File: vf475397.d
Report Date: 22-Jun-2012 00:42

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.031	8.041	-0.010	14254040	508.593	390	92.28- 138.42	112.55
8.851	8.862	-0.011	19838055	505.836	390	135.28- 202.92	156.64
9.103	9.114	-0.011	9498830	500.004	380	63.46- 95.19	75.00
9.247	9.258	-0.011	5084908	484.722	370	36.43- 54.65	40.15
9.758	9.766	-0.008	9613767	546.353	420	61.74- 92.61	75.91
10.563	10.568	-0.005	10344814	505.072	380	74.56- 111.84	81.68
11.055	11.061	-0.006	5583412	767.871	590	27.83- 41.75	44.09
		Average of Peak Concentrations =			410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.498	11.508	-0.010	16972452	57.1191	44	80.00- 120.00	100.00

QC Flag Legend

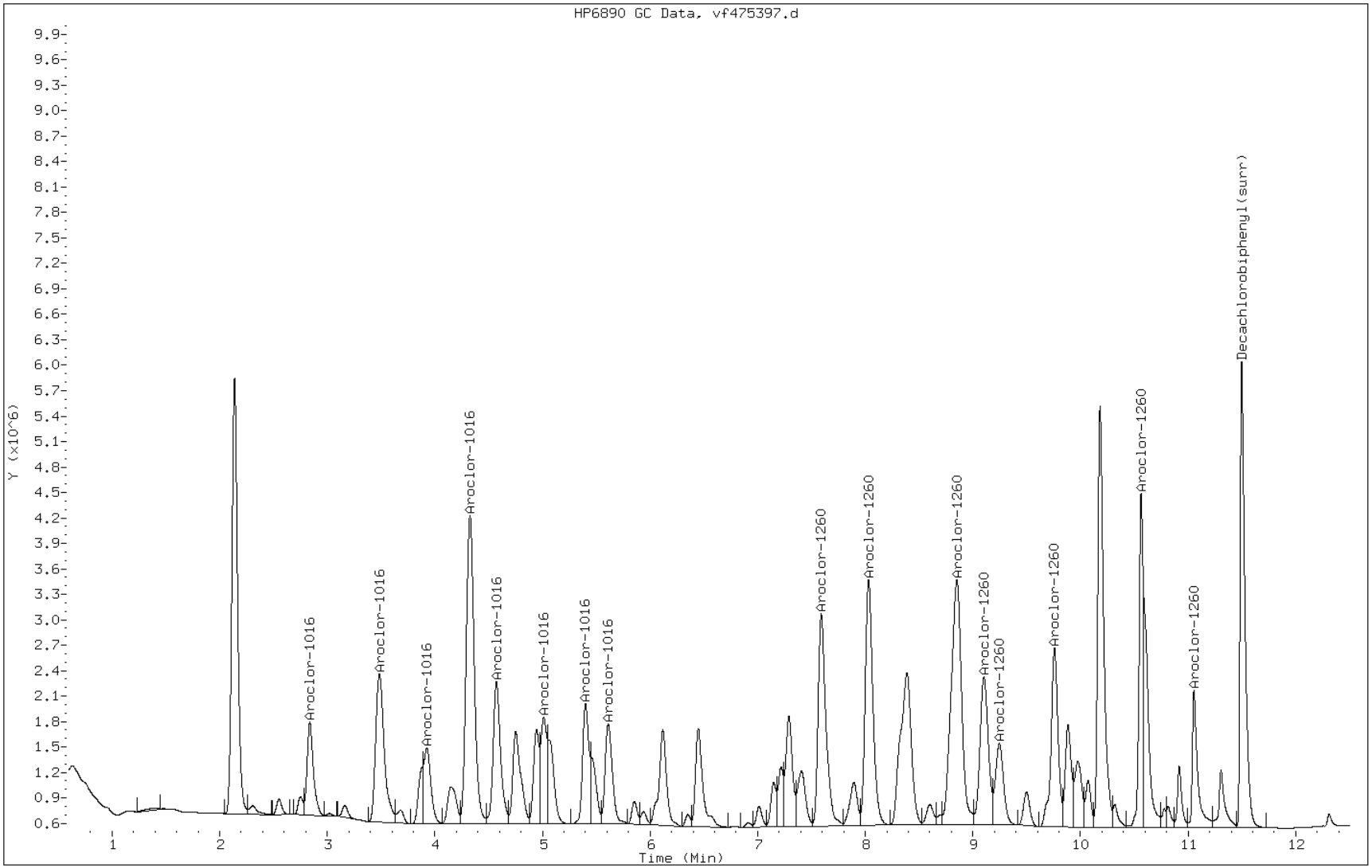
M - Compound response manually integrated.

Data File: vf475397.d

Date: 21-JUN-2012 20:18

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-B MSD Operator: 615



Manual Integration Report

Data File: vf475397.d
Inj. Date and Time: 21-JUN-2012 20:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.84

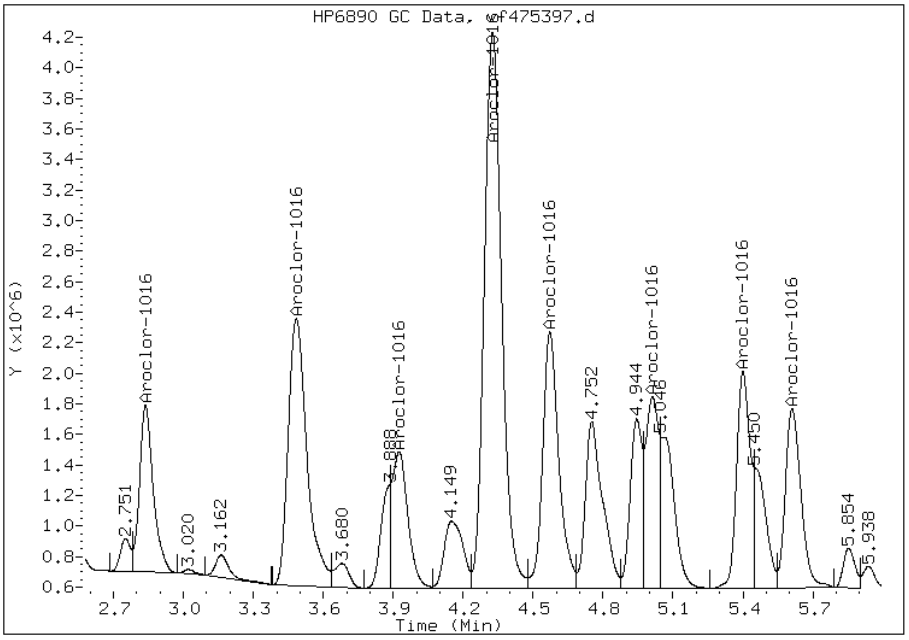
Manual Integration Results

RT: 2.84

Response: 4501062

Amount: 530.48

Conc: 400.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf475397.d
Inj. Date and Time: 21-JUN-2012 20:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 7.60

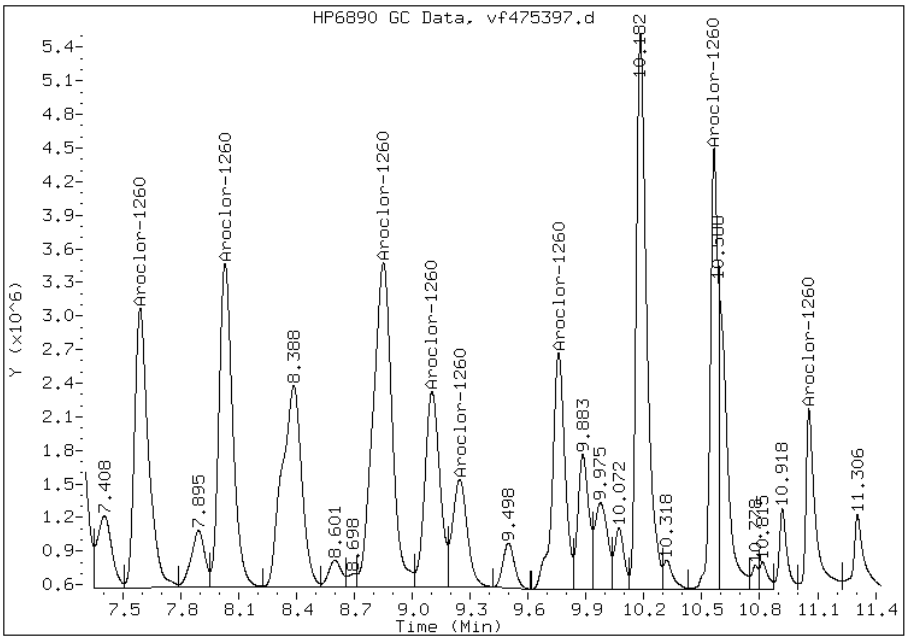
Manual Integration Results

RT: 7.59

Response: 12664405

Amount: 542.79

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

Client Sample ID: F-6 MSD | Lab Sample ID: 460-41492-21 MSD

Matrix: Solid | Lab File ID: vr475397.d

Analysis Method: 8082 | Date Collected: 06/19/2012 14:25

Extraction Method: 3541 | Date Extracted: 06/21/2012 05:51

Sample wt/vol: 15.03(g) | Date Analyzed: 06/21/2012 20:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 117069 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	408		77	15
11104-28-2	Aroclor 1221	23	U	77	23
11141-16-5	Aroclor 1232	44	U	77	44
53469-21-9	Aroclor 1242	15	U	77	15
12672-29-6	Aroclor 1248	20	U	77	20
11097-69-1	Aroclor 1254	26	U	77	26
11096-82-5	*Aroclor 1260*	*415*		77	*8.6*
37324-23-5	Aroclor 1262	13	U	77	13
11100-14-4	Aroclor 1268	13	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/vr475397.d
Lab Smp Id: 460-41492-D-21-B MS
Inj Date : 21-JUN-2012 20:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-41492-D-21-B MSD
Misc Info : 460-41492-D-21-B MSD
Comment :
Method : /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b/08Vr8082.m
Meth Date : 20-Jun-2012 09:16 selbyc Quant Type: ESTD
Cal Date : 17-JUN-2012 16:26 Cal File: vr475170.d
Als bottle: 8
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	12.90909	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.133	2.138	-0.005	4334047	508.552	390	80.00- 120.00	100.00(M)
2.585	2.587	-0.002	8434736	553.546	420	140.26- 210.39	194.62
2.836	2.841	-0.005	5386193	543.274	410	101.39- 152.09	124.28
3.196	3.199	-0.003	19071715	561.579	430	314.38- 471.57	440.04
3.409	3.413	-0.004	6601430	537.342	410	120.15- 180.23	152.32
3.772	3.778	-0.006	6479595	509.590	390	120.80- 181.20	149.50
4.131	4.135	-0.004	6225763	493.362	380	121.42- 182.13	143.65
4.275	4.282	-0.007	2930290	561.155	430	52.39- 78.59	67.61
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
6.158	6.164	-0.006	11126009	555.036	420	80.00- 120.00	100.00(H)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.608	6.615	-0.007	21197575	555.579	420	154.28- 231.42	190.52
7.057	7.062	-0.005	18820421	557.145	420	143.44- 215.15	169.16
7.262	7.268	-0.006	9839571	543.599	420	75.55- 113.32	88.44
7.708	7.716	-0.008	8756739	540.227	410	68.31- 102.47	78.71
9.025	9.036	-0.011	10566053	535.960	410	87.99- 131.99	94.97
9.253	9.264	-0.011	6023422	522.556	400	52.32- 78.48	54.14
10.220	10.225	-0.005	4979323	527.788	400	43.57- 65.35	44.75
		Average of Peak Concentrations =			410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.676	10.680	-0.004	17230408	53.8147	41	80.00- 120.00	100.00

QC Flag Legend

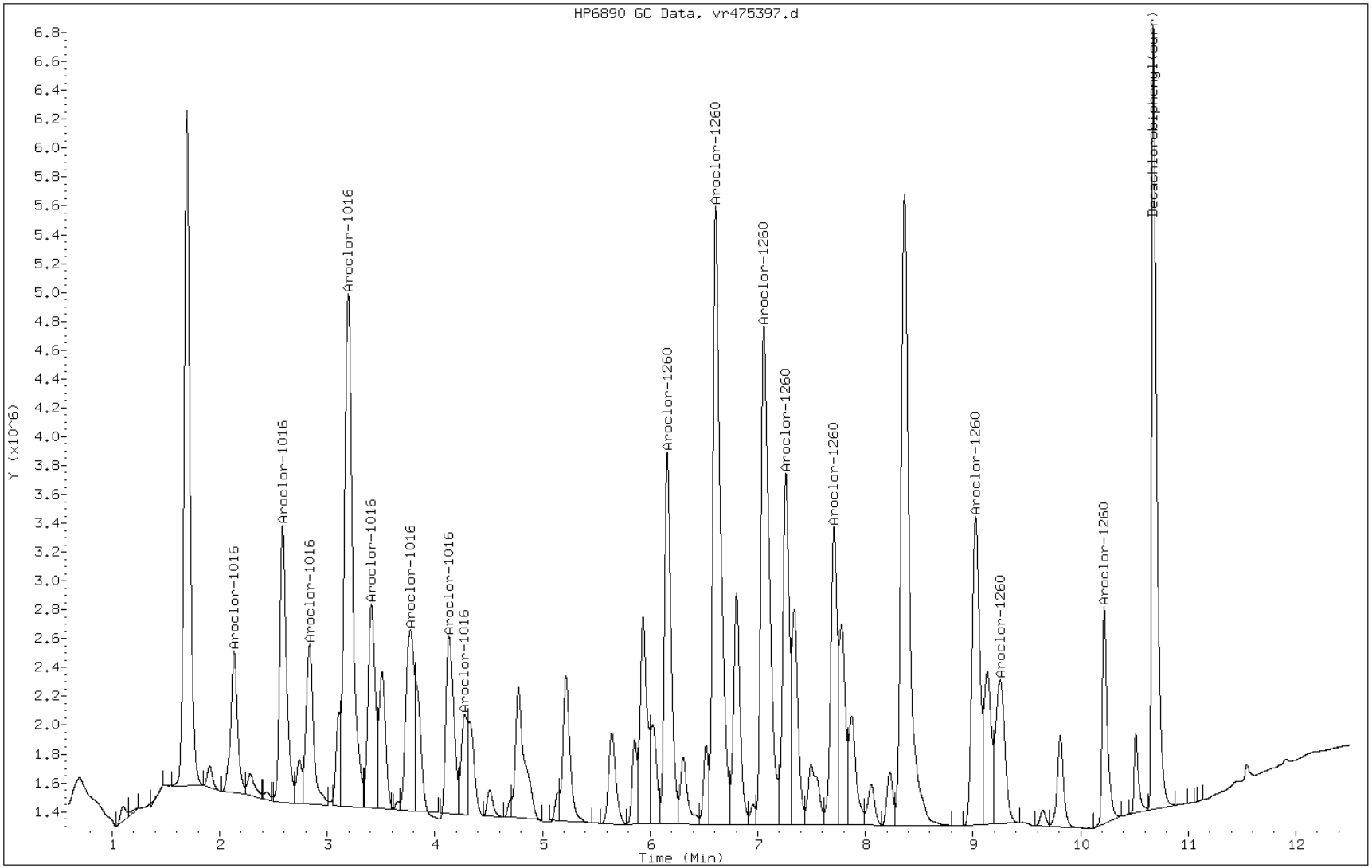
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr475397.d

Date: 21-JUN-2012 20:18

Client ID: Instrument: PESTGC9.i

Sample Info: 460-41492-D-21-B MSD Operator: 615



Manual Integration Report

Data File: vr475397.d
Inj. Date and Time: 21-JUN-2012 20:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/22/2012

Processing Integration Results

Not Detected

Expected RT: 2.14

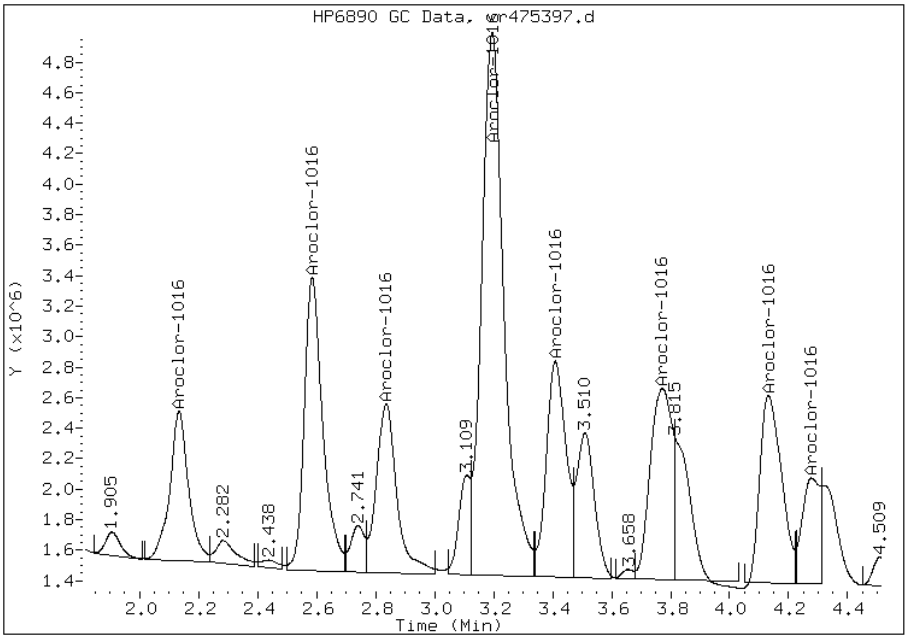
Manual Integration Results

RT: 2.13

Response: 4334047

Amount: 533.55

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason:

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 06/07/2012 01:11

Analysis Batch Number: 115275 End Date: 06/07/2012 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-115275/1		06/07/2012 01:11	1		CLP-2 0.53(mm)
RINSE 460-115275/1		06/07/2012 01:11	1		CLP-1 0.53(mm)
ZZZZZ		06/07/2012 01:28	1		CLP-2 0.53(mm)
ZZZZZ		06/07/2012 01:28	1		CLP-1 0.53(mm)
ZZZZZ		06/07/2012 01:45	1		CLP-2 0.53(mm)
ZZZZZ		06/07/2012 01:45	1		CLP-1 0.53(mm)
IC 460-115275/4		06/07/2012 02:01	1	qf086407.d	CLP-2 0.53(mm)
IC 460-115275/4		06/07/2012 02:01	1	qr086407.d	CLP-1 0.53(mm)
IC 460-115275/5		06/07/2012 02:18	1	qf086408.d	CLP-2 0.53(mm)
IC 460-115275/5		06/07/2012 02:18	1	qr086408.d	CLP-1 0.53(mm)
IC 460-115275/6		06/07/2012 02:37	1	qf086409.d	CLP-2 0.53(mm)
IC 460-115275/6		06/07/2012 02:37	1	qr086409.d	CLP-1 0.53(mm)
IC 460-115275/7		06/07/2012 02:54	1	qf086410.d	CLP-2 0.53(mm)
IC 460-115275/7		06/07/2012 02:54	1	qr086410.d	CLP-1 0.53(mm)
IC 460-115275/8		06/07/2012 03:10	1	qf086411.d	CLP-2 0.53(mm)
IC 460-115275/8		06/07/2012 03:10	1	qr086411.d	CLP-1 0.53(mm)
IC 460-115275/9		06/07/2012 03:25	1	qf086412.d	CLP-2 0.53(mm)
IC 460-115275/9		06/07/2012 03:25	1	qr086412.d	CLP-1 0.53(mm)
IC 460-115275/10		06/07/2012 03:45	1	qf086413.d	CLP-2 0.53(mm)
IC 460-115275/10		06/07/2012 03:45	1	qr086413.d	CLP-1 0.53(mm)
IC 460-115275/11		06/07/2012 04:02	1	qf086414.d	CLP-2 0.53(mm)
IC 460-115275/11		06/07/2012 04:02	1	qr086414.d	CLP-1 0.53(mm)
IC 460-115275/12		06/07/2012 04:18	1	qf086415.d	CLP-2 0.53(mm)
IC 460-115275/12		06/07/2012 04:18	1	qr086415.d	CLP-1 0.53(mm)
IC 460-115275/13		06/07/2012 04:33	1	qf086416.d	CLP-2 0.53(mm)
IC 460-115275/13		06/07/2012 04:33	1	qr086416.d	CLP-1 0.53(mm)
IC 460-115275/14		06/07/2012 04:50	1	qf086417.d	CLP-2 0.53(mm)
IC 460-115275/14		06/07/2012 04:50	1	qr086417.d	CLP-1 0.53(mm)
IC 460-115275/15		06/07/2012 05:05	1	qf086418.d	CLP-2 0.53(mm)
IC 460-115275/15		06/07/2012 05:05	1	qr086418.d	CLP-1 0.53(mm)
ZZZZZ		06/07/2012 05:25	1		CLP-2 0.53(mm)
ZZZZZ		06/07/2012 05:25	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 06/21/2012 18:47

Analysis Batch Number: 117281 End Date: 06/22/2012 04:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-117281/1		06/21/2012 18:47	1		CLP-2 0.53(mm)
RINSE 460-117281/1		06/21/2012 18:47	1		CLP-1 0.53(mm)
PIBLK 460-117281/2		06/21/2012 19:08	1	qf086506.d	CLP-2 0.53(mm)
PIBLK 460-117281/2		06/21/2012 19:08	1	qr086506.d	CLP-1 0.53(mm)
CCVRT 460-117281/3		06/21/2012 19:30	1	qf086507.d	CLP-2 0.53(mm)
CCVRT 460-117281/3		06/21/2012 19:30	1	qr086507.d	CLP-1 0.53(mm)
MB 460-116907/1-A		06/21/2012 20:09	1	qf086508.d	CLP-2 0.53(mm)
MB 460-116907/1-A		06/21/2012 20:09	1	qr086508.d	CLP-1 0.53(mm)
LCS 460-116907/2-A		06/21/2012 20:30	1	qf086509.d	CLP-2 0.53(mm)
LCS 460-116907/2-A		06/21/2012 20:30	1	qr086509.d	CLP-1 0.53(mm)
460-41492-8 MS	SF-8 MS	06/21/2012 20:45	1	qf086510.d	CLP-2 0.53(mm)
460-41492-8 MS	SF-8 MS	06/21/2012 20:45	1	qr086510.d	CLP-1 0.53(mm)
460-41492-8 MSD	SF-8 MSD	06/21/2012 21:07	1	qf086511.d	CLP-2 0.53(mm)
460-41492-8 MSD	SF-8 MSD	06/21/2012 21:07	1	qr086511.d	CLP-1 0.53(mm)
460-41492-1	SF-1	06/21/2012 21:22	1	qf086512.d	CLP-2 0.53(mm)
460-41492-1	SF-1	06/21/2012 21:22	1	qr086512.d	CLP-1 0.53(mm)
460-41492-2	SF-2	06/21/2012 21:44	1	qf086513.d	CLP-2 0.53(mm)
460-41492-2	SF-2	06/21/2012 21:44	1	qr086513.d	CLP-1 0.53(mm)
460-41492-3	SF-3	06/21/2012 21:59	1	qf086514.d	CLP-2 0.53(mm)
460-41492-3	SF-3	06/21/2012 21:59	1	qr086514.d	CLP-1 0.53(mm)
460-41492-4	SF-4	06/21/2012 22:21	1	qf086515.d	CLP-2 0.53(mm)
460-41492-4	SF-4	06/21/2012 22:21	1	qr086515.d	CLP-1 0.53(mm)
460-41492-5	SF-5	06/21/2012 22:42	1	qf086516.d	CLP-2 0.53(mm)
460-41492-5	SF-5	06/21/2012 22:42	1	qr086516.d	CLP-1 0.53(mm)
460-41492-6	SF-6	06/21/2012 23:03	1	qf086517.d	CLP-2 0.53(mm)
460-41492-6	SF-6	06/21/2012 23:03	1	qr086517.d	CLP-1 0.53(mm)
460-41492-7	SF-7	06/21/2012 23:19	1	qf086518.d	CLP-2 0.53(mm)
460-41492-7	SF-7	06/21/2012 23:19	1	qr086518.d	CLP-1 0.53(mm)
460-41492-8	SF-8	06/21/2012 23:41	1	qf086519.d	CLP-2 0.53(mm)
460-41492-8	SF-8	06/21/2012 23:41	1	qr086519.d	CLP-1 0.53(mm)
460-41492-9	SF-9	06/22/2012 00:02	1	qf086520.d	CLP-2 0.53(mm)
460-41492-9	SF-9	06/22/2012 00:02	1	qr086520.d	CLP-1 0.53(mm)
460-41492-10	SF-10	06/22/2012 00:23	1	qf086521.d	CLP-2 0.53(mm)
460-41492-10	SF-10	06/22/2012 00:23	1	qr086521.d	CLP-1 0.53(mm)
460-41492-11	SF-11	06/22/2012 00:44	1	qf086522.d	CLP-2 0.53(mm)
460-41492-11	SF-11	06/22/2012 00:44	1	qr086522.d	CLP-1 0.53(mm)
460-41492-12	SF-12	06/22/2012 00:59	1	qf086523.d	CLP-2 0.53(mm)
460-41492-12	SF-12	06/22/2012 00:59	1	qr086523.d	CLP-1 0.53(mm)
460-41492-13	SF-13	06/22/2012 01:21	1	qf086524.d	CLP-2 0.53(mm)
460-41492-13	SF-13	06/22/2012 01:21	1	qr086524.d	CLP-1 0.53(mm)
460-41492-14	SF-14	06/22/2012 01:36	1	qf086525.d	CLP-2 0.53(mm)
460-41492-14	SF-14	06/22/2012 01:36	1	qr086525.d	CLP-1 0.53(mm)
460-41492-15	FD-C	06/22/2012 01:58	1	qf086526.d	CLP-2 0.53(mm)
460-41492-15	FD-C	06/22/2012 01:58	1	qr086526.d	CLP-1 0.53(mm)
460-41492-16	F-1	06/22/2012 02:13	1	qf086527.d	CLP-2 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 06/21/2012 18:47

Analysis Batch Number: 117281 End Date: 06/22/2012 04:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-41492-16	F-1	06/22/2012 02:13	1	qr086527.d	CLP-1 0.53(mm)
460-41492-17	F-2	06/22/2012 02:34	1	qf086528.d	CLP-2 0.53(mm)
460-41492-17	F-2	06/22/2012 02:34	1	qr086528.d	CLP-1 0.53(mm)
460-41492-19	F-4	06/22/2012 02:56	1	qf086529.d	CLP-2 0.53(mm)
460-41492-19	F-4	06/22/2012 02:56	1	qr086529.d	CLP-1 0.53(mm)
460-41492-20	F-5	06/22/2012 03:11	1	qf086530.d	CLP-2 0.53(mm)
460-41492-20	F-5	06/22/2012 03:11	1	qr086530.d	CLP-1 0.53(mm)
460-41492-23	FD-D	06/22/2012 03:32	1	qf086531.d	CLP-2 0.53(mm)
460-41492-23	FD-D	06/22/2012 03:32	1	qr086531.d	CLP-1 0.53(mm)
ZZZZZ		06/22/2012 03:53	1		CLP-2 0.53(mm)
ZZZZZ		06/22/2012 03:53	1		CLP-1 0.53(mm)
CCV 460-117281/29		06/22/2012 04:22	1	qf086533.d	CLP-2 0.53(mm)
CCV 460-117281/29		06/22/2012 04:22	1	qr086533.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 06/17/2012 12:42

Analysis Batch Number: 116500 End Date: 06/17/2012 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-116500/1		06/17/2012 12:42	1		CLP-2 0.53(mm)
RINSE 460-116500/1		06/17/2012 12:42	1		CLP-1 0.53(mm)
ZZZZZ		06/17/2012 12:58	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2012 12:58	1		CLP-1 0.53(mm)
ZZZZZ		06/17/2012 13:14	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2012 13:14	1		CLP-1 0.53(mm)
IC 460-116500/4		06/17/2012 13:30	1	vf475159.d	CLP-2 0.53(mm)
IC 460-116500/4		06/17/2012 13:30	1	vr475159.d	CLP-1 0.53(mm)
IC 460-116500/5		06/17/2012 13:46	1	vf475160.d	CLP-2 0.53(mm)
IC 460-116500/5		06/17/2012 13:46	1	vr475160.d	CLP-1 0.53(mm)
IC 460-116500/6		06/17/2012 14:02	1	vf475161.d	CLP-2 0.53(mm)
IC 460-116500/6		06/17/2012 14:02	1	vr475161.d	CLP-1 0.53(mm)
IC 460-116500/7		06/17/2012 14:18	1	vf475162.d	CLP-2 0.53(mm)
IC 460-116500/7		06/17/2012 14:18	1	vr475162.d	CLP-1 0.53(mm)
IC 460-116500/8		06/17/2012 14:34	1	vf475163.d	CLP-2 0.53(mm)
IC 460-116500/8		06/17/2012 14:34	1	vr475163.d	CLP-1 0.53(mm)
IC 460-116500/9		06/17/2012 14:50	1	vf475164.d	CLP-2 0.53(mm)
IC 460-116500/9		06/17/2012 14:50	1	vr475164.d	CLP-1 0.53(mm)
IC 460-116500/10		06/17/2012 15:06	1	vf475165.d	CLP-2 0.53(mm)
IC 460-116500/10		06/17/2012 15:06	1	vr475165.d	CLP-1 0.53(mm)
IC 460-116500/11		06/17/2012 15:22	1	vf475166.d	CLP-2 0.53(mm)
IC 460-116500/11		06/17/2012 15:22	1	vr475166.d	CLP-1 0.53(mm)
IC 460-116500/12		06/17/2012 15:38	1	vf475167.d	CLP-2 0.53(mm)
IC 460-116500/12		06/17/2012 15:38	1	vr475167.d	CLP-1 0.53(mm)
IC 460-116500/13		06/17/2012 15:54	1	vf475168.d	CLP-2 0.53(mm)
IC 460-116500/13		06/17/2012 15:54	1	vr475168.d	CLP-1 0.53(mm)
IC 460-116500/14		06/17/2012 16:10	1	vf475169.d	CLP-2 0.53(mm)
IC 460-116500/14		06/17/2012 16:10	1	vr475169.d	CLP-1 0.53(mm)
IC 460-116500/15		06/17/2012 16:26	1	vf475170.d	CLP-2 0.53(mm)
IC 460-116500/15		06/17/2012 16:26	1	vr475170.d	CLP-1 0.53(mm)
ZZZZZ		06/17/2012 16:42	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2012 16:42	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 06/21/2012 18:26

Analysis Batch Number: 117069 End Date: 06/21/2012 23:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-117069/1		06/21/2012 18:26	1		CLP-2 0.53(mm)
RINSE 460-117069/1		06/21/2012 18:26	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 18:42	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 18:42	1		CLP-1 0.53(mm)
CCVRT 460-117069/3		06/21/2012 18:58	1	vf475392.d	CLP-2 0.53(mm)
CCVRT 460-117069/3		06/21/2012 18:58	1	vr475392.d	CLP-1 0.53(mm)
MB 460-116909/1-A		06/21/2012 19:14	1	vf475393.d	CLP-2 0.53(mm)
MB 460-116909/1-A		06/21/2012 19:14	1	vr475393.d	CLP-1 0.53(mm)
LCS 460-116909/2-A		06/21/2012 19:30	1	vf475394.d	CLP-2 0.53(mm)
LCS 460-116909/2-A		06/21/2012 19:30	1	vr475394.d	CLP-1 0.53(mm)
460-41492-21	F-6	06/21/2012 19:46	1	vf475395.d	CLP-2 0.53(mm)
460-41492-21	F-6	06/21/2012 19:46	1	vr475395.d	CLP-1 0.53(mm)
460-41492-21 MS	F-6 MS	06/21/2012 20:02	1	vf475396.d	CLP-2 0.53(mm)
460-41492-21 MS	F-6 MS	06/21/2012 20:02	1	vr475396.d	CLP-1 0.53(mm)
460-41492-21 MSD	F-6 MSD	06/21/2012 20:18	1	vf475397.d	CLP-2 0.53(mm)
460-41492-21 MSD	F-6 MSD	06/21/2012 20:18	1	vr475397.d	CLP-1 0.53(mm)
460-41492-22	F-7	06/21/2012 20:34	1	vf475398.d	CLP-2 0.53(mm)
460-41492-22	F-7	06/21/2012 20:34	1	vr475398.d	CLP-1 0.53(mm)
ZZZZZ		06/21/2012 20:50	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 20:50	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 21:06	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 21:06	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 21:22	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 21:22	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 21:38	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 21:38	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 21:54	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 21:54	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 22:10	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 22:10	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 22:26	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 22:26	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 22:42	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 22:42	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 22:58	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 22:58	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 23:14	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 23:14	1		CLP-1 0.53(mm)
ZZZZZ		06/21/2012 23:35	1		CLP-2 0.53(mm)
ZZZZZ		06/21/2012 23:35	1		CLP-1 0.53(mm)
CCV 460-117069/21		06/21/2012 23:51	1	vf475410.d	CLP-2 0.53(mm)
CCV 460-117069/21		06/21/2012 23:51	1	vr475410.d	CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b

Date Generated: 06/07/2012

Tals Batch 115275

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/07/12 0111	qr086404	1	Rinse	07jun12a		15	10	1	SAMPLE		-
06/07/12 0128	qr086405	2	SGPIBLK_00010	07jun12a		15	10	1	SAMPLE		g
06/07/12 0145	qr086406	3	SG1660L1_00012	07jun12a		15	10	1	SAMPLE		g +
06/07/12 0201	qr086407	4	SG1660L1_00012			0	0	1	CALIB_1		g
06/07/12 0218	qr086408	5	SG1660L2_00012			0	0	1	CALIB_2		g
06/07/12 0237	qr086409	6	SG1660L3_00017			0	0	1	CALIB_3		g
06/07/12 0254	qr086410	7	SG1660L4_00012			0	0	1	CALIB_4		g
06/07/12 0310	qr086411	8	SG1660L5_00012			0	0	1	CALIB_5		g
06/07/12 0325	qr086412	9	SG1221L3_00014			0	0	1	CALIB_3		g
06/07/12 0345	qr086413	10	SG1232L3_00013			0	0	1	CALIB_3		g
06/07/12 0402	qr086414	11	SG1242L3_00013			0	0	1	CALIB_3		g
06/07/12 0418	qr086415	12	SG1248L3_00013			0	0	1	CALIB_3		g
06/07/12 0433	qr086416	13	SG1254L3_00013			0	0	1	CALIB_3		g
06/07/12 0450	qr086417	14	SG1262L3_00012			0	0	1	CALIB_3		g

CMS 6/7/12

D 6/7/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Jun12/06-07-12ical/07jun12a.b

Date Generated: 06/07/2012

Tals Batch 115275

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/07/12 0505	qr086418	15	SG1268L3_00013			0	0	1	CALIB_3		g
06/07/12 0525	qr086419	16	SGPCBICV_00009			1000	5	1	BS		g

Signed: Carlista Selby Read and Understood by:

Date: 6/7/12 Date: 6/7/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b

Date Generated: 06/18/2012

Tals Batch 116500

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/17/12 1242	vr475156	76	rinse	17june12a		15	10	1	SAMPLE		g
06/17/12 1258	vr475157	77	SGPIBLK_00012	17june12a		15	10	1	SAMPLE		g
06/17/12 1314	vr475158	78	SG1660L1_00012	17june12a		15	10	1	SAMPLE		not needed
06/17/12 1330	vr475159	79	SG1660L1_00012			0	0	1	CALIB_1		g
06/17/12 1346	vr475160	80	SG1660L2_00012			0	0	1	CALIB_2		g
06/17/12 1402	vr475161	81	SG1660L3_00017			0	0	1	CALIB_3		g
06/17/12 1418	vr475162	82	SG1660L4_00012			0	0	1	CALIB_4		g
06/17/12 1434	vr475163	83	SG1660L5_00012			0	0	1	CALIB_5		g
06/17/12 1450	vr475164	84	SG1221L3_00014			0	0	1	CALIB_3		g
06/17/12 1506	vr475165	85	SG1232L3_00013			0	0	1	CALIB_3		g
06/17/12 1522	vr475166	86	SG1242L3_00013			0	0	1	CALIB_3		g
06/17/12 1538	vr475167	87	SG1248L3_00013			0	0	1	CALIB_3		g
06/17/12 1554	vr475168	88	SG1254L3_00013			0	0	1	CALIB_3		g
06/17/12 1610	vr475169	89	SG1262L3_00012			0	0	1	CALIB_3		g

cal ID #:
Front - 160064
Rear - 160065

07/05/2012

CMS 6/18/12

6/18/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-17-12ical/17june12a.b

Date Generated: 06/18/2012

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/17/12 1626	vr475170	90	SG1268L3_00013			0	0	1	CALIB_3		g
06/17/12 1642	vr475171	91	SGPCBICV_00009			1000	5	1	BS		g

Signed: Calista Selby

Date: 6/18/12

Read and Understood by:

Date: 6/18/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b

Date Generated: 06/22/2012

Tacks Batch: 117069

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/21/12 1826	vr475390	1	rinse	21jun12a		15	10	1	SAMPLE	DA	G
06/21/12 1842	vr475391	2	SGPIBLK_00012	21jun12a		15	10	1	SAMPLE		G
06/21/12 1858	vr475392	3	CCVRT-SG1660L3_0001	21jun12a		15	10	1	SAMPLE		G
06/21/12 1914	vr475393	4	MB 460-116909/1-A	21jun12a		15	10	1	SAMPLE		G
06/21/12 1930	vr475394	5	LCS 460-116909/2-A	21jun12a		15	10	1	SAMPLE		G
06/21/12 1946	vr475395	6	460-41492-D-21-C	21jun12a		15	10	1	SAMPLE		G Ud
06/21/12 2002	vr475396	7	460-41492-D-21-A MS	21jun12a		15	10	1	SAMPLE		G
06/21/12 2018	vr475397	8	460-41492-D-21-B MS D	460-116909	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 2034	vr475398	9	460-41492-D-22-A	460-116909	06/21/12	15.0	10	1	SAMPLE		G Ud
06/21/12 2050	vr475399	10	460-41458-E-3-A	460-116909	06/21/12	15.1	10	1	SAMPLE		G 1254
06/21/12 2106	vr475400	11	460-41458-A-4-C	460-116909	06/21/12	15	10	1	SAMPLE		G Ud
06/21/12 2122	vr475401	12	460-41458-D-5-A	460-116909	06/21/12	15	10	1	SAMPLE		1262:5
06/21/12 2138	vr475402	13	460-41459-F-6-A	460-116909	06/21/12	15	10	1	SAMPLE		G 1254
06/21/12 2154	vr475403	14	460-41459-F-12-D	460-116909	06/21/12	15.1	10	1	SAMPLE		G Ud

6/22/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/June12/06-21-12/21jun12a.b

Date Generated: 06/22/2012

TDLS batch: 170609

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/21/12 2210	vr475404	15	460-41459-G-14-B	460-116909	06/21/12	15.0	10	1	SAMPLE	10A	GND
06/21/12 2226	vr475405	16	460-41459-D-16-B	460-116909	06/21/12	15.1	10	1	SAMPLE		GND
06/21/12 2242	vr475406	17	460-41498-B-3-B	460-116909	06/21/12	15.0	10	1	SAMPLE		GND
06/21/12 2258	vr475407	18	460-41498-B-4-B	460-116909	06/21/12	15	10	1	SAMPLE		GND
06/21/12 2314	vr475408	19	460-41505-D-1-B	460-116909	06/21/12	15.0	10	1	SAMPLE		GND
06/21/12 2335	vr475409	2	SGPIBLK_00012	21jun12a		15	10	1	SAMPLE		G
06/21/12 2351	vr475410	3	CCV-SG1660L3_00017	21jun12a		15	10	1	SAMPLE		G

Signed: _____ Read and Understood by: KB

Date: 6/22/2012 Date: 6/22/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b

Date Generated: 06/24/2012

TAS Batch: 117281

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/21/12 1847	qr086505	1	rinse	20june12a		15	10	1	SAMPLE	10A	G
06/21/12 1908	qr086506	2	piblk-SGPIBLK_00010	20june12a		15	10	1	SAMPLE		G
06/21/12 1930	qr086507	3	ccvrt-SG1660L3_0001	20june12a		15	10	1	SAMPLE		G
06/21/12 2009	qr086508	4	MB 460-116907/1-A	20june12a		15	10	1	SAMPLE		G
06/21/12 2030	qr086509	5	LCS 460-116907/2-A	20june12a		15	10	1	SAMPLE		G
06/21/12 2045	qr086510	6	460-41492-D-8-D MS	460-116907	06/21/12	15.0	10	1	MS		G
06/21/12 2107	qr086511	7	460-41492-D-8-E MSD	460-116907	06/21/12	15.0	10	1	MSD		G
06/21/12 2122	qr086512	8	460-41492-D-1-B	460-116907	06/21/12	15	10	1	SAMPLE		G
06/21/12 2144	qr086513	9	460-41492-D-2-B	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 2159	qr086514	10	460-41492-D-3-B	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 2221	qr086515	11	460-41492-D-4-B	460-116907	06/21/12	15	10	1	SAMPLE		G
06/21/12 2242	qr086516	12	460-41492-D-5-B	460-116907	06/21/12	15	10	1	SAMPLE		G
06/21/12 2303	qr086517	13	460-41492-D-6-B	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/21/12 2319	qr086518	14	460-41492-D-7-B	460-116907	06/21/12	15.0	10	1	SAMPLE		G

07/05/2012

6/24/2012

KB 6/24/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b

Date Generated: 06/24/2012

TCL Batch: 117281

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/21/12 2341	qr086519	15	460-41492-D-8-F	460-116907	06/21/12	15.0	10	1	SAMPLE	10A	G
06/22/12 0002	qr086520	16	460-41492-D-9-B	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0023	qr086521	17	460-41492-D-10-B	460-116907	06/21/12	15.1	10	1	SAMPLE		G
06/22/12 0044	qr086522	18	460-41492-D-11-A	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0059	qr086523	19	460-41492-D-12-A	460-116907	06/21/12	15	10	1	SAMPLE		G
06/22/12 0121	qr086524	20	460-41492-D-13-A	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0136	qr086525	21	460-41492-D-14-A	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0158	qr086526	22	460-41492-D-15-A	460-116907	06/21/12	15.1	10	1	SAMPLE		G
06/22/12 0213	qr086527	23	460-41492-D-16-A	460-116907	06/21/12	15.1	10	1	SAMPLE		G
06/22/12 0234	qr086528	24	460-41492-D-17-A	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0256	qr086529	25	460-41492-D-19-A	460-116907	06/21/12	15.0	10	1	SAMPLE		G
06/22/12 0311	qr086530	26	460-41492-D-20-A	460-116907	06/21/12	15	10	1	SAMPLE		G
06/22/12 0332	qr086531	27	460-41492-D-23-A	460-116907	06/21/12	15	10	1	SAMPLE		G
06/22/12 0353	qr086532	28	SGPIBLK_00012	20june12a		15	10	1	SAMPLE		G

6/20/2012

KB 6/24/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Jun12/06-20-12/20june12a.b

Date Generated: 06/24/2012

TDS Batch: 117281

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
06/22/12 0422	qr086533	29	CCV-SG1660L3_00017	20june12a		15	10	1	SAMPLE	G	G

Signed: _____ Read and Understood by: KB

Date: 6/24/2012 Date: 6/24/2012

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116907 Batch Start Date: 06/21/12 05:37 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 460-116907/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-116907/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-41492-D-8 MS	SF-8	3541, 8082	T	15.04 g	10 mL	75	50 uL	50 uL	
460-41492-D-8 MSD	SF-8	3541, 8082	T	15.01 g	10 mL	76	50 uL	50 uL	
460-41492-D-1	SF-1	3541, 8082	T	15.00 g	10 mL	77		50 uL	
460-41492-D-2	SF-2	3541, 8082	T	15.03 g	10 mL	78		50 uL	
460-41492-D-3	SF-3	3541, 8082	T	15.04 g	10 mL	79		50 uL	
460-41492-D-4	SF-4	3541, 8082	T	15.00 g	10 mL	80		50 uL	
460-41492-D-5	SF-5	3541, 8082	T	15.00 g	10 mL	81		50 uL	
460-41492-D-6	SF-6	3541, 8082	T	15.04 g	10 mL	82		50 uL	
460-41492-D-7	SF-7	3541, 8082	T	15.03 g	10 mL	83		50 uL	
460-41492-D-8	SF-8	3541, 8082	T	15.04 g	10 mL	84		50 uL	
460-41492-D-9	SF-9	3541, 8082	T	15.01 g	10 mL	67		50 uL	
460-41492-D-10	SF-10	3541, 8082	T	15.05 g	10 mL	68		50 uL	
460-41492-D-11	SF-11	3541, 8082	T	15.02 g	10 mL	69		50 uL	
460-41492-D-12	SF-12	3541, 8082	T	15.00 g	10 mL	70		50 uL	
460-41492-D-13	SF-13	3541, 8082	T	15.04 g	10 mL	71		50 uL	
460-41492-D-14	SF-14	3541, 8082	T	15.03 g	10 mL	72		50 uL	
460-41492-D-15	FD-C	3541, 8082	T	15.05 g	10 mL	1		50 uL	
460-41492-D-16	F-1	3541, 8082	T	15.05 g	10 mL	2		50 uL	
460-41492-D-17	F-2	3541, 8082	T	15.01 g	10 mL	3		50 uL	
460-41492-D-19	F-4	3541, 8082	T	15.02 g	10 mL	4		50 uL	
460-41492-D-20	F-5	3541, 8082	T	15.00 g	10 mL	5		50 uL	
460-41492-D-23	FD-D	3541, 8082	T	15.00 g	10 mL	6		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116907 Batch Start Date: 06/21/12 05:37 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	5:37am
TBA Lot #	op249

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116909 Batch Start Date: 06/21/12 05:51 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-116909/1		3541, 8082		15.00 g	10 mL	67		50 uL	
LCS 460-116909/2		3541, 8082		15.00 g	10 mL	68	50 uL	50 uL	
460-41492-D-21 MS	F-6	3541, 8082	T	15.00 g	10 mL	69	50 uL	50 uL	
460-41492-D-21 MSD	F-6	3541, 8082	T	15.03 g	10 mL	70	50 uL	50 uL	
460-41492-D-21	F-6	3541, 8082	T	15.01 g	10 mL	6		50 uL	
460-41492-D-22	F-7	3541, 8082	T	15.05 g	10 mL	115		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	5:51am
TBA Lot #	op249

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-41492-1

SDG No.:

Project: C360112. Mt. Kisco, NY

Client Sample ID	Lab Sample ID
SF-1	460-41492-1
SF-2	460-41492-2
SF-3	460-41492-3
SF-4	460-41492-4
SF-5	460-41492-5
SF-6	460-41492-6
SF-7	460-41492-7
SF-8	460-41492-8
SF-9	460-41492-9
SF-10	460-41492-10
SF-11	460-41492-11
SF-12	460-41492-12
SF-13	460-41492-13
SF-14	460-41492-14
FD-C	460-41492-15
F-1	460-41492-16
F-2	460-41492-17
F-3	460-41492-18
F-4	460-41492-19
F-5	460-41492-20
F-6	460-41492-21
F-7	460-41492-22
FD-D	460-41492-23

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 09:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 85.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1060	42.3	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	0.99	1.1	0.99	mg/Kg	U		4	6010B
7440-39-3	Barium	24.3	42.3	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	0.25	1.1	0.16	mg/Kg	J		4	6010B
7440-70-2	Calcium	204	1060	74.9	mg/Kg	J		4	6010B
7440-47-3	Chromium	5.9	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	0.90	10.6	0.90	mg/Kg	U		4	6010B
7440-50-8	Copper	8.9	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	2520	31.7	12.8	mg/Kg			4	6010B
7439-92-1	Lead	6.1	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	470	1060	76.2	mg/Kg	J		4	6010B
7439-96-5	Manganese	32.3	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	2.9	8.5	0.93	mg/Kg	J		4	6010B
7440-09-7	Potassium	146	1060	113	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.80	2.1	0.21	mg/Kg	J		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	2.6	10.6	0.81	mg/Kg	J		4	6010B
7440-66-6	Zinc	18.1	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.084	0.038	0.026	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-2 | Lab Sample ID: 460-41492-2

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 10:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 90.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11500	42.5	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	1.0	1.1	1.0	mg/Kg	U		4	6010B
7440-39-3	Barium	86.5	42.5	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.43	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	1330	1060	75.3	mg/Kg			4	6010B
7440-47-3	Chromium	28.4	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	7.4	10.6	0.91	mg/Kg	J		4	6010B
7440-50-8	Copper	13.1	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	21100	31.9	12.9	mg/Kg			4	6010B
7439-92-1	Lead	5.0	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	4220	1060	76.6	mg/Kg			4	6010B
7439-96-5	Manganese	210	3.2	0.94	mg/Kg			4	6010B
7440-02-0	Nickel	18.3	8.5	0.94	mg/Kg			4	6010B
7440-09-7	Potassium	3350	1060	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	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	37.9	10.6	0.82	mg/Kg			4	6010B
7440-66-6	Zinc	46.8	6.4	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: SF-3 | Lab Sample ID: 460-41492-3

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 12:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8420	46.3	21.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.9	1.2	1.1	mg/Kg			4	6010B
7440-39-3	Barium	71.9	46.3	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	0.17	1.2	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	1540	1160	81.9	mg/Kg			4	6010B
7440-47-3	Chromium	22.3	2.3	0.99	mg/Kg			4	6010B
7440-48-4	Cobalt	6.3	11.6	0.99	mg/Kg	J		4	6010B
7440-50-8	Copper	25.3	5.8	2.2	mg/Kg			4	6010B
7439-89-6	Iron	15900	34.7	14.0	mg/Kg			4	6010B
7439-92-1	Lead	10.8	1.2	0.99	mg/Kg			4	6010B
7439-95-4	Magnesium	3800	1160	83.3	mg/Kg			4	6010B
7439-96-5	Manganese	182	3.5	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	13.5	9.3	1.0	mg/Kg			4	6010B
7440-09-7	Potassium	1830	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	0.23	2.3	0.23	mg/Kg	U		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	26.3	11.6	0.89	mg/Kg			4	6010B
7440-66-6	Zinc	63.5	6.9	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.030	0.035	0.023	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 13:10

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9960	42.9	19.5	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.3	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	85.3	42.9	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.24	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	1710	1070	76.0	mg/Kg			4	6010B
7440-47-3	Chromium	22.9	2.1	0.92	mg/Kg			4	6010B
7440-48-4	Cobalt	8.4	10.7	0.91	mg/Kg	J		4	6010B
7440-50-8	Copper	18.3	5.4	2.1	mg/Kg			4	6010B
7439-89-6	Iron	16400	32.2	13.0	mg/Kg			4	6010B
7439-92-1	Lead	10.2	1.1	0.92	mg/Kg			4	6010B
7439-95-4	Magnesium	3320	1070	77.3	mg/Kg			4	6010B
7439-96-5	Manganese	452	3.2	0.94	mg/Kg			4	6010B
7440-02-0	Nickel	13.4	8.6	0.94	mg/Kg			4	6010B
7440-09-7	Potassium	1490	1070	115	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	170	1070	170	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	27.9	10.7	0.82	mg/Kg			4	6010B
7440-66-6	Zinc	48.5	6.4	1.2	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: SF-5 | Lab Sample ID: 460-41492-5

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 14:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	17600	42.0	19.1	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	1.0	0.99	mg/Kg			4	6010B
7440-39-3	Barium	132	42.0	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.23	0.42	0.15	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.16	1.0	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	1400	1050	74.3	mg/Kg			4	6010B
7440-47-3	Chromium	33.0	2.1	0.90	mg/Kg			4	6010B
7440-48-4	Cobalt	13.1	10.5	0.89	mg/Kg			4	6010B
7440-50-8	Copper	36.9	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	30400	31.5	12.7	mg/Kg			4	6010B
7439-92-1	Lead	12.2	1.0	0.90	mg/Kg			4	6010B
7439-95-4	Magnesium	6670	1050	75.5	mg/Kg			4	6010B
7439-96-5	Manganese	532	3.1	0.92	mg/Kg			4	6010B
7440-02-0	Nickel	27.2	8.4	0.92	mg/Kg			4	6010B
7440-09-7	Potassium	3870	1050	112	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.41	2.1	0.21	mg/Kg	J		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	41.6	10.5	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	98.7	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.17	0.035	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 19:00

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 80.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15800	44.2	20.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.9	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	106	44.2	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.24	0.44	0.16	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	1910	1100	78.2	mg/Kg			4	6010B
7440-47-3	Chromium	42.8	2.2	0.95	mg/Kg			4	6010B
7440-48-4	Cobalt	11.4	11.0	0.94	mg/Kg			4	6010B
7440-50-8	Copper	29.9	5.5	2.1	mg/Kg			4	6010B
7439-89-6	Iron	30200	33.1	13.4	mg/Kg			4	6010B
7439-92-1	Lead	7.7	1.1	0.95	mg/Kg			4	6010B
7439-95-4	Magnesium	6010	1100	79.5	mg/Kg			4	6010B
7439-96-5	Manganese	317	3.3	0.97	mg/Kg			4	6010B
7440-02-0	Nickel	23.4	8.8	0.97	mg/Kg			4	6010B
7440-09-7	Potassium	1180	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	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	175	1100	175	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	50.2	11.0	0.85	mg/Kg			4	6010B
7440-66-6	Zinc	66.7	6.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.024	0.037	0.024	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-7 | Lab Sample ID: 460-41492-7

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 08:50

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15100	47.7	21.7	mg/Kg			4	6010B
7440-36-0	Antimony	1.5	2.4	1.5	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.1	1.2	1.1	mg/Kg			4	6010B
7440-39-3	Barium	78.9	47.7	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.26	0.48	0.17	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.18	1.2	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	1260	1190	84.5	mg/Kg			4	6010B
7440-47-3	Chromium	28.6	2.4	1.0	mg/Kg			4	6010B
7440-48-4	Cobalt	8.0	11.9	1.0	mg/Kg	J		4	6010B
7440-50-8	Copper	17.4	6.0	2.3	mg/Kg			4	6010B
7439-89-6	Iron	22700	35.8	14.4	mg/Kg			4	6010B
7439-92-1	Lead	7.2	1.2	1.0	mg/Kg			4	6010B
7439-95-4	Magnesium	4810	1190	85.9	mg/Kg			4	6010B
7439-96-5	Manganese	266	3.6	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	18.9	9.5	1.0	mg/Kg			4	6010B
7440-09-7	Potassium	1660	1190	128	mg/Kg			4	6010B
7782-49-2	Selenium	1.6	2.4	1.6	mg/Kg	U		4	6010B
7440-22-4	Silver	0.24	2.4	0.24	mg/Kg	U		4	6010B
7440-23-5	Sodium	189	1190	189	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.4	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	36.6	11.9	0.92	mg/Kg			4	6010B
7440-66-6	Zinc	46.9	7.2	1.3	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: SF-8 | Lab Sample ID: 460-41492-8

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 09:35

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8690	44.5	20.2	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.6	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	87.1	44.5	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	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	1930	1110	78.7	mg/Kg			4	6010B
7440-47-3	Chromium	24.1	2.2	0.96	mg/Kg			4	6010B
7440-48-4	Cobalt	6.5	11.1	0.95	mg/Kg	J		4	6010B
7440-50-8	Copper	20.6	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	13600	33.4	13.5	mg/Kg			4	6010B
7439-92-1	Lead	5.4	1.1	0.96	mg/Kg			4	6010B
7439-95-4	Magnesium	3780	1110	80.1	mg/Kg			4	6010B
7439-96-5	Manganese	172	3.3	0.98	mg/Kg			4	6010B
7440-02-0	Nickel	18.0	8.9	0.98	mg/Kg			4	6010B
7440-09-7	Potassium	1820	1110	119	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	176	1110	176	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.2	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	24.9	11.1	0.85	mg/Kg			4	6010B
7440-66-6	Zinc	35.6	6.7	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.026	0.039	0.026	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-9 | Lab Sample ID: 460-41492-9

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 10:45

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 78.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	17500	44.8	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	3.0	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	74.7	44.8	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.34	0.45	0.16	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.17	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	1590	1120	79.4	mg/Kg			4	6010B
7440-47-3	Chromium	42.1	2.2	0.96	mg/Kg			4	6010B
7440-48-4	Cobalt	9.1	11.2	0.96	mg/Kg	J		4	6010B
7440-50-8	Copper	34.9	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	23800	33.6	13.6	mg/Kg			4	6010B
7439-92-1	Lead	10.4	1.1	0.96	mg/Kg			4	6010B
7439-95-4	Magnesium	4740	1120	80.7	mg/Kg			4	6010B
7439-96-5	Manganese	232	3.4	0.99	mg/Kg			4	6010B
7440-02-0	Nickel	20.6	9.0	0.99	mg/Kg			4	6010B
7440-09-7	Potassium	1020	1120	120	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		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	44.7	11.2	0.86	mg/Kg			4	6010B
7440-66-6	Zinc	67.2	6.7	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.046	0.041	0.027	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 11:58

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14600	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	3.1	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	78.5	42.4	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.22	0.42	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	1290	1060	75.0	mg/Kg			4	6010B
7440-47-3	Chromium	34.5	2.1	0.91	mg/Kg			4	6010B
7440-48-4	Cobalt	10	10.6	0.90	mg/Kg	J		4	6010B
7440-50-8	Copper	36.0	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	28800	31.8	12.8	mg/Kg			4	6010B
7439-92-1	Lead	10.1	1.1	0.91	mg/Kg			4	6010B
7439-95-4	Magnesium	5270	1060	76.3	mg/Kg			4	6010B
7439-96-5	Manganese	344	3.2	0.93	mg/Kg			4	6010B
7440-02-0	Nickel	20.1	8.5	0.93	mg/Kg			4	6010B
7440-09-7	Potassium	2060	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	44.2	10.6	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	56.6	6.4	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: SF-11 | Lab Sample ID: 460-41492-11

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 12:45

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 91.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12600	40.2	18.3	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	1.0	0.95	mg/Kg			4	6010B
7440-39-3	Barium	99.3	40.2	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.22	0.40	0.14	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	1320	1010	71.2	mg/Kg			4	6010B
7440-47-3	Chromium	24.9	2.0	0.86	mg/Kg			4	6010B
7440-48-4	Cobalt	7.5	10.1	0.86	mg/Kg	J		4	6010B
7440-50-8	Copper	18.6	5.0	2.0	mg/Kg			4	6010B
7439-89-6	Iron	19400	30.2	12.2	mg/Kg			4	6010B
7439-92-1	Lead	6.4	1.0	0.86	mg/Kg			4	6010B
7439-95-4	Magnesium	3960	1010	72.4	mg/Kg			4	6010B
7439-96-5	Manganese	280	3.0	0.88	mg/Kg			4	6010B
7440-02-0	Nickel	16.4	8.0	0.88	mg/Kg			4	6010B
7440-09-7	Potassium	2360	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	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	33.4	10.1	0.77	mg/Kg			4	6010B
7440-66-6	Zinc	44.9	6.0	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: SF-12 | Lab Sample ID: 460-41492-12

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 13:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 86.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	944	44.7	20.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.1	1.1	mg/Kg	U		4	6010B
7440-39-3	Barium	17.2	44.7	1.3	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.16	0.45	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.69	1.1	0.17	mg/Kg	J		4	6010B
7440-70-2	Calcium	253	1120	79.1	mg/Kg	J		4	6010B
7440-47-3	Chromium	4.8	2.2	0.96	mg/Kg			4	6010B
7440-48-4	Cobalt	0.95	11.2	0.95	mg/Kg	U		4	6010B
7440-50-8	Copper	5.2	5.6	2.2	mg/Kg	J		4	6010B
7439-89-6	Iron	2790	33.5	13.5	mg/Kg			4	6010B
7439-92-1	Lead	4.1	1.1	0.96	mg/Kg			4	6010B
7439-95-4	Magnesium	399	1120	80.4	mg/Kg	J		4	6010B
7439-96-5	Manganese	33.9	3.4	0.98	mg/Kg			4	6010B
7440-02-0	Nickel	2.0	8.9	0.98	mg/Kg	J		4	6010B
7440-09-7	Potassium	120	1120	120	mg/Kg	U		4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.29	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	2.7	11.2	0.86	mg/Kg	J		4	6010B
7440-66-6	Zinc	21.2	6.7	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.030	0.032	0.022	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SF-13 | Lab Sample ID: 460-41492-13

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 14:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 90.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7850	40.3	18.3	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.3	1.0	0.95	mg/Kg			4	6010B
7440-39-3	Barium	91.1	40.3	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.14	0.40	0.14	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.15	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	2240	1010	71.3	mg/Kg			4	6010B
7440-47-3	Chromium	20.0	2.0	0.87	mg/Kg			4	6010B
7440-48-4	Cobalt	5.9	10.1	0.86	mg/Kg	J		4	6010B
7440-50-8	Copper	16.7	5.0	2.0	mg/Kg			4	6010B
7439-89-6	Iron	13600	30.2	12.2	mg/Kg			4	6010B
7439-92-1	Lead	4.4	1.0	0.87	mg/Kg			4	6010B
7439-95-4	Magnesium	3160	1010	72.5	mg/Kg			4	6010B
7439-96-5	Manganese	214	3.0	0.89	mg/Kg			4	6010B
7440-02-0	Nickel	12.6	8.1	0.89	mg/Kg			4	6010B
7440-09-7	Potassium	2130	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	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	25.4	10.1	0.77	mg/Kg			4	6010B
7440-66-6	Zinc	31.7	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: SF-14 | Lab Sample ID: 460-41492-14

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 15:37

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11100	44.4	20.2	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	1.0	mg/Kg			4	6010B
7440-39-3	Barium	108	44.4	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	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	2040	1110	78.7	mg/Kg			4	6010B
7440-47-3	Chromium	24.5	2.2	0.96	mg/Kg			4	6010B
7440-48-4	Cobalt	8.3	11.1	0.95	mg/Kg	J		4	6010B
7440-50-8	Copper	30.9	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	19300	33.3	13.4	mg/Kg			4	6010B
7439-92-1	Lead	6.4	1.1	0.96	mg/Kg			4	6010B
7439-95-4	Magnesium	4530	1110	80.0	mg/Kg			4	6010B
7439-96-5	Manganese	329	3.3	0.98	mg/Kg			4	6010B
7440-02-0	Nickel	18.2	8.9	0.98	mg/Kg			4	6010B
7440-09-7	Potassium	3170	1110	119	mg/Kg			4	6010B
7782-49-2	Selenium	1.5	2.2	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	176	1110	176	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.2	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	31.8	11.1	0.85	mg/Kg			4	6010B
7440-66-6	Zinc	53.3	6.7	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.043	0.033	0.022	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FD-C
Lab Sample ID: 460-41492-15
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/18/2012 00:00
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% Solids: 88.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8450	41.9	19.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.7	1.0	0.98	mg/Kg			4	6010B
7440-39-3	Barium	66.9	41.9	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.17	0.42	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	1460	1050	74.1	mg/Kg			4	6010B
7440-47-3	Chromium	21.3	2.1	0.90	mg/Kg			4	6010B
7440-48-4	Cobalt	6.3	10.5	0.89	mg/Kg	J		4	6010B
7440-50-8	Copper	28.9	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	19100	31.4	12.7	mg/Kg			4	6010B
7439-92-1	Lead	11.0	1.0	0.90	mg/Kg			4	6010B
7439-95-4	Magnesium	3740	1050	75.4	mg/Kg			4	6010B
7439-96-5	Manganese	204	3.1	0.92	mg/Kg			4	6010B
7440-02-0	Nickel	15.0	8.4	0.92	mg/Kg			4	6010B
7440-09-7	Potassium	1500	1050	112	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	J		4	6010B
7440-23-5	Sodium	165	1050	165	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	24.7	10.5	0.80	mg/Kg			4	6010B
7440-66-6	Zinc	76.3	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.13	0.033	0.022	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-1 | Lab Sample ID: 460-41492-16

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 11:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 93.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7800	38.6	17.6	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	1.9	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.3	0.97	0.91	mg/Kg			4	6010B
7440-39-3	Barium	74.0	38.6	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.14	0.39	0.14	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.14	0.97	0.14	mg/Kg	U		4	6010B
7440-70-2	Calcium	1610	966	68.4	mg/Kg			4	6010B
7440-47-3	Chromium	17.5	1.9	0.83	mg/Kg			4	6010B
7440-48-4	Cobalt	6.2	9.7	0.82	mg/Kg	J		4	6010B
7440-50-8	Copper	16.0	4.8	1.9	mg/Kg			4	6010B
7439-89-6	Iron	13800	29.0	11.7	mg/Kg			4	6010B
7439-92-1	Lead	6.6	0.97	0.83	mg/Kg			4	6010B
7439-95-4	Magnesium	3570	966	69.5	mg/Kg			4	6010B
7439-96-5	Manganese	246	2.9	0.85	mg/Kg			4	6010B
7440-02-0	Nickel	14.2	7.7	0.85	mg/Kg			4	6010B
7440-09-7	Potassium	2050	966	103	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	1.9	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.19	1.9	0.19	mg/Kg	U		4	6010B
7440-23-5	Sodium	153	966	153	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.1	1.9	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	20.9	9.7	0.74	mg/Kg			4	6010B
7440-66-6	Zinc	34.9	5.8	1.0	mg/Kg			4	6010B
7439-97-6	Mercury	0.040	0.035	0.024	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-2 | Lab Sample ID: 460-41492-17

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 11:38

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8340	41.9	19.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.5	1.0	0.99	mg/Kg			4	6010B
7440-39-3	Barium	157	41.9	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	1.0	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	2020	1050	74.2	mg/Kg			4	6010B
7440-47-3	Chromium	21.1	2.1	0.90	mg/Kg			4	6010B
7440-48-4	Cobalt	6.1	10.5	0.89	mg/Kg	J		4	6010B
7440-50-8	Copper	232	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	15900	31.5	12.7	mg/Kg			4	6010B
7439-92-1	Lead	38.1	1.0	0.90	mg/Kg			4	6010B
7439-95-4	Magnesium	4600	1050	75.5	mg/Kg			4	6010B
7439-96-5	Manganese	221	3.1	0.92	mg/Kg			4	6010B
7440-02-0	Nickel	13.5	8.4	0.92	mg/Kg			4	6010B
7440-09-7	Potassium	3650	1050	112	mg/Kg			4	6010B
7782-49-2	Selenium	1.4	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.50	2.1	0.21	mg/Kg	J		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	26.4	10.5	0.81	mg/Kg			4	6010B
7440-66-6	Zinc	117	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	1.4	0.032	0.021	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-3 Lab Sample ID: 460-41492-18

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG ID.:

Matrix: Solid Date Sampled: 06/18/2012 11:43

Reporting Basis: DRY Date Received: 06/19/2012 17:55

% Solids: 92.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6510	39.1	17.8	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	0.98	0.92	mg/Kg			4	6010B
7440-39-3	Barium	86.7	39.1	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.14	0.39	0.14	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.21	0.98	0.14	mg/Kg	J		4	6010B
7440-70-2	Calcium	1420	979	69.3	mg/Kg			4	6010B
7440-47-3	Chromium	14.1	2.0	0.84	mg/Kg			4	6010B
7440-48-4	Cobalt	4.1	9.8	0.83	mg/Kg	J		4	6010B
7440-50-8	Copper	35.4	4.9	1.9	mg/Kg			4	6010B
7439-89-6	Iron	12300	29.4	11.8	mg/Kg			4	6010B
7439-92-1	Lead	93.6	0.98	0.84	mg/Kg			4	6010B
7439-95-4	Magnesium	2900	979	70.5	mg/Kg			4	6010B
7439-96-5	Manganese	213	2.9	0.86	mg/Kg			4	6010B
7440-02-0	Nickel	10.2	7.8	0.86	mg/Kg			4	6010B
7440-09-7	Potassium	1280	979	105	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	2.3	2.0	0.20	mg/Kg			4	6010B
7440-23-5	Sodium	155	979	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	17.5	9.8	0.75	mg/Kg			4	6010B
7440-66-6	Zinc	80.2	5.9	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	1.6	0.033	0.022	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-4 | Lab Sample ID: 460-41492-19

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 14:15

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 76.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16200	51.0	23.2	mg/Kg			4	6010B
7440-36-0	Antimony	1.6	2.6	1.6	mg/Kg	U		4	6010B
7440-38-2	Arsenic	3.4	1.3	1.2	mg/Kg			4	6010B
7440-39-3	Barium	129	51.0	1.5	mg/Kg			4	6010B
7440-41-7	Beryllium	0.26	0.51	0.18	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.19	1.3	0.19	mg/Kg	U		4	6010B
7440-70-2	Calcium	1730	1280	90.3	mg/Kg			4	6010B
7440-47-3	Chromium	32.5	2.6	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	11.3	12.8	1.1	mg/Kg	J		4	6010B
7440-50-8	Copper	39.0	6.4	2.5	mg/Kg			4	6010B
7439-89-6	Iron	26100	38.3	15.4	mg/Kg			4	6010B
7439-92-1	Lead	33.1	1.3	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	5430	1280	91.9	mg/Kg			4	6010B
7439-96-5	Manganese	532	3.8	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	23.9	10.2	1.1	mg/Kg			4	6010B
7440-09-7	Potassium	2740	1280	137	mg/Kg			4	6010B
7782-49-2	Selenium	1.7	2.6	1.7	mg/Kg	U		4	6010B
7440-22-4	Silver	0.82	2.6	0.26	mg/Kg	J		4	6010B
7440-23-5	Sodium	202	1280	202	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.4	2.6	1.4	mg/Kg	U		4	6010B
7440-62-2	Vanadium	41.1	12.8	0.98	mg/Kg			4	6010B
7440-66-6	Zinc	155	7.7	1.4	mg/Kg			4	6010B
7439-97-6	Mercury	0.71	0.038	0.025	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 10:30

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10800	42.7	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	1.9	1.1	1.0	mg/Kg			4	6010B
7440-39-3	Barium	89.4	42.7	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	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	1540	1070	75.7	mg/Kg			4	6010B
7440-47-3	Chromium	22.3	2.1	0.92	mg/Kg			4	6010B
7440-48-4	Cobalt	8.4	10.7	0.91	mg/Kg	J		4	6010B
7440-50-8	Copper	18.1	5.3	2.1	mg/Kg			4	6010B
7439-89-6	Iron	18000	32.1	12.9	mg/Kg			4	6010B
7439-92-1	Lead	6.7	1.1	0.92	mg/Kg			4	6010B
7439-95-4	Magnesium	4360	1070	76.9	mg/Kg			4	6010B
7439-96-5	Manganese	327	3.2	0.94	mg/Kg			4	6010B
7440-02-0	Nickel	18.7	8.5	0.94	mg/Kg			4	6010B
7440-09-7	Potassium	2360	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	169	1070	169	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	27.0	10.7	0.82	mg/Kg			4	6010B
7440-66-6	Zinc	42.0	6.4	1.2	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-6 | Lab Sample ID: 460-41492-21

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 14:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 87.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7610	43.0	19.6	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	54.2	43.0	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.15	0.43	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	1510	1070	76.1	mg/Kg			4	6010B
7440-47-3	Chromium	15.4	2.1	0.92	mg/Kg			4	6010B
7440-48-4	Cobalt	5.5	10.7	0.92	mg/Kg	J		4	6010B
7440-50-8	Copper	13.4	5.4	2.1	mg/Kg			4	6010B
7439-89-6	Iron	12300	32.2	13.0	mg/Kg			4	6010B
7439-92-1	Lead	4.5	1.1	0.92	mg/Kg			4	6010B
7439-95-4	Magnesium	3030	1070	77.4	mg/Kg			4	6010B
7439-96-5	Manganese	222	3.2	0.95	mg/Kg			4	6010B
7440-02-0	Nickel	12.5	8.6	0.95	mg/Kg			4	6010B
7440-09-7	Potassium	1390	1070	115	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	170	1070	170	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	18.0	10.7	0.83	mg/Kg			4	6010B
7440-66-6	Zinc	27.3	6.4	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.025	0.038	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 15:30

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 91.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7940	39.6	18.0	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.7	0.99	0.93	mg/Kg			4	6010B
7440-39-3	Barium	61.5	39.6	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	0.15	0.99	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	2100	991	70.1	mg/Kg			4	6010B
7440-47-3	Chromium	16.2	2.0	0.85	mg/Kg			4	6010B
7440-48-4	Cobalt	5.7	9.9	0.84	mg/Kg	J		4	6010B
7440-50-8	Copper	17.4	5.0	1.9	mg/Kg			4	6010B
7439-89-6	Iron	13400	29.7	12.0	mg/Kg			4	6010B
7439-92-1	Lead	6.6	0.99	0.85	mg/Kg			4	6010B
7439-95-4	Magnesium	3300	991	71.3	mg/Kg			4	6010B
7439-96-5	Manganese	262	3.0	0.87	mg/Kg			4	6010B
7440-02-0	Nickel	12.6	7.9	0.87	mg/Kg			4	6010B
7440-09-7	Potassium	1540	991	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	991	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	20.0	9.9	0.76	mg/Kg			4	6010B
7440-66-6	Zinc	32.4	5.9	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.022	0.032	0.021	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FD-D
Lab Sample ID: 460-41492-23
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/19/2012 00:00
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9750	39.2	17.8	mg/Kg			4	6010B
7440-36-0	Antimony	1.2	2.0	1.2	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.1	0.98	0.92	mg/Kg			4	6010B
7440-39-3	Barium	78.2	39.2	1.1	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.39	0.14	mg/Kg	J		4	6010B
7440-43-9	Cadmium	0.14	0.98	0.14	mg/Kg	U		4	6010B
7440-70-2	Calcium	1610	979	69.3	mg/Kg			4	6010B
7440-47-3	Chromium	21.3	2.0	0.84	mg/Kg			4	6010B
7440-48-4	Cobalt	7.4	9.8	0.83	mg/Kg	J		4	6010B
7440-50-8	Copper	16.8	4.9	1.9	mg/Kg			4	6010B
7439-89-6	Iron	17000	29.4	11.8	mg/Kg			4	6010B
7439-92-1	Lead	6.5	0.98	0.84	mg/Kg			4	6010B
7439-95-4	Magnesium	4050	979	70.5	mg/Kg			4	6010B
7439-96-5	Manganese	324	2.9	0.86	mg/Kg			4	6010B
7440-02-0	Nickel	16.3	7.8	0.86	mg/Kg			4	6010B
7440-09-7	Potassium	2170	979	105	mg/Kg			4	6010B
7782-49-2	Selenium	1.3	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	0.20	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	155	979	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	25.4	9.8	0.75	mg/Kg			4	6010B
7440-66-6	Zinc	37.7	5.9	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.022	0.032	0.022	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	ICV 460-117430/6 06/25/2012 17:53				CCV 460-117430/66 06/25/2012 21:30				CCV 460-117430/78 06/25/2012 22:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	122900		125000	98	123900		125000	99	123700		125000	99
Antimony	997.4		1000	100	992.1		1000	99	994.0		1000	99
Arsenic	2457		2500	98	2454		2500	98	2449		2500	98
Barium	9992		10000	100	9982		10000	100	9997		10000	100
Beryllium	985.5		1000	99	986.6		1000	99	985.3		1000	99
Cadmium	1252		1250	100	1253		1250	100	1254		1250	100
Calcium	123400		125000	99	125900		125000	101	125500		125000	100
Chromium	4984		5000	100	5029		5000	101	5033		5000	101
Cobalt	2475		2500	99	2485		2500	99	2484		2500	99
Copper	12280		12500	98	12430		12500	99	12350		12500	99
Iron	99040		100000	99	100000		100000	100	99830		100000	100
Lead	7515		7500	100	7550		7500	101	7542		7500	101
Magnesium	122200		125000	98	123400		125000	99	123300		125000	99
Manganese	5039		5000	101	5117		5000	102	5102		5000	102
Nickel	2505		2500	100	2521		2500	101	2522		2500	101
Potassium	48730		50000	97	49250		50000	99	49020		50000	98
Selenium	2427		2500	97	2417		2500	97	2409		2500	96
Silver	1227		1250	98	1236		1250	99	1235		1250	99
Sodium	121900		125000	98	123400		125000	99	123300		125000	99
Thallium	2535		2500	101	2546		2500	102	2549		2500	102
Vanadium	2457		2500	98	2487		2500	99	2485		2500	99
Zinc	2465		2500	99	2475		2500	99	2474		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.: 460-41492-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	CCV 460-117430/90 06/25/2012 22:56				CCV 460-117430/102 06/25/2012 23:39							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123200		125000	99	123200		125000	99				
Antimony	990.1		1000	99	986.1		1000	99				
Arsenic	2440		2500	98	2427		2500	97				
Barium	9952		10000	100	9906		10000	99				
Beryllium	981.5		1000	98	981.3		1000	98				
Cadmium	1249		1250	100	1242		1250	99				
Calcium	125000		125000	100	125100		125000	100				
Chromium	5016		5000	100	5003		5000	100				
Cobalt	2476		2500	99	2464		2500	99				
Copper	12310		12500	98	12300		12500	98				
Iron	99610		100000	100	99400		100000	99				
Lead	7518		7500	100	7486		7500	100				
Magnesium	123000		125000	98	122600		125000	98				
Manganese	5097		5000	102	5087		5000	102				
Nickel	2513		2500	101	2502		2500	100				
Potassium	48970		50000	98	48890		50000	98				
Selenium	2408		2500	96	2394		2500	96				
Silver	1230		1250	98	1232		1250	99				
Sodium	122900		125000	98	122900		125000	98				
Thallium	2535		2500	101	2528		2500	101				
Vanadium	2476		2500	99	2470		2500	99				
Zinc	2469		2500	99	2454		2500	98				

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.: 460-41492-1

SDG No.:

ICV Source: ME_CCV_DUO_00053 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00053

Analyte	ICV 460-117594/6 06/26/2012 16:37				CCV 460-117594/18 06/26/2012 17:21				CCV 460-117594/30 06/26/2012 18:04			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124700		125000	100	125800		125000	101	124400		125000	100
Antimony	1004		1000	100	1019		1000	102	1001		1000	100
Arsenic	2483		2500	99	2497		2500	100	2464		2500	99
Barium	10100		10000	101	10150		10000	102	10020		10000	100
Beryllium	996.9		1000	100	1006		1000	101	997.0		1000	100
Cadmium	1265		1250	101	1272		1250	102	1254		1250	100
Calcium	126100		125000	101	127500		125000	102	126500		125000	101
Chromium	5027		5000	101	5031		5000	101	4972		5000	99
Cobalt	2500		2500	100	2510		2500	100	2479		2500	99
Copper	12480		12500	100	12630		12500	101	12530		12500	100
Iron	100100		100000	100	100400		100000	100	99280		100000	99
Lead	7602		7500	101	7629		7500	102	7539		7500	101
Magnesium	123500		125000	99	123600		125000	99	121900		125000	98
Manganese	5111		5000	102	5128		5000	103	5073		5000	101
Nickel	2530		2500	101	2536		2500	101	2505		2500	100
Potassium	49430		50000	99	49680		50000	99	49210		50000	98
Selenium	2442		2500	98	2443		2500	98	2414		2500	97
Silver	1240		1250	99	1244		1250	100	1230		1250	98
Sodium	124100		125000	99	126100		125000	101	124900		125000	100
Thallium	2564		2500	103	2570		2500	103	2539		2500	102
Vanadium	2485		2500	99	2490		2500	100	2463		2500	99
Zinc	2495		2500	100	2511		2500	100	2476		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.: 460-41492-1

SDG No.:

ICV Source: ME_DQCS-INT_00545 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00545

Analyte	ICV 460-116950/31-A 06/21/2012 13:06				CCV 460-116950/32-A 06/21/2012 14:04				CCV 460-116950/32-A 06/21/2012 14:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	846.7		833	102	906.7		833	109	910.0		833	109

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.: 460-41492-1

SDG No.:

ICV Source: ME_DQCS-INT_00545 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00545

Analyte	CCV 460-116950/32-A 06/21/2012 14:48											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	905.0		833	109								

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.: 460-41492-1

SDG No.:

ICV Source: ME_DQCS-INT_00546 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00546

Analyte	ICV 460-117140/26-A 06/22/2012 14:49				CCV 460-117140/27-A 06/22/2012 15:12				CCV 460-117140/27-A 06/22/2012 15:37			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	810.0		833	97	823.3		833	99	863.3		833	104

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.: 460-41492-1

SDG No.:

ICV Source: ME_DQCS-INT_00544 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00544

Analyte	ICV 460-116853/7-A 06/20/2012 19:34				CCV 460-116853/8-A 06/20/2012 20:43				CCV 460-116853/8-A 06/20/2012 21:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	835.0		833	100	858.3		833	103	828.3		833	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.: 460-41492-1

SDG No.:

ICV Source: ME_DQCS-INT_00544 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00544

Analyte	CCV 460-116853/8-A 06/20/2012 21:35											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	850.0		833	102								

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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117430/7 06/25/2012 17:56		CCB 460-117430/67 06/25/2012 21:34		CCB 460-117430/79 06/25/2012 22:16		CCB 460-117430/91 06/25/2012 22:59	
		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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-117430/103 06/25/2012 23:42							
		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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117594/7 06/26/2012 16:41		CCB 460-117594/19 06/26/2012 17:24		CCB 460-117594/31 06/26/2012 18:07			
		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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117019/9 06/21/2012 13:08		CCB 460-117019/40 06/21/2012 14:06		CCB 460-117019/51 06/21/2012 14:28		CCB 460-117019/62 06/21/2012 14:50	
		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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-117198/8 06/22/2012 14:51		CCB 460-117198/20 06/22/2012 15:14		CCB 460-117198/32 06/22/2012 15:39			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	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.: 460-41492-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-116890/8 06/20/2012 19:36		CCB 460-116890/41 06/20/2012 20:46		CCB 460-116890/53 06/20/2012 21:12		CCB 460-116890/65 06/20/2012 21:36	
		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.: 460-41492-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117307/1-A ^2

Instrument Code: ICP4 Batch No.: 117430

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.: 460-41492-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117425/1-A ^2

Instrument Code: ICP4 Batch No.: 117594

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.: 460-41492-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-116861/10-A

Instrument Code: LEEMAN5 Batch No.: 116890

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.: 460-41492-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-116968/1-A

Instrument Code: LEEMAN3 Batch No.: 117019

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.: 460-41492-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-117140/1-A

Instrument Code: LEEMAN3 Batch No.: 117198

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.: 460-41492-1

SDG No.:

Lab Sample ID: ICSA 460-117430/8 Instrument ID: ICP4

Lab File ID: 06252012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**496500**	**99**
Antimony		**-4.64**	
Arsenic		**-2.03**	
Barium		**2.55**	
Beryllium		**-0.0955**	
Cadmium		**-1.39**	
Calcium	**500000**	**469300**	**94**
Chromium		**0.0364**	
Cobalt		**-0.212**	
Copper		**1.62**	
Iron	**200000**	**194600**	**97**
Lead		**1.06**	
Magnesium	**500000**	**500200**	**100**
Manganese		**-3.09**	
Nickel		**0.157**	
Potassium		**-137**	
Selenium		**-14.2**	
Silver		**-2.95**	
Sodium		**-71.9**	
Thallium		**-0.892**	
Vanadium		**-3.48**	
Zinc		**-2.28**	
Boron		*2.57*	
Molybdenum		*-1.37*	
Strontium		*-0.205*	
Tin		*0.861*	
Titanium		*-1.90*	

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.: 460-41492-1

SDG No.:

Lab Sample ID: ICSAB 460-117430/9 Instrument ID: ICP4

Lab File ID: 06252012A.asc ICS Source: ME_ICSAB_DUO_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**496500**	**99**
Antimony	**100**	**90.6**	**91**
Arsenic	**100**	**95.6**	**96**
Barium	**100**	**101**	**101**
Beryllium	**100**	**96.4**	**96**
Cadmium	**100**	**93.6**	**94**
Calcium	**500000**	**469300**	**94**
Chromium	**100**	**95.8**	**96**
Cobalt	**100**	**94.0**	**94**
Copper	**100**	**97.8**	**98**
Iron	**200000**	**194300**	**97**
Lead	**100**	**94.7**	**95**
Magnesium	**500000**	**498500**	**100**
Manganese	**100**	**95.8**	**96**
Nickel	**100**	**93.5**	**93**
Potassium	**10000**	**10120**	**101**
Selenium	**100**	**85.1**	**85**
Silver	**100**	**101**	**101**
Sodium	**10000**	**10390**	**104**
Thallium	**100**	**91.8**	**92**
Vanadium	**100**	**94.0**	**94**
Zinc	**100**	**93.1**	**93**
Boron	*100*	*97.9*	*98*
Molybdenum	*100*	*93.3*	*93*
Strontium	*100*	*101*	*101*
Tin	*100*	*97.1*	*97*
Titanium	*100*	*95.5*	*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.: 460-41492-1

SDG No.:

Lab Sample ID: ICSA 460-117594/8 Instrument ID: ICP4

Lab File ID: 06262012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**511200**	**102**
Antimony		**-1.45**	
Arsenic		**-1.06**	
Barium		**-1.07**	
Beryllium		**-0.0012**	
Cadmium		**0.737**	
Calcium	**500000**	**476200**	**95**
Chromium		**0.247**	
Cobalt		**-0.427**	
Copper		**-3.48**	
Iron	**200000**	**200100**	**100**
Lead		**3.15**	
Magnesium	**500000**	**512600**	**103**
Manganese		**-2.99**	
Nickel		**-1.29**	
Potassium		**-167**	
Selenium		**-0.568**	
Silver		**-1.34**	
Sodium		**-74.0**	
Thallium		**-0.117**	
Vanadium		**-4.39**	
Zinc		**2.64**	
Boron		*-0.194*	
Molybdenum		*-2.00*	
Strontium		*0.236*	
Tin		*3.37*	
Titanium		*-5.56*	

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.: 460-41492-1

SDG No.:

Lab Sample ID: ICSAB 460-117594/9 Instrument ID: ICP4

Lab File ID: 06262012A.asc ICS Source: ME_ICSAB_DUO_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**497900**	**100**
Antimony	**100**	**96.1**	**96**
Arsenic	**100**	**95.7**	**96**
Barium	**100**	**98.2**	**98**
Beryllium	**100**	**96.8**	**97**
Cadmium	**100**	**96.4**	**96**
Calcium	**500000**	**464200**	**93**
Chromium	**100**	**97.0**	**97**
Cobalt	**100**	**94.1**	**94**
Copper	**100**	**94.0**	**94**
Iron	**200000**	**195700**	**98**
Lead	**100**	**96.9**	**97**
Magnesium	**500000**	**500600**	**100**
Manganese	**100**	**96.6**	**97**
Nickel	**100**	**93.7**	**94**
Potassium	**10000**	**10100**	**101**
Selenium	**100**	**101**	**101**
Silver	**100**	**104**	**104**
Sodium	**10000**	**10360**	**104**
Thallium	**100**	**92.4**	**92**
Vanadium	**100**	**93.2**	**93**
Zinc	**100**	**93.6**	**94**
Boron	*100*	*98.5*	*98*
Molybdenum	*100*	*94.1*	*94*
Strontium	*100*	*102*	*102*
Tin	*100*	*101*	*101*
Titanium	*100*	*91.7*	*92*

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-8 MS
Lab ID: 460-41492-8 MS
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 85.6

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10360		8690		225	743	75-125	4	6010B
Antimony	34.54		1.4	U	56.1	62	75-125	F	6010B
Arsenic	201.2		1.6		225	89	75-125		6010B
Barium	310.3		87.1		225	99	75-125		6010B
Beryllium	5.36		0.16	U	5.61	96	75-125		6010B
Cadmium	5.34		0.16	U	5.61	95	75-125		6010B
Calcium	4226		1930		2250	102	75-125		6010B
Chromium	48.26		24.1		22.5	108	75-125		6010B
Cobalt	62.00		6.5	J	56.1	99	75-125		6010B
Copper	48.21		20.6		28.1	98	75-125		6010B
Iron	15430		13600		112	1668	75-125	4	6010B
Lead	60.77		5.4		56.1	99	75-125		6010B
Magnesium	6160		3780		2250	106	75-125		6010B
Manganese	238.0		172		56.1	117	75-125		6010B
Nickel	74.15		18.0		56.1	100	75-125		6010B
Potassium	4123		1820		2250	103	75-125		6010B
Selenium	197.3		1.5	U	225	88	75-125		6010B
Silver	5.27		0.22	U	5.61	94	75-125		6010B
Sodium	2154		176	U	2250	96	75-125		6010B
Thallium	225.5		1.3	U	225	100	75-125		6010B
Vanadium	79.54		24.9		56.1	97	75-125		6010B
Zinc	90.86		35.6		56.1	98	75-125		6010B
Mercury	0.188		0.026	U	0.195	97	75-125		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-6 MS
Lab ID: 460-41492-21 MS
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 87.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	8741		7610		221	511	75-125	4	6010B
Antimony	37.78		1.3	U	55.3	68	75-125	F	6010B
Arsenic	205.2		1.4		221	92	75-125		6010B
Barium	275.7		54.2		221	100	75-125		6010B
Beryllium	5.53		0.15	U	5.53	100	75-125		6010B
Cadmium	5.53		0.16	U	5.53	100	75-125		6010B
Calcium	3723		1510		2210	100	75-125		6010B
Chromium	36.39		15.4		22.1	95	75-125		6010B
Cobalt	60.11		5.5	J	55.3	99	75-125		6010B
Copper	40.48		13.4		27.6	98	75-125		6010B
Iron	12950		12300		111	583	75-125	4	6010B
Lead	61.02		4.5		55.3	102	75-125		6010B
Magnesium	5005		3030		2210	89	75-125		6010B
Manganese	323.6		222		55.3	184	75-125	4	6010B
Nickel	67.76		12.5		55.3	100	75-125		6010B
Potassium	3451		1390		2210	93	75-125		6010B
Selenium	200.1		1.4	U	221	91	75-125		6010B
Silver	4.95		0.21	U	5.53	90	75-125		6010B
Sodium	2174		170	U	2210	98	75-125		6010B
Thallium	227.3		1.2	U	221	103	75-125		6010B
Vanadium	71.58		18.0		55.3	97	75-125		6010B
Zinc	81.60		27.3		55.3	98	75-125		6010B
Mercury	0.209		0.025	U	0.192	109	75-125		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: 460-41546-A-5-C MS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 94.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.172		0.023	U	0.176	98	75-125		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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: SF-8 PDS | Lab ID: 460-41492-8 PDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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	9024		8690		445	NC	75-125		6010B
Antimony	95.24		1.4	U	111	86	75-125		6010B
Arsenic	399.0		1.6		445	89	75-125		6010B
Barium	509.1		87.1		445	95	75-125		6010B
Beryllium	10.54		0.16	U	11.1	95	75-125		6010B
Cadmium	10.56		0.16	U	11.1	95	75-125		6010B
Calcium	6148		1930		4450	95	75-125		6010B
Chromium	66.39		24.1		44.5	95	75-125		6010B
Cobalt	112.7		6.5	J	111	95	75-125		6010B
Copper	72.18		20.6		55.6	93	75-125		6010B
Iron	13620		13600		222	NC	75-125		6010B
Lead	112.9		5.4		111	97	75-125		6010B
Magnesium	7756		3780		4450	89	75-125		6010B
Manganese	279.4		172		111	96	75-125		6010B
Nickel	125.5		18.0		111	97	75-125		6010B
Potassium	5863		1820		4450	91	75-125		6010B
Selenium	393.7		1.5	U	445	89	75-125		6010B
Silver	10.46		0.22	U	11.1	94	75-125		6010B
Sodium	4157		176	U	4450	93	75-125		6010B
Thallium	442.6		1.3	U	445	100	75-125		6010B
Vanadium	128.3		24.9		111	93	75-125		6010B
Zinc	139.5		35.6		111	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-6 PDS | Lab ID: 460-41492-21 PDS

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

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	7946		7610		430	NC	75-125		6010B
Antimony	95.27		1.3	U	107	89	75-125		6010B
Arsenic	395.4		1.4		430	92	75-125		6010B
Barium	472.3		54.2		430	97	75-125		6010B
Beryllium	10.53		0.15	U	10.7	98	75-125		6010B
Cadmium	10.52		0.16	U	10.7	98	75-125		6010B
Calcium	5724		1510		4300	98	75-125		6010B
Chromium	56.55		15.4		43.0	96	75-125		6010B
Cobalt	110.0		5.5	J	107	97	75-125		6010B
Copper	66.44		13.4		53.7	99	75-125		6010B
Iron	12330		12300		215	NC	75-125		6010B
Lead	110.7		4.5		107	99	75-125		6010B
Magnesium	6893		3030		4300	90	75-125		6010B
Manganese	327.0		222		107	98	75-125		6010B
Nickel	117.8		12.5		107	98	75-125		6010B
Potassium	5380		1390		4300	93	75-125		6010B
Selenium	387.8		1.4	U	430	90	75-125		6010B
Silver	9.97		0.21	U	10.7	93	75-125		6010B
Sodium	4119		170	U	4300	96	75-125		6010B
Thallium	434.7		1.2	U	430	101	75-125		6010B
Vanadium	119.6		18.0		107	95	75-125		6010B
Zinc	130.0		27.3		107	96	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-8 DU | Lab ID: 460-41492-8 DU

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

% Solids for Sample: 85.6 | % Solids for Duplicate: 85.6

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	43.7	8690		9497		9		6010B
Antimony	2.2	1.4	U	1.4	U	NC		6010B
Arsenic	1.1	1.6		1.59		0.01		6010B
Barium	43.7	87.1		96.19		10		6010B
Beryllium	0.44	0.16	U	0.16	U	NC		6010B
Cadmium	1.1	0.16	U	0.16	U	NC		6010B
Calcium	1090	1930		1967		2		6010B
Chromium	2.2	24.1		25.93		7		6010B
Cobalt	10.9	6.5	J	10.30	J	45		6010B
Copper	5.5	20.6		22.79		10		6010B
Iron	32.7	13600		15330		12		6010B
Lead	1.1	5.4		6.20		13		6010B
Magnesium	1090	3780		4060		7		6010B
Manganese	3.3	172		184.5		7		6010B
Nickel	8.7	18.0		19.92		10		6010B
Potassium	1090	1820		1902		4		6010B
Selenium	2.2	1.5	U	1.4	U	NC		6010B
Silver	2.2	0.22	U	0.22	U	NC		6010B
Sodium	1090	176	U	172	U	NC		6010B
Thallium	2.2	1.3	U	1.2	U	NC		6010B
Vanadium	10.9	24.9		25.80		3		6010B
Zinc	6.5	35.6		37.78		6		6010B
Mercury	0.039	0.026	U	0.026	U	NC		7471A

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: F-6 DU | Lab ID: 460-41492-21 DU

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG No.:

% Solids for Sample: 87.0 | % Solids for Duplicate: 87.0

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	44.6	7610		7489		2		6010B
Antimony	2.2	1.3	U	1.4	U	NC		6010B
Arsenic	1.1	1.4		1.14		21		6010B
Barium	44.6	54.2		51.14		6		6010B
Beryllium	0.45	0.15	U	0.16	U	NC		6010B
Cadmium	1.1	0.16	U	0.17	U	NC		6010B
Calcium	1120	1510		1465		3		6010B
Chromium	2.2	15.4		14.56		6		6010B
Cobalt	11.2	5.5	J	5.48	J	0.7		6010B
Copper	5.6	13.4		13.42		0.4		6010B
Iron	33.5	12300		12450		1		6010B
Lead	1.1	4.5		4.89		8		6010B
Magnesium	1120	3030		2955		2		6010B
Manganese	3.3	222		194.1		13		6010B
Nickel	8.9	12.5		12.12		3		6010B
Potassium	1120	1390		1317		5		6010B
Selenium	2.2	1.4	U	1.5	U	NC		6010B
Silver	2.2	0.21	U	0.22	U	NC		6010B
Sodium	1120	170	U	176	U	NC		6010B
Thallium	2.2	1.2	U	1.3	U	NC		6010B
Vanadium	11.2	18.0		17.33		4		6010B
Zinc	6.7	27.3		26.63		2		6010B
Mercury	0.038	0.025	U	0.025	U	NC		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: 460-41546-A-5-B DU

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

% Solids for Sample: 94.5 % Solids for Duplicate: 94.5

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.035	0.023	U	0.023	U	NC		7471A

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 460-117307/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-41492-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	9900	8198		83	45	154		6010B
Antimony	111	176.5		159	20	253		6010B
Arsenic	232	223.5		96	71	129		6010B
Barium	247	249.6		101	74	126		6010B
Beryllium	91.5	91.57		100	74	125		6010B
Cadmium	187	191.1		102	73	126		6010B
Calcium	6710	6782		101	74	125		6010B
Chromium	125	130.7		104	70	129		6010B
Cobalt	175	184.9		106	74	125		6010B
Copper	121	122.5		102	75	125		6010B
Iron	12800	13330		104	33	167		6010B
Lead	101	105.1		104	71	128		6010B
Magnesium	2930	2759		94	66	134		6010B
Manganese	326	347.5		106	75	124		6010B
Nickel	116	123.6		107	73	127		6010B
Potassium	2810	2576		92	62	137		6010B
Selenium	108	102.3		95	66	134		6010B
Silver	46.4	45.84		99	66	133		6010B
Sodium	539	504.7	J	94	52	147		6010B
Thallium	155	169.2		109	68	131		6010B
Vanadium	117	119.8		103	68	131		6010B
Zinc	179	180.4		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 460-117425/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-41492-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10100	6332		63	45	154		6010B
Antimony	113	180.8		160	20	253		6010B
Arsenic	237	225.8		95	71	129		6010B
Barium	252	245.4		97	74	126		6010B
Beryllium	93.3	93.06		100	74	125		6010B
Cadmium	191	194.5		102	73	126		6010B
Calcium	6840	6876		101	74	125		6010B
Chromium	128	128.0		100	70	129		6010B
Cobalt	178	185.6		104	74	125		6010B
Copper	123	124.1		101	75	125		6010B
Iron	13100	11600		89	33	167		6010B
Lead	103	105.3		102	71	128		6010B
Magnesium	2990	2540		85	66	134		6010B
Manganese	333	341.6		103	75	124		6010B
Nickel	118	123.5		105	73	127		6010B
Potassium	2870	2322		81	62	137		6010B
Selenium	110	103.1		94	66	134		6010B
Silver	47.3	45.54		96	66	133		6010B
Sodium	550	507.0	J	92	52	147		6010B
Thallium	158	171.2		108	68	131		6010B
Vanadium	119	116.5		98	68	131		6010B
Zinc	183	178.8		98	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 460-116861/11-A ^10

Lab Name: TestAmerica Edison Job No.: 460-41492-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	12.4	11.62		94	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 460-116968/2-A ^20

Lab Name: TestAmerica Edison Job No.: 460-41492-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	12.4	12.57		101	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 460-117140/2-A ^20

Lab Name: TestAmerica Edison Job No.: 460-41492-1

Sample Matrix: Solid LCS Source: ME_LCSS_75_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	12.4	12.23		99	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: 460-41492-8

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41492-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	8690		8779		0.97		6010B
Antimony	1.4	U	6.9	U	NC		6010B
Arsenic	1.6		5.2	U	NC		6010B
Barium	87.1		87.40	J	0.32		6010B
Beryllium	0.16	U	0.80	U	NC		6010B
Cadmium	0.16	U	0.82	U	NC		6010B
Calcium	1930		1934	J	NC		6010B
Chromium	24.1		23.88		NC		6010B
Cobalt	6.5	J	6.68	J	NC		6010B
Copper	20.6		22.75	J	NC		6010B
Iron	13600		13720		1.2		6010B
Lead	5.4		6.46		NC		6010B
Magnesium	3780		3856	J	NC		6010B
Manganese	172		173.9		1.0		6010B
Nickel	18.0		18.28	J	NC		6010B
Potassium	1820		1868	J	NC		6010B
Selenium	1.5	U	7.3	U	NC		6010B
Silver	0.22	U	1.1	U	NC		6010B
Sodium	176	U	879	U	NC		6010B
Thallium	1.3	U	6.3	U	NC		6010B
Vanadium	24.9		25.03	J	NC		6010B
Zinc	35.6		36.26		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: 460-41492-21

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41492-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	7610		7703		1.2		6010B
Antimony	1.3	U	6.7	U	NC		6010B
Arsenic	1.4		5.0	U	NC		6010B
Barium	54.2		54.21	J	NC		6010B
Beryllium	0.15	U	0.77	U	NC		6010B
Cadmium	0.16	U	0.80	U	NC		6010B
Calcium	1510		1531	J	NC		6010B
Chromium	15.4		15.34		NC		6010B
Cobalt	5.5	J	5.27	J	NC		6010B
Copper	13.4		15.21	J	NC		6010B
Iron	12300		12450		1.2		6010B
Lead	4.5		4.82	J	NC		6010B
Magnesium	3030		3075	J	NC		6010B
Manganese	222		223.7		0.77		6010B
Nickel	12.5		12.84	J	NC		6010B
Potassium	1390		1383	J	NC		6010B
Selenium	1.4	U	7.1	U	NC		6010B
Silver	0.21	U	1.1	U	NC		6010B
Sodium	170	U	849	U	NC		6010B
Thallium	1.2	U	6.1	U	NC		6010B
Vanadium	18.0		17.50	J	NC		6010B
Zinc	27.3		31.16	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: 460-41492-8

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41492-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.026	U	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: 460-41492-21

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41492-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.025	U	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: 460-41546-A-5-A SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-41492-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.023	U	0.12	U	NC		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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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.: 460-41492-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117307/1-A ^2	06/25/2012 08:30	117307	1.00		50
LCSSRM 460-117307/2-A ^4	06/25/2012 08:30	117307	1.02		50
460-41492-8	06/25/2012 08:30	117307	1.05		50
460-41492-8 DU	06/25/2012 08:30	117307	1.07		50
460-41492-8 MS	06/25/2012 08:30	117307	1.04		50
460-41492-19	06/25/2012 08:30	117307	1.02		50
460-41492-2	06/25/2012 08:30	117307	1.04		50
460-41492-3	06/25/2012 08:30	117307	1.00		50
460-41492-4	06/25/2012 08:30	117307	1.05		50
460-41492-5	06/25/2012 08:30	117307	1.12		50
460-41492-6	06/25/2012 08:30	117307	1.12		50
460-41492-7	06/25/2012 08:30	117307	1.02		50
460-41492-1	06/25/2012 08:30	117307	1.10		50
460-41492-9	06/25/2012 08:30	117307	1.13		50
460-41492-10	06/25/2012 08:30	117307	1.12		50
460-41492-11	06/25/2012 08:30	117307	1.09		50
460-41492-12	06/25/2012 08:30	117307	1.04		50
460-41492-13	06/25/2012 08:30	117307	1.10		50
460-41492-14	06/25/2012 08:30	117307	1.02		50
460-41492-15	06/25/2012 08:30	117307	1.08		50
460-41492-16	06/25/2012 08:30	117307	1.11		50
460-41492-17	06/25/2012 08:30	117307	1.08		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117425/1-A ^2	06/26/2012 06:55	117425	1.00		50
LCSSRM 460-117425/2-A ^4	06/26/2012 06:55	117425	1.00		50
460-41492-21	06/26/2012 06:55	117425	1.07		50
460-41492-21 DU	06/26/2012 06:55	117425	1.03		50
460-41492-21 MS	06/26/2012 06:55	117425	1.04		50
460-41492-18	06/26/2012 06:55	117425	1.10		50
460-41492-20	06/26/2012 06:55	117425	1.06		50
460-41492-22	06/26/2012 06:55	117425	1.10		50
460-41492-23	06/26/2012 06:55	117425	1.14		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-116861/10-A	06/20/2012 16:47	116861	0.60		100
LCSSRM 460-116861/11-A ^10	06/20/2012 16:47	116861	0.60		100
460-41492-8	06/20/2012 16:47	116861	0.60		100
460-41492-8 DU	06/20/2012 16:47	116861	0.60		100
460-41492-8 MS	06/20/2012 16:47	116861	0.60		100
460-41492-1	06/20/2012 16:47	116861	0.60		100
460-41492-2	06/20/2012 16:47	116861	0.67		100
460-41492-3	06/20/2012 16:47	116861	0.65		100
460-41492-4	06/20/2012 16:47	116861	0.65		100
460-41492-5	06/20/2012 16:47	116861	0.66		100
460-41492-6	06/20/2012 16:47	116861	0.67		100
460-41492-7	06/20/2012 16:47	116861	0.67		100
460-41492-9	06/20/2012 16:47	116861	0.61		100
460-41492-10	06/20/2012 16:47	116861	0.66		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-116968/1-A	06/21/2012 11:20	116968	0.60		100
LCSSRM 460-116968/2-A ^20	06/21/2012 11:20	116968	0.60		100
460-41492-21	06/21/2012 11:20	116968	0.60		100
460-41492-21 DU	06/21/2012 11:20	116968	0.60		100
460-41492-21 MS	06/21/2012 11:20	116968	0.60		100
460-41492-11	06/21/2012 11:20	116968	0.60		100
460-41492-12	06/21/2012 11:20	116968	0.71		100
460-41492-13	06/21/2012 11:20	116968	0.67		100
460-41492-14	06/21/2012 11:20	116968	0.67		100
460-41492-15	06/21/2012 11:20	116968	0.68		100
460-41492-16	06/21/2012 11:20	116968	0.60		100
460-41492-17	06/21/2012 11:20	116968	0.70		100
460-41492-18	06/21/2012 11:20	116968	0.64		100
460-41492-19	06/21/2012 11:20	116968	0.68		100
460-41492-20	06/21/2012 11:20	116968	0.62		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-117140/1-A	06/22/2012 10:41	117140	0.60		100
LCSSRM 460-117140/2-A ^20	06/22/2012 10:41	117140	0.60		100
460-41546-A-5-B DU	06/22/2012 10:41	117140	0.60		100
460-41546-A-5-C MS	06/22/2012 10:41	117140	0.60		100
460-41492-22	06/22/2012 10:41	117140	0.68		100
460-41492-23	06/22/2012 10:41	117140	0.68		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

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			17:35																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
ICV 460-117430/6	1		17:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-117430/7	1		17:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-117430/8	1		18:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-117430/9	1		18:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:07																				
ZZZZZZ			18:11																				
ZZZZZZ			18:15																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:26																				
ZZZZZZ			18:29																				
ZZZZZZ			18:33																				
CCV 460-117430/18			18:36																				
CCB 460-117430/19			18:40																				
ZZZZZZ			18:43																				
ZZZZZZ			18:47																				
ZZZZZZ			18:51																				
ZZZZZZ			18:54																				
ZZZZZZ			18:58																				
ZZZZZZ			19:02																				
ZZZZZZ			19:05																				
ZZZZZZ			19:09																				
ZZZZZZ			19:13																				
ZZZZZZ			19:17																				
CCV 460-117430/30			19:20																				
CCB 460-117430/31			19:24																				
ZZZZZZ			19:27																				
ZZZZZZ			19:31																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
ZZZZZZ			19:42																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:01																				
CCV 460-117430/42			20:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

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
CCB 460-117430/43			20:07																				
ZZZZZZ			20:11																				
ZZZZZZ			20:15																				
ZZZZZZ			20:19																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:29																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
ZZZZZZ			20:40																				
ZZZZZZ			20:44																				
CCV 460-117430/54			20:47																				
CCB 460-117430/55			20:51																				
ZZZZZZ			20:54																				
ZZZZZZ			20:58																				
ZZZZZZ			21:01																				
ZZZZZZ			21:05																				
ZZZZZZ			21:09																				
ZZZZZZ			21:12																				
ZZZZZZ			21:16																				
ZZZZZZ			21:20																				
ZZZZZZ			21:23																				
ZZZZZZ			21:27																				
CCV 460-117430/66	1		21:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117430/67	1		21:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:38																				
ZZZZZZ			21:41																				
ZZZZZZ			21:45																				
460-41492-8 DU	4	T	21:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-8	4	T	21:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-8 SD	20	T	21:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-8 MS	4	T	21:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-8 PDS	4	T	22:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-19	4	T	22:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-117307/2-A ^4	4	T	22:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117430/78	1		22:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117430/79	1		22:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-117307/1-A ^2	2	T	22:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-2	4	T	22:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-3	4	T	22:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-4	4	T	22:31	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.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

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
460-41492-5	4	T	22:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-6	4	T	22:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-7	4	T	22:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-1	4	T	22:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-9	4	T	22:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-10	4	T	22:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117430/90	1		22:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117430/91	1		22:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-11	4	T	23:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-12	4	T	23:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-13	4	T	23:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-14	4	T	23:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-15	4	T	23:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-16	4	T	23:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-17	4	T	23:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:36																				
CCV 460-117430/102	1		23:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117430/103	1		23:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:46																				
ZZZZZZ			23:50																				
ZZZZZZ			23:54																				
ZZZZZZ			23:58																				
ZZZZZZ			00:02																				
ZZZZZZ			00:05																				
ZZZZZZ			00:09																				
ZZZZZZ			00:13																				
ZZZZZZ			00:17																				
ZZZZZZ			00:20																				
CCV 460-117430/114			00:24																				
CCB 460-117430/115			00:27																				
ZZZZZZ			00:31																				
ZZZZZZ			00:35																				
ZZZZZZ			00:39																				
ZZZZZZ			00:42																				
ZZZZZZ			00:46																				
ZZZZZZ			00:50																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:01																				
ZZZZZZ			01:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

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 460-117430/126			01:08																				
CCB 460-117430/127			01:11																				
ZZZZZZ			01:15																				
ZZZZZZ			01:19																				
ZZZZZZ			01:22																				
ZZZZZZ			01:26																				
ZZZZZZ			01:30																				
CCV 460-117430/133			01:33																				
CCB 460-117430/134			01:37																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			17:35																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
ICV 460-117430/6	1		17:53	X	X																		
ICB 460-117430/7	1		17:56	X	X																		
ICSA 460-117430/8	1		18:00	X	X																		
ICSAB 460-117430/9	1		18:04	X	X																		
ZZZZZZ			18:07																				
ZZZZZZ			18:11																				
ZZZZZZ			18:15																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:26																				
ZZZZZZ			18:29																				
ZZZZZZ			18:33																				
CCV 460-117430/18			18:36																				
CCB 460-117430/19			18:40																				
ZZZZZZ			18:43																				
ZZZZZZ			18:47																				
ZZZZZZ			18:51																				
ZZZZZZ			18:54																				
ZZZZZZ			18:58																				
ZZZZZZ			19:02																				
ZZZZZZ			19:05																				
ZZZZZZ			19:09																				
ZZZZZZ			19:13																				
ZZZZZZ			19:17																				
CCV 460-117430/30			19:20																				
CCB 460-117430/31			19:24																				
ZZZZZZ			19:27																				
ZZZZZZ			19:31																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
ZZZZZZ			19:42																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:01																				
CCV 460-117430/42			20:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
CCB 460-117430/43			20:07																					
ZZZZZZ			20:11																					
ZZZZZZ			20:15																					
ZZZZZZ			20:19																					
ZZZZZZ			20:22																					
ZZZZZZ			20:25																					
ZZZZZZ			20:29																					
ZZZZZZ			20:33																					
ZZZZZZ			20:36																					
ZZZZZZ			20:40																					
ZZZZZZ			20:44																					
CCV 460-117430/54			20:47																					
CCB 460-117430/55			20:51																					
ZZZZZZ			20:54																					
ZZZZZZ			20:58																					
ZZZZZZ			21:01																					
ZZZZZZ			21:05																					
ZZZZZZ			21:09																					
ZZZZZZ			21:12																					
ZZZZZZ			21:16																					
ZZZZZZ			21:20																					
ZZZZZZ			21:23																					
ZZZZZZ			21:27																					
CCV 460-117430/66	1		21:30	X	X																			
CCB 460-117430/67	1		21:34	X	X																			
ZZZZZZ			21:38																					
ZZZZZZ			21:41																					
ZZZZZZ			21:45																					
460-41492-8 DU	4	T	21:48	X	X																			
460-41492-8	4	T	21:52	X	X																			
460-41492-8 SD	20	T	21:56	X	X																			
460-41492-8 MS	4	T	21:59	X	X																			
460-41492-8 PDS	4	T	22:03	X	X																			
460-41492-19	4	T	22:06	X	X																			
LCSSRM 460-117307/2-A ^4	4	T	22:10	X	X																			
CCV 460-117430/78	1		22:13	X	X																			
CCB 460-117430/79	1		22:16	X	X																			
MB 460-117307/1-A ^2	2	T	22:20	X	X																			
460-41492-2	4	T	22:24	X	X																			
460-41492-3	4	T	22:27	X	X																			
460-41492-4	4	T	22:31	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
460-41492-5	4	T	22:35	X	X																		
460-41492-6	4	T	22:38	X	X																		
460-41492-7	4	T	22:42	X	X																		
460-41492-1	4	T	22:45	X	X																		
460-41492-9	4	T	22:49	X	X																		
460-41492-10	4	T	22:53	X	X																		
CCV 460-117430/90	1		22:56	X	X																		
CCB 460-117430/91	1		22:59	X	X																		
460-41492-11	4	T	23:03	X	X																		
460-41492-12	4	T	23:07	X	X																		
460-41492-13	4	T	23:10	X	X																		
460-41492-14	4	T	23:14	X	X																		
460-41492-15	4	T	23:18	X	X																		
460-41492-16	4	T	23:21	X	X																		
460-41492-17	4	T	23:25	X	X																		
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:36																				
CCV 460-117430/102	1		23:39	X	X																		
CCB 460-117430/103	1		23:42	X	X																		
ZZZZZZ			23:46																				
ZZZZZZ			23:50																				
ZZZZZZ			23:54																				
ZZZZZZ			23:58																				
ZZZZZZ			00:02																				
ZZZZZZ			00:05																				
ZZZZZZ			00:09																				
ZZZZZZ			00:13																				
ZZZZZZ			00:17																				
ZZZZZZ			00:20																				
CCV 460-117430/114			00:24																				
CCB 460-117430/115			00:27																				
ZZZZZZ			00:31																				
ZZZZZZ			00:35																				
ZZZZZZ			00:39																				
ZZZZZZ			00:42																				
ZZZZZZ			00:46																				
ZZZZZZ			00:50																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:01																				
ZZZZZZ			01:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/25/2012 17:35 End Date: 06/26/2012 01:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-117430/126			01:08																				
CCB 460-117430/127			01:11																				
ZZZZZZ			01:15																				
ZZZZZZ			01:19																				
ZZZZZZ			01:22																				
ZZZZZZ			01:26																				
ZZZZZZ			01:30																				
CCV 460-117430/133			01:33																				
CCB 460-117430/134			01:37																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 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			16:20																				
ZZZZZZ			16:23																				
ZZZZZZ			16:27																				
ZZZZZZ			16:30																				
ZZZZZZ			16:34																				
ICV 460-117594/6	1		16:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-117594/7	1		16:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-117594/8	1		16:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-117594/9	1		16:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:52																				
460-41492-21 DU	4	T	16:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-21	4	T	16:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-21 SD	20	T	17:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-21 MS	4	T	17:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-21 PDS	4	T	17:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-18	4	T	17:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-117425/2-A ^4	4	T	17:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-117594/18	1		17:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117594/19	1		17:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-117425/1-A ^2	2	T	17:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-20	4	T	17:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-22	4	T	17:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-41492-23	4	T	17:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
ZZZZZZ			17:53																				
ZZZZZZ			17:56																				
ZZZZZZ			18:00																				
CCV 460-117594/30	1		18:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-117594/31	1		18:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:11																				
ZZZZZZ			18:14																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:25																				
ZZZZZZ			18:29																				
ZZZZZZ			18:32																				
ZZZZZZ			18:36																				
ZZZZZZ			18:39																				
ZZZZZZ			18:43																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 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
CCV 460-117594/42			18:46																				
CCB 460-117594/43			18:50																				
ZZZZZZ			18:54																				
ZZZZZZ			18:57																				
ZZZZZZ			19:01																				
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
ZZZZZZ			19:12																				
ZZZZZZ			19:15																				
ZZZZZZ			19:19																				
ZZZZZZ			19:22																				
ZZZZZZ			19:26																				
CCV 460-117594/54			19:29																				
CCB 460-117594/55			19:33																				
ZZZZZZ			19:36																				
ZZZZZZ			19:40																				
ZZZZZZ			19:44																				
ZZZZZZ			19:47																				
ZZZZZZ			19:51																				
ZZZZZZ			19:54																				
ZZZZZZ			19:58																				
ZZZZZZ			20:02																				
ZZZZZZ			20:05																				
ZZZZZZ			20:09																				
CCV 460-117594/66			20:13																				
CCB 460-117594/67			20:16																				
ZZZZZZ			20:20																				
ZZZZZZ			20:23																				
ZZZZZZ			20:27																				
ZZZZZZ			20:30																				
ZZZZZZ			20:34																				
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				
ZZZZZZ			20:45																				
ZZZZZZ			20:48																				
ZZZZZZ			20:52																				
CCV 460-117594/78			20:55																				
CCB 460-117594/79			20:59																				
ZZZZZZ			21:02																				
ZZZZZZ			21:06																				
ZZZZZZ			21:09																				
ZZZZZZ			21:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 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			21:17																					
ZZZZZZ			21:21																					
ZZZZZZ			21:24																					
ZZZZZZ			21:28																					
ZZZZZZ			21:32																					
ZZZZZZ			21:35																					
CCV 460-117594/90			21:39																					
CCB 460-117594/91			21:42																					
ZZZZZZ			21:46																					
ZZZZZZ			21:50																					
ZZZZZZ			21:53																					
ZZZZZZ			21:57																					
ZZZZZZ			22:01																					
ZZZZZZ			22:05																					
ZZZZZZ			22:09																					
ZZZZZZ			22:12																					
CCV 460-117594/100			22:16																					
CCB 460-117594/101			22:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 22:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
ZZZZZZ			16:27																				
ZZZZZZ			16:30																				
ZZZZZZ			16:34																				
ICV 460-117594/6	1		16:37	X	X																		
ICB 460-117594/7	1		16:41	X	X																		
ICSA 460-117594/8	1		16:45	X	X																		
ICSAB 460-117594/9	1		16:48	X	X																		
ZZZZZZ			16:52																				
460-41492-21 DU	4	T	16:56	X	X																		
460-41492-21	4	T	16:59	X	X																		
460-41492-21 SD	20	T	17:03	X	X																		
460-41492-21 MS	4	T	17:07	X	X																		
460-41492-21 PDS	4	T	17:10	X	X																		
460-41492-18	4	T	17:13	X	X																		
LCSSRM 460-117425/2-A ^4	4	T	17:17	X	X																		
CCV 460-117594/18	1		17:21	X	X																		
CCB 460-117594/19	1		17:24	X	X																		
MB 460-117425/1-A ^2	2	T	17:28	X	X																		
460-41492-20	4	T	17:31	X	X																		
460-41492-22	4	T	17:35	X	X																		
460-41492-23	4	T	17:39	X	X																		
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
ZZZZZZ			17:53																				
ZZZZZZ			17:56																				
ZZZZZZ			18:00																				
CCV 460-117594/30	1		18:04	X	X																		
CCB 460-117594/31	1		18:07	X	X																		
ZZZZZZ			18:11																				
ZZZZZZ			18:14																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:25																				
ZZZZZZ			18:29																				
ZZZZZZ			18:32																				
ZZZZZZ			18:36																				
ZZZZZZ			18:39																				
ZZZZZZ			18:43																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 22:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-117594/42			18:46																				
CCB 460-117594/43			18:50																				
ZZZZZZ			18:54																				
ZZZZZZ			18:57																				
ZZZZZZ			19:01																				
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
ZZZZZZ			19:12																				
ZZZZZZ			19:15																				
ZZZZZZ			19:19																				
ZZZZZZ			19:22																				
ZZZZZZ			19:26																				
CCV 460-117594/54			19:29																				
CCB 460-117594/55			19:33																				
ZZZZZZ			19:36																				
ZZZZZZ			19:40																				
ZZZZZZ			19:44																				
ZZZZZZ			19:47																				
ZZZZZZ			19:51																				
ZZZZZZ			19:54																				
ZZZZZZ			19:58																				
ZZZZZZ			20:02																				
ZZZZZZ			20:05																				
ZZZZZZ			20:09																				
CCV 460-117594/66			20:13																				
CCB 460-117594/67			20:16																				
ZZZZZZ			20:20																				
ZZZZZZ			20:23																				
ZZZZZZ			20:27																				
ZZZZZZ			20:30																				
ZZZZZZ			20:34																				
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				
ZZZZZZ			20:45																				
ZZZZZZ			20:48																				
ZZZZZZ			20:52																				
CCV 460-117594/78			20:55																				
CCB 460-117594/79			20:59																				
ZZZZZZ			21:02																				
ZZZZZZ			21:06																				
ZZZZZZ			21:09																				
ZZZZZZ			21:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 06/26/2012 16:20 End Date: 06/26/2012 22:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			21:17																					
ZZZZZZ			21:21																					
ZZZZZZ			21:24																					
ZZZZZZ			21:28																					
ZZZZZZ			21:32																					
ZZZZZZ			21:35																					
CCV 460-117594/90			21:39																					
CCB 460-117594/91			21:42																					
ZZZZZZ			21:46																					
ZZZZZZ			21:50																					
ZZZZZZ			21:53																					
ZZZZZZ			21:57																					
ZZZZZZ			22:01																					
ZZZZZZ			22:05																					
ZZZZZZ			22:09																					
ZZZZZZ			22:12																					
CCV 460-117594/100			22:16																					
CCB 460-117594/101			22:19																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7471A

Start Date: 06/21/2012 12:50 End Date: 06/21/2012 15:05

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			12:50																					
IC 460-116950/25-A			12:55	X																				
IC 460-116950/26-A			12:57	X																				
IC 460-116950/27-A			12:58	X																				
IC 460-116950/28-A			13:00	X																				
IC 460-116950/29-A			13:02	X																				
IC 460-116950/30-A			13:04	X																				
ICV 460-116950/31-A	1		13:06	X																				
ICB 460-117019/9	1		13:08	X																				
ZZZZZZ			13:10																					
ZZZZZZ			13:12																					
ZZZZZZ			13:14																					
ZZZZZZ			13:16																					
ZZZZZZ			13:18																					
ZZZZZZ			13:19																					
ZZZZZZ			13:21																					
ZZZZZZ			13:23																					
CCV 460-116950/32-A			13:25																					
CCB 460-117019/19			13:27																					
ZZZZZZ			13:29																					
ZZZZZZ			13:31																					
ZZZZZZ			13:33																					
ZZZZZZ			13:35																					
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:41																					
ZZZZZZ			13:42																					
CCV 460-116950/32-A			13:44																					
CCB 460-117019/29			13:46																					
ZZZZZZ			13:48																					
ZZZZZZ			13:50																					
ZZZZZZ			13:51																					
ZZZZZZ			13:53																					
ZZZZZZ			13:55																					
ZZZZZZ			13:57																					
ZZZZZZ			13:59																					
ZZZZZZ			14:01																					
ZZZZZZ			14:02																					
CCV 460-116950/32-A	1		14:04	X																				
CCB 460-117019/40	1		14:06	X																				
MB 460-116968/1-A	1	T	14:08	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7471A

Start Date: 06/21/2012 12:50 End Date: 06/21/2012 15:05

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
LCSSRM 460-116968/2-A ^20	20	T	14:10	X																			
460-41492-21	1	T	14:12	X																			
460-41492-21 DU	1	T	14:14	X																			
460-41492-21 MS	1	T	14:16	X																			
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
460-41492-11	1	T	14:22	X																			
460-41492-12	1	T	14:24	X																			
CCV 460-116950/32-A	1		14:26	X																			
CCB 460-117019/51	1		14:28	X																			
460-41492-13	1	T	14:29	X																			
460-41492-14	1	T	14:31	X																			
460-41492-15	1	T	14:33	X																			
460-41492-16	1	T	14:35	X																			
460-41492-17	1	T	14:36	X																			
460-41492-18	1	T	14:39	X																			
460-41492-19	1	T	14:42	X																			
460-41492-20	1	T	14:44	X																			
460-41492-21 SD	5	T	14:46	X																			
CCV 460-116950/32-A	1		14:48	X																			
CCB 460-117019/62	1		14:50	X																			
ZZZZZZ			14:56																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
CCV 460-116950/32-A			15:03																				
CCB 460-117019/68			15:05																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7471A

Start Date: 06/22/2012 14:37 End Date: 06/22/2012 15:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-117140/20-A			14:37	X																			
IC 460-117140/21-A			14:39	X																			
IC 460-117140/22-A			14:41	X																			
IC 460-117140/23-A			14:43	X																			
IC 460-117140/24-A			14:45	X																			
IC 460-117140/25-A			14:47	X																			
ICV 460-117140/26-A	1		14:49	X																			
ICB 460-117198/8	1		14:51	X																			
MB 460-117140/1-A	1	T	14:53	X																			
LCSSRM 460-117140/2-A ^20	20	T	14:55	X																			
ZZZZZZ			14:57																				
460-41546-A-5-B DU	1	T	14:59	X																			
460-41546-A-5-C MS	1	T	15:01	X																			
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
CCV 460-117140/27-A	1		15:12	X																			
CCB 460-117198/20	1		15:14	X																			
460-41492-22	1	T	15:16	X																			
460-41492-23	1	T	15:18	X																			
ZZZZZZ			15:20																				
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
ZZZZZZ			15:31																				
ZZZZZZ			15:33																				
460-41546-A-5-A SD ^5	5	T	15:35	X																			
CCV 460-117140/27-A	1		15:37	X																			
CCB 460-117198/32	1		15:39	X																			
ZZZZZZ			15:42																				
ZZZZZZ			15:44																				
CCV 460-117140/27-A			15:46																				
CCB 460-117198/36			15:47																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 06/20/2012 19:22 End Date: 06/20/2012 21:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-116853/1-A			19:22	X																			
IC 460-116853/2-A			19:23	X																			
IC 460-116853/3-A			19:25	X																			
IC 460-116853/4-A			19:27	X																			
IC 460-116853/5-A			19:30	X																			
IC 460-116853/6-A			19:32	X																			
ICV 460-116853/7-A	1		19:34	X																			
ICB 460-116890/8	1		19:36	X																			
ZZZZZZ			19:38																				
ZZZZZZ			19:40																				
ZZZZZZ			19:42																				
ZZZZZZ			19:44																				
ZZZZZZ			19:46																				
ZZZZZZ			19:48																				
ZZZZZZ			19:50																				
ZZZZZZ			19:52																				
ZZZZZZ			19:54																				
ZZZZZZ			19:56																				
CCV 460-116853/8-A			19:58																				
CCB 460-116890/20			20:00																				
ZZZZZZ			20:02																				
ZZZZZZ			20:04																				
ZZZZZZ			20:06																				
ZZZZZZ			20:08																				
ZZZZZZ			20:11																				
ZZZZZZ			20:12																				
ZZZZZZ			20:14																				
ZZZZZZ			20:17																				
ZZZZZZ			20:19																				
ZZZZZZ			20:21																				
CCV 460-116853/8-A			20:23																				
CCB 460-116890/32			20:25																				
ZZZZZZ			20:27																				
ZZZZZZ			20:29																				
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
ZZZZZZ			20:35																				
ZZZZZZ			20:38																				
ZZZZZZ			20:41																				
CCV 460-116853/8-A	1		20:43	X																			
CCB 460-116890/41	1		20:46	X																			
MB 460-116861/10-A	1	T	20:48	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

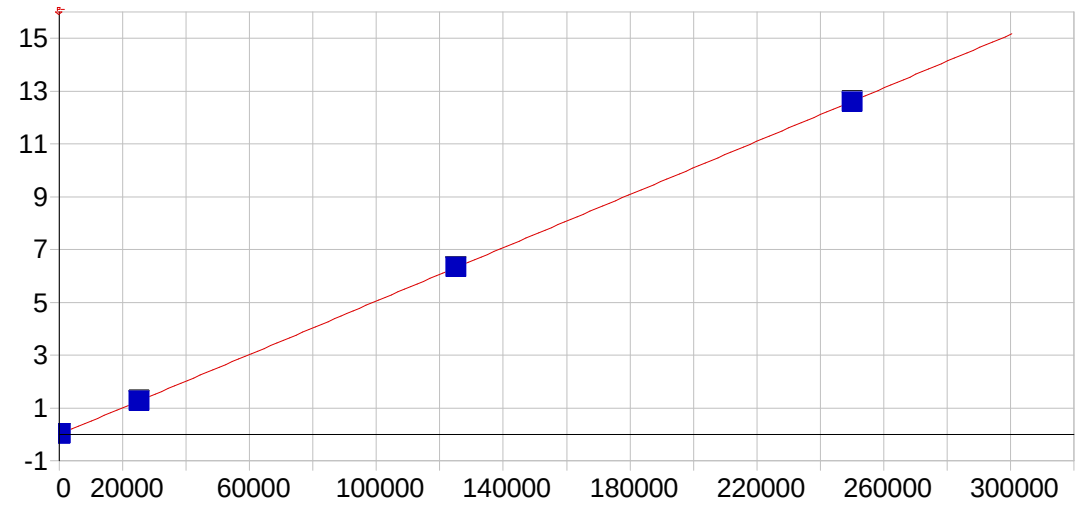
Instrument ID: LEEMAN5 Method: 7471A

Start Date: 06/20/2012 19:22 End Date: 06/20/2012 21:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
LCSSRM 460-116861/11-A ^10	10	T	20:50	X																				
460-41492-8	1	T	20:52	X																				
460-41492-8 DU	1	T	20:55	X																				
460-41492-8 MS	1	T	20:58	X																				
ZZZZZZ			21:00																					
ZZZZZZ			21:02																					
ZZZZZZ			21:04																					
ZZZZZZ			21:06																					
ZZZZZZ			21:08																					
CCV 460-116853/8-A	1		21:10	X																				
CCB 460-116890/53	1		21:12	X																				
460-41492-1	1	T	21:14	X																				
460-41492-2	1	T	21:16	X																				
460-41492-3	1	T	21:19	X																				
460-41492-4	1	T	21:21	X																				
460-41492-5	1	T	21:23	X																				
460-41492-6	1	T	21:25	X																				
460-41492-7	1	T	21:26	X																				
460-41492-9	1	T	21:28	X																				
460-41492-10	1	T	21:30	X																				
460-41492-8 SD	5	T	21:33	X																				
CCV 460-116853/8-A	1		21:35	X																				
CCB 460-116890/65	1		21:36	X																				

Prep Types

T = Total/NA

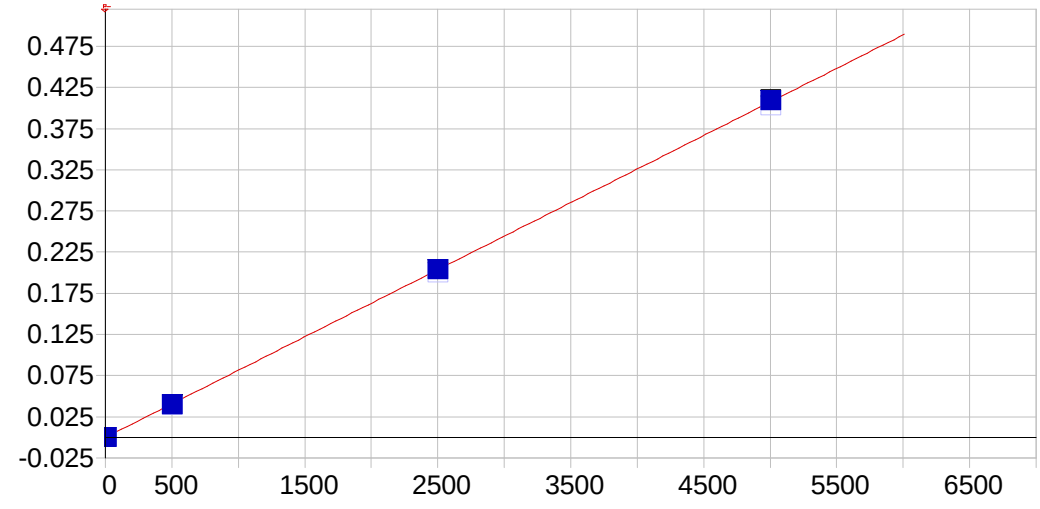


Al 396.152 { 85}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001148	Re-Slope:	1.000000
A1 (Gain):	0.000050	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	18.211451		
Predicted MQL:	60.704836		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00266	-.003	.000	-.00115	.001	1
DCAL1	200.00	201.67	1.67	.837	.00902	.000	1
DCAL2	25000.	25094.	93.6	.374	1.2663	.002	1
DCAL3	125000.	125390.	389.	.311	6.3319	.016	1
DCAL4	250000.	249520.	-485.	-.194	12.601	.019	1



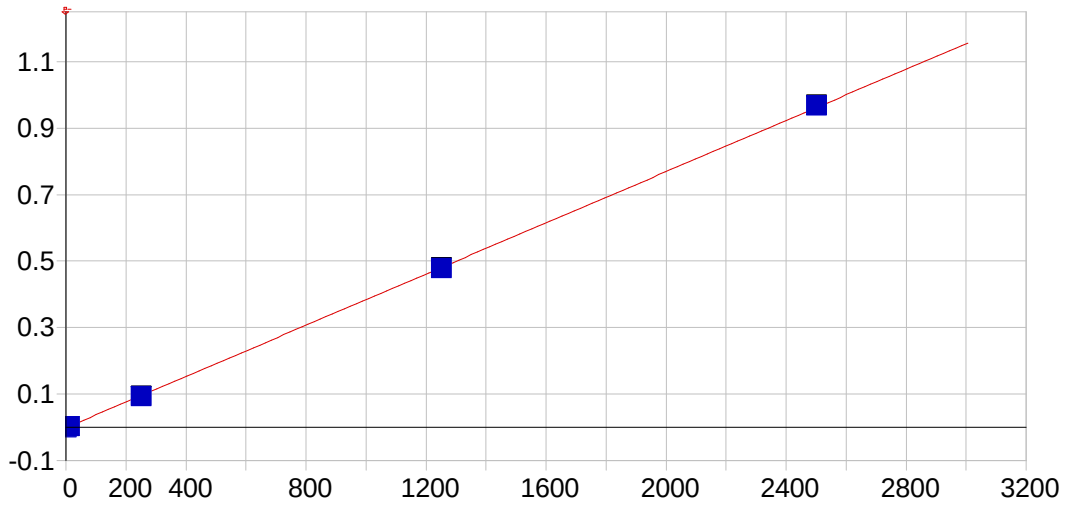
As 189.042 {478}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000033	Re-Slope:	1.000000
A1 (Gain):	0.000081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999871	Status:	OK.
Std Error of Est:	0.000011		

Predicted MDL:	2.393965
Predicted MQL:	7.979882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00287	.003	.000	-.00003	.000	1
DCAL1	5.0000	2.2605	-2.74	-54.8	.00014	.000	1
DCAL2	500.00	486.02	-14.0	-2.80	.03890	.000	1
DCAL3	2500.0	2495.1	-4.93	-.197	.19993	.000	1
DCAL4	5000.0	5021.6	21.6	.433	.40246	.001	1

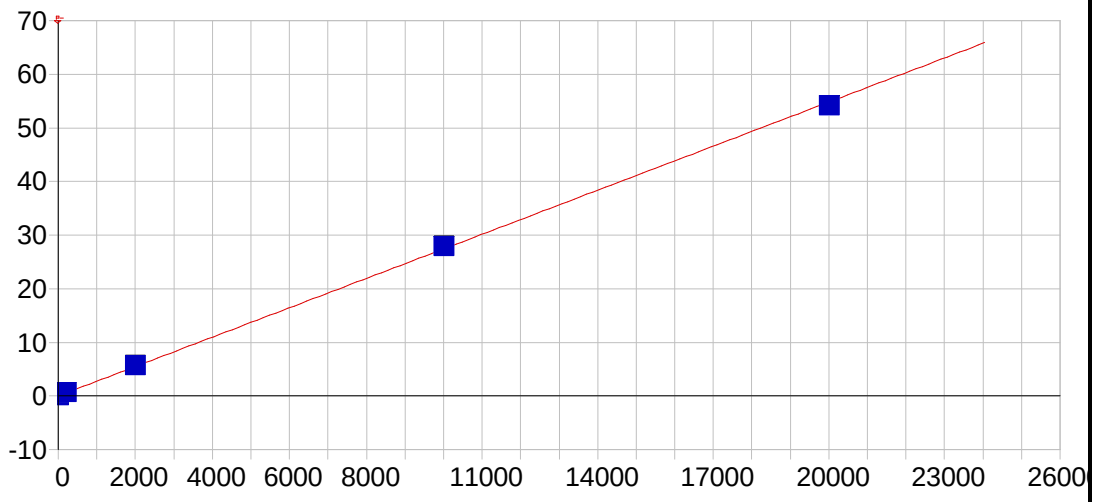


Ag 328.068 {103}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001128	Re-Slope:	1.000000
A1 (Gain):	0.000385	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.723455		
Predicted MQL:	2.411518		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00044	.000	.000	-.00113	.000	1
DCAL1	10.000	9.9138	-.086	-.862	.00268	.000	1
DCAL2	250.00	241.04	-8.96	-3.58	.09146	.000	1
DCAL3	1250.0	1243.2	-6.78	-.542	.47645	.001	1
DCAL4	2500.0	2515.8	15.8	.633	.96534	.001	1

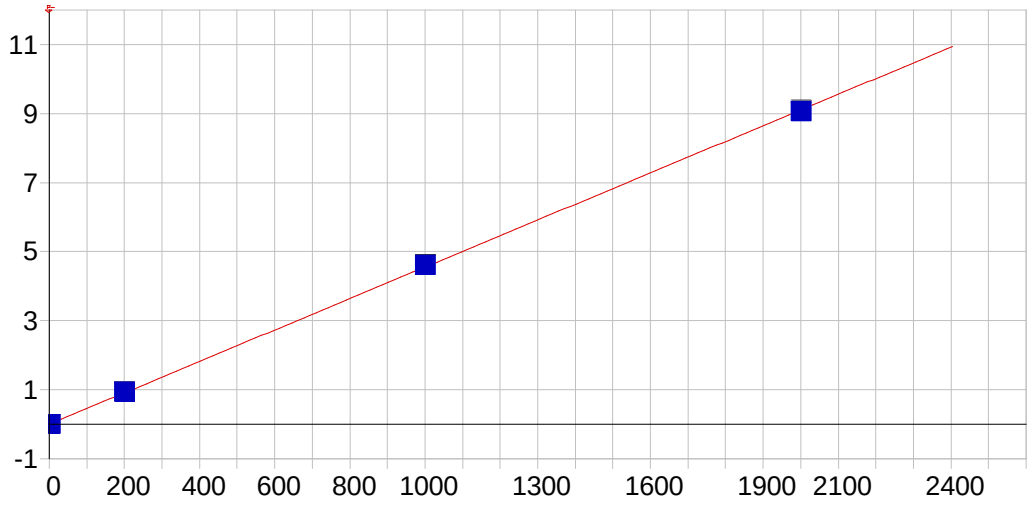


Ba 233.527 {445}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000105	Re-Slope:	1.000000
A1 (Gain):	0.002741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.004883		
Predicted MDL:	0.140339		
Predicted MQL:	0.467795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02079	-.021	.000	-.00016	.000	1
DCAL1	200.00	212.79	12.8	6.39	.58288	.001	1
DCAL2	2000.0	2071.3	71.3	3.57	5.6707	.016	1
DCAL3	10000.	10171.	171.	1.71	27.845	.022	1
DCAL4	20000.	19745.	-255.	-1.28	54.054	.016	1



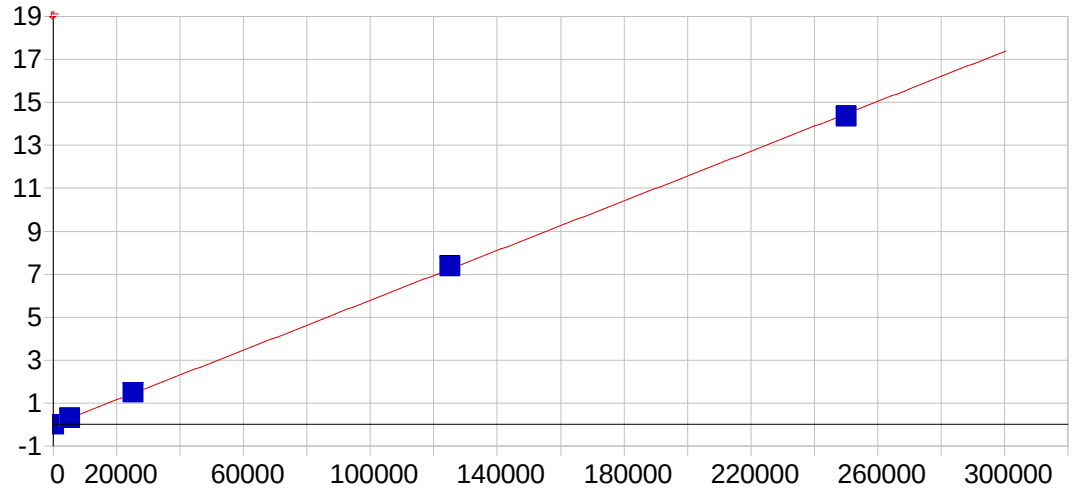
Be 313.042 {108}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000197	Re-Slope:	1.000000
A1 (Gain):	0.004552	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000113		
Predicted MDL:	0.143888		

Predicted MQL: 0.479628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00011	.000	.000	-.00020	.001	1
DCAL1	2.0000	2.0846	.085	4.23	.00934	.001	1
DCAL2	200.00	202.35	2.35	1.17	.92227	.003	1
DCAL3	1000.0	1009.3	9.30	.930	4.6011	.009	1
DCAL4	2000.0	1988.3	-11.7	-.587	9.0642	.023	1

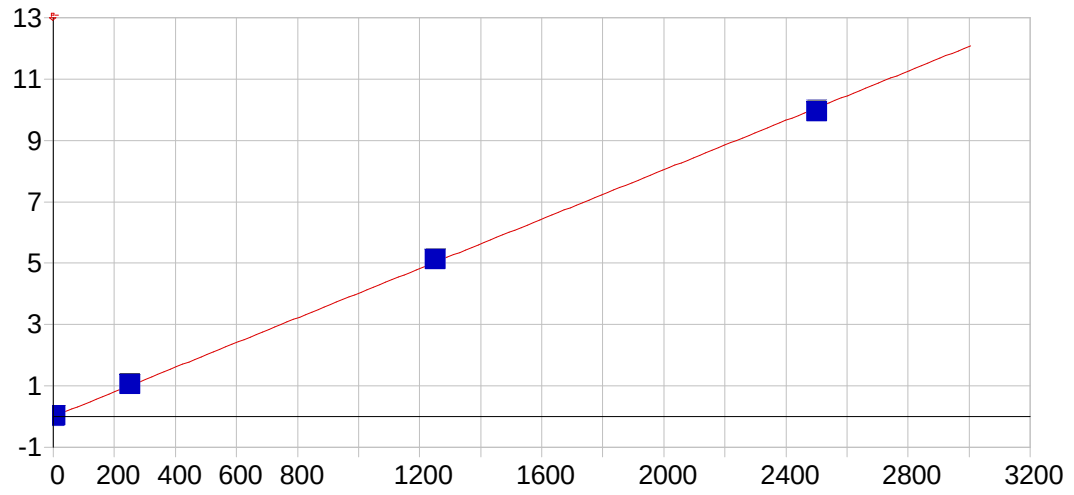


Ca 422.673 { 80}

Date of Fit: 6/25/2012 17:53:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006173 Re-Slope: 1.000000
A1 (Gain): 0.000058 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999908 Status: OK.
Std Error of Est: 0.001441
Predicted MDL: 16.457375
Predicted MQL: 54.857916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.25649	-.256	.000	-.00619	.000	1
DCAL1	5000.0	5143.8	144.	2.88	.29168	.000	1
DCAL2	25000.	25408.	408.	1.63	1.4651	.002	1
DCAL3	125000.	127100.	2100.	1.68	7.3536	.024	1
DCAL4	250000.	247350.	-2650.	-1.06	14.316	.032	1

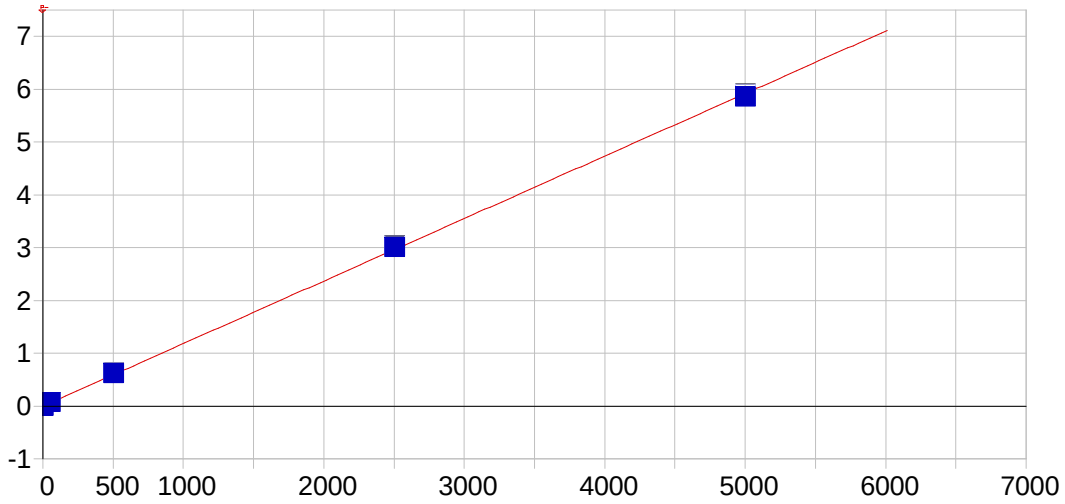


Cd 226.502 {449}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000525	Re-Slope:	1.000000
A1 (Gain):	0.004022	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.000338		
Predicted MDL:	0.112135		
Predicted MQL:	0.373782		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00048	.000	.000	-.00053	.000	1
DCAL1	4.0000	4.3063	.306	7.66	.01684	.000	1
DCAL2	250.00	259.64	9.64	3.86	1.0500	.003	1
DCAL3	1250.0	1269.7	19.7	1.58	5.1375	.001	1
DCAL4	2500.0	2470.3	-29.7	-1.19	9.9974	.004	1

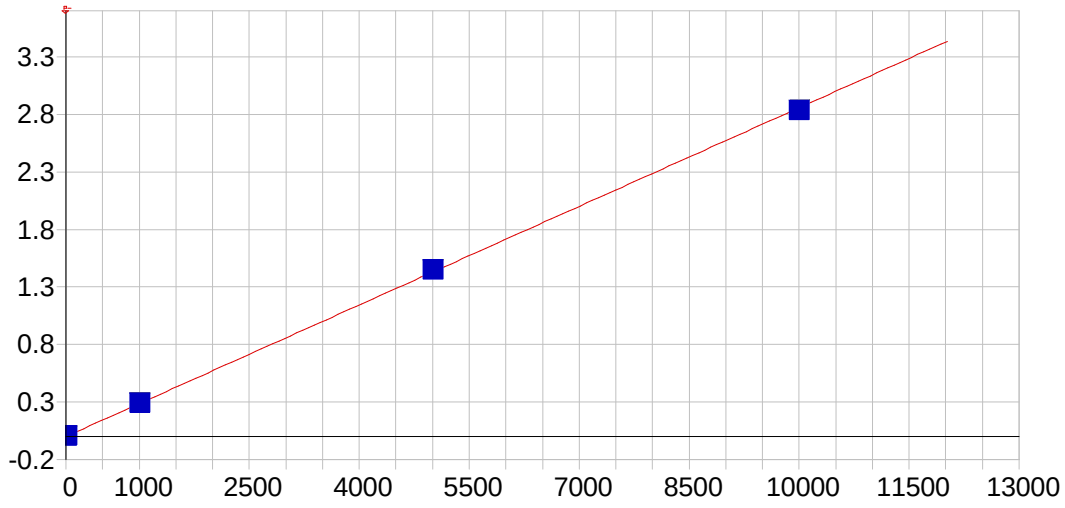


Co 228.616 {447}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000595	Re-Slope:	1.000000
A1 (Gain):	0.001184	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000513		
Predicted MDL:	0.326541		
Predicted MQL:	1.088469		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00582	-.006	.000	-.00060	.000	1
DCAL1	50.000	53.687	3.69	7.37	.06295	.000	1
DCAL2	500.00	520.25	20.2	4.05	.62031	.003	1
DCAL3	2500.0	2534.6	34.6	1.38	3.0251	.002	1
DCAL4	5000.0	4941.5	-58.5	-1.17	5.8995	.004	1

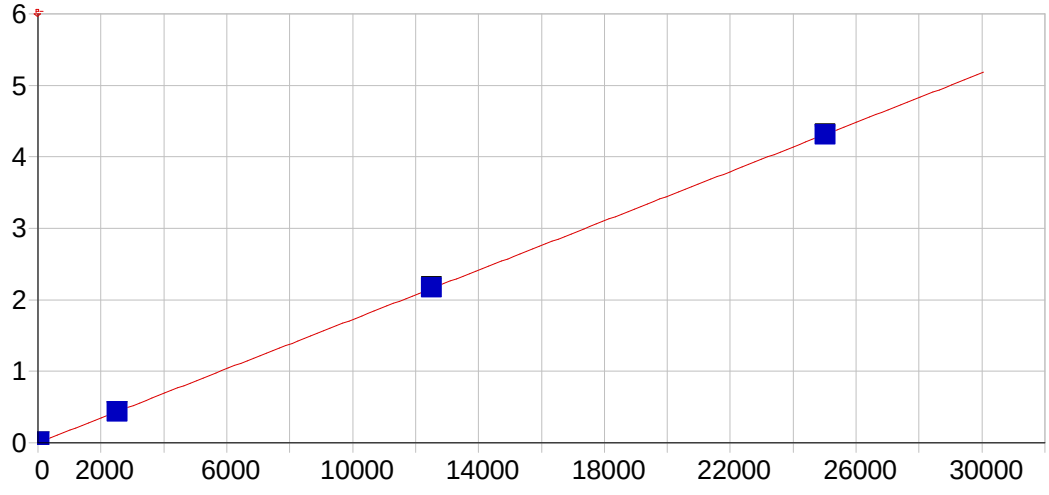


Cr 267.716 {126}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000146	Re-Slope:	1.000000
A1 (Gain):	0.000286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.492126		
Predicted MQL:	1.640420		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00058	-.001	.000	.00015	.000	1
DCAL1	10.000	10.376	.376	3.76	.00313	.000	1
DCAL2	1000.0	1015.4	15.4	1.54	.29036	.000	1
DCAL3	5000.0	5063.1	63.1	1.26	1.4472	.001	1
DCAL4	10000.	9921.0	-79.0	-.790	2.8356	.004	1



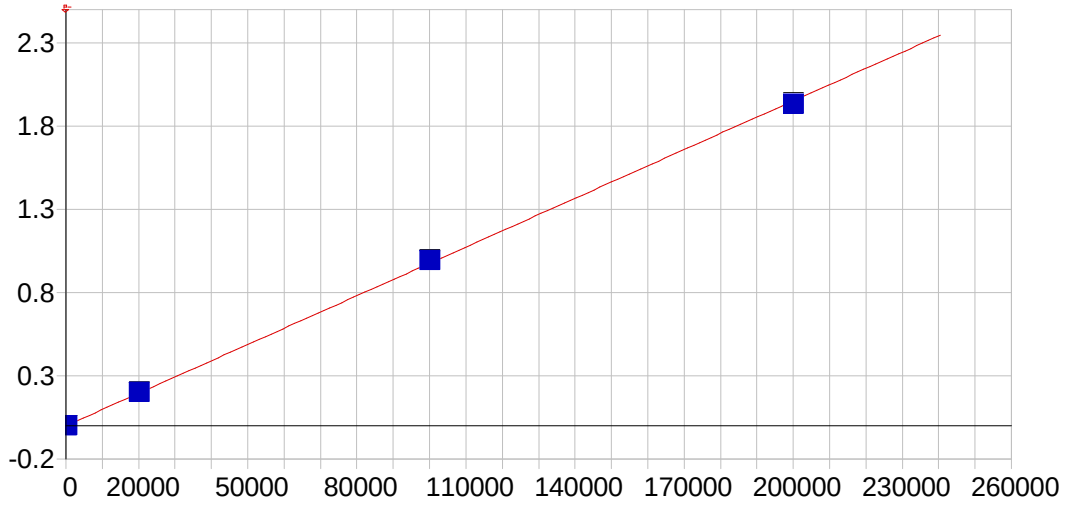
Cu 324.754 {104}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001591	Re-Slope:	1.000000
A1 (Gain):	0.000172	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	3.831029		

Predicted MQL: 12.770095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00357	-.004	.000	.00159	.000	1
DCAL1	25.000	28.640	3.64	14.6	.00652	.000	1
DCAL2	2500.0	2486.3	-13.7	-.550	.42966	.001	1
DCAL3	12500.	12557.	56.7	.454	2.1636	.008	1
DCAL4	25000.	24953.	-46.6	-.186	4.2980	.010	1

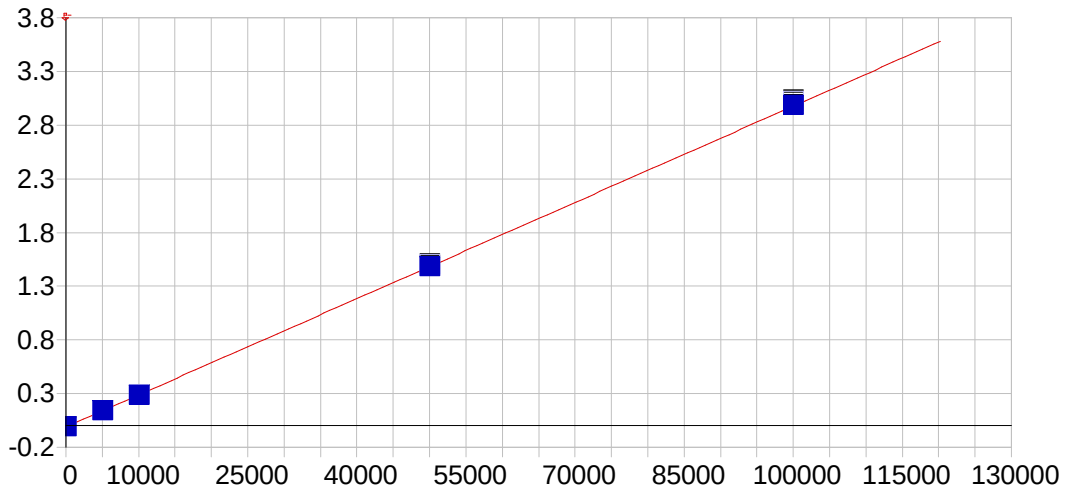


Fe 271.441 {124}

Date of Fit: 6/25/2012 17:53:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
A1 (Gain): 0.000010 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999902 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 13.429209
Predicted MQL: 44.764031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01155	-.012	.000	.00009	.000	1
DCAL1	150.00	156.58	6.58	4.39	.00166	.000	1
DCAL2	20000.	20563.	563.	2.82	.20123	.000	1
DCAL3	100000.	101560.	1560.	1.56	.99353	.002	1
DCAL4	200000.	197870.	-2130.	-1.07	1.9356	.003	1

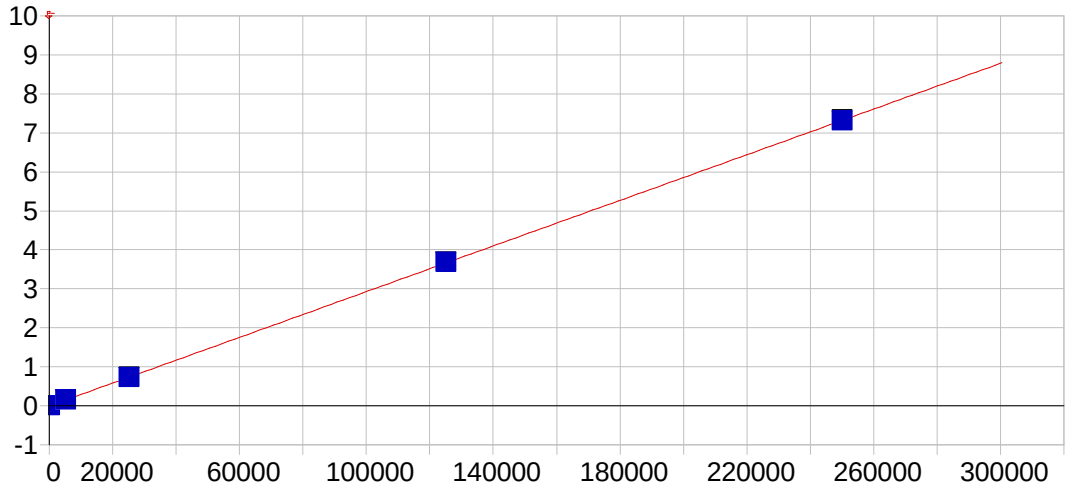


K 766.490 { 44}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.011213	Re-Slope:	1.000000
A1 (Gain):	0.000030	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	61.810924		
Predicted MQL:	206.036414		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.03462	.035	.000	-.01121	.002	1
DCAL1	5000.0	5053.2	53.2	1.06	.14034	.001	1
DCAL2	10000.	9819.5	-181.	-1.81	.28602	.002	1
DCAL3	50000.	49921.	-79.1	-.158	1.4995	.007	1
DCAL4	100000.	100210.	207.	.207	3.0212	.009	1

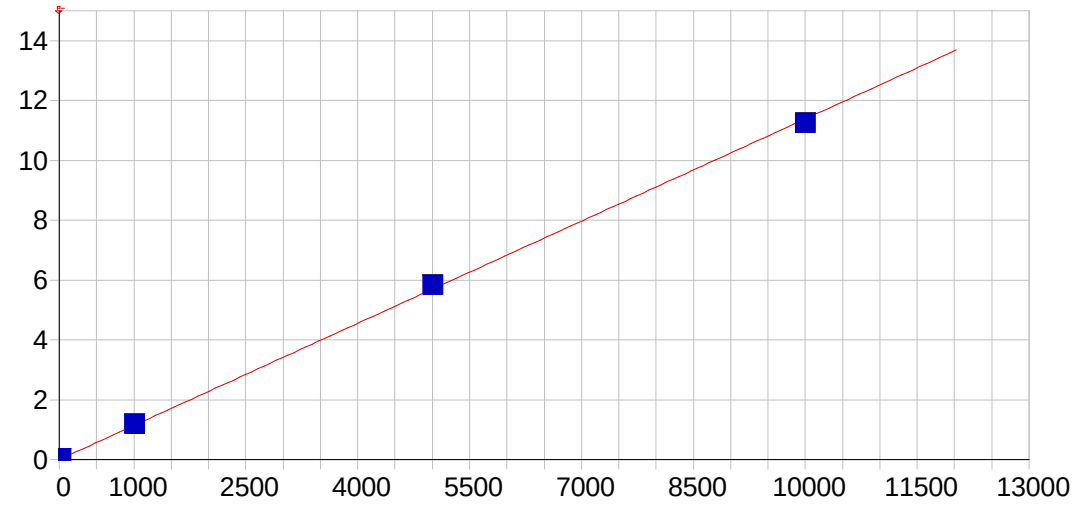


Mg 279.079 {121}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000108	Re-Slope:	1.000000
A1 (Gain):	0.000029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000241		
Predicted MDL:	4.742157		
Predicted MQL:	15.807191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.04711	-.047	.000	.00011	.000	1
DCAL1	5000.0	5079.7	79.7	1.59	.14880	.000	1
DCAL2	25000.	24754.	-246.	-.983	.72469	.001	1
DCAL3	125000.	125660.	662.	.530	3.6784	.006	1
DCAL4	250000.	249500.	-496.	-.198	7.3033	.013	1

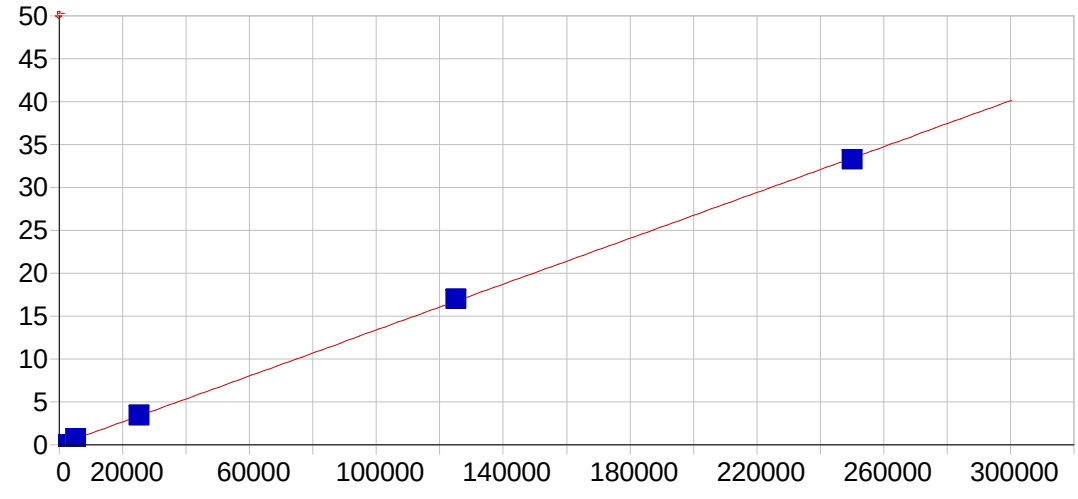


Mn 257.610 {131}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000053	Re-Slope:	1.000000
A1 (Gain):	0.001139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000421		
Predicted MDL:	0.113658		
Predicted MQL:	0.378859		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00183	-.002	.000	.00005	.000	1
DCAL1	15.000	16.285	1.29	8.57	.01860	.000	1
DCAL2	1000.0	1027.6	27.6	2.76	1.1702	.002	1
DCAL3	5000.0	5113.5	114.	2.27	5.8226	.011	1
DCAL4	10000.	9857.6	-142.	-1.42	11.224	.028	1



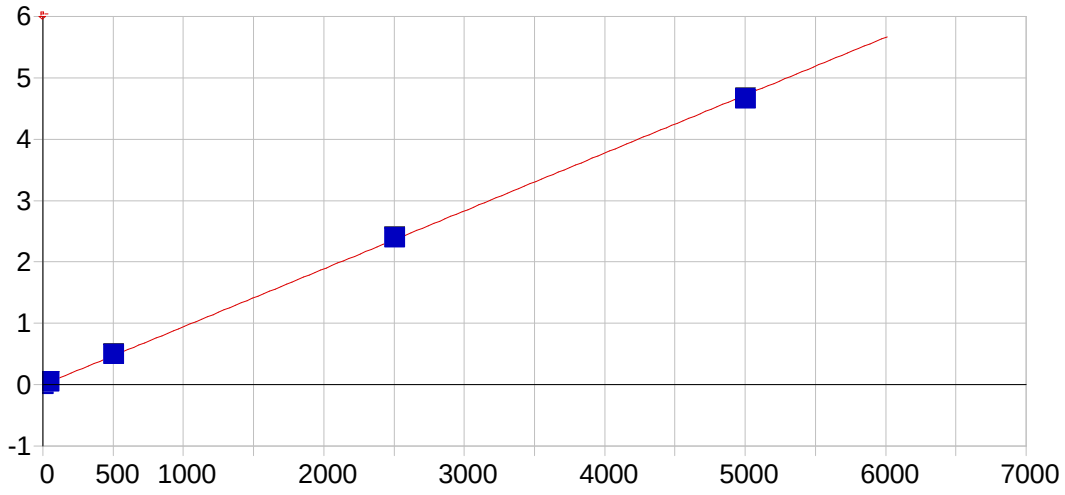
Na 589.592 { 57}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.013072	Re-Slope:	1.000000
A1 (Gain):	0.000134	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.002328		
Predicted MDL:	14.244346		

Predicted MQL: 47.481154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.22207	-.222	.000	.01304	.001	1
DCAL1	5000.0	5144.4	144.	2.89	.70056	.004	1
DCAL2	25000.	25293.	293.	1.17	3.3954	.001	1
DCAL3	125000.	126390.	1390.	1.11	16.915	.043	1
DCAL4	250000.	248170.	-1830.	-.731	33.201	.023	1

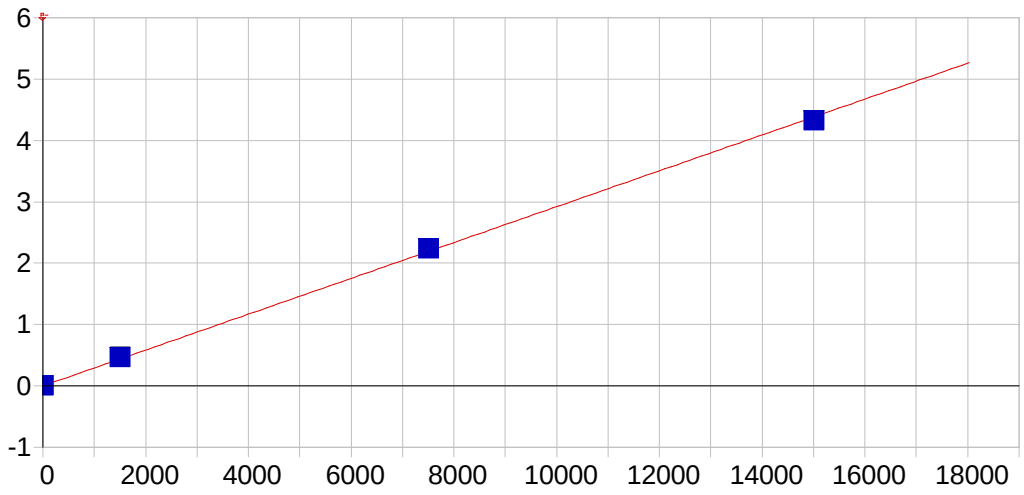


Ni 231.604 {446}

Date of Fit: 6/25/2012 17:53:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000305	Re-Slope:	1.000000
A1 (Gain):	0.000944	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000402		
Predicted MDL:	0.469067		
Predicted MQL:	1.563556		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00497	-.005	.000	-.00031	.000	1
DCAL1	40.000	43.031	3.03	7.58	.04033	.000	1
DCAL2	500.00	522.92	22.9	4.58	.49408	.002	1
DCAL3	2500.0	2538.9	38.9	1.56	2.4002	.002	1
DCAL4	5000.0	4935.1	-64.9	-1.30	4.6661	.002	1

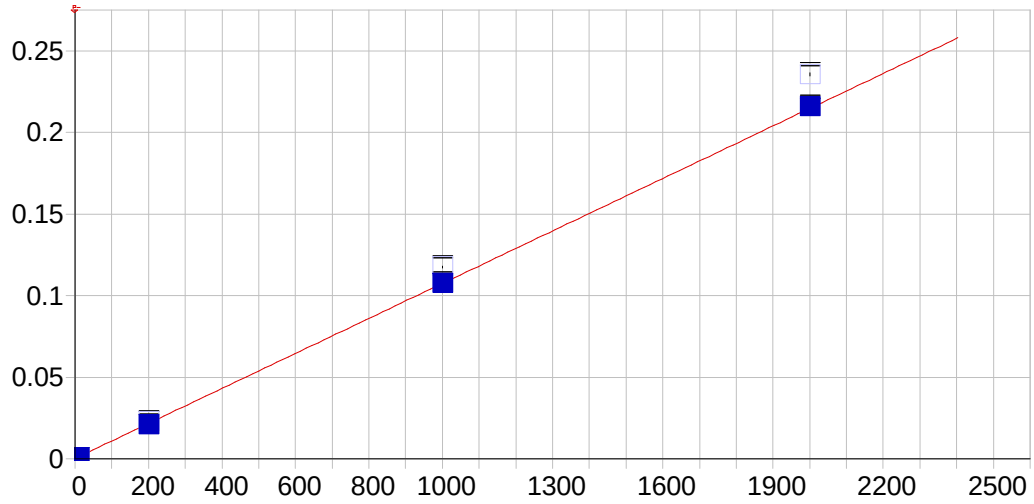


Pb 220.353 {453}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000003	Re-Slope:	1.000000
A1 (Gain):	0.000292	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999785	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	1.479672		
Predicted MQL:	4.932240		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00159	-.002	.000	.00000	.000	1
DCAL1	5.0000	6.3146	1.31	26.3	.00186	.001	1
DCAL2	1500.0	1577.7	77.7	5.18	.46016	.001	1
DCAL3	7500.0	7641.6	142.	1.89	2.2287	.002	1
DCAL4	15000.	14779.	-221.	-1.47	4.3102	.001	1

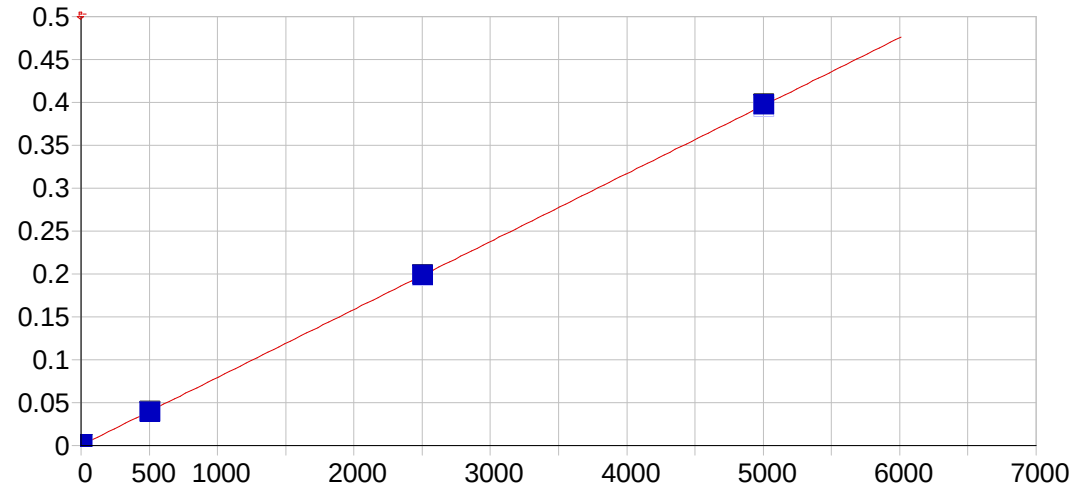


Sb 206.833 {463}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	0.000107	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999687	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	2.617494		
Predicted MQL:	8.724979		

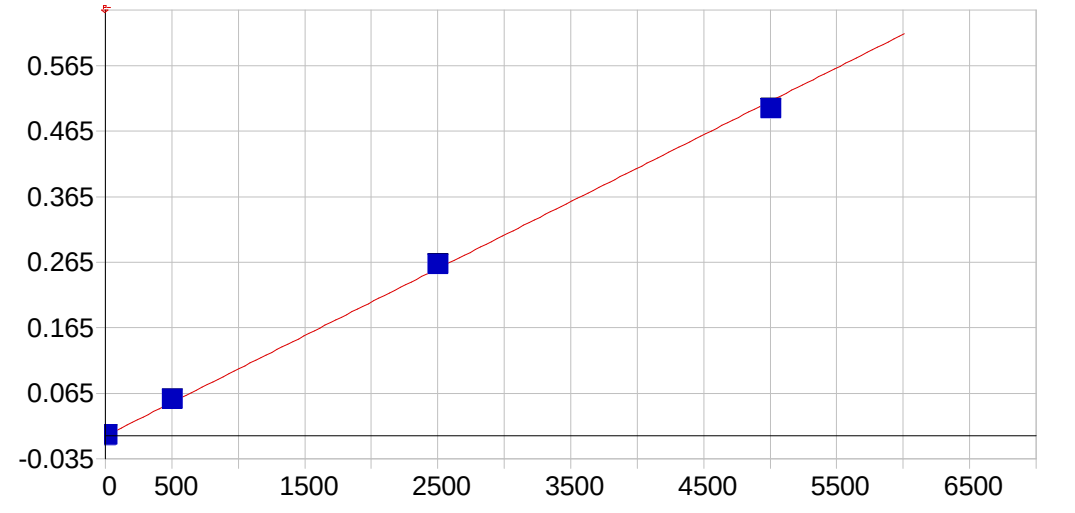
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00487	.005	.000	.00024	.000	1
DCAL1	10.000	5.4075	-4.59	-45.9	.00082	.000	1
DCAL2	200.00	193.07	-6.93	-3.46	.02292	.000	1
DCAL3	1000.0	1002.0	1.98	.198	.11759	.001	1
DCAL4	2000.0	2009.2	9.18	.459	.23551	.001	1



Se 196.090 {472}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000226		Re-Slope:	1.000000	
A1 (Gain):	0.000079		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999915		Status:	OK.	
Std Error of Est:	0.000008				
Predicted MDL:	3.227240				
Predicted MQL:	10.757468				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00250	.002	.000	.00023	.000	1
DCAL1	5.0000	2.5762	-2.42	-48.5	.00043	.000	1
DCAL2	500.00	491.43	-8.57	-1.71	.03885	.000	1
DCAL3	2500.0	2500.2	.195	.008	.19676	.000	1
DCAL4	5000.0	5010.8	10.8	.216	.39411	.000	1

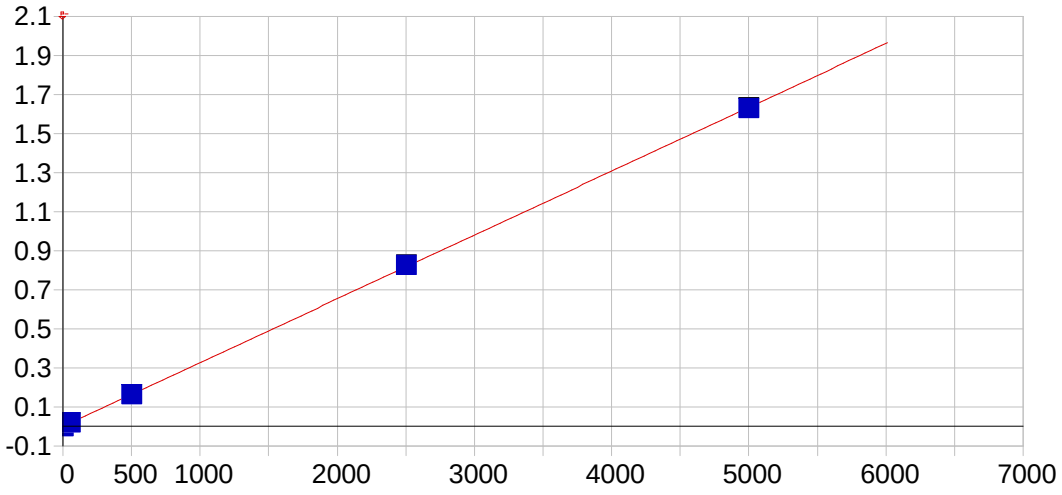


Tl 190.856 {477}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000159		Re-Slope:	1.000000	
A1 (Gain):	0.000102		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999444		Status:	OK.	
Std Error of Est:	0.000039				
Predicted MDL:	2.332949				

Predicted MQL: 7.776496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00352	-.004	.000	-.00016	.000	1
DCAL1	10.000	12.592	2.59	25.9	.00113	.000	1
DCAL2	500.00	544.96	45.0	8.99	.05544	.000	1
DCAL3	2500.0	2564.4	64.4	2.58	.26146	.000	1
DCAL4	5000.0	4888.1	-112.	-2.24	.49849	.000	1

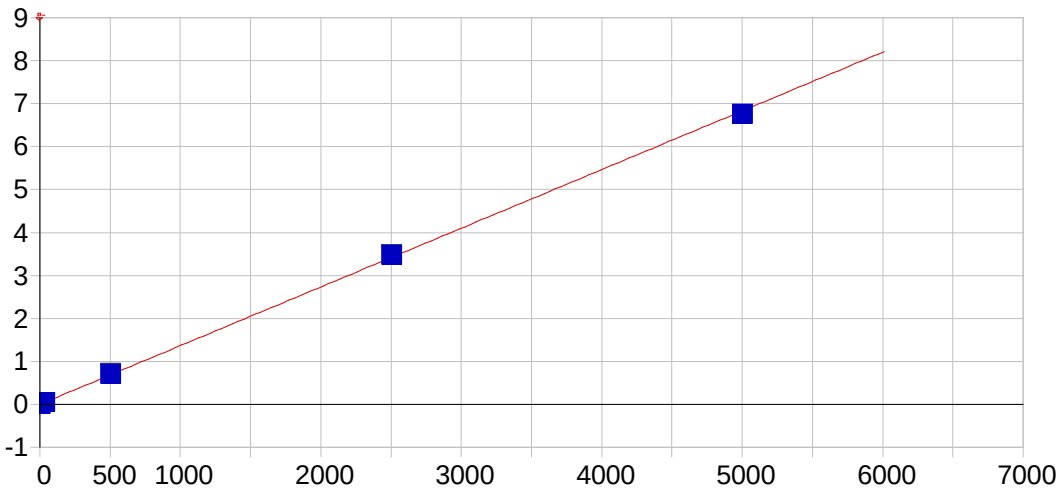


V 292.402 {115}

Date of Fit: 6/25/2012 17:53:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000
A1 (Gain): 0.000327 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999985 Status: OK.
Std Error of Est: 0.000046
Predicted MDL: 0.506419
Predicted MQL: 1.688063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00071	-.001	.000	-.00005	.000	1
DCAL1	50.000	50.587	.587	1.17	.01648	.000	1
DCAL2	500.00	499.24	-.758	-.152	.16327	.000	1
DCAL3	2500.0	2519.7	19.7	.789	.82423	.000	1
DCAL4	5000.0	4980.4	-19.6	-.391	1.6292	.002	1

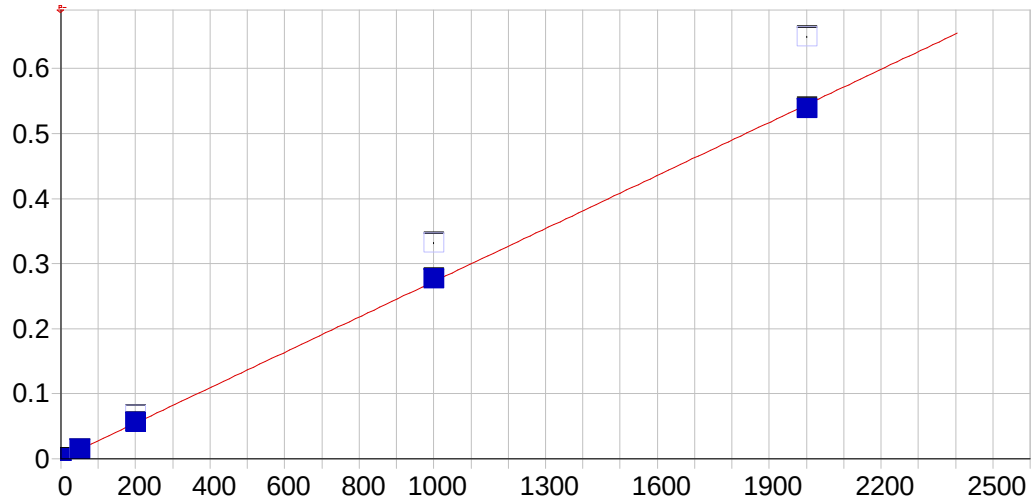


Zn 206.200 {463}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.001366	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999892	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.198234		
Predicted MQL:	0.660780		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00293	-.003	.000	.00004	.000	1
DCAL1	30.000	31.876	1.88	6.25	.04361	.000	1
DCAL2	500.00	515.72	15.7	3.14	.70569	.002	1
DCAL3	2500.0	2536.7	36.7	1.47	3.4710	.002	1
DCAL4	5000.0	4945.7	-54.3	-1.09	6.7676	.002	1

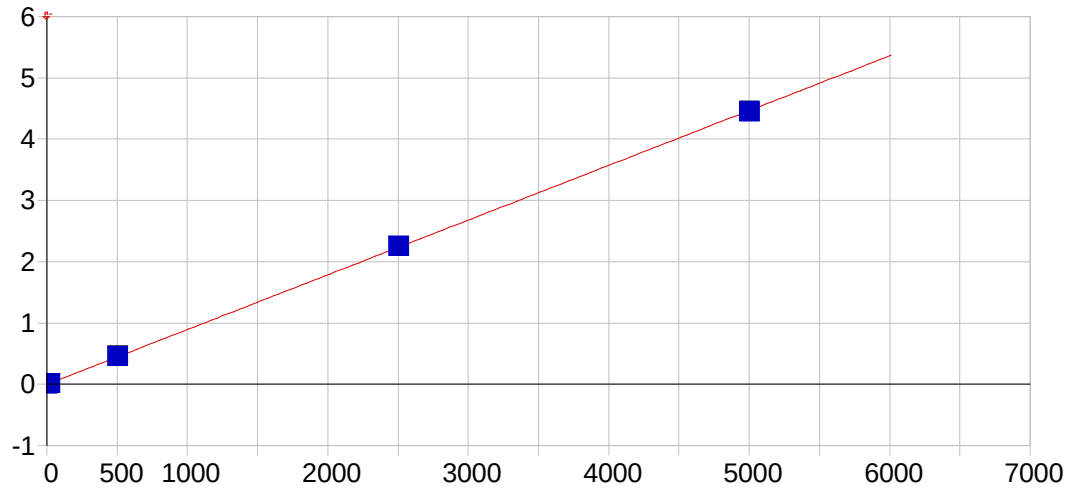


B 208.959 {461}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000483	Re-Slope:	1.000000
A1 (Gain):	0.000272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000058		
Predicted MDL:	0.975036		
Predicted MQL:	3.250121		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00199	-.002	.000	.00048	.000	1
DCAL1	50.000	50.771	.771	1.54	.01473	.000	1
DCAL2	200.00	203.70	3.70	1.85	.06688	.000	1
DCAL3	1000.0	1016.1	16.1	1.61	.33181	.001	1
DCAL4	2000.0	1979.6	-20.4	-1.02	.64886	.001	1

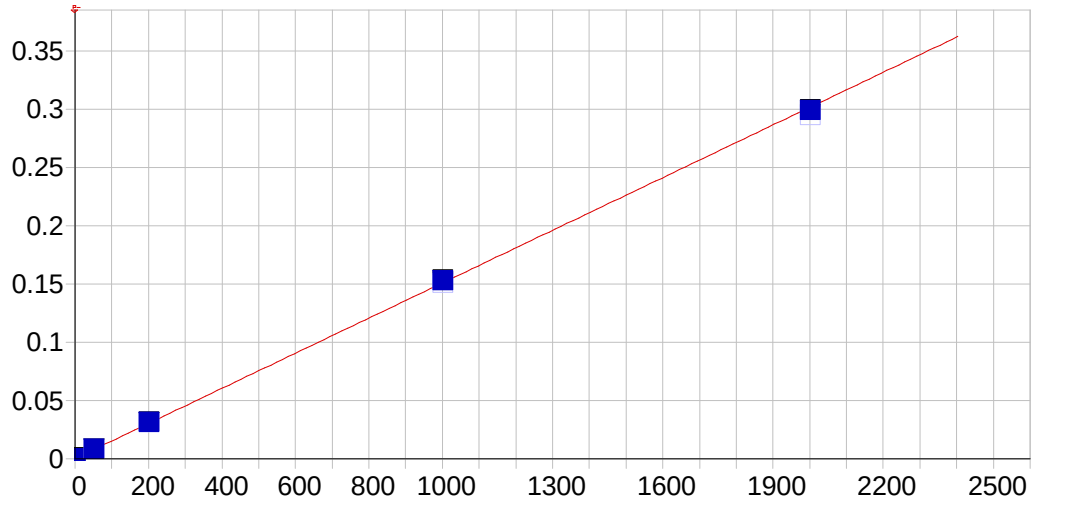


Mo 202.030 {467}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000480	Re-Slope:	1.000000
A1 (Gain):	0.000893	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000110		
Predicted MDL:	0.325527		
Predicted MQL:	1.085091		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00083	-.001	.000	-.00048	.000	1
DCAL1	20.000	20.582	.582	2.91	.01798	.000	1
DCAL2	500.00	504.39	4.39	.879	.45105	.001	1
DCAL3	2500.0	2524.2	24.2	.967	2.2591	.002	1
DCAL4	5000.0	4970.8	-29.2	-.583	4.4495	.004	1



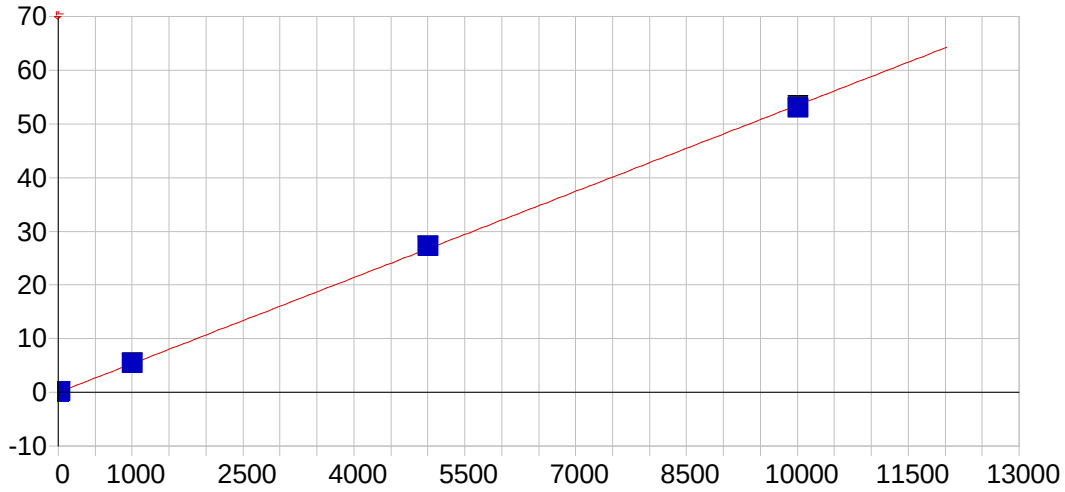
Sn 189.989 {477}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000214	Re-Slope:	1.000000
A1 (Gain):	0.000151	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999922	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	1.086616		

Predicted MQL: 3.622053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00323	-.003	.000	.00021	.000	1
DCAL1	50.000	51.893	1.89	3.79	.00803	.000	1
DCAL2	200.00	204.90	4.90	2.45	.03064	.000	1
DCAL3	1000.0	1011.5	11.5	1.15	.15039	.000	1
DCAL4	2000.0	1981.7	-18.3	-.916	.29434	.001	1

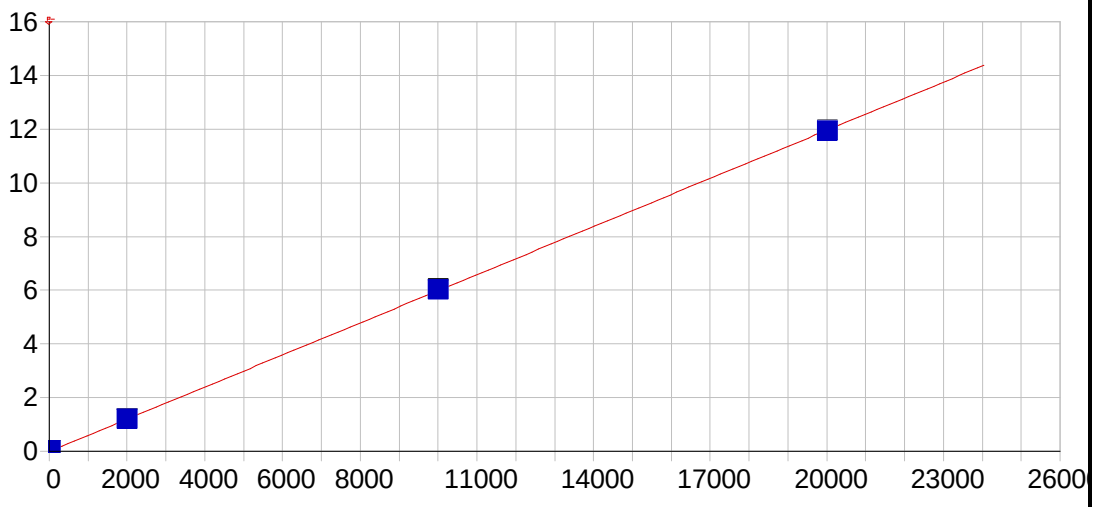


Sr 407.771 { 83}

Date of Fit: 6/25/2012 17:53:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001967 Re-Slope: 1.000000
A1 (Gain): 0.005346 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999932 Status: OK.
Std Error of Est: 0.001443
Predicted MDL: 0.161781
Predicted MQL: 0.539269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00086	-.001	.000	-.00197	.000	1
DCAL1	20.000	20.644	.644	3.22	.11013	.000	1
DCAL2	1000.0	1003.0	2.97	.297	5.3528	.003	1
DCAL3	5000.0	5083.6	83.6	1.67	27.140	.071	1
DCAL4	10000.	9912.8	-87.2	-.872	52.921	.366	1

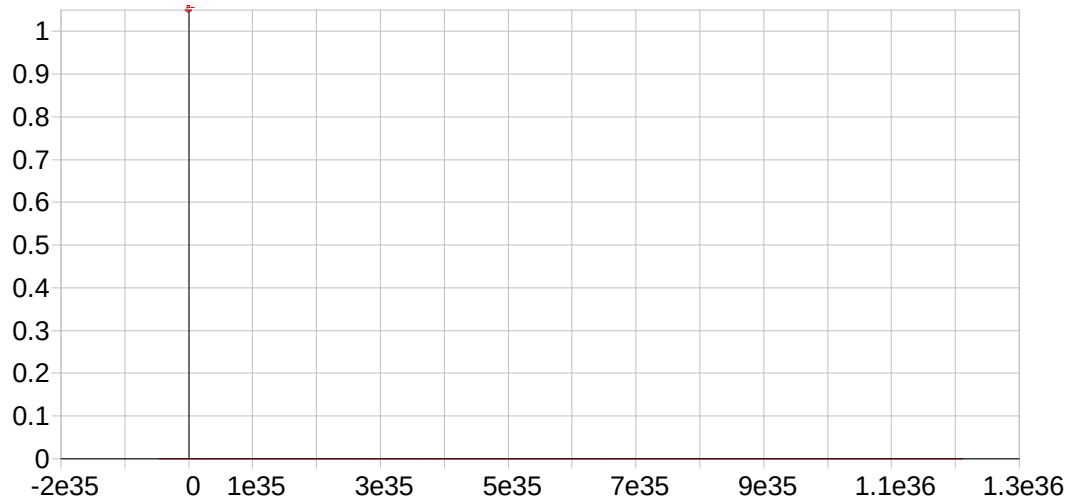


Ti 334.941 {101}

Date of Fit:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000580	Re-Slope:	1.000000
A1 (Gain):	0.000598	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	1.363961		
Predicted MQL:	4.546535		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00118	-.001	.000	.00058	.001	1
DCAL1	20.000	21.130	1.13	5.65	.01335	.001	1
DCAL2	2000.0	1999.7	-.339	-.017	1.1974	.003	1
DCAL3	10000.	10051.	51.2	.512	6.0163	.016	1
DCAL4	20000.	19948.	-52.0	-.260	11.940	.015	1

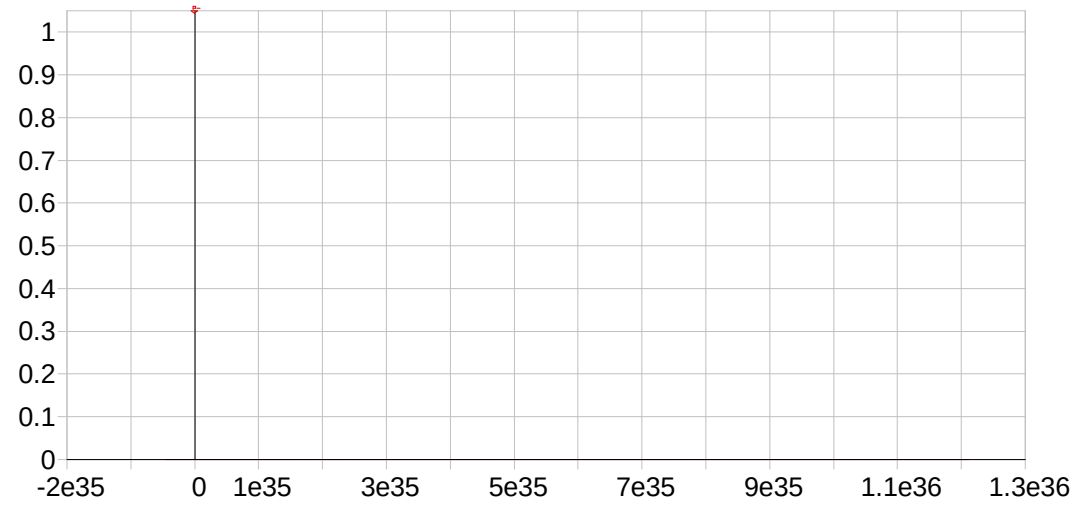


Y 224.306 {450}*

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		

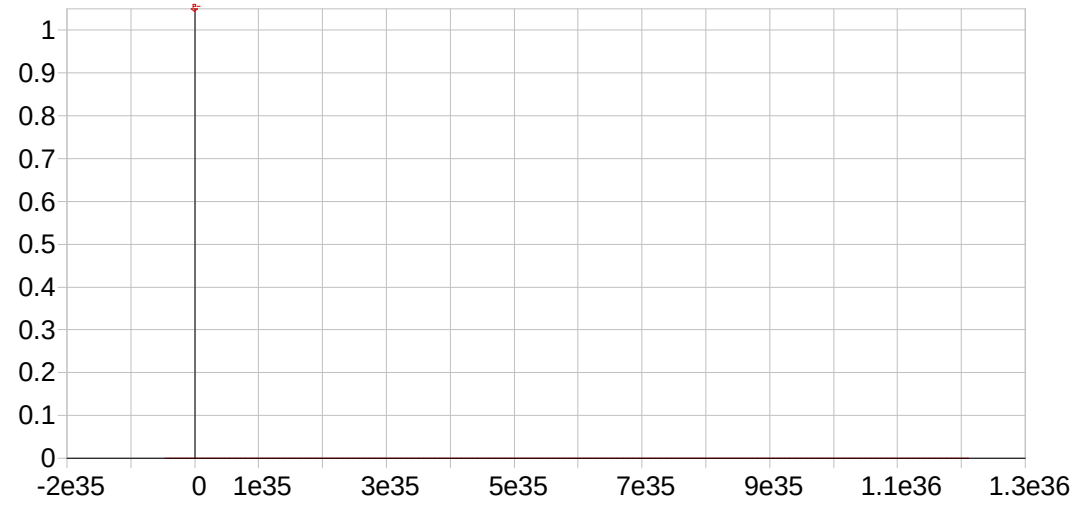
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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				

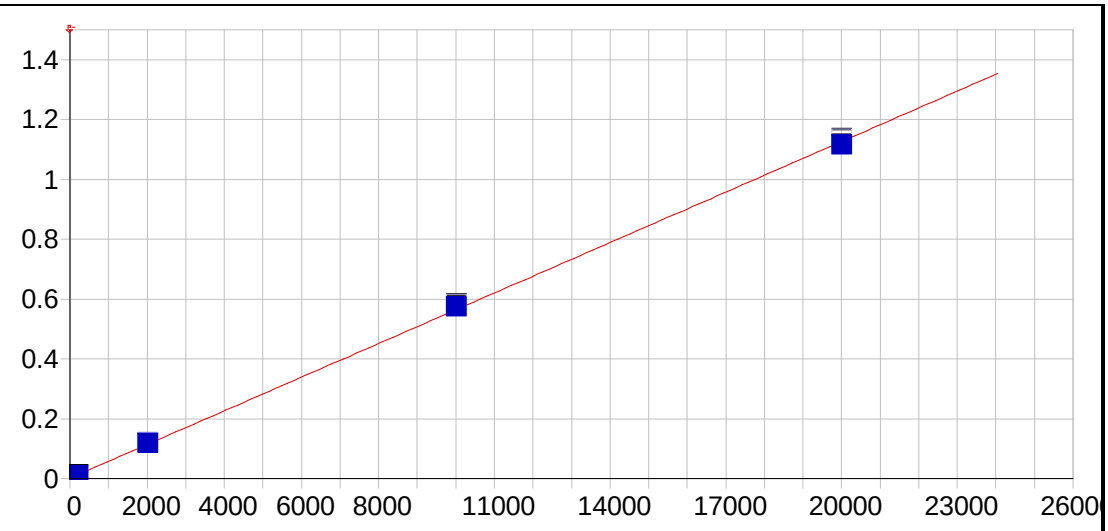
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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:	6/25/2012 17:53:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001416	Re-Slope:	1.000000
A1 (Gain):	0.000056	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	18.609946		
Predicted MQL:	62.033153		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01192	.012	.000	.00142	.001	1
DCAL1	200.00	180.49	-19.5	-9.76	.01161	.001	1
DCAL2	2000.0	2065.1	65.1	3.26	.11953	.001	1
DCAL3	10000.	10153.	153.	1.53	.58229	.003	1
DCAL4	20000.	19801.	-199.	-.996	1.1347	.002	1

Sample Name: CAL_BLK Acquired: 6/25/2012 17:35:21 Type: Cal
Method: SW84606112012(v13) 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	**-.0011**	**.0000**	**-.0011**	**-.0002**	**-.0002**	**-.0062**
Stddev	.0008	.000	.0003	.0003	.0011	.0004
%RSD	73.12	582.2	23.11	155.9	532.2	6.906
#1	-.0006	-.0002	-.0014	.0000	-.0007	-.0064
#2	-.0007	.0002	-.0012	-.0004	.0010	-.0057
#3	-.0021	-.0001	-.0009	-.0001	-.0009	-.0065

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	**-.0005**	**-.0006**	**.0001**	**.0016**	**.0001**	**-.0112**
Stddev	.0003	.0002	.0002	.0002	.0001	.0018
%RSD	53.17	27.80	103.6	12.18	163.3	16.32
#1	-.0002	-.0006	.0003	.0015	-.0001	-.0130
#2	-.0008	-.0008	.0001	.0015	.0001	-.0112
#3	-.0005	-.0004	.0001	.0018	.0002	-.0094

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	**.0001**	**.0001**	**.0130**	**-.0003**	**.0000**	**.0002**
Stddev	.0001	.0000	.0014	.0003	.000	.0002
%RSD	108.2	92.69	10.65	92.25	8147.	66.86
#1	.0000	.0001	.0126	-.0001	.0003	.0004
#2	.0001	.0001	.0119	-.0006	-.0001	.0003
#3	.0002	.0000	.0146	-.0002	-.0002	.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**	**-.0005**
Stddev	.0002	.0002	.0001	.0001	.0004	.0002
%RSD	78.08	136.1	148.3	261.4	75.46	32.28
#1	.0001	-.0003	.0000	.0001	.0008	-.0005
#2	.0004	.0001	-.0001	-.0001	.0006	-.0006
#3	.0001	-.0002	.0000	.0001	.0001	-.0003

Sample Name: CAL_BLK Acquired: 6/25/2012 17:35:21 Type: Cal
Method: SW84606112012(v13) 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	.0006	.0014
Stddev	.0001	.0004	.0005	.0005
%RSD	59.75	20.20	94.57	36.70
#1	.0001	-.0017	.0000	.0020
#2	.0003	-.0018	.0006	.0010
#3	.0003	-.0024	.0011	.0012

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	2334.0	26320.	4758.5
Stddev	2.8	37.	10.5
%RSD	.12033	.14157	.22139
#1	2334.6	26302.	4747.7
#2	2330.9	26295.	4759.1
#3	2336.4	26362.	4768.8

Sample Name: DCAL1 Acquired: 6/25/2012 17:39:05 Type: Cal
Method: SW84606112012(v13) 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	**.0090**	**.0001**	**.0027**	**.5829**	**.0093**	**.2917**
Stddev	.0003	.0001	.0001	.0008	.0007	.0004
%RSD	3.483	62.34	4.427	.1363	7.787	.1201
#1	.0087	.0002	.0027	.5833	.0102	.2913
#2	.0091	.0001	.0025	.5834	.0087	.2918
#3	.0093	.0001	.0028	.5820	.0091	.2919

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	**.0168**	**.0630**	**.0031**	**.0065**	**.0017**	**.1403**
Stddev	.0002	.0003	.0001	.0005	.0001	.0012
%RSD	1.080	.4156	3.262	7.050	6.665	.8771
#1	.0166	.0627	.0030	.0060	.0016	.1389
#2	.0170	.0630	.0032	.0066	.0018	.1412
#3	.0169	.0632	.0031	.0069	.0016	.1409

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	**.1488**	**.0186**	**.7006**	**.0403**	**.0019**	**.0008**
Stddev	.0005	.0001	.0036	.0000	.0006	.0001
%RSD	.3126	.7111	.5077	.0906	31.50	8.412
#1	.1493	.0187	.7008	.0404	.0016	.0008
#2	.1486	.0185	.7040	.0403	.0014	.0009
#3	.1485	.0185	.6969	.0403	.0025	.0008

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	**.0004**	**.0011**	**.0165**	**.0436**	**.0147**	**.0180**
Stddev	.0000	.0002	.0001	.0001	.0003	.0002
%RSD	11.34	20.24	.8511	.1425	1.710	1.063
#1	.0004	.0011	.0166	.0436	.0146	.0178
#2	.0004	.0009	.0164	.0435	.0150	.0182
#3	.0005	.0013	.0164	.0437	.0146	.0180

Sample Name: DCAL1 Acquired: 6/25/2012 17:39:05 Type: Cal
Method: SW84606112012(v13) 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	.0080	.1101	.0134	.0116
Stddev	.0000	.0004	.0010	.0007
%RSD	.5972	.3355	7.568	5.882
#1	.0080	.1105	.0125	.0117
#2	.0080	.1102	.0145	.0109
#3	.0081	.1097	.0131	.0123

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	2315.8	26207.	4771.5
Stddev	2.2	74.	6.3
%RSD	.09435	.28111	.13157
#1	2318.0	26132.	4776.2
#2	2313.6	26210.	4764.4
#3	2315.7	26280.	4774.0

Sample Name: DCAL2 Acquired: 6/25/2012 17:42:46 Type: Cal
Method: SW84606112012(v13) 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	**1.266**	**.0389**	**.0915**	**5.671**	**.9223**	**1.465**
Stddev	.002	.0003	.0001	.016	.0028	.002
%RSD	.1922	.7554	.0729	.2771	.3065	.1155
#1	1.267	.0391	.0914	5.688	.9232	1.463
#2	1.264	.0390	.0914	5.666	.9245	1.465
#3	1.269	.0386	.0915	5.658	.9191	1.467

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	**1.050**	**.6203**	**.2904**	**.4297**	**.2012**	**.2860**
Stddev	.003	.0027	.0005	.0009	.0004	.0016
%RSD	.3012	.4385	.1689	.2103	.1883	.5703
#1	1.054	.6233	.2909	.4288	.2016	.2842
#2	1.048	.6195	.2901	.4306	.2009	.2864
#3	1.048	.6181	.2901	.4297	.2012	.2875

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	**.7247**	**1.170**	**3.395**	**.4941**	**.4602**	**.0229**
Stddev	.0015	.002	.001	.0022	.0009	.0002
%RSD	.2006	.1764	.0311	.4422	.1996	.8804
#1	.7263	1.170	3.395	.4965	.4612	.0232
#2	.7244	1.168	3.395	.4936	.4598	.0228
#3	.7234	1.172	3.397	.4922	.4594	.0228

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	**.0389**	**.0554**	**.1633**	**.7057**	**.0669**	**.4511**
Stddev	.0004	.0002	.0004	.0023	.0003	.0014
%RSD	.9244	.3351	.2356	.3305	.4097	.3060
#1	.0392	.0556	.1633	.7084	.0671	.4526
#2	.0385	.0554	.1636	.7041	.0666	.4506
#3	.0389	.0553	.1628	.7047	.0670	.4500

Sample Name: DCAL2 Acquired: 6/25/2012 17:42:46 Type: Cal
Method: SW84606112012(v13) 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	.0306	5.353	1.197	.1195
Stddev	.0001	.003	.003	.0013
%RSD	.4760	.0628	.2562	1.066
#1	.0308	5.354	1.201	.1181
#2	.0305	5.349	1.195	.1200
#3	.0306	5.356	1.196	.1205

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	2279.5	25530.	4692.9
Stddev	4.2	9.	20.1
%RSD	.18491	.03717	.42776
#1	2281.1	25520.	4669.7
#2	2282.6	25534.	4703.4
#3	2274.7	25538.	4705.5

Sample Name: DCAL3 Acquired: 6/25/2012 17:46:14 Type: Cal
Method: SW84606112012(v13) 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	**6.332**	**.1999**	**.4765**	**27.84**	**4.601**	**7.354**
Stddev	.016	.0004	.0011	.02	.009	.024
%RSD	.2560	.1847	.2324	.0793	.1981	.3242
#1	6.313	.1997	.4760	27.87	4.591	7.328
#2	6.341	.1997	.4756	27.84	4.608	7.359
#3	6.342	.2004	.4777	27.83	4.604	7.375

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	**5.137**	**3.025**	**1.447**	**2.164**	**.9935**	**1.500**
Stddev	.001	.003	.001	.008	.0020	.007
%RSD	.0162	.0823	.0652	.3791	.2061	.4586
#1	5.137	3.027	1.446	2.155	.9913	1.492
#2	5.138	3.025	1.448	2.166	.9939	1.501
#3	5.137	3.023	1.448	2.170	.9954	1.506

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	**3.678**	**5.823**	**16.91**	**2.400**	**2.229**	**.1176**
Stddev	.006	.011	.04	.002	.002	.0006
%RSD	.1523	.1840	.2521	.0660	.0756	.5482
#1	3.672	5.812	16.87	2.401	2.227	.1179
#2	3.681	5.821	16.93	2.401	2.229	.1180
#3	3.682	5.834	16.94	2.398	2.230	.1169

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	**.1968**	**.2615**	**.8242**	**3.471**	**.3318**	**2.259**
Stddev	.0004	.0002	.0003	.002	.0009	.002
%RSD	.1808	.0937	.0333	.0584	.2681	.1006
#1	.1964	.2617	.8240	3.471	.3313	2.262
#2	.1971	.2613	.8245	3.469	.3313	2.257
#3	.1968	.2614	.8242	3.473	.3328	2.258

Sample Name: DCAL3 Acquired: 6/25/2012 17:46:14 Type: Cal
Method: SW84606112012(v13) 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	.1504	27.14	6.016	.5823
Stddev	.0004	.07	.016	.0028
%RSD	.2836	.2620	.2594	.4780
#1	.1500	27.06	5.998	.5799
#2	.1508	27.16	6.027	.5816
#3	.1503	27.20	6.024	.5853

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	2167.9	24147.	4662.8
Stddev	2.7	42.	4.2
%RSD	.12665	.17561	.09022
#1	2164.8	24175.	4658.7
#2	2168.8	24167.	4662.8
#3	2170.1	24098.	4667.1

Sample Name: DCAL4 Acquired: 6/25/2012 17:49:35 Type: Cal
Method: SW84606112012(v13) 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	**12.60**	**.4025**	**.9653**	**54.05**	**9.064**	**14.32**
Stddev	.02	.0005	.0006	.02	.023	.03
%RSD	.1514	.1252	.0667	.0290	.2568	.2259
#1	12.58	.4028	.9651	54.04	9.042	14.29
#2	12.60	.4027	.9661	54.07	9.061	14.31
#3	12.62	.4019	.9649	54.05	9.089	14.35

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	**9.997**	**5.900**	**2.836**	**4.298**	**1.936**	**3.021**
Stddev	.004	.004	.004	.010	.003	.009
%RSD	.0416	.0739	.1514	.2246	.1718	.3099
#1	9.993	5.900	2.840	4.287	1.936	3.010
#2	10.00	5.904	2.836	4.303	1.939	3.027
#3	9.997	5.895	2.831	4.304	1.932	3.026

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	**7.303**	**11.22**	**33.20**	**4.666**	**4.310**	**.2355**
Stddev	.013	.03	.02	.002	.001	.0009
%RSD	.1754	.2526	.0685	.0426	.0167	.4018
#1	7.311	11.21	33.20	4.664	4.309	.2365
#2	7.311	11.26	33.18	4.668	4.311	.2346
#3	7.289	11.21	33.22	4.666	4.310	.2354

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	**.3941**	**.4985**	**1.629**	**6.768**	**.6489**	**4.450**
Stddev	.0003	.0002	.002	.002	.0011	.004
%RSD	.0823	.0431	.1073	.0326	.1694	.0961
#1	.3940	.4984	1.631	6.769	.6476	4.451
#2	.3945	.4987	1.630	6.768	.6496	4.453
#3	.3939	.4983	1.627	6.765	.6494	4.445

Sample Name: DCAL4 Acquired: 6/25/2012 17:49:35 Type: Cal
Method: SW84606112012(v13) 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	.2943	52.92	11.94	1.135
Stddev	.0006	.37	.02	.002
%RSD	.1871	.6919	.1263	.1505
#1	.2949	52.53	11.92	1.134
#2	.2938	53.26	11.94	1.134
#3	.2943	52.97	11.95	1.137

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	2079.6	23194.	4593.5
Stddev	3.3	69.	7.7
%RSD	.15804	.29618	.16674
#1	2077.6	23183.	4594.1
#2	2083.4	23132.	4600.8
#3	2077.7	23268.	4585.5

Sample Name: ICV Acquired: 6/25/2012 17:53:13 Type: QC
Method: SW84606112012(v13) 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.**	**2457.**	**1227.**	**9992.**	**985.5**	**123400.**
Stddev	46.	4.	1.	22.	.6	131.
%RSD	.0370	.1809	.1030	.2194	.0560	.1059
#1	122900.	2452.	1227.	10020.	985.0	123400.
#2	122900.	2460.	1228.	9982.	986.1	123300.
#3	122900.	2460.	1225.	9977.	985.4	123600.
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	**1252.**	**2475.**	**4984.**	**12280.**	**99040.**	**48730.**
Stddev	2.	5.	4.	14.	96.	90.
%RSD	.1789	.2034	.0865	.1131	.0971	.1854
#1	1255.	2481.	4989.	12270.	99150.	48660.
#2	1252.	2471.	4980.	12280.	99030.	48690.
#3	1251.	2473.	4983.	12300.	98950.	48830.
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.**	**5039.**	**121900.**	**2505.**	**7515.**	**997.4**
Stddev	75.	9.	158.	4.	13.	2.9
%RSD	.0615	.1728	.1295	.1750	.1698	.2925
#1	122200.	5049.	121900.	2510.	7530.	1001.
#2	122100.	5036.	121800.	2502.	7505.	995.6
#3	122100.	5032.	122100.	2503.	7511.	995.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 6/25/2012 17:53:13 Type: QC
Method: SW84606112012(v13) 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.**	**2535.**	**2457.**	**2465.**	**1004.**	**2503.**
Stddev	6.	8.	5.	7.	3.	5.
%RSD	.2465	.3262	.1993	.2858	.2933	.1805
#1	2433.	2541.	2459.	2473.	1007.	2507.
#2	2421.	2539.	2461.	2462.	1004.	2503.
#3	2428.	2526.	2452.	2460.	1001.	2498.
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**	**4988.**	**9875.**	**9944.**
Stddev	1.3	2.	7.	38.
%RSD	.1311	.0459	.0672	.3847
#1	992.4	4988.	9867.	9930.
#2	992.2	4985.	9878.	9914.
#3	990.1	4990.	9879.	9987.
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	**2175.7**	**24187.**	**4689.4**
Stddev	7.4	39.	11.2
%RSD	.34077	.15939	.23949
#1	2167.3	24181.	4678.0
#2	2181.0	24229.	4700.5
#3	2178.9	24152.	4689.5

Sample Name: CCB Acquired: 6/25/2012 17:56:34 Type: QC
Method: SW84606112012(v13) 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	**21.40**	**.9180**	**-.4282**	**.6140**	**.2279**	**8.906**
Stddev	22.22	.2637	.3895	.2467	.1290	23.47
%RSD	103.8	28.73	90.97	40.18	56.62	263.5
#1	45.58	.7559	-.2123	.8953	.3735	33.08
#2	1.891	.7759	-.8779	.5128	.1825	-13.78
#3	16.72	1.222	-.1944	.4341	.1277	7.414
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	**.1178**	**.4102**	**.0477**	**4.197**	**21.66**	**174.5**
Stddev	.0841	.1304	.5404	2.280	4.69	86.9
%RSD	71.40	31.80	1133.	54.31	21.66	49.77
#1	.2072	.5514	.5274	5.289	26.88	252.8
#2	.0402	.3849	.1535	5.725	17.78	81.08
#3	.1061	.2943	-.5378	1.577	20.34	189.6
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	**8.615**	**.4337**	**30.58**	**-.1131**	**.8320**	**1.469**
Stddev	12.06	.3388	31.19	.3367	.1245	3.957
%RSD	139.9	78.12	102.0	297.6	14.96	269.3
#1	21.73	.8249	62.65	.2520	.9396	-2.982
#2	6.116	.2355	28.71	-.4112	.8608	2.802
#3	-1.996	.2407	.3609	-.1801	.6957	4.587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 17:56:34 Type: QC
Method: SW84606112012(v13) 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	**-.4735**	**-1.094**	**.2530**	**.2142**	**2.844**	**3.722**
Stddev	1.148	1.663	.2476	.1216	.715	.316
%RSD	242.4	152.0	97.89	56.74	25.15	8.477
#1	-1.023	-1.961	.4858	.3510	3.494	3.582
#2	-1.243	.8233	.2804	.1731	2.077	4.083
#3	.8457	-2.145	-.0072	.1185	2.959	3.500
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	**-.9405**	**.6943**	**1.373**	**8.215**
Stddev	.6070	.5587	1.142	.977
%RSD	64.54	80.48	83.19	11.89
#1	-1.496	1.331	2.506	9.134
#2	-.2928	.4634	1.390	8.321
#3	-1.032	.2880	.2224	7.190
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	**2326.7**	**26456.**	**4751.0**
Stddev	5.4	92.	26.1
%RSD	.23407	.34913	.54898
#1	2328.7	26532.	4737.9
#2	2330.9	26482.	4781.1
#3	2320.6	26353.	4734.2

Sample Name: ICSA 1552029 Acquired: 6/25/2012 18:00:19 Type: QC
Method: SW84606112012(v13) 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	**496500.**	**-2.025**	**-2.946**	**2.547**	**-.0955**	**469300.**
Stddev	2099.	2.462	.609	.233	.1366	1828.
%RSD	.4228	121.6	20.68	9.132	143.0	.3895
#1	496200.	-1.231	-3.648	2.392	-.2524	468700.
#2	498700.	-4.787	-2.567	2.814	-.0315	471400.
#3	494500.	-.0584	-2.621	2.434	-.0027	467900.
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	**-1.394**	**-.2123**	**.0364**	**1.622**	**194600.**	**-137.1**
Stddev	.245	.2206	.3834	1.534	651.	33.4
%RSD	17.57	103.9	1054.	94.52	.3343	24.38
#1	-1.539	-.1127	-.3405	-.1121	195300.	-125.7
#2	-1.531	-.0591	.4259	2.181	194400.	-110.9
#3	-1.111	-.4652	.0237	2.798	194000.	-174.7
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	**500200.**	**-3.091**	**-71.92**	**.1566**	**1.062**	**-4.639**
Stddev	2914.	.137	23.52	.3967	.341	1.303
%RSD	.5824	4.432	32.71	253.2	32.06	28.08
#1	500800.	-3.075	-97.16	-.1733	.9199	-3.142
#2	502900.	-3.235	-50.60	.5968	.8158	-5.517
#3	497100.	-2.963	-68.01	.0465	1.451	-5.259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 6/25/2012 18:00:19 Type: QC
Method: SW84606112012(v13) 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	F **-14.16**	**-.8918**	**-3.477**	**-2.282**	**2.570**	**-1.371**
Stddev	5.89	3.657	.105	.217	.686	.410
%RSD	41.62	410.0	3.020	9.493	26.70	29.94
#1	-8.285	-4.101	-3.483	-2.059	2.276	-1.594
#2	-14.13	-1.663	-3.579	-2.296	2.080	-.8972
#3	-20.07	3.089	-3.369	-2.492	3.355	-1.622
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	10.00					
Low Limit	-10.00					

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	**.8609**	**-.2045**	**-1.901**	**14.57**
Stddev	1.464	.1604	1.250	8.74
%RSD	170.1	78.42	65.76	59.97
#1	-.0396	-.0224	-.6704	4.742
#2	.0715	-.3247	-3.169	17.51
#3	2.551	-.2665	-1.862	21.46
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	**2102.4**	**23043.**	**4645.5**
Stddev	3.4	87.	8.9
%RSD	.16111	.37638	.19235
#1	2100.2	22958.	4655.7
#2	2100.8	23131.	4641.8
#3	2106.3	23039.	4639.1

Sample Name: ICSAB 1552027 Acquired: 6/25/2012 18:04:07 Type: QC
Method: SW84606112012(v13) 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	**496500.**	**95.56**	**101.4**	**100.8**	**96.40**	**469300.**
Stddev	2474.	1.75	.3	.4	.82	1813.
%RSD	.4982	1.836	.2519	.4026	.8517	.3862
#1	495400.	93.56	101.3	101.0	96.03	468500.
#2	499400.	96.26	101.3	101.1	97.35	471400.
#3	494800.	96.86	101.7	100.4	95.84	468100.
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	**93.56**	**94.01**	**95.79**	**97.76**	**194300.**	**10120.**
Stddev	.47	.42	.79	.60	97.	83.
%RSD	.4998	.4435	.8227	.6149	.0498	.8235
#1	93.84	93.85	96.37	98.24	194200.	10050.
#2	93.82	93.69	96.10	97.95	194400.	10210.
#3	93.02	94.48	94.89	97.08	194300.	10110.
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	**498500.**	**95.78**	**10390.**	**93.49**	**94.67**	**90.59**
Stddev	4516.	.19	79.	1.24	1.62	5.00
%RSD	.9060	.1982	.7614	1.326	1.709	5.524
#1	493900.	95.68	10360.	93.44	94.96	95.47
#2	498700.	95.66	10480.	94.75	92.93	90.84
#3	502900.	96.00	10320.	92.28	96.13	85.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1552027 Acquired: 6/25/2012 18:04:07 Type: QC
Method: SW84606112012(v13) 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	**85.13**	**91.80**	**93.96**	**93.09**	**97.89**	**93.26**
Stddev	1.71	3.36	.25	.32	2.16	.30
%RSD	2.011	3.663	.2643	.3386	2.210	.3211
#1	84.78	94.36	93.68	93.13	99.95	93.60
#2	83.62	93.06	94.06	93.39	95.64	93.06
#3	86.99	87.99	94.15	92.76	98.10	93.10
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	**97.06**	**101.0**	**95.48**	**61.64**
Stddev	1.56	.7	1.36	9.64
%RSD	1.612	.6581	1.427	15.64
#1	95.77	100.5	94.05	69.55
#2	98.80	101.7	96.77	50.91
#3	96.62	100.7	95.63	64.47
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	**2098.1**	**23065.**	**4625.7**
Stddev	1.4	104.	6.1
%RSD	.06783	.45275	.13159
#1	2099.6	23093.	4620.9
#2	2097.9	23153.	4623.7
#3	2096.7	22949.	4632.6

Sample Name: INT-10 1552031 Acquired: 6/25/2012 18:07:45 Type: QC
Method: SW84606112012(v13) 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	**41.88**	**-3.382**	**3.608**	**-.9824**	**-.3279**	**84.75**
Stddev	50.86	.469	.532	.1201	.1137	57.14
%RSD	121.5	13.85	14.74	12.22	34.69	67.43
#1	94.40	-3.837	4.049	-.8471	-.3015	149.9
#2	38.37	-2.901	3.757	-1.024	-.2297	61.38
#3	-7.145	-3.408	3.017	-1.076	-.4525	42.99
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	**-.3071**	**10160.**	**9946.**	**-2.983**	**12.93**	**136.1**
Stddev	.0778	37.	25.	4.930	13.94	15.2
%RSD	25.35	.3675	.2550	165.3	107.8	11.14
#1	-.2695	10190.	9964.	-3.444	29.03	145.9
#2	-.3965	10170.	9958.	2.162	5.225	143.8
#3	-.2551	10120.	9917.	-7.666	4.545	118.7
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	**79.74**	**10060.**	**42.62**	**10320.**	**-4.623**	**-4.046**
Stddev	35.24	21.	25.23	42.	1.319	2.226
%RSD	44.20	.2064	59.20	.4057	28.53	55.02
#1	118.5	10060.	66.72	10350.	-4.355	-6.086
#2	70.98	10040.	44.74	10330.	-6.055	-1.672
#3	49.71	10080.	16.40	10270.	-3.458	-4.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1552031 Acquired: 6/25/2012 18:07:45 Type: QC
Method: SW84606112012(v13) 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	**-8.747**	**-7.171**	**4875.**	**-5.184**	**1.229**	**5059.**
Stddev	2.181	.469	8.	.178	.182	16.
%RSD	24.93	6.545	.1595	3.436	14.79	.3232
#1	-10.32	-7.139	4882.	-5.163	1.359	5068.
#2	-6.257	-6.719	4874.	-5.017	1.307	5069.
#3	-9.668	-7.656	4867.	-5.371	1.021	5040.
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	**10170.**	**9800.**	**9763.**	**10390.**
Stddev	43.	48.	23.	312.
%RSD	.4197	.4929	.2369	3.005
#1	10200.	9796.	9779.	10070.
#2	10180.	9851.	9773.	10400.
#3	10120.	9754.	9736.	10690.
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	**2329.9**	**26524.**	**4786.9**
Stddev	4.6	21.	5.8
%RSD	.19546	.07944	.12141
#1	2330.1	26547.	4782.9
#2	2334.3	26505.	4793.5
#3	2325.2	26521.	4784.1

Sample Name: 460-41457-d-1-c du Acquired: 6/25/2012 18:11:36 Type: Unk
Method: SW84606112012(v13) 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	**47.14**	**-.3731**	**-.6286**	**10.70**	**.0394**	**11100.**
Stddev	12.31	.2533	.1937	.07	.1438	16.
%RSD	26.12	67.89	30.81	.6335	365.3	.1444
#1	39.83	-.6562	-.4385	10.75	.0547	11080.
#2	40.22	-.1678	-.8256	10.73	.1750	11110.
#3	61.35	-.2954	-.6216	10.63	-.1115	11110.
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	**-.0225**	**.7116**	**.3778**	**5.760**	**6.312**	**15170.**
Stddev	.1423	.4295	1.006	2.100	10.42	41.
%RSD	631.8	60.35	266.3	36.46	165.0	.2714
#1	.1291	1.105	1.524	4.250	13.58	15120.
#2	-.1532	.7760	-.0345	4.872	10.98	15190.
#3	-.0434	.2536	-.3566	8.159	-5.623	15200.
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	**3494.**	**608.2**	**14430.**	**.9939**	**.6684**	**-1.885**
Stddev	6.	1.9	33.	.4630	.1796	1.596
%RSD	.1799	.3195	.2269	46.58	26.87	84.66
#1	3492.	609.8	14420.	1.512	.5944	-1.607
#2	3501.	608.7	14460.	.8503	.8732	-3.601
#3	3489.	606.1	14400.	.6197	.5376	-.4465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-d-1-c du Acquired: 6/25/2012 18:11:36 Type: Unk
Method: SW84606112012(v13) 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	**-1.853**	**-2.046**	**.5193**	**.9759**	**25.46**	**44.21**
Stddev	2.178	1.109	.6079	.2183	.18	1.95
%RSD	117.5	54.19	117.1	22.37	.7216	4.399
#1	-3.415	-2.385	1.062	.9757	25.38	46.17
#2	-2.778	-.8079	.6328	1.194	25.33	44.19
#3	.6346	-2.947	-.1374	.7576	25.67	42.28
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	**1.609**	**60.00**	**1.142**	**208.8**
Stddev	1.196	1.05	1.288	4.8
%RSD	74.37	1.745	112.8	2.322
#1	2.925	61.14	.3922	207.9
#2	1.314	59.80	.4046	214.1
#3	.5874	59.07	2.629	204.5
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	**2321.8**	**26167.**	**4780.0**
Stddev	5.1	13.	15.8
%RSD	.21912	.04959	.33063
#1	2317.5	26154.	4790.6
#2	2320.4	26167.	4761.8
#3	2327.4	26180.	4787.6

Sample Name: 460-41457-d-1-b Acquired: 6/25/2012 18:15:17 Type: Unk
Method: SW84606112012(v13) 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	**22.26**	**-2.247**	**-.1942**	**10.73**	**.0196**	**11080.**
Stddev	8.81	.452	.2912	.13	.0824	43.
%RSD	39.59	20.10	150.0	1.228	420.9	.3910
#1	14.74	-2.125	-.3719	10.77	-.0654	11130.
#2	31.96	-2.747	-.3525	10.58	.0251	11070.
#3	20.08	-1.868	.1419	10.84	.0990	11040.
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	**.0520**	**-.0201**	**-.2736**	**.9627**	**.2542**	**15150.**
Stddev	.0944	.2629	.2134	4.278	13.24	63.
%RSD	181.6	1311.	77.97	444.3	5208.	.4140
#1	.1592	-.0298	-.0740	.7053	15.09	15210.
#2	.0157	.2476	-.2485	5.363	-3.975	15090.
#3	-.0189	-.2779	-.4985	-3.180	-10.35	15150.
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	**3508.**	**608.9**	**14400.**	**.2776**	**.7868**	**-1.244**
Stddev	6.	1.0	13.	.0658	1.251	.874
%RSD	.1799	.1704	.0883	23.71	159.0	70.22
#1	3501.	608.8	14390.	.3341	1.740	-.7592
#2	3513.	610.0	14410.	.2934	-.6303	-.7208
#3	3512.	607.9	14410.	.2053	1.251	-2.253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-d-1-b Acquired: 6/25/2012 18:15:17 Type: Unk
Method: SW84606112012(v13) 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	**-1.007**	**-1.579**	**.1666**	**.9736**	**25.10**	**38.33**
Stddev	2.426	1.571	.1587	.0782	.74	.36
%RSD	241.1	99.52	95.25	8.030	2.930	.9485
#1	-3.786	-3.291	-.0132	.9352	25.01	38.13
#2	.0780	-.2034	.2871	.9220	24.42	38.75
#3	.6884	-1.242	.2258	1.064	25.88	38.10
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	**-.2053**	**58.79**	**-.1532**	**191.0**
Stddev	.5010	.16	.5820	10.0
%RSD	244.0	.2679	379.8	5.209
#1	-.0274	58.96	.4725	196.6
#2	.1824	58.65	-.6783	179.6
#3	-.7709	58.75	-.2539	197.0
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	**2328.4**	**26314.**	**4823.1**
Stddev	7.3	77.	17.3
%RSD	.31521	.29437	.35921
#1	2330.8	26389.	4809.8
#2	2334.3	26235.	4816.7
#3	2320.2	26317.	4842.7

Sample Name: sd 460-41457-d-1-b@5 Acquired: 6/25/2012 18:18:59 Type: Unk
Method: SW84606112012(v13) 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	**10.17**	**-.0406**	**-.1396**	**2.190**	**-.0005**	**2204.**
Stddev	13.48	2.490	.2970	.066	.0637	9.
%RSD	132.5	6131.	212.7	3.003	12220.	.4221
#1	15.92	-2.684	.0140	2.261	.0518	2214.
#2	-5.231	2.262	-.4820	2.177	.0181	2203.
#3	19.83	.2993	.0491	2.132	-.0715	2195.
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	**-.0614**	**.1679**	**-.0097**	**.0031**	**-9.139**	**3105.**
Stddev	.0849	.2504	.1647	2.833	4.686	68.
%RSD	138.3	149.1	1700.	91890.	51.27	2.177
#1	-.1304	-.0351	.1747	2.398	-13.78	3119.
#2	-.0871	.4477	-.0614	.7349	-9.234	3165.
#3	.0334	.0911	-.1424	-3.124	-4.406	3032.
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	**703.7**	**122.0**	**2885.**	**-.1413**	**.9635**	**-3.078**
Stddev	.5	.2	12.	.4727	1.178	1.906
%RSD	.0754	.1757	.4153	334.5	122.3	61.92
#1	703.8	122.2	2887.	-.5887	-.3559	-5.016
#2	704.2	122.0	2872.	.3531	1.909	-1.206
#3	703.2	121.8	2896.	-.1883	1.337	-3.012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41457-d-1-b@5 Acquired: 6/25/2012 18:18:59 Type: Unk
Method: SW84606112012(v13) 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	**-3.704**	**-1.502**	**.2570**	**3.119**	**4.609**	**7.777**
Stddev	2.874	2.678	.0975	.140	.359	.339
%RSD	77.60	178.4	37.93	4.498	7.783	4.361
#1	-6.802	-4.281	.3675	3.178	5.023	7.660
#2	-1.126	1.062	.2204	2.958	4.396	7.513
#3	-3.183	-1.285	.1831	3.219	4.407	8.160
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	**-.7227**	**11.79**	**.1284**	**60.44**
Stddev	.2668	.15	.2127	1.09
%RSD	36.91	1.247	165.7	1.798
#1	-.9121	11.70	.3399	59.28
#2	-.4176	11.96	-.0856	61.43
#3	-.8385	11.71	.1309	60.62
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	**2355.2**	**26616.**	**4802.2**
Stddev	7.2	39.	33.3
%RSD	.30755	.14535	.69390
#1	2362.2	26601.	4821.0
#2	2355.7	26660.	4821.8
#3	2347.7	26588.	4763.7

Sample Name: 460-41457-d-1-d ms Acquired: 6/25/2012 18:22:41 Type: Unk
Method: SW84606112012(v13) 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	**1915.**	**1868.**	**46.14**	**1976.**	**48.47**	**30430.**
Stddev	14.	9.	.38	5.	.02	128.
%RSD	.7136	.4731	.8196	.2668	.0460	.4192
#1	1911.	1869.	46.46	1976.	48.49	30340.
#2	1904.	1876.	45.72	1981.	48.46	30380.
#3	1931.	1858.	46.24	1970.	48.45	30580.
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	**49.50**	**495.8**	**194.4**	**247.8**	**982.4**	**33820.**
Stddev	.38	1.3	.7	2.1	15.4	113.
%RSD	.7688	.2647	.3722	.8345	1.570	.3349
#1	49.80	496.4	195.2	249.8	967.7	33720.
#2	49.62	496.7	193.9	247.8	998.5	33800.
#3	49.07	494.3	194.0	245.7	980.9	33940.
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	**21800.**	**1103.**	**33200.**	**500.5**	**505.2**	**464.2**
Stddev	70.	1.	99.	1.8	1.6	1.2
%RSD	.3202	.1213	.2975	.3676	.3169	.2673
#1	21870.	1101.	33100.	501.2	504.7	464.3
#2	21810.	1104.	33210.	502.0	503.9	465.3
#3	21730.	1103.	33300.	498.5	507.0	462.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-d-1-d ms Acquired: 6/25/2012 18:22:41 Type: Unk
Method: SW84606112012(v13) 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	**1837.**	**2054.**	**479.3**	**489.4**	**511.5**	**523.4**
Stddev	5.	6.	.3	1.6	2.2	2.0
%RSD	.2890	.2847	.0689	.3303	.4379	.3749
#1	1842.	2060.	479.2	490.3	509.1	524.9
#2	1839.	2053.	479.7	490.5	513.5	524.2
#3	1832.	2048.	479.1	487.6	512.0	521.2
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	**496.7**	**531.8**	**486.7**	**277.9**
Stddev	3.1	1.9	.5	35.9
%RSD	.6154	.3545	.1078	12.93
#1	499.0	530.5	486.4	241.9
#2	497.7	530.8	486.5	277.9
#3	493.2	533.9	487.4	313.8
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	**2275.3**	**25571.**	**4734.0**
Stddev	2.5	86.	20.9
%RSD	.10816	.33669	.44051
#1	2272.5	25509.	4755.8
#2	2277.0	25669.	4732.0
#3	2276.5	25534.	4714.2

Sample Name: pds 460-41457-d-1-b Acquired: 6/25/2012 18:26:06 Type: Unk
Method: SW84606112012(v13) 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	**1949.**	**1883.**	**48.53**	**1993.**	**48.81**	**30710.**
Stddev	13.	1.	.69	3.	.13	59.
%RSD	.6872	.0514	1.430	.1475	.2623	.1916
#1	1949.	1884.	49.31	1990.	48.90	30780.
#2	1962.	1882.	48.30	1996.	48.87	30680.
#3	1935.	1882.	47.98	1992.	48.67	30670.
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	**49.82**	**499.8**	**196.5**	**252.4**	**996.0**	**34080.**
Stddev	.19	.9	.9	5.9	8.7	171.
%RSD	.3892	.1873	.4368	2.318	.8718	.5012
#1	49.67	500.3	195.5	259.1	986.0	34260.
#2	49.74	500.3	197.0	248.3	1000.	34050.
#3	50.04	498.7	197.0	249.8	1002.	33920.
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	**21950.**	**1104.**	**33380.**	**506.1**	**506.7**	**465.7**
Stddev	19.	2.	97.	.7	1.1	.8
%RSD	.0864	.1673	.2895	.1351	.2245	.1787
#1	21930.	1104.	33490.	506.7	507.7	466.4
#2	21960.	1106.	33310.	506.2	506.8	465.9
#3	21970.	1103.	33340.	505.4	505.5	464.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41457-d-1-b Acquired: 6/25/2012 18:26:06 Type: Unk
Method: SW84606112012(v13) 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	**1840.**	**2097.**	**484.2**	**493.4**	**511.6**	**527.3**
Stddev	8.	3.	.9	.8	1.0	.6
%RSD	.4367	.1554	.1915	.1609	.1989	.1204
#1	1833.	2099.	483.2	493.1	512.7	527.5
#2	1849.	2100.	484.9	494.2	511.3	527.8
#3	1839.	2094.	484.6	492.7	510.8	526.6
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	**499.6**	**538.0**	**491.7**	**288.5**
Stddev	2.4	2.0	3.0	21.1
%RSD	.4795	.3687	.6077	7.298
#1	498.8	540.2	495.1	269.0
#2	502.3	536.4	489.5	310.8
#3	497.7	537.5	490.4	285.8
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	**2280.4**	**25528.**	**4706.9**
Stddev	4.6	125.	18.3
%RSD	.20264	.49116	.38845
#1	2284.6	25660.	4686.3
#2	2275.4	25410.	4713.4
#3	2281.2	25516.	4721.1

Sample Name: 460-41343-a-4-b Acquired: 6/25/2012 18:29:31 Type: Unk
Method: SW84606112012(v13) 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	**17.02**	**1.052**	**-.1845**	**.9347**	**.0078**	**466.0**
Stddev	11.81	1.070	.2652	.1227	.1966	6.5
%RSD	69.37	101.7	143.7	13.12	2526.	1.390
#1	13.23	1.604	-.4757	1.050	-.2028	473.4
#2	30.25	-.1814	.0431	.9477	.1866	461.2
#3	7.572	1.732	-.1208	.8060	.0395	463.6
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	**-.0525**	**.3906**	**-.2161**	**1.828**	**129.5**	**243.3**
Stddev	.0391	.2246	.1703	2.550	2.4	5.7
%RSD	74.42	57.51	78.82	139.5	1.854	2.327
#1	-.0656	.6496	-.3732	3.540	126.7	238.9
#2	-.0086	.2504	-.0351	-1.103	130.5	249.7
#3	-.0834	.2717	-.2400	3.046	131.2	241.4
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	**549.9**	**2.589**	**471.4**	**.0933**	**.1380**	**-.5611**
Stddev	3.7	.147	10.4	.1371	1.232	.8023
%RSD	.6707	5.691	2.194	146.9	892.8	143.0
#1	549.3	2.752	459.7	.1873	-.9678	-1.010
#2	546.5	2.549	475.3	.1567	-.0841	.3652
#3	553.8	2.466	479.2	-.0640	1.466	-1.038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41343-a-4-b Acquired: 6/25/2012 18:29:31 Type: Unk
Method: SW84606112012(v13) 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	**-.8323**	**-1.140**	**.1291**	**1.745**	**19.28**	**.6927**
Stddev	1.258	1.401	.2361	.214	.68	.1725
%RSD	151.2	122.8	182.8	12.25	3.532	24.90
#1	-1.289	.4205	-.0926	1.988	20.02	.7736
#2	.5904	-2.289	.1026	1.665	19.14	.4946
#3	-1.798	-1.553	.3773	1.583	18.68	.8099
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	**-.0690**	**2.234**	**.5987**	**74.56**
Stddev	.2757	.090	.7569	3.18
%RSD	399.2	4.039	126.4	4.263
#1	-.1920	2.158	-.2690	77.44
#2	.2467	2.209	.9414	71.15
#3	-.2618	2.334	1.124	75.07
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	**2359.9**	**26803.**	**4784.9**
Stddev	12.0	44.	18.1
%RSD	.50884	.16324	.37791
#1	2347.0	26806.	4764.1
#2	2361.8	26845.	4796.7
#3	2370.8	26758.	4793.9

Sample Name: lcs 460-117347/2-a Acquired: 6/25/2012 18:33:15 Type: QC
Method: SW84606112012(v13) 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	**1949.**	**1904.**	**48.21**	**2026.**	**49.61**	**19960.**
Stddev	11.	4.	.21	6.	.16	71.
%RSD	.5546	.2208	.4435	.2778	.3260	.3534
#1	1936.	1902.	47.97	2025.	49.77	19950.
#2	1955.	1909.	48.27	2032.	49.45	19900.
#3	1955.	1901.	48.39	2021.	49.60	20040.
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	**51.16**	**510.0**	**200.5**	**250.8**	**1016.**	**19330.**
Stddev	.18	1.0	1.0	4.5	6.	156.
%RSD	.3501	.1904	.4981	1.812	.5626	.8044
#1	51.24	509.9	201.2	246.3	1010.	19260.
#2	51.29	511.0	201.0	255.4	1019.	19210.
#3	50.96	509.1	199.4	250.7	1020.	19500.
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	**19060.**	**517.4**	**19620.**	**516.6**	**520.7**	**477.0**
Stddev	24.	.4	42.	1.5	1.2	1.6
%RSD	.1235	.0844	.2132	.2938	.2328	.3338
#1	19080.	517.9	19590.	517.5	519.6	477.2
#2	19070.	517.1	19590.	517.6	522.0	478.4
#3	19030.	517.2	19660.	514.9	520.6	475.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-117347/2-a Acquired: 6/25/2012 18:33:15 Type: QC
Method: SW84606112012(v13) 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	**1877.**	**2161.**	**491.0**	**502.2**	**502.1**	**499.2**
Stddev	1.	8.	1.0	.8	.7	1.4
%RSD	.0526	.3646	.1958	.1508	.1460	.2844
#1	1879.	2161.	492.1	502.5	501.4	498.8
#2	1877.	2168.	490.4	502.8	502.9	500.8
#3	1877.	2152.	490.5	501.4	502.1	498.0
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	**511.5**	**484.4**	**495.8**	F **109.9**
Stddev	2.5	1.1	.1	14.5
%RSD	.4934	.2217	.0263	13.15
#1	511.1	483.7	495.6	98.93
#2	514.2	483.8	495.9	126.3
#3	509.1	485.6	495.8	104.6
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	**2299.2**	**25840.**	**4783.4**
Stddev	1.2	32.	36.7
%RSD	.05286	.12283	.76621
#1	2300.3	25843.	4763.2
#2	2297.9	25806.	4825.7
#3	2299.4	25870.	4761.4

Sample Name: CCV Acquired: 6/25/2012 18:36:43 Type: QC
Method: SW84606112012(v13) 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	**123600.**	**2450.**	**1225.**	**9977.**	**988.0**	**124800.**
Stddev	271.	3.	2.	2.	2.7	170.
%RSD	.2195	.1412	.1229	.0204	.2717	.1364
#1	123500.	2454.	1223.	9976.	988.4	124600.
#2	123900.	2447.	1226.	9975.	990.4	124900.
#3	123400.	2450.	1226.	9979.	985.1	124800.
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	**1248.**	**2470.**	**4953.**	**12430.**	**98840.**	**49040.**
Stddev	1.	1.	7.	32.	45.	141.
%RSD	.1146	.0442	.1360	.2611	.0457	.2874
#1	1247.	2470.	4950.	12400.	98790.	48880.
#2	1248.	2468.	4961.	12460.	98880.	49100.
#3	1250.	2471.	4948.	12420.	98850.	49140.
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	**121200.**	**5045.**	**123500.**	**2498.**	**7505.**	**997.7**
Stddev	42.	2.	286.	2.	4.	5.0
%RSD	.0344	.0364	.2319	.0731	.0550	.5046
#1	121300.	5044.	123600.	2497.	7502.	995.5
#2	121200.	5047.	123800.	2497.	7503.	1003.
#3	121300.	5044.	123200.	2500.	7510.	994.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 18:36:43 Type: QC
Method: SW84606112012(v13) 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	**2405.**	**2534.**	**2451.**	**2464.**	**996.8**	**2501.**
Stddev	2.	4.	2.	2.	.9	1.
%RSD	.0952	.1625	.0729	.0653	.0932	.0588
#1	2407.	2532.	2451.	2462.	996.3	2499.
#2	2406.	2532.	2453.	2464.	997.9	2501.
#3	2403.	2539.	2449.	2465.	996.3	2502.
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	**991.1**	**5022.**	**9925.**	**9927.**
Stddev	2.0	9.	34.	31.
%RSD	.1967	.1717	.3421	.3115
#1	992.7	5021.	9923.	9904.
#2	988.9	5031.	9960.	9962.
#3	991.6	5014.	9892.	9915.
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	**2159.4**	**24146.**	**4632.6**
Stddev	4.0	39.	10.2
%RSD	.18482	.16207	.22090
#1	2155.5	24110.	4643.2
#2	2163.4	24187.	4631.7
#3	2159.5	24140.	4622.8

Sample Name: CCB Acquired: 6/25/2012 18:40:01 Type: QC
Method: SW84606112012(v13) 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	**10.61**	**-1.056**	**-.4205**	**.6421**	**.1081**	**7.474**
Stddev	15.76	1.410	.8233	.4189	.1752	26.57
%RSD	148.6	133.5	195.8	65.23	162.0	355.5
#1	25.34	.5034	.2200	1.114	.2910	37.43
#2	12.49	-1.431	-.1324	.5000	.0916	-1.766
#3	-6.010	-2.241	-1.349	.3128	-.0582	-13.24
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	**.0686**	**.1766**	**.0752**	**.0479**	**7.830**	**61.26**
Stddev	.1177	.1393	.4931	.4150	6.983	40.31
%RSD	171.5	78.85	655.8	866.2	89.18	65.80
#1	.1913	.3172	.5721	-.4238	13.72	96.31
#2	.0580	.0387	-.4140	.2107	.1155	70.24
#3	-.0434	.1739	.0674	.3568	9.656	17.22
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	**10.70**	**.4030**	**-10.28**	**.2180**	**.9967**	**-2.157**
Stddev	12.44	.4502	27.36	.3153	.2163	.898
%RSD	116.3	111.7	266.1	144.6	21.70	41.63
#1	24.20	.9215	18.43	.5151	.7854	-2.670
#2	8.208	.1769	-13.21	-.1128	1.218	-1.120
#3	-.3071	.1106	-36.05	.2519	.9871	-2.681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 18:40:01 Type: QC
Method: SW84606112012(v13) 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	**-1.130**	**-.4893**	**.3127**	**.1701**	**1.476**	**3.506**
Stddev	.398	1.649	.4508	.1296	1.108	.172
%RSD	35.24	336.9	144.2	76.16	75.08	4.891
#1	-.8990	-.2175	.8102	.2694	2.756	3.456
#2	-1.590	-2.257	-.0689	.2174	.8183	3.697
#3	-.9018	1.007	.1969	.0236	.8546	3.365
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	**-1.099**	**.5638**	**.8444**	**14.03**
Stddev	.092	.6040	2.078	3.74
%RSD	8.412	107.1	246.1	26.68
#1	-.9931	1.260	2.896	12.63
#2	-1.163	.2502	.8971	11.19
#3	-1.141	.1811	-1.260	18.28
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	**2327.0**	**26438.**	**4713.9**
Stddev	2.1	50.	22.9
%RSD	.08947	.18908	.48606
#1	2326.6	26489.	4710.6
#2	2325.2	26389.	4738.3
#3	2329.3	26436.	4692.8

Sample Name: mb 460-117346/1-b Acquired: 6/25/2012 18:43:47 Type: QC
Method: SW84606112012(v13) 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	F **272.1**	**-1.716**	**-.2105**	**.2144**	**.1676**	**403.8**
Stddev	15.8	.941	.8608	.1117	.0842	13.1
%RSD	5.814	54.82	409.0	52.09	50.26	3.233
#1	254.9	-1.365	.3554	.3344	.2606	389.8
#2	286.0	-1.000	-1.201	.1136	.1458	415.7
#3	275.3	-2.781	.2143	.1952	.0964	405.9
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	200.0					
Low Limit	-200.0					

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	**.0338**	**.1800**	**.2227**	**1.962**	**2.064**	**44.81**
Stddev	.0812	.1596	.2774	2.015	7.103	67.50
%RSD	240.0	88.69	124.6	102.7	344.2	150.6
#1	.1254	.2019	-.0916	-.3583	9.899	120.5
#2	.0054	.3275	.4332	3.269	-3.955	-9.120
#3	-.0293	.0105	.3264	2.975	.2474	23.04
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	**10.91**	**.1332**	**-19.27**	**.1634**	**1.298**	**-.9755**
Stddev	1.85	.1498	6.12	.3261	1.015	.9613
%RSD	16.94	112.4	31.76	199.6	78.15	98.55
#1	10.46	.2820	-26.34	.0736	1.167	-1.651
#2	12.94	.1353	-15.65	.5250	2.372	.1251
#3	9.327	-.0176	-15.82	-.1083	.3561	-1.401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117346/1-b Acquired: 6/25/2012 18:43:47 Type: QC
Method: SW84606112012(v13) 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	**-1.249**	**-1.309**	**.5566**	**.8888**	**20.39**	**.3928**
Stddev	.721	3.285	.1077	.0563	.78	.2868
%RSD	57.70	250.9	19.35	6.335	3.806	73.00
#1	-.4195	-2.799	.6810	.8670	20.79	.2040
#2	-1.720	2.456	.4971	.8466	19.49	.2517
#3	-1.609	-3.585	.4918	.9527	20.88	.7228
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	**-.9440**	**2.934**	**.4316**	**8.100**
Stddev	.5860	.083	.4910	16.28
%RSD	62.08	2.813	113.8	200.9
#1	-1.393	3.029	.2038	-6.573
#2	-.2812	2.886	.0959	5.265
#3	-1.158	2.886	.9951	25.61
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	**2345.9**	**26623.**	**4730.9**
Stddev	10.9	111.	10.1
%RSD	.46661	.41591	.21435
#1	2333.8	26663.	4720.8
#2	2355.1	26709.	4730.8
#3	2348.8	26498.	4741.0

Sample Name: 460-41401-f-1-a Acquired: 6/25/2012 18:47:31 Type: Unk
Method: SW84606112012(v13) 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	**19.55**	**.5430**	**-.7287**	**48.33**	**-.0056**	**25310.**
Stddev	1.35	1.597	.3557	.06	.0850	47.
%RSD	6.881	294.1	48.81	.1270	1522.	.1875
#1	20.10	-1.093	-.8916	48.37	-.0448	25370.
#2	18.01	.6250	-.3207	48.26	-.0639	25280.
#3	20.53	2.097	-.9737	48.37	.0919	25290.
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	**-.0431**	**-.0015**	**-.2360**	**5.226**	**15.86**	**2163.**
Stddev	.0895	.1558	.4595	.970	5.68	25.
%RSD	207.5	10240.	194.7	18.56	35.81	1.168
#1	-.0685	-.1812	-.5006	4.180	22.24	2144.
#2	.0563	.0798	.2946	5.404	13.98	2192.
#3	-.1172	.0969	-.5019	6.094	11.36	2153.
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	**12460.**	**.5551**	**88290.**	**1.266**	**2.329**	**-3.385**
Stddev	9.	.0305	136.	.225	.279	2.531
%RSD	.0695	5.493	.1545	17.77	11.96	74.77
#1	12460.	.5869	88450.	1.024	2.651	-1.794
#2	12460.	.5523	88190.	1.307	2.167	-2.058
#3	12450.	.5261	88230.	1.468	2.170	-6.304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-f-1-a Acquired: 6/25/2012 18:47:31 Type: Unk
Method: SW84606112012(v13) 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	**-2.849**	**.1363**	**.6922**	**42.68**	**27.07**	**.1540**
Stddev	2.974	2.266	.5465	.19	.83	.2991
%RSD	104.4	1662.	78.96	.4551	3.059	194.2
#1	.3449	1.094	.0965	42.79	27.65	-.0886
#2	-3.352	1.766	1.171	42.78	27.45	.4882
#3	-5.538	-2.452	.8096	42.45	26.12	.0626
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	**-1.187**	**129.4**	**1.051**	**8569.**
Stddev	.666	.3	1.549	21.
%RSD	56.12	.2612	147.4	.2437
#1	-1.832	129.8	-.7223	8574.
#2	-.5012	129.1	1.735	8587.
#3	-1.228	129.3	2.140	8546.
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	**2271.2**	**25296.**	**4732.1**
Stddev	3.8	117.	23.2
%RSD	.16833	.46323	.48945
#1	2272.4	25392.	4730.7
#2	2267.0	25330.	4756.0
#3	2274.4	25165.	4709.7

Sample Name: 460-41401-f-2-a Acquired: 6/25/2012 18:51:12 Type: Unk
Method: SW84606112012(v13) 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	**10.29**	**.1286**	**.2313**	**31.08**	**.0121**	**22860.**
Stddev	17.55	2.569	.3593	.15	.2107	172.
%RSD	170.6	1997.	155.4	.4684	1740.	.7526
#1	29.56	.7767	.0436	31.24	-.0508	22670.
#2	-4.786	-2.702	.0047	31.01	.2470	22900.
#3	6.092	2.311	.6455	30.97	-.1599	23010.
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	**.0526**	**-.1237**	**.0035**	**13.89**	**11.26**	**2342.**
Stddev	.0712	.2022	.6947	2.52	20.31	57.
%RSD	135.3	163.5	19930.	18.14	180.3	2.431
#1	.1034	-.0334	.7007	13.38	34.10	2407.
#2	.0831	.0177	-.6887	11.66	4.436	2316.
#3	-.0287	-.3553	-.0016	16.62	-4.757	2302.
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	**11900.**	**.7162**	**45200.**	**3.009**	**5.889**	**-.5694**
Stddev	14.	.0795	234.	.728	.387	2.264
%RSD	.1208	11.10	.5183	24.19	6.571	397.6
#1	11910.	.6246	44950.	3.338	5.952	-.2287
#2	11880.	.7676	45230.	2.175	6.240	1.505
#3	11900.	.7565	45420.	3.515	5.474	-2.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-f-2-a Acquired: 6/25/2012 18:51:12 Type: Unk
Method: SW84606112012(v13) 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	**1.197**	**.4486**	**.6407**	**242.4**	**18.77**	**-.1461**
Stddev	2.775	2.079	.2395	.7	.98	.1063
%RSD	231.7	463.4	37.38	.2991	5.227	72.74
#1	4.184	.8894	.6013	242.4	19.80	-.0387
#2	-1.300	-1.815	.8975	243.1	18.65	-.1484
#3	.7079	2.272	.4234	241.7	17.85	-.2512
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	**-.7567**	**113.4**	**.5671**	**9664.**
Stddev	.9903	.7	.6133	43.
%RSD	130.9	.6524	108.1	.4455
#1	.1722	112.6	1.270	9702.
#2	-1.799	113.5	.1394	9673.
#3	-.6436	114.0	.2922	9617.
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**	**25666.**	**4731.6**
Stddev	.5	105.	28.2
%RSD	.02091	.40941	.59680
#1	2284.3	25717.	4759.2
#2	2285.0	25736.	4732.9
#3	2285.2	25545.	4702.7

Sample Name: 460-41401-c-3-a Acquired: 6/25/2012 18:54:52 Type: Unk
Method: SW84606112012(v13) 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	**20.67**	**.0756**	**-.1287**	**43.17**	**.0686**	**24860.**
Stddev	10.59	1.806	.8230	.25	.0734	73.
%RSD	51.24	2390.	639.5	.5900	107.0	.2924
#1	14.15	1.986	.4469	43.18	.1018	24800.
#2	14.96	-.1569	-1.071	43.43	-.0155	24940.
#3	32.89	-1.603	.2384	42.92	.1195	24830.
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	**.0042**	**-.2661**	**.0353**	**12.23**	**24.16**	**2178.**
Stddev	.0739	.1240	.3430	2.27	6.72	35.
%RSD	1775.	46.60	972.3	18.57	27.80	1.596
#1	-.0060	-.2543	-.0446	9.661	18.27	2143.
#2	-.0642	-.3955	.4111	13.06	22.74	2212.
#3	.0827	-.1484	-.2607	13.97	31.47	2179.
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	**12350.**	**2.155**	**76270.**	**.4174**	**1.625**	**-1.098**
Stddev	44.	.048	238.	.2799	.943	.559
%RSD	.3587	2.212	.3116	67.07	58.02	50.93
#1	12300.	2.204	76020.	.7018	.8200	-1.295
#2	12360.	2.109	76300.	.1422	1.392	-.4668
#3	12380.	2.152	76490.	.4082	2.662	-1.532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-c-3-a Acquired: 6/25/2012 18:54:52 Type: Unk
Method: SW84606112012(v13) 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	**-2.414**	**-2.654**	**.3692**	**10.25**	**24.02**	**.0997**
Stddev	3.444	.825	.4423	.09	.28	.0872
%RSD	142.7	31.09	119.8	.8296	1.180	87.48
#1	1.232	-3.305	-.1228	10.32	24.18	.1653
#2	-5.612	-1.726	.4964	10.27	24.19	.1330
#3	-2.860	-2.931	.7339	10.15	23.69	.0007
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	**-1.073**	**126.0**	**1.462**	**8906.**
Stddev	1.697	.3	1.115	25.
%RSD	158.2	.2111	76.27	.2827
#1	-1.352	125.9	.1754	8921.
#2	.7468	125.8	2.149	8921.
#3	-2.612	126.3	2.061	8877.
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	**2275.1**	**25400.**	**4709.1**
Stddev	10.8	34.	8.1
%RSD	.47648	.13403	.17224
#1	2266.0	25428.	4712.6
#2	2272.1	25362.	4714.9
#3	2287.1	25410.	4699.8

Sample Name: 460-41401-f-4-a Acquired: 6/25/2012 18:58:32 Type: Unk
Method: SW84606112012(v13) 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	**16.19**	**-.4303**	**-.5044**	**40.93**	**-.1370**	**24940.**
Stddev	6.64	1.349	.2157	.03	.0885	91.
%RSD	41.00	313.5	42.77	.0673	64.61	.3661
#1	16.07	1.005	-.5020	40.94	-.1835	25040.
#2	9.611	-1.672	-.2899	40.95	-.0349	24930.
#3	22.89	-.6247	-.7214	40.90	-.1926	24860.
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	**.0039**	**-.0585**	**-.1136**	**2.508**	**47.33**	**2204.**
Stddev	.0582	.2013	.2503	1.674	12.48	39.
%RSD	1485.	344.4	220.3	66.75	26.38	1.765
#1	-.0298	.0771	.1754	4.015	33.14	2167.
#2	.0711	-.2898	-.2576	2.803	56.60	2199.
#3	-.0296	.0373	-.2586	.7062	52.26	2245.
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	**12380.**	**1.063**	**76300.**	**.1672**	**1.068**	**-3.133**
Stddev	23.	.034	216.	.0658	1.534	1.317
%RSD	.1878	3.212	.2837	39.35	143.7	42.04
#1	12350.	1.034	76520.	.2015	-.5164	-2.635
#2	12400.	1.054	76290.	.2088	2.547	-2.137
#3	12400.	1.101	76090.	.0913	1.174	-4.626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-f-4-a Acquired: 6/25/2012 18:58:32 Type: Unk
Method: SW84606112012(v13) 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	**-1.268**	**.0296**	**.8168**	**4.147**	**23.20**	**-.3052**
Stddev	2.005	1.366	.0738	.216	.62	.0773
%RSD	158.1	4610.	9.033	5.208	2.653	25.34
#1	-2.600	.4029	.7327	3.897	22.75	-.3941
#2	1.038	1.171	.8468	4.275	22.94	-.2533
#3	-2.243	-1.485	.8708	4.268	23.90	-.2682
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	**-1.085**	**126.3**	**.2559**	**9023.**
Stddev	.666	.5	.3115	21.
%RSD	61.40	.3805	121.7	.2273
#1	-1.232	126.8	.2055	9002.
#2	-.3576	126.0	.5895	9025.
#3	-1.665	126.0	-.0273	9043.
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	**2296.7**	**25726.**	**4813.9**
Stddev	2.1	82.	29.2
%RSD	.09292	.32009	.60580
#1	2298.1	25769.	4784.5
#2	2294.2	25779.	4814.3
#3	2297.7	25631.	4842.8

Sample Name: 460-41401-c-5-a Acquired: 6/25/2012 19:02:13 Type: Unk
Method: SW84606112012(v13) 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	**13.55**	**.2397**	**-1.000**	**41.23**	**.0042**	**25190.**
Stddev	18.45	1.287	.504	.18	.1772	14.
%RSD	136.2	536.9	50.40	.4442	4243.	.0567
#1	13.65	1.624	-1.559	41.13	-.1941	25200.
#2	-4.948	.0160	-.5806	41.44	.0598	25180.
#3	31.96	-.9206	-.8605	41.11	.1468	25180.
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	**-.0079**	**.0031**	**.1481**	**5.509**	**-1.658**	**2282.**
Stddev	.0130	.0495	.2492	2.131	9.312	40.
%RSD	163.8	1606.	168.3	38.68	561.7	1.742
#1	-.0017	-.0513	.3635	3.071	1.671	2277.
#2	-.0229	.0455	.2059	6.441	-12.18	2245.
#3	.0008	.0151	-.1249	7.014	5.532	2324.
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	**12590.**	**.1532**	**77100.**	**-.2634**	**1.996**	**-.3589**
Stddev	5.	.1040	88.	.5435	.377	1.798
%RSD	.0362	67.85	.1143	206.3	18.88	501.0
#1	12580.	.0337	77200.	-.7989	2.017	1.590
#2	12590.	.2032	77030.	-.2791	1.609	-.7141
#3	12590.	.2228	77080.	.2877	2.362	-1.953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-c-5-a Acquired: 6/25/2012 19:02:13 Type: Unk
Method: SW84606112012(v13) 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	**-3.344**	**.7729**	**.6338**	**15.03**	**24.38**	**-.2052**
Stddev	1.606	.4717	.2835	.09	1.39	.0993
%RSD	48.03	61.04	44.74	.6136	5.707	48.41
#1	-1.756	.2529	.7063	14.94	23.38	-.3167
#2	-3.309	1.173	.8740	15.12	25.97	-.1727
#3	-4.968	.8922	.3210	15.02	23.78	-.1262
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	**-.0245**	**127.7**	**1.434**	**9128.**
Stddev	.4531	.2	.265	44.
%RSD	1847.	.1888	18.45	.4780
#1	-.4390	127.5	1.372	9099.
#2	-.0937	127.9	1.205	9178.
#3	.4591	127.6	1.724	9107.
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	**2296.9**	**25664.**	**4806.3**
Stddev	3.3	27.	15.9
%RSD	.14223	.10532	.33060
#1	2298.9	25693.	4788.6
#2	2293.2	25658.	4819.4
#3	2298.8	25640.	4811.0

Sample Name: 460-41401-f-6-a Acquired: 6/25/2012 19:05:53 Type: Unk
Method: SW84606112012(v13) 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	**11.29**	**.9185**	**-.5082**	**40.80**	**.0092**	**25090.**
Stddev	7.97	2.459	.6409	.12	.0358	48.
%RSD	70.64	267.7	126.1	.3043	388.5	.1925
#1	6.113	2.627	-.3232	40.92	.0390	25050.
#2	7.281	2.028	-1.221	40.80	-.0305	25140.
#3	20.47	-1.900	.0200	40.68	.0191	25090.
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	**.0424**	**-.1262**	**-.0367**	**3.754**	**34.82**	**2324.**
Stddev	.0540	.2331	.2366	3.628	12.26	35.
%RSD	127.3	184.6	645.0	96.65	35.22	1.525
#1	.0740	-.3790	.1969	.2290	46.21	2284.
#2	.0731	-.0799	-.2762	3.555	36.41	2351.
#3	-.0199	.0802	-.0307	7.476	21.84	2338.
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	**12470.**	**.5120**	**76680.**	**-.1135**	**1.467**	**-1.260**
Stddev	53.	.0952	168.	.5090	.391	2.859
%RSD	.4275	18.60	.2188	448.3	26.62	226.9
#1	12530.	.6115	76490.	.0063	1.289	1.621
#2	12460.	.5029	76800.	.3248	1.198	-1.305
#3	12420.	.4217	76750.	-.6717	1.915	-4.096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41401-f-6-a Acquired: 6/25/2012 19:05:53 Type: Unk
Method: SW84606112012(v13) 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	**-2.089**	**-3.193**	**.1436**	**10.83**	**23.20**	**-.1120**
Stddev	1.275	2.113	.2154	.17	.39	.1698
%RSD	61.03	66.18	150.1	1.586	1.675	151.6
#1	-1.054	-1.397	-.0053	10.90	22.75	.0792
#2	-3.513	-2.660	.3906	10.96	23.42	-.1700
#3	-1.700	-5.521	.0454	10.64	23.43	-.2452
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	**-.9025**	**126.9**	**.5410**	**9071.**
Stddev	.4855	.5	1.554	80.
%RSD	53.79	.3546	287.3	.8850
#1	-.9177	126.5	.1164	9159.
#2	-.4096	127.3	2.264	9052.
#3	-1.380	127.0	-.7569	9002.
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	**2283.4**	**25660.**	**4779.5**
Stddev	4.2	26.	28.3
%RSD	.18268	.09946	.59219
#1	2279.7	25632.	4800.8
#2	2287.9	25666.	4790.2
#3	2282.6	25682.	4747.4

Sample Name: 460-41457-d-2-a Acquired: 6/25/2012 19:09:35 Type: Unk
Method: SW84606112012(v13) 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	**1467.**	**1.625**	**-.7717**	**646.2**	**-.1279**	F **292000.**
Stddev	33.	1.237	.3409	2.1	.0851	337.
%RSD	2.248	76.11	44.17	.3256	66.54	.1154
#1	1494.	2.512	-.3781	648.0	-.1841	291700.
#2	1477.	2.150	-.9720	646.7	-.0300	292300.
#3	1431.	.2122	-.9651	643.9	-.1696	292200.
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	**-.0291**	**-.1578**	**-2.936**	**.8215**	**-6.747**	F **357500.**
Stddev	.1031	.3899	.080	1.603	5.368	1408.
%RSD	354.6	247.1	2.710	195.1	79.57	.3937
#1	-.0716	-.0830	-2.849	.0532	-.8775	359100.
#2	-.1041	.1892	-3.006	-.2523	-11.41	357000.
#3	.0885	-.5796	-2.952	2.664	-7.955	356400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	**-10.38**	**.2231**	**170900.**	**32.76**	**-4.899**	**3.101**
Stddev	7.10	.0419	105.	.38	2.137	3.999
%RSD	68.40	18.78	.0613	1.168	43.63	128.9
#1	-6.329	.1752	171000.	32.60	-2.504	4.230
#2	-6.233	.2413	170900.	33.20	-5.581	-1.341
#3	-18.58	.2528	170800.	32.48	-6.612	6.415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-d-2-a Acquired: 6/25/2012 19:09:35 Type: Unk
Method: SW84606112012(v13) 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	**-3.125**	**1.741**	**.2477**	**2.970**	**3.742**	**62.79**
Stddev	1.885	1.511	.2835	.070	.756	.55
%RSD	60.33	86.84	114.5	2.341	20.21	.8790
#1	-5.216	2.360	.5505	3.049	4.454	62.91
#2	-2.603	.0178	.2042	2.943	2.948	63.28
#3	-1.555	2.844	-.0115	2.917	3.823	62.19
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	**-2.876**	F **14700.**	**8.348**	**417.9**
Stddev	.433	137.	.749	11.1
%RSD	15.04	.9304	8.972	2.649
#1	-2.666	14580.	9.203	406.0
#2	-2.589	14850.	7.807	427.9
#3	-3.374	14690.	8.033	419.7
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		10000.		
Low Limit		-50.00		

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	**2155.4**	**23941.**	**4732.7**
Stddev	5.8	83.	22.5
%RSD	.26818	.34600	.47535
#1	2148.9	23879.	4719.5
#2	2159.9	23910.	4758.7
#3	2157.3	24035.	4719.9

Sample Name: 460-41457-g-3-a Acquired: 6/25/2012 19:13:25 Type: Unk
Method: SW84606112012(v13) 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	**34.94**	**.6563**	**-.6251**	**11.31**	**.0861**	**14520.**
Stddev	13.82	.5011	.6855	.06	.0571	74.
%RSD	39.55	76.35	109.7	.5550	66.29	.5084
#1	19.61	.4431	-1.391	11.25	.1358	14560.
#2	38.79	1.229	-.4160	11.37	.0238	14560.
#3	46.43	.2971	-.0685	11.32	.0987	14430.
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	**.3707**	**.1096**	**.2332**	**2.343**	**5.646**	**9580.**
Stddev	.0871	.1218	.7160	1.388	8.544	265.
%RSD	23.49	111.1	307.0	59.26	151.3	2.763
#1	.3579	-.0120	-.0409	3.308	3.438	9878.
#2	.2907	.2316	-.3053	.7518	15.08	9490.
#3	.4634	.1092	1.046	2.969	-1.577	9371.
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	**3654.**	**2.287**	**9289.**	**.2540**	**.0418**	**-2.316**
Stddev	9.	.083	43.	.3566	1.177	1.942
%RSD	.2598	3.645	.4665	140.4	2813.	83.85
#1	3643.	2.284	9336.	.1694	.6676	-4.499
#2	3662.	2.205	9280.	.6453	.7733	-1.670
#3	3656.	2.372	9251.	-.0526	-1.315	-.7796
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-g-3-a Acquired: 6/25/2012 19:13:25 Type: Unk
Method: SW84606112012(v13) 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	**-.8714**	**-1.619**	**.1845**	**7.357**	**7.823**	**1.404**
Stddev	1.992	1.334	.3480	.167	.688	.332
%RSD	228.6	82.40	188.6	2.276	8.801	23.61
#1	-.5766	-.2317	.0494	7.338	8.458	1.777
#2	-2.995	-2.893	-.0756	7.533	7.919	1.295
#3	.9569	-1.733	.5798	7.200	7.091	1.142
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	**-.9365**	**58.73**	**.6504**	**10430.**
Stddev	.5708	1.49	.2827	78.
%RSD	60.96	2.532	43.46	.7498
#1	-.7744	60.32	.7093	10440.
#2	-.4642	58.48	.3430	10350.
#3	-1.571	57.38	.8991	10500.
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	**2338.0**	**26355.**	**4812.9**
Stddev	5.2	97.	29.3
%RSD	.22267	.36897	.60917
#1	2340.5	26422.	4838.4
#2	2341.5	26401.	4780.9
#3	2332.0	26244.	4819.5

Sample Name: 460-41457-g-9-a Acquired: 6/25/2012 19:17:07 Type: Unk
Method: SW84606112012(v13) 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	**288.8**	**3.507**	**-.9358**	**53.93**	**.0104**	**75560.**
Stddev	31.2	.931	.6774	.20	.0888	57.
%RSD	10.80	26.56	72.38	.3715	857.8	.0753
#1	322.5	4.126	-1.379	54.16	.0670	75600.
#2	261.0	2.436	-1.273	53.83	-.0920	75600.
#3	283.0	3.959	-.1561	53.80	.0560	75500.
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	**.0259**	**-.0434**	**-.6745**	**-.2481**	**45.72**	**77510.**
Stddev	.1140	.1095	.2459	2.784	13.01	147.
%RSD	440.6	252.2	36.46	1122.	28.46	.1898
#1	.1253	.0695	-.8667	-1.834	47.46	77350.
#2	.0509	-.0505	-.3974	-1.877	57.77	77650.
#3	-.0986	-.1492	-.7595	2.967	31.92	77540.
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	**22.11**	**.6495**	**56440.**	**3.384**	**.8280**	**-1.454**
Stddev	4.91	.1226	23.	.674	1.826	2.448
%RSD	22.21	18.87	.0415	19.93	220.5	168.4
#1	25.23	.5085	56460.	3.608	.4804	-4.184
#2	16.45	.7100	56410.	3.918	-.7994	-.7242
#3	24.64	.7301	56430.	2.626	2.803	.5471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-g-9-a Acquired: 6/25/2012 19:17:07 Type: Unk
Method: SW84606112012(v13) 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	**-.9005**	**-.3978**	**11.62**	**1.162**	**4.385**	**121.0**
Stddev	1.725	.9048	.57	.050	.631	.6
%RSD	191.5	227.4	4.914	4.295	14.38	.4647
#1	.2717	.5999	11.77	1.218	3.677	121.1
#2	-.0925	-.6285	10.99	1.142	4.592	121.5
#3	-2.881	-1.165	12.10	1.124	4.887	120.4
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	**-.8098**	**1448.**	**3.834**	**9525.**
Stddev	1.333	3.	1.511	106.
%RSD	164.6	.2024	39.42	1.114
#1	.2521	1451.	2.337	9635.
#2	-2.306	1449.	3.807	9423.
#3	-.3760	1445.	5.359	9517.
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	**2261.6**	**25352.**	**4780.5**
Stddev	13.9	86.	4.0
%RSD	.61662	.34030	.08354
#1	2246.2	25330.	4784.0
#2	2273.3	25447.	4776.1
#3	2265.5	25279.	4781.4

Sample Name: CCV Acquired: 6/25/2012 19:20:50 Type: QC
Method: SW84606112012(v13) 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	**123900.**	**2465.**	**1233.**	**10020.**	**993.2**	**124700.**
Stddev	138.	11.	2.	24.	1.5	133.
%RSD	.1113	.4424	.1822	.2351	.1497	.1066
#1	124000.	2476.	1233.	10050.	994.3	124600.
#2	123700.	2455.	1231.	10020.	991.5	124700.
#3	124000.	2465.	1235.	10000.	993.8	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	**1257.**	**2483.**	**5000.**	**12390.**	**99450.**	**49170.**
Stddev	3.	6.	1.	16.	74.	47.
%RSD	.2608	.2433	.0230	.1267	.0749	.0963
#1	1260.	2490.	4999.	12380.	99480.	49140.
#2	1256.	2482.	5001.	12380.	99370.	49140.
#3	1254.	2478.	4999.	12410.	99510.	49220.
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.**	**5068.**	**123200.**	**2516.**	**7536.**	**1002.**
Stddev	95.	7.	193.	6.	10.	4.
%RSD	.0771	.1365	.1566	.2430	.1327	.3939
#1	122500.	5064.	123300.	2522.	7545.	1007.
#2	122400.	5064.	123000.	2514.	7525.	1001.
#3	122600.	5076.	123400.	2510.	7536.	999.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 19:20:50 Type: QC
Method: SW84606112012(v13) 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	**2428.**	**2547.**	**2468.**	**2476.**	**1004.**	**2506.**
Stddev	8.	8.	3.	6.	1.	4.
%RSD	.3207	.3306	.1065	.2388	.1220	.1540
#1	2431.	2556.	2468.	2482.	1003.	2511.
#2	2419.	2545.	2466.	2473.	1005.	2505.
#3	2433.	2539.	2471.	2472.	1004.	2503.
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	**994.6**	**5030.**	**9921.**	**9947.**
Stddev	1.6	12.	14.	17.
%RSD	.1627	.2302	.1404	.1682
#1	996.2	5024.	9924.	9929.
#2	993.0	5023.	9905.	9962.
#3	994.4	5044.	9932.	9952.
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	**2186.2**	**24310.**	**4700.4**
Stddev	14.2	84.	20.0
%RSD	.64881	.34740	.42574
#1	2171.7	24219.	4681.5
#2	2186.8	24385.	4698.3
#3	2200.0	24327.	4721.3

Sample Name: CCB Acquired: 6/25/2012 19:24:10 Type: QC
Method: SW84606112012(v13) 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	**20.36**	**-.5927**	**-.3056**	**.4054**	**.1494**	**18.12**
Stddev	6.46	.9838	.5614	.4838	.1140	28.93
%RSD	31.74	166.0	183.7	119.3	76.32	159.7
#1	12.90	.4784	-.9502	.9631	.2097	50.59
#2	23.75	-1.456	.0759	.1546	.2208	8.675
#3	24.41	-.8005	-.0426	.0984	.0179	-4.910
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	**.1247**	**.2650**	**.4924**	**5.304**	**10.41**	**204.7**
Stddev	.0580	.1170	.0936	2.163	8.91	66.4
%RSD	46.48	44.15	19.01	40.79	85.62	32.41
#1	.1788	.3587	.6001	7.469	4.987	262.7
#2	.1319	.3025	.4315	3.142	5.542	132.3
#3	.0635	.1339	.4455	5.301	20.69	219.2
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	**6.604**	**.3364**	**-11.56**	**-.2565**	**.6049**	**-1.545**
Stddev	8.543	.3622	11.82	.2035	.9429	1.692
%RSD	129.4	107.7	102.2	79.35	155.9	109.5
#1	16.43	.7485	1.626	-.2086	.0267	-.9042
#2	.9538	.1926	-21.20	-.0812	1.693	-.2673
#3	2.427	.0682	-15.12	-.4796	.0951	-3.464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 19:24:10 Type: QC
Method: SW84606112012(v13) 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	**-2.416**	**.8576**	**.0649**	**.2029**	**1.546**	**3.148**
Stddev	3.518	2.518	.4249	.1076	.481	.541
%RSD	145.6	293.7	654.2	53.03	31.12	17.18
#1	-6.094	.8231	-.3656	.2243	2.054	3.450
#2	.9157	-1.643	.0766	.0862	1.485	3.470
#3	-2.069	3.393	.4839	.2981	1.097	2.524
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	**.0920**	**.5755**	**.7153**	**-2.554**
Stddev	1.140	.4773	1.535	9.169
%RSD	1239.	82.94	214.6	359.0
#1	1.062	1.080	2.467	-8.456
#2	-1.164	.5150	.0758	8.009
#3	.3783	.1314	-.3966	-7.215
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	**2362.0**	**26861.**	**4827.9**
Stddev	5.2	100.	8.6
%RSD	.22186	.37236	.17820
#1	2365.9	26970.	4818.0
#2	2363.9	26839.	4831.9
#3	2356.0	26773.	4833.8

Sample Name: 460-41457-g-15-a Acquired: 6/25/2012 19:27:56 Type: Unk
Method: SW84606112012(v13) 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	**32.90**	**5.344**	**.0425**	**9.852**	**.0968**	**55900.**
Stddev	12.65	1.707	.4078	.025	.0711	107.
%RSD	38.46	31.94	960.5	.2531	73.41	.1909
#1	47.49	7.313	.2179	9.824	.1445	55780.
#2	26.19	4.442	-.4237	9.857	.0151	55950.
#3	25.01	4.278	.3331	9.873	.1309	55980.
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	**.1004**	**.2351**	**-.2332**	**1.871**	**10.77**	**22840.**
Stddev	.1023	.2909	.5821	2.091	7.21	42.
%RSD	101.9	123.7	249.6	111.8	66.89	.1835
#1	-.0053	.1457	.2817	.1944	2.602	22800.
#2	.1077	-.0006	-.1165	4.214	16.22	22830.
#3	.1989	.5603	-.8649	1.203	13.49	22880.
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	**2618.**	**2.185**	**19890.**	**1.224**	**.4754**	**-2.930**
Stddev	3.	.043	23.	.391	.3108	1.137
%RSD	.1326	1.943	.1149	31.91	65.37	38.82
#1	2617.	2.228	19870.	.9833	.6224	-2.831
#2	2622.	2.143	19890.	1.015	.6854	-1.845
#3	2616.	2.183	19910.	1.675	.1184	-4.113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-g-15-a Acquired: 6/25/2012 19:27:56 Type: Unk
Method: SW84606112012(v13) 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	**.4754**	**-1.062**	**4.516**	**1.944**	**15.78**	**38.69**
Stddev	1.439	2.294	.156	.176	.81	.17
%RSD	302.6	216.1	3.461	9.032	5.157	.4512
#1	-.7841	-2.734	4.436	1.764	16.69	38.51
#2	2.043	1.554	4.416	1.953	15.50	38.85
#3	.1670	-2.005	4.696	2.114	15.13	38.72
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	**-.3262**	**326.2**	**3.132**	**5396.**
Stddev	.7885	.3	1.239	9.
%RSD	241.7	.0925	39.58	.1700
#1	-1.114	326.4	3.498	5387.
#2	.4628	325.9	1.750	5405.
#3	-.3271	326.4	4.147	5396.
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	**2317.3**	**25955.**	**4785.2**
Stddev	5.4	95.	28.4
%RSD	.23179	.36560	.59343
#1	2323.2	26039.	4814.6
#2	2316.0	25974.	4783.3
#3	2312.7	25852.	4757.9

Sample Name: 460-41457-g-22-a Acquired: 6/25/2012 19:31:37 Type: Unk
Method: SW84606112012(v13) 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	**23.87**	**5.618**	**-.4951**	**9.582**	**.0749**	**56400.**
Stddev	20.54	1.142	.1598	.055	.1078	71.
%RSD	86.05	20.33	32.27	.5707	143.9	.1253
#1	22.87	6.634	-.4105	9.628	.0805	56340.
#2	44.90	5.838	-.6793	9.521	-.0356	56370.
#3	3.851	4.382	-.3954	9.596	.1798	56480.
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	**.1370**	**.0896**	**-.2149**	**2.637**	**6.870**	**22960.**
Stddev	.0323	.3885	.1309	1.579	16.71	60.
%RSD	23.56	433.7	60.94	59.88	243.2	.2616
#1	.1540	.2650	-.0702	4.304	13.75	22900.
#2	.0998	-.3557	-.3252	1.163	19.04	22980.
#3	.1572	.3594	-.2492	2.445	-12.18	23010.
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	**2649.**	**3.801**	**19910.**	**.9148**	**.2883**	**-.6811**
Stddev	6.	.089	57.	.5496	.8044	2.328
%RSD	.2087	2.338	.2852	60.08	279.0	341.8
#1	2653.	3.708	19970.	1.549	-.4579	-3.326
#2	2651.	3.885	19860.	.6008	1.140	1.058
#3	2643.	3.810	19900.	.5942	.1825	.2246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-g-22-a Acquired: 6/25/2012 19:31:37 Type: Unk
Method: SW84606112012(v13) 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	**.9195**	**.6707**	**4.624**	**1.534**	**15.19**	**38.59**
Stddev	2.499	1.436	.525	.108	.72	.43
%RSD	271.8	214.1	11.36	7.039	4.771	1.105
#1	-.3370	-.9185	4.885	1.458	14.95	38.69
#2	3.798	1.875	4.968	1.487	14.61	38.97
#3	-.7022	1.055	4.019	1.657	16.00	38.13
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	**.6225**	**329.2**	**2.728**	**5516.**
Stddev	.1950	.6	.687	47.
%RSD	31.33	.1856	25.19	.8517
#1	.4047	328.5	3.287	5499.
#2	.6819	329.5	1.961	5480.
#3	.7809	329.5	2.937	5569.
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**	**26303.**	**4887.5**
Stddev	9.6	109.	41.5
%RSD	.41080	.41424	.85006
#1	2327.7	26194.	4855.2
#2	2331.2	26303.	4872.8
#3	2345.8	26412.	4934.3

Sample Name: 460-41457-d-23-a Acquired: 6/25/2012 19:35:19 Type: Unk
Method: SW84606112012(v13) 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	**8.332**	**.0543**	**-.2005**	**.0586**	**.0254**	**19.78**
Stddev	12.11	1.557	.7030	.0594	.1495	16.29
%RSD	145.3	2869.	350.6	101.4	589.6	82.35
#1	18.66	1.557	-.0191	.0154	-.1388	5.421
#2	11.33	-1.552	.3940	.0341	.1537	37.48
#3	-4.994	.1571	-.9763	.1263	.0611	16.44
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	**-.0658**	**.0703**	**-.2716**	**1.841**	**7.676**	**176.2**
Stddev	.1280	.2172	.3048	3.161	9.350	37.4
%RSD	194.4	309.1	112.2	171.7	121.8	21.21
#1	-.2052	-.1763	-.0658	1.343	-.0398	218.8
#2	-.0389	.2332	-.1272	-1.041	18.07	161.1
#3	.0465	.1539	-.6217	5.222	4.994	148.7
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	**-1.908**	**.0519**	**-20.22**	**-.0946**	**.4412**	**-2.084**
Stddev	1.985	.0503	13.11	.0557	.1338	2.006
%RSD	104.0	97.00	64.85	58.85	30.32	96.25
#1	.3202	.0197	-15.75	-.0484	.3381	-.3342
#2	-2.558	.1099	-34.98	-.0790	.5923	-4.273
#3	-3.488	.0261	-9.929	-.1564	.3930	-1.645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41457-d-23-a Acquired: 6/25/2012 19:35:19 Type: Unk
Method: SW84606112012(v13) 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	**-1.467**	**-1.518**	**.2963**	**.9221**	**2.668**	**-.0047**
Stddev	2.494	1.759	.5928	.1605	.795	.1536
%RSD	170.1	115.9	200.0	17.40	29.81	3285.
#1	-1.307	.5117	-.3484	.8586	2.814	.0447
#2	.9444	-2.606	.4195	1.105	3.380	-.1769
#3	-4.037	-2.459	.8179	.8030	1.809	.1182
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	**-.7508**	**.0352**	**-.6476**	**34.82**
Stddev	.4679	.0596	1.187	15.75
%RSD	62.32	169.1	183.3	45.25
#1	-.5480	.0587	-.9531	27.58
#2	-.4184	-.0325	-1.652	23.98
#3	-1.286	.0796	.6624	52.89
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	**2406.6**	**27306.**	**4917.1**
Stddev	4.9	90.	27.7
%RSD	.20554	.32907	.56411
#1	2406.2	27381.	4921.0
#2	2411.7	27331.	4942.8
#3	2401.8	27207.	4887.7

Sample Name: 460-41398-f-1-a Acquired: 6/25/2012 19:39:03 Type: Unk
Method: SW84606112012(v13) 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	**20.39**	**2.027**	**.2523**	**26.70**	**-.0106**	**23590.**
Stddev	13.93	1.920	.8262	.16	.2378	46.
%RSD	68.30	94.71	327.5	.5851	2247.	.1930
#1	33.40	3.623	.3184	26.87	.1782	23640.
#2	22.08	-.1036	-.6050	26.59	.0677	23560.
#3	5.696	2.562	1.044	26.63	-.2777	23560.
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	**.0736**	**-.2711**	**.0673**	**15.09**	**-.6232**	**2409.**
Stddev	.0494	.0751	.4052	1.33	4.047	57.
%RSD	67.17	27.72	602.5	8.802	649.3	2.359
#1	.0403	-.3517	.5282	14.55	1.324	2465.
#2	.0500	-.2586	-.2327	14.12	-5.275	2412.
#3	.1304	-.2030	-.0937	16.61	2.082	2352.
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	**13390.**	**.1810**	**37080.**	**.1518**	**2.259**	**-1.591**
Stddev	23.	.0401	71.	.3351	1.345	.567
%RSD	.1694	22.15	.1917	220.7	59.55	35.61
#1	13390.	.1680	37140.	.4629	3.649	-1.650
#2	13420.	.2260	37100.	-.2030	2.164	-.9972
#3	13380.	.1491	37000.	.1956	.9635	-2.126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41398-f-1-a Acquired: 6/25/2012 19:39:03 Type: Unk
Method: SW84606112012(v13) 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	**-.8348**	**-1.388**	**.0135**	**30.99**	**21.65**	**.0535**
Stddev	2.242	.914	.2022	.21	.29	.1629
%RSD	268.6	65.90	1494.	.6705	1.336	304.7
#1	-3.366	-1.546	.0720	30.81	21.40	-.1094
#2	.9003	-.4042	.1801	31.22	21.97	.2164
#3	-.0385	-2.212	-.2115	30.94	21.58	.0535
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	**-.6802**	**81.19**	**.3910**	**10200.**
Stddev	.6147	.34	1.088	46.
%RSD	90.37	.4199	278.3	.4521
#1	-1.098	81.49	1.211	10230.
#2	-.9682	81.27	.8056	10150.
#3	.0256	80.82	-.8435	10220.
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	**2322.5**	**26014.**	**4814.8**
Stddev	5.7	124.	13.1
%RSD	.24434	.47778	.27241
#1	2322.8	26099.	4820.4
#2	2328.1	26073.	4799.9
#3	2316.7	25872.	4824.2

Sample Name: 460-41452-d-1-b Acquired: 6/25/2012 19:42:45 Type: Unk
Method: SW84606112012(v13) 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	**26.82**	**1.191**	**-.5407**	**54.15**	**.1138**	**38780.**
Stddev	8.62	1.580	.7306	.19	.0636	126.
%RSD	32.14	132.6	135.1	.3479	55.94	.3243
#1	32.43	.8989	-1.221	54.37	.0807	38870.
#2	31.13	2.897	.2316	54.05	.0735	38630.
#3	16.90	-.2224	-.6329	54.04	.1871	38840.
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	**-.0288**	**.0979**	**2.616**	**.2037**	**-2.929**	**1951.**
Stddev	.0469	.3704	.777	1.103	13.30	51.
%RSD	162.5	378.5	29.73	541.5	454.0	2.616
#1	.0044	-.2550	1.835	1.268	-11.88	1932.
#2	-.0084	.0651	3.390	-.9345	-9.258	1912.
#3	-.0825	.4836	2.622	.2778	12.35	2009.
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	**9814.**	**1.003**	**35880.**	**.1153**	**-.0774**	**-1.159**
Stddev	12.	.070	63.	.1166	.9892	1.849
%RSD	.1181	6.965	.1742	101.2	1278.	159.6
#1	9810.	.9362	35880.	.1247	.1029	.9498
#2	9805.	1.075	35820.	-.0058	.8093	-1.921
#3	9827.	.9963	35940.	.2268	-1.144	-2.504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41452-d-1-b Acquired: 6/25/2012 19:42:45 Type: Unk
Method: SW84606112012(v13) 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	**-.6287**	**-1.355**	**.2989**	**5.714**	**6.800**	**-.1706**
Stddev	1.564	1.370	.4302	.017	.279	.1167
%RSD	248.9	101.1	143.9	.2940	4.104	68.38
#1	1.141	-.4284	.2517	5.703	6.986	-.2691
#2	-1.197	-.7078	.7507	5.705	6.479	-.0418
#3	-1.830	-2.929	-.1058	5.733	6.935	-.2009
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	**-.5916**	**127.1**	**1.065**	**3828.**
Stddev	.7437	.5	.940	9.
%RSD	125.7	.4215	88.30	.2254
#1	-1.084	127.4	.9343	3826.
#2	-.9553	126.5	2.063	3838.
#3	.2640	127.4	.1966	3822.
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	**2359.9**	**26495.**	**4935.6**
Stddev	19.4	169.	55.9
%RSD	.82251	.63856	1.1325
#1	2337.5	26307.	4871.1
#2	2372.2	26635.	4970.1
#3	2369.9	26543.	4965.5

Sample Name: 460-41452-d-2-b Acquired: 6/25/2012 19:46:26 Type: Unk
Method: SW84606112012(v13) 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	**12.70**	**1.020**	**.1663**	**259.6**	**.0338**	**39150.**
Stddev	12.98	3.294	.1544	1.0	.0444	205.
%RSD	102.2	323.0	92.84	.3970	131.4	.5245
#1	16.34	.1498	.3030	259.9	.0332	38920.
#2	-1.705	-1.752	.1970	260.5	-.0103	39300.
#3	23.47	4.662	-.0012	258.5	.0785	39240.
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	**.1485**	**24.97**	**-1.224**	**-.9093**	**6.416**	**14630.**
Stddev	.0203	.38	.020	4.062	4.452	131.
%RSD	13.67	1.515	1.635	446.7	69.40	.8950
#1	.1343	24.54	-1.224	1.583	10.55	14480.
#2	.1394	25.24	-1.204	-5.596	7.004	14710.
#3	.1717	25.14	-1.244	1.285	1.699	14710.
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	**5778.**	**7180.**	**104300.**	**4.872**	**1.827**	**.5382**
Stddev	9.	75.	444.	.351	.787	2.883
%RSD	.1530	1.042	.4254	7.212	43.09	535.7
#1	5788.	7094.	103800.	5.259	2.574	-2.346
#2	5771.	7216.	104700.	4.783	1.005	.5405
#3	5775.	7229.	104500.	4.573	1.901	3.420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41452-d-2-b Acquired: 6/25/2012 19:46:26 Type: Unk
Method: SW84606112012(v13) 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	**-3.907**	**-1.226**	**.0883**	**8.118**	**2.990**	**.6143**
Stddev	1.866	1.629	.2239	.135	.914	.2073
%RSD	47.75	132.9	253.5	1.662	30.59	33.74
#1	-5.631	-2.931	.0434	7.963	3.247	.6276
#2	-4.163	.3136	.3312	8.186	1.974	.8146
#3	-1.927	-1.060	-.1097	8.206	3.748	.4007
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	**-1.358**	**458.3**	**1.871**	**3235.**
Stddev	.487	2.1	.500	6.
%RSD	35.88	.4552	26.73	.1823
#1	-.8171	455.9	2.218	3241.
#2	-1.762	459.3	2.098	3230.
#3	-1.496	459.7	1.298	3234.
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**	**25813.**	**4907.7**
Stddev	3.6	71.	22.7
%RSD	.15697	.27639	.46286
#1	2321.9	25827.	4933.9
#2	2326.8	25877.	4892.9
#3	2319.6	25736.	4896.4

Sample Name: 460-41452-d-3-b Acquired: 6/25/2012 19:50:14 Type: Unk
Method: SW84606112012(v13) 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	**-5.258**	**-.7363**	**.8252**	**517.3**	**.0424**	**20590.**
Stddev	9.249	1.416	.1165	1.2	.1180	70.
%RSD	175.9	192.3	14.11	.2340	278.4	.3411
#1	-14.53	-2.270	.7317	518.5	.1245	20670.
#2	-5.210	.5195	.7883	517.5	.0955	20560.
#3	3.967	-.4580	.9557	516.1	-.0929	20550.
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	**.1529**	**32.17**	**-.9023**	**2.518**	**4.067**	**17200.**
Stddev	.0746	.47	.2455	2.201	9.413	60.
%RSD	48.75	1.470	27.21	87.42	231.5	.3509
#1	.1730	32.39	-.7846	4.245	10.78	17150.
#2	.2155	32.49	-1.184	3.270	8.111	17200.
#3	.0704	31.62	-.7378	.0395	-6.692	17270.
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	**3674.**	**5490.**	**120300.**	**1.623**	**1.062**	**-.8557**
Stddev	8.	51.	437.	.233	.972	2.497
%RSD	.2310	.9303	.3632	14.36	91.55	291.8
#1	3666.	5519.	120800.	1.357	2.101	1.546
#2	3672.	5520.	120100.	1.723	.9095	-.6741
#3	3683.	5431.	119900.	1.790	.1747	-3.439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41452-d-3-b Acquired: 6/25/2012 19:50:14 Type: Unk
Method: SW84606112012(v13) 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	**.8431**	**-.3411**	**.6282**	**4.328**	**21.52**	**.5876**
Stddev	3.693	.3921	.3322	.185	.65	.2985
%RSD	438.1	115.0	52.89	4.282	2.998	50.80
#1	-3.414	.1009	.8876	4.121	22.26	.6190
#2	3.190	-.4769	.7433	4.386	21.05	.8692
#3	2.753	-.6472	.2537	4.477	21.27	.2746
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	**-1.368**	**191.6**	**.8713**	**1936.**
Stddev	.263	.7	1.403	12.
%RSD	19.21	.3455	161.0	.6126
#1	-1.632	192.4	2.043	1925.
#2	-1.106	191.4	1.254	1934.
#3	-1.365	191.1	-.6832	1949.
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	**2347.0**	**26166.**	**4964.2**
Stddev	4.0	62.	15.1
%RSD	.17240	.23820	.30425
#1	2347.7	26236.	4980.7
#2	2350.6	26143.	4960.9
#3	2342.6	26118.	4951.0

Sample Name: 460-41482-g-1-c du@4 Acquired: 6/25/2012 19:53:58 Type: Unk
Method: SW84606112012(v13) 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	**39970.**	**9.217**	**-.7020**	**250.0**	**2.272**	**4274.**
Stddev	119.	1.436	.2960	.7	.070	12.
%RSD	.2964	15.58	42.16	.2683	3.095	.2768
#1	39860.	10.69	-.3603	250.6	2.250	4264.
#2	40100.	7.823	-.8791	250.1	2.215	4287.
#3	39960.	9.137	-.8665	249.2	2.351	4272.
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	**-.4732**	**32.40**	**72.16**	**309.6**	**84560.**	**6045.**
Stddev	.1427	.23	.40	3.6	138.	21.
%RSD	30.15	.7028	.5490	1.175	.1633	.3458
#1	-.3287	32.18	72.45	309.6	84630.	6059.
#2	-.6140	32.40	71.71	306.0	84660.	6055.
#3	-.4769	32.63	72.32	313.3	84410.	6021.
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	**17210.**	**2116.**	**369.9**	**77.47**	**52.39**	**-1.277**
Stddev	38.	1.	37.2	.98	1.57	.666
%RSD	.2184	.0441	10.06	1.269	2.994	52.18
#1	17230.	2116.	412.6	78.45	52.76	-1.749
#2	17240.	2116.	353.3	77.49	53.74	-1.566
#3	17170.	2115.	343.9	76.48	50.67	-.5147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41482-g-1-c du@4 Acquired: 6/25/2012 19:53:58 Type: Unk
Method: SW84606112012(v13) 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	**-1.756**	**-.2810**	**73.65**	**227.6**	**33.33**	**1.009**
Stddev	.902	1.971	.75	.2	1.70	.241
%RSD	51.37	701.4	1.025	.0912	5.097	23.85
#1	-2.706	-1.809	73.29	227.8	31.78	1.151
#2	-.9112	1.944	74.52	227.6	35.14	.7312
#3	-1.651	-.9776	73.15	227.4	33.06	1.145
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	**1.361**	**47.86**	**851.2**	**791.8**
Stddev	.465	.05	6.6	15.5
%RSD	34.18	.0943	.7732	1.956
#1	.9654	47.86	844.3	773.9
#2	1.245	47.90	857.4	801.2
#3	1.874	47.81	851.8	800.3
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	**2438.0**	**27377.**	**5031.2**
Stddev	3.7	22.	22.5
%RSD	.15255	.08145	.44629
#1	2437.1	27403.	5043.2
#2	2442.1	27369.	5045.1
#3	2434.8	27360.	5005.3

Sample Name: 460-41482-g-1-b@4 Acquired: 6/25/2012 19:57:32 Type: Unk
Method: SW84606112012(v13) 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	**38130.**	**10.21**	**-1.400**	**256.1**	**2.197**	**4477.**
Stddev	38.	3.81	.424	.6	.023	12.
%RSD	.1002	37.28	30.30	.2345	1.057	.2605
#1	38090.	12.05	-1.006	256.6	2.200	4470.
#2	38150.	5.832	-1.849	256.4	2.172	4471.
#3	38160.	12.74	-1.345	255.4	2.218	4491.
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	**-.2879**	**30.92**	**73.75**	**234.5**	**87950.**	**5054.**
Stddev	.0173	.25	.15	1.4	92.	85.
%RSD	5.996	.7983	.2010	.5918	.1046	1.681
#1	-.2778	31.14	73.74	235.9	87870.	5041.
#2	-.2782	30.98	73.60	233.1	88050.	4976.
#3	-.3079	30.65	73.90	234.4	87930.	5145.
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	**17410.**	**1951.**	**280.8**	**74.45**	**50.33**	**-1.233**
Stddev	13.	2.	4.1	.17	.85	1.091
%RSD	.0719	.0842	1.450	.2264	1.692	88.46
#1	17410.	1950.	278.9	74.29	49.44	-1.127
#2	17420.	1953.	285.5	74.43	50.39	-.1993
#3	17400.	1951.	278.1	74.63	51.14	-2.373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41482-g-1-b@4 Acquired: 6/25/2012 19:57:32 Type: Unk
Method: SW84606112012(v13) 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	**-2.796**	**-1.626**	**80.83**	**220.4**	**28.27**	**.6067**
Stddev	1.790	.417	.24	.5	1.39	.1509
%RSD	64.01	25.69	.2933	.2275	4.907	24.87
#1	-4.779	-1.956	81.10	219.9	28.21	.4349
#2	-2.307	-1.764	80.73	220.9	26.91	.7176
#3	-1.302	-1.156	80.65	220.2	29.68	.6677
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	**2.428**	**47.49**	**962.3**	**699.2**
Stddev	.713	.13	2.1	12.9
%RSD	29.35	.2671	.2194	1.847
#1	2.276	47.35	964.6	685.6
#2	3.204	47.59	961.9	711.3
#3	1.803	47.54	960.4	700.7
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	**2466.5**	**27659.**	**5077.0**
Stddev	4.0	44.	23.4
%RSD	.16105	.15970	.46106
#1	2462.0	27662.	5058.3
#2	2469.4	27701.	5103.2
#3	2468.1	27613.	5069.5

Sample Name: lcssrm 460-117300/2- Acquired: 6/25/2012 20:01:07 Type: QC
Method: SW84606112012(v13) 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	**41250.**	**1137.**	**235.0**	**1279.**	**476.8**	**36200.**
Stddev	45.	5.	.5	3.	.6	63.
%RSD	.1098	.4042	.2042	.2399	.1295	.1750
#1	41230.	1137.	235.1	1281.	476.7	36140.
#2	41220.	1132.	235.3	1275.	476.3	36190.
#3	41300.	1142.	234.4	1280.	477.5	36270.
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	**1012.**	**958.8**	**680.0**	**647.4**	**64840.**	**13050.**
Stddev	2.	1.5	1.7	.4	48.	47.
%RSD	.2212	.1557	.2514	.0568	.0733	.3625
#1	1015.	960.3	679.4	647.3	64820.	13020.
#2	1010.	957.3	681.9	647.8	64900.	13110.
#3	1012.	958.7	678.7	647.1	64810.	13040.
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	**13950.**	**1769.**	**2680.**	**649.0**	**541.7**	**926.6**
Stddev	17.	3.	15.	1.8	2.0	2.7
%RSD	.1190	.1515	.5592	.2821	.3774	.2904
#1	13930.	1767.	2667.	650.9	544.0	929.3
#2	13950.	1772.	2697.	647.3	541.3	926.5
#3	13960.	1769.	2677.	648.6	539.9	923.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117300/2- Acquired: 6/25/2012 20:01:07 Type: QC
Method: SW84606112012(v13) 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	**522.8**	**858.7**	**616.8**	**927.2**	**604.1**	**518.1**
Stddev	3.7	5.0	1.6	2.0	1.0	1.6
%RSD	.7156	.5794	.2566	.2139	.1737	.3099
#1	520.0	863.8	615.0	929.4	604.2	519.3
#2	521.3	853.9	618.0	925.5	603.0	516.3
#3	527.0	858.3	617.4	926.7	605.1	518.7
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	**556.3**	**673.8**	**1141.**	**1728.**
Stddev	2.0	.6	1.	27.
%RSD	.3601	.0849	.0954	1.539
#1	558.4	673.2	1142.	1755.
#2	556.2	674.3	1140.	1729.
#3	554.4	674.0	1141.	1701.
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	**2455.0**	**27331.**	**5060.9**
Stddev	6.8	56.	14.8
%RSD	.27704	.20364	.29333
#1	2452.8	27394.	5054.1
#2	2462.7	27310.	5077.9
#3	2449.7	27289.	5050.7

Sample Name: CCV Acquired: 6/25/2012 20:04:33 Type: QC
Method: SW84606112012(v13) 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.**	**2458.**	**1233.**	**9999.**	**987.5**	**124900.**
Stddev	150.	9.	2.	24.	1.5	240.
%RSD	.1212	.3725	.2004	.2358	.1534	.1923
#1	123500.	2468.	1235.	10020.	988.2	125000.
#2	123700.	2450.	1233.	9995.	988.5	125000.
#3	123400.	2457.	1230.	9978.	985.7	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	**1254.**	**2484.**	**5020.**	**12320.**	**99630.**	**48990.**
Stddev	4.	6.	7.	59.	79.	140.
%RSD	.2897	.2477	.1405	.4772	.0792	.2861
#1	1258.	2491.	5027.	12380.	99700.	49130.
#2	1253.	2483.	5020.	12330.	99650.	48990.
#3	1251.	2479.	5013.	12260.	99540.	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	**122900.**	**5082.**	**122900.**	**2522.**	**7535.**	**996.2**
Stddev	179.	10.	280.	7.	20.	3.8
%RSD	.1459	.1910	.2279	.2752	.2625	.3771
#1	123100.	5092.	123200.	2530.	7557.	996.1
#2	122900.	5081.	122900.	2522.	7530.	992.4
#3	122800.	5073.	122700.	2516.	7518.	999.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 20:04:33 Type: QC
Method: SW84606112012(v13) 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	**2425.**	**2549.**	**2477.**	**2472.**	**1004.**	**2493.**
Stddev	5.	9.	4.	8.	2.	5.
%RSD	.2109	.3527	.1634	.3113	.2356	.2104
#1	2431.	2555.	2482.	2480.	1007.	2499.
#2	2421.	2552.	2476.	2468.	1002.	2489.
#3	2425.	2538.	2474.	2466.	1004.	2490.
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	**992.5**	**5018.**	**9836.**	**9852.**
Stddev	2.9	13.	22.	36.
%RSD	.2922	.2616	.2261	.3689
#1	995.8	5028.	9848.	9825.
#2	990.1	5022.	9850.	9837.
#3	991.8	5003.	9811.	9893.
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	**2185.9**	**24227.**	**4681.5**
Stddev	5.2	67.	9.6
%RSD	.23994	.27656	.20408
#1	2179.9	24304.	4670.8
#2	2188.4	24195.	4684.9
#3	2189.4	24183.	4689.0

Sample Name: CCB Acquired: 6/25/2012 20:07:53 Type: QC
Method: SW84606112012(v13) 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	**27.83**	**-2.387**	**-.1807**	**.5934**	**.2296**	**25.29**
Stddev	22.39	1.147	.3423	.3074	.1491	24.16
%RSD	80.46	48.04	189.4	51.80	64.94	95.53
#1	34.05	-3.652	.1491	.9370	.3946	45.89
#2	46.45	-2.093	-.1570	.4984	.1895	31.30
#3	2.986	-1.416	-.5343	.3447	.1046	-1.307
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	**.0791**	**.2291**	**.3512**	**4.780**	**7.614**	**144.8**
Stddev	.0374	.2192	.8853	1.689	11.82	36.1
%RSD	47.29	95.67	252.1	35.33	155.3	24.95
#1	.1121	-.0158	1.370	5.634	21.14	132.1
#2	.0385	.4068	-.2330	5.872	2.450	185.5
#3	.0866	.2964	-.0833	2.835	-.7486	116.7
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	**9.196**	**.4897**	**-28.63**	**.0450**	**.8583**	**-.4997**
Stddev	7.605	.3898	23.52	.2304	1.504	2.608
%RSD	82.70	79.59	82.16	511.5	175.2	522.0
#1	17.77	.9088	-2.369	.2362	.0941	-1.449
#2	6.546	.4222	-35.75	-.2107	2.591	-2.500
#3	3.270	.1382	-47.77	.1096	-.1099	2.450
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 20:07:53 Type: QC
Method: SW84606112012(v13) 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	**-1.278**	**-.5291**	**.3160**	**.2027**	**.7599**	**2.875**
Stddev	1.864	.8043	.4961	.2479	.9120	.714
%RSD	145.8	152.0	157.0	122.3	120.0	24.84
#1	.1238	-.8514	.7384	.4667	1.769	3.589
#2	-3.394	-1.122	.4399	.1662	-.0058	2.876
#3	-.5646	.3864	-.2304	-.0250	.5166	2.160
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	**-.2417**	**.5708**	**1.237**	**10.56**
Stddev	.7028	.5922	.618	15.09
%RSD	290.8	103.7	49.93	142.8
#1	-.0341	1.176	1.948	12.62
#2	-1.025	.5434	.9384	24.52
#3	.3339	-.0073	.8259	-5.447
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	**2349.8**	**26544.**	**4762.1**
Stddev	3.5	81.	3.9
%RSD	.14772	.30634	.08105
#1	2350.6	26457.	4762.0
#2	2346.0	26617.	4758.2
#3	2352.9	26559.	4765.9

Sample Name: mb 460-117300/1-a@2 Acquired: 6/25/2012 20:11:39 Type: QC
Method: SW84606112012(v13) 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	**36.35**	**-1.563**	**.2550**	**.1469**	**.0091**	**49.01**
Stddev	4.96	.291	.4034	.0886	.1478	6.43
%RSD	13.64	18.64	158.2	60.28	1621.	13.11
#1	33.83	-1.681	.5694	.0778	.1219	50.48
#2	33.16	-1.231	-.1999	.2468	.0637	41.97
#3	42.07	-1.776	.3956	.1162	-.1582	54.57
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	**.0317**	**-.2075**	**.0729**	**3.652**	**3.832**	**64.81**
Stddev	.0157	.1765	.1228	5.827	14.11	60.34
%RSD	49.34	85.07	168.4	159.6	368.3	93.09
#1	.0148	-.3461	-.0533	-1.528	19.97	91.93
#2	.0457	-.2675	.1921	9.961	-6.174	106.8
#3	.0347	-.0088	.0800	2.522	-2.302	-4.326
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	**-4.642**	**.0421**	**-29.90**	**-.5989**	**.6617**	**-.4994**
Stddev	2.183	.1067	9.53	.3108	.3080	1.817
%RSD	47.02	253.6	31.86	51.89	46.54	363.9
#1	-6.870	.1364	-34.74	-.4085	.4001	-.1657
#2	-4.546	.0635	-18.93	-.9575	.5840	-2.460
#3	-2.508	-.0737	-36.05	-.4307	1.001	1.128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117300/1-a@2 Acquired: 6/25/2012 20:11:39 Type: QC
Method: SW84606112012(v13) 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	**-1.692**	**-1.964**	**.1287**	**.2829**	**4.772**	**.9058**
Stddev	1.400	1.448	.7214	.1750	.901	.3130
%RSD	82.72	73.70	560.4	61.85	18.88	34.55
#1	-2.065	-.7358	-.7042	.2579	4.516	.9952
#2	-.1435	-1.597	.5574	.4690	4.026	1.164
#3	-2.867	-3.561	.5331	.1218	5.773	.5578
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	**-.3852**	**.3947**	**.0213**	**34.23**
Stddev	.8786	.0425	1.637	8.96
%RSD	228.1	10.76	7680.	26.17
#1	-1.094	.3777	-.9209	24.07
#2	.5977	.3633	-.9271	37.63
#3	-.6591	.4430	1.912	41.00
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	**2294.7**	**26151.**	**4663.2**
Stddev	11.5	104.	43.1
%RSD	.50010	.39856	.92431
#1	2284.4	26031.	4614.4
#2	2292.6	26204.	4679.5
#3	2307.1	26219.	4695.8

Sample Name: sd 460-41482-g-1-b@2 Acquired: 6/25/2012 20:15:22 Type: Unk
Method: SW84606112012(v13) 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	**7802.**	**2.248**	**-.5715**	**51.69**	**.5404**	**910.5**
Stddev	15.	2.563	.5153	.12	.0753	14.9
%RSD	.1907	114.0	90.18	.2408	13.94	1.639
#1	7803.	1.451	-.9803	51.83	.6273	896.3
#2	7817.	5.115	-.7415	51.64	.4946	909.2
#3	7787.	.1781	.0074	51.59	.4991	926.1
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	**-.1398**	**6.600**	**14.41**	**46.01**	**18000.**	**1076.**
Stddev	.0206	.113	.28	3.03	10.	42.
%RSD	14.73	1.719	1.933	6.581	.0573	3.917
#1	-.1160	6.731	14.20	46.40	18010.	1105.
#2	-.1520	6.532	14.31	42.81	18010.	1096.
#3	-.1514	6.537	14.73	48.83	17990.	1028.
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	**3585.**	**397.1**	**3.319**	**15.29**	**11.02**	**-1.351**
Stddev	6.	.4	7.928	.39	1.24	2.099
%RSD	.1599	.0937	238.8	2.526	11.23	155.3
#1	3580.	397.5	-4.431	15.19	12.39	.6555
#2	3591.	396.8	11.41	14.97	9.989	-1.178
#3	3583.	396.9	2.975	15.72	10.67	-3.532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41482-g-1-b@2 Acquired: 6/25/2012 20:15:22 Type: Unk
Method: SW84606112012(v13) 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	**-4.024**	**.9861**	**16.09**	**45.10**	**6.207**	**.2832**
Stddev	3.480	1.776	.65	.23	.395	.1580
%RSD	86.49	180.1	4.028	.5093	6.367	55.79
#1	-7.905	-.9124	16.84	44.98	6.153	.4618
#2	-1.182	1.264	15.76	44.95	5.842	.1616
#3	-2.984	2.607	15.68	45.36	6.627	.2262
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	**.2342**	**9.723**	**192.4**	**147.7**
Stddev	.9856	.180	3.1	11.2
%RSD	420.8	1.852	1.634	7.556
#1	.1527	9.896	194.3	137.7
#2	1.258	9.736	194.1	159.8
#3	-.7081	9.537	188.7	145.7
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	**2406.6**	**27033.**	**4854.1**
Stddev	3.6	123.	14.5
%RSD	.15049	.45359	.29844
#1	2408.9	27175.	4868.6
#2	2408.4	26967.	4839.6
#3	2402.4	26958.	4853.9

Sample Name: 460-41482-g-1-d ms@4 Acquired: 6/25/2012 20:19:01 Type: Unk
Method: SW84606112012(v13) 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	**45020.**	**884.5**	**21.44**	**1182.**	**25.51**	**13910.**
Stddev	220.	6.2	1.07	3.	.06	39.
%RSD	.4895	.7002	4.971	.2166	.2541	.2806
#1	44790.	877.7	20.80	1180.	25.57	13870.
#2	45230.	889.8	22.67	1185.	25.44	13920.
#3	45040.	886.0	20.84	1181.	25.51	13950.
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	**23.20**	**267.4**	**164.0**	**312.4**	**83260.**	**15330.**
Stddev	.13	.3	.4	1.9	151.	16.
%RSD	.5688	.1251	.2739	.6171	.1809	.1031
#1	23.29	267.7	164.3	310.2	83400.	15310.
#2	23.27	267.1	164.3	313.8	83280.	15340.
#3	23.05	267.4	163.5	313.2	83100.	15340.
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	**25530.**	**1981.**	**9448.**	**312.5**	**287.7**	**133.9**
Stddev	41.	2.	27.	.5	.7	3.1
%RSD	.1595	.1004	.2816	.1697	.2435	2.332
#1	25570.	1983.	9423.	312.6	287.4	135.5
#2	25510.	1981.	9476.	313.0	288.5	135.8
#3	25500.	1979.	9446.	312.0	287.2	130.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41482-g-1-d ms@4 Acquired: 6/25/2012 20:19:01 Type: Unk
Method: SW84606112012(v13) 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	**851.5**	**986.1**	**301.9**	**446.8**	**258.8**	**225.1**
Stddev	2.6	.7	.4	.6	1.1	.3
%RSD	.3075	.0754	.1407	.1404	.4205	.1189
#1	854.1	986.6	302.0	447.2	258.8	224.8
#2	848.8	986.4	302.2	447.2	257.7	225.1
#3	851.7	985.3	301.4	446.1	259.9	225.3
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	**232.9**	**277.2**	**1038.**	**1422.**
Stddev	1.3	.6	3.	8.
%RSD	.5423	.1992	.3067	.5589
#1	232.7	277.0	1035.	1414.
#2	231.7	277.8	1040.	1422.
#3	234.2	276.8	1040.	1430.
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	**2419.8**	**27066.**	**4990.4**
Stddev	4.2	92.	14.0
%RSD	.17304	.34021	.28059
#1	2421.0	26972.	5000.4
#2	2423.3	27156.	4974.4
#3	2415.2	27070.	4996.3

Sample Name: pds 460-41482-g-1-b@ Acquired: 6/25/2012 20:22:30 Type: Unk
Method: SW84606112012(v13) 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	**39780.**	**1775.**	**45.36**	**2130.**	**48.49**	**23140.**
Stddev	81.	3.	.67	6.	.23	43.
%RSD	.2030	.1933	1.485	.3016	.4716	.1839
#1	39700.	1771.	44.94	2134.	48.74	23110.
#2	39860.	1778.	46.13	2133.	48.28	23190.
#3	39780.	1775.	44.99	2122.	48.47	23110.
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	**46.33**	**501.6**	**261.5**	**459.8**	**88360.**	**22930.**
Stddev	.12	1.2	.3	3.3	136.	49.
%RSD	.2597	.2331	.1178	.7180	.1538	.2117
#1	46.42	502.0	261.3	457.9	88410.	22880.
#2	46.19	502.5	261.4	463.6	88470.	22960.
#3	46.36	500.2	261.9	458.0	88210.	22970.
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	**35100.**	**2417.**	**18480.**	**550.8**	**526.6**	**428.5**
Stddev	47.	3.	18.	2.1	2.0	3.8
%RSD	.1326	.1230	.0981	.3727	.3734	.8904
#1	35090.	2418.	18500.	551.9	527.7	430.3
#2	35150.	2419.	18460.	552.2	527.8	431.0
#3	35060.	2414.	18480.	548.5	524.4	424.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41482-g-1-b@ Acquired: 6/25/2012 20:22:30 Type: Unk
Method: SW84606112012(v13) 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	**1742.**	**1951.**	**539.9**	**683.6**	**491.4**	**460.1**
Stddev	5.	7.	1.5	1.2	1.3	1.4
%RSD	.2866	.3461	.2709	.1692	.2553	.2942
#1	1748.	1957.	540.2	684.0	492.1	459.8
#2	1739.	1952.	541.1	684.5	489.9	461.6
#3	1740.	1943.	538.3	682.3	492.1	458.9
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	**467.5**	**499.9**	**1425.**	**756.0**
Stddev	1.2	.7	2.	27.5
%RSD	.2560	.1453	.1266	3.636
#1	468.1	499.2	1426.	743.2
#2	468.2	500.7	1423.	737.2
#3	466.1	499.8	1426.	787.5
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	**2415.5**	**26942.**	**5009.3**
Stddev	3.4	82.	31.9
%RSD	.14196	.30504	.63751
#1	2412.1	26961.	4975.7
#2	2418.9	27013.	5012.9
#3	2415.4	26852.	5039.2

Sample Name: 460-41629-f-1-a@4 Acquired: 6/25/2012 20:25:54 Type: Unk
Method: SW84606112012(v13) 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	**37190.**	**29.73**	**-.5293**	**250.7**	**1.068**	F **336600.**
Stddev	91.	3.19	.4670	.9	.063	1517.
%RSD	.2456	10.74	88.23	.3717	5.883	.4506
#1	37110.	26.06	.0005	251.6	1.060	335100.
#2	37290.	31.90	-.7069	250.9	1.135	338100.
#3	37160.	31.22	-.8815	249.7	1.010	336700.
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	**.4558**	**20.75**	**52.16**	**213.1**	**40180.**	**14520.**
Stddev	.0898	.25	.42	3.2	145.	98.
%RSD	19.70	1.187	.7968	1.520	.3599	.6761
#1	.4670	21.02	52.50	209.6	40100.	14420.
#2	.3610	20.68	51.70	216.1	40350.	14620.
#3	.5396	20.54	52.28	213.6	40100.	14520.
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	**20320.**	**1027.**	**7017.**	**46.73**	**49.98**	**.0093**
Stddev	44.	2.	31.	.22	1.33	1.513
%RSD	.2160	.2038	.4391	.4813	2.667	16260.
#1	20300.	1025.	6989.	46.84	48.48	1.311
#2	20370.	1029.	7050.	46.48	51.04	.3671
#3	20300.	1026.	7011.	46.88	50.42	-1.650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-1-a@4 Acquired: 6/25/2012 20:25:54 Type: Unk
Method: SW84606112012(v13) 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	**-3.930**	**-1.068**	**64.70**	**214.7**	**64.90**	**2.631**
Stddev	2.998	1.261	.45	.9	.76	.441
%RSD	76.26	118.1	.6925	.4205	1.165	16.77
#1	-.5375	.3094	65.22	215.6	65.78	2.216
#2	-6.220	-2.167	64.45	214.9	64.44	3.095
#3	-5.034	-1.346	64.43	213.8	64.50	2.582
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	**7.789**	**2234.**	**2022.**	**1397.**
Stddev	.603	8.	13.	17.
%RSD	7.738	.3545	.6524	1.249
#1	8.465	2226.	2014.	1382.
#2	7.595	2242.	2038.	1392.
#3	7.307	2233.	2016.	1416.
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	**2285.4**	**25415.**	**4863.5**
Stddev	1.5	65.	18.8
%RSD	.06360	.25627	.38702
#1	2283.9	25491.	4885.0
#2	2286.8	25380.	4850.1
#3	2285.5	25375.	4855.4

Sample Name: 460-41629-f-2-a@4 Acquired: 6/25/2012 20:29:31 Type: Unk
Method: SW84606112012(v13) 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	**18620.**	**11.54**	**-.5792**	**133.6**	**1.043**	**91100.**
Stddev	71.	1.46	.5224	.3	.062	214.
%RSD	.3823	12.64	90.20	.2187	5.912	.2346
#1	18700.	10.17	-.5167	133.7	1.038	91340.
#2	18580.	13.07	-.0909	133.8	1.107	90970.
#3	18580.	11.37	-1.130	133.3	.9840	90970.
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	**.1541**	**16.86**	**101.1**	**69.84**	**38080.**	**4643.**
Stddev	.0394	.32	.6	1.09	29.	11.
%RSD	25.56	1.902	.5919	1.564	.0764	.2425
#1	.1994	16.77	101.3	71.00	38080.	4654.
#2	.1276	17.22	101.5	68.83	38050.	4644.
#3	.1354	16.60	100.4	69.70	38110.	4632.
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	**9484.**	**644.9**	**1753.**	**39.76**	**74.14**	**1.177**
Stddev	23.	.3	18.	.06	.40	3.649
%RSD	.2429	.0455	1.043	.1527	.5381	310.0
#1	9511.	644.9	1765.	39.73	73.78	-2.591
#2	9470.	644.7	1762.	39.83	74.08	4.693
#3	9473.	645.3	1732.	39.72	74.57	1.429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-2-a@4 Acquired: 6/25/2012 20:29:31 Type: Unk
Method: SW84606112012(v13) 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	**-3.991**	**-2.837**	**52.97**	**171.3**	**25.77**	**.9217**
Stddev	2.440	.462	.39	.1	.74	.1785
%RSD	61.12	16.27	.7382	.0365	2.861	19.36
#1	-6.242	-3.137	53.33	171.3	25.72	1.079
#2	-4.334	-3.070	52.55	171.2	25.06	.9587
#3	-1.399	-2.306	53.02	171.3	26.53	.7276
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	**3.982**	**535.0**	**787.0**	**2413.**
Stddev	.356	2.0	1.9	69.
%RSD	8.937	.3667	.2411	2.849
#1	3.778	537.3	788.9	2486.
#2	4.393	533.8	787.0	2402.
#3	3.776	534.0	785.1	2350.
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	**2348.4**	**26246.**	**4859.3**
Stddev	4.1	81.	4.8
%RSD	.17549	.30813	.09937
#1	2352.7	26275.	4859.6
#2	2347.9	26307.	4854.3
#3	2344.5	26154.	4863.9

Sample Name: 460-41629-f-3-a@4 Acquired: 6/25/2012 20:33:08 Type: Unk
Method: SW84606112012(v13) 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	**26330.**	**9.408**	**.0865**	**196.3**	**.9095**	F **271600.**
Stddev	74.	2.680	.1546	.9	.1248	326.
%RSD	.2825	28.49	178.7	.4708	13.72	.1199
#1	26340.	9.141	-.0914	196.8	1.053	271900.
#2	26400.	12.21	.1637	196.9	.8266	271400.
#3	26250.	6.872	.1874	195.3	.8488	271300.
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	**-.0750**	**13.11**	**46.07**	**98.93**	**35690.**	**13840.**
Stddev	.0991	.40	.13	5.93	102.	45.
%RSD	132.0	3.014	.2847	5.990	.2852	.3282
#1	.0070	12.87	46.04	104.4	35750.	13870.
#2	-.0471	12.90	46.21	92.63	35750.	13860.
#3	-.1851	13.57	45.95	99.77	35570.	13790.
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	**13970.**	**707.9**	**6114.**	**32.83**	**36.72**	**-2.488**
Stddev	41.	1.5	14.	.22	1.21	1.951
%RSD	.2970	.2079	.2246	.6816	3.291	78.40
#1	13990.	708.6	6127.	32.58	38.06	-4.526
#2	14000.	709.0	6115.	32.98	35.71	-2.301
#3	13920.	706.3	6099.	32.94	36.40	-.6377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-3-a@4 Acquired: 6/25/2012 20:33:08 Type: Unk
Method: SW84606112012(v13) 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	**-3.844**	**-2.437**	**46.77**	**159.6**	**49.55**	**1.478**
Stddev	3.201	1.785	.53	.6	1.19	.297
%RSD	83.28	73.24	1.126	.3495	2.397	20.07
#1	-4.621	-.6562	47.22	159.9	49.71	1.357
#2	-.3254	-4.225	46.90	160.0	50.65	1.816
#3	-6.584	-2.428	46.19	159.0	48.29	1.261
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	**6.815**	**1898.**	**1082.**	**962.5**
Stddev	.951	3.	3.	8.8
%RSD	13.95	.1552	.3152	.9179
#1	7.651	1901.	1086.	953.3
#2	5.781	1896.	1081.	963.3
#3	7.014	1896.	1079.	970.9
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	**2277.5**	**25359.**	**4799.0**
Stddev	3.5	122.	22.6
%RSD	.15296	.48038	.47136
#1	2274.1	25263.	4773.4
#2	2277.2	25317.	4807.3
#3	2281.1	25496.	4816.3

Sample Name: 460-41629-f-4-a@4 Acquired: 6/25/2012 20:36:45 Type: Unk
Method: SW84606112012(v13) 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	**30000.**	**8.005**	**-.2600**	**181.2**	**.9204**	F **327500.**
Stddev	35.	.469	.4859	.1	.1042	787.
%RSD	.1156	5.858	186.9	.0769	11.32	.2402
#1	29970.	7.920	.0700	181.3	.8414	326800.
#2	30020.	7.584	-.8180	181.3	.8814	327400.
#3	30030.	8.511	-.0320	181.1	1.038	328400.
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	**11.00**	**13.53**	**44.79**	**71.05**	**27440.**	**12280.**
Stddev	.01	.32	.63	1.03	58.	78.
%RSD	.1220	2.369	1.415	1.456	.2112	.6336
#1	10.98	13.88	44.06	70.08	27480.	12200.
#2	11.01	13.46	45.20	70.93	27460.	12310.
#3	11.00	13.25	45.10	72.14	27370.	12350.
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.**	**1180.**	**14900.**	**40.28**	**14.80**	**-.6758**
Stddev	9.	1.	39.	.32	1.47	1.819
%RSD	.0601	.0598	.2605	.8034	9.925	269.2
#1	15070.	1180.	14850.	40.04	15.36	-2.579
#2	15070.	1179.	14920.	40.65	15.91	-.4939
#3	15060.	1180.	14920.	40.14	13.14	1.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-4-a@4 Acquired: 6/25/2012 20:36:45 Type: Unk
Method: SW84606112012(v13) 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	**-1.802**	**-2.753**	**59.17**	**86.92**	**89.29**	**2.264**
Stddev	4.707	1.046	.81	.32	.55	.416
%RSD	261.2	37.99	1.366	.3680	.6211	18.38
#1	.4059	-2.426	59.51	86.83	88.73	2.548
#2	-7.208	-1.910	58.24	87.28	89.84	2.458
#3	1.396	-3.923	59.75	86.66	89.30	1.787
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	**-.1957**	**2241.**	**1200.**	**961.3**
Stddev	.3640	7.	3.	9.2
%RSD	186.0	.3186	.2307	.9610
#1	-.1128	2236.	1197.	951.7
#2	.1198	2238.	1199.	970.2
#3	-.5939	2249.	1203.	962.0
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	**2278.6**	**25344.**	**4839.5**
Stddev	1.7	47.	15.5
%RSD	.07623	.18582	.32097
#1	2280.4	25306.	4824.2
#2	2277.0	25397.	4839.1
#3	2278.5	25329.	4855.2

Sample Name: 460-41629-f-5-a@4 Acquired: 6/25/2012 20:40:23 Type: Unk
Method: SW84606112012(v13) 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	**35920.**	**9.773**	**-.7967**	**223.8**	**1.226**	F **327500.**
Stddev	84.	.509	.1547	.5	.054	1016.
%RSD	.2339	5.210	19.42	.2362	4.433	.3102
#1	35920.	9.200	-.6750	224.2	1.280	327800.
#2	35840.	9.947	-.7442	223.8	1.225	326300.
#3	36010.	10.17	-.9708	223.2	1.172	328300.
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	**-.0052**	**22.29**	**45.17**	**83.08**	**39550.**	**6353.**
Stddev	.0643	.09	.13	1.89	83.	75.
%RSD	1236.	.3835	.2934	2.280	.2094	1.182
#1	.0057	22.36	45.21	84.78	39550.	6402.
#2	.0530	22.20	45.02	83.42	39630.	6390.
#3	-.0743	22.32	45.28	81.04	39470.	6266.
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	**19160.**	**897.5**	**4234.**	**37.04**	**19.90**	**-1.950**
Stddev	48.	1.7	15.	.15	1.34	2.160
%RSD	.2479	.1936	.3461	.4087	6.755	110.7
#1	19210.	897.8	4250.	36.95	20.70	-4.444
#2	19150.	899.0	4221.	37.21	20.65	-.7235
#3	19110.	895.6	4233.	36.95	18.35	-.6836
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-5-a@4 Acquired: 6/25/2012 20:40:23 Type: Unk
Method: SW84606112012(v13) 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	**-2.976**	**-.1771**	**58.90**	**182.9**	**60.47**	**2.607**
Stddev	1.184	1.205	.31	.3	.75	.268
%RSD	39.79	680.2	.5261	.1730	1.241	10.29
#1	-3.434	.9147	58.64	182.8	61.29	2.869
#2	-1.631	.0233	58.82	183.3	60.31	2.621
#3	-3.863	-1.469	59.25	182.7	59.81	2.332
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	**7.935**	**1808.**	**1438.**	**1036.**
Stddev	1.622	5.	3.	1.
%RSD	20.44	.2958	.1810	.1281
#1	6.861	1811.	1438.	1034.
#2	9.801	1802.	1435.	1037.
#3	7.143	1811.	1440.	1036.
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	**2276.3**	**25294.**	**4826.2**
Stddev	2.1	61.	25.9
%RSD	.09333	.24225	.53752
#1	2273.9	25238.	4819.7
#2	2277.3	25286.	4854.8
#3	2277.7	25360.	4804.1

Sample Name: 460-41629-f-6-a@4 Acquired: 6/25/2012 20:44:01 Type: Unk
Method: SW84606112012(v13) 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	**33110.**	**7.294**	**-.9116**	**230.4**	**1.069**	F **289000.**
Stddev	36.	1.095	.3037	.3	.027	548.
%RSD	.1085	15.02	33.31	.1189	2.483	.1895
#1	33070.	6.723	-.5926	230.1	1.039	289100.
#2	33110.	6.603	-1.197	230.6	1.081	288400.
#3	33140.	8.557	-.9451	230.3	1.088	289500.
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	**-.1669**	**19.53**	**47.02**	**85.27**	**33550.**	**12910.**
Stddev	.1324	.13	.50	1.98	54.	58.
%RSD	79.33	.6584	1.053	2.326	.1595	.4471
#1	-.1147	19.65	47.37	86.70	33590.	12920.
#2	-.0686	19.39	46.45	86.10	33490.	12850.
#3	-.3176	19.54	47.23	83.00	33570.	12970.
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	**15520.**	**862.3**	**8151.**	**36.60**	**24.35**	**-.3402**
Stddev	9.	1.2	18.	.32	1.53	2.317
%RSD	.0565	.1338	.2175	.8647	6.273	681.1
#1	15520.	862.0	8153.	36.58	25.04	-3.001
#2	15530.	861.3	8132.	36.93	25.40	1.234
#3	15510.	863.6	8167.	36.29	22.60	.7470
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-6-a@4 Acquired: 6/25/2012 20:44:01 Type: Unk
Method: SW84606112012(v13) 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	**-3.018**	**-2.499**	**51.71**	**185.4**	**54.31**	**3.687**
Stddev	1.380	.263	.22	.4	.99	.085
%RSD	45.73	10.53	.4319	.2268	1.817	2.306
#1	-1.450	-2.679	51.75	185.2	55.44	3.655
#2	-3.556	-2.620	51.91	185.9	53.66	3.784
#3	-4.048	-2.197	51.47	185.1	53.82	3.623
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	**9.877**	**1854.**	**1294.**	**827.6**
Stddev	.239	3.	4.	10.8
%RSD	2.425	.1826	.3206	1.304
#1	9.998	1855.	1296.	820.7
#2	9.601	1850.	1289.	840.0
#3	10.03	1856.	1296.	822.1
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	**2266.4**	**25092.**	**4771.1**
Stddev	2.8	49.	26.9
%RSD	.12158	.19590	.56321
#1	2269.5	25036.	4740.1
#2	2265.8	25115.	4784.7
#3	2264.1	25126.	4788.4

Sample Name: CCV Acquired: 6/25/2012 20:47:40 Type: QC
Method: SW84606112012(v13) 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	**123400.**	**2450.**	**1235.**	**9991.**	**985.7**	**125000.**
Stddev	299.	9.	2.	8.	2.4	269.
%RSD	.2420	.3636	.1293	.0775	.2406	.2149
#1	123200.	2450.	1235.	9995.	983.1	124800.
#2	123800.	2458.	1236.	9995.	987.7	125300.
#3	123400.	2440.	1233.	9982.	986.4	125000.
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	**1253.**	**2483.**	**5024.**	**12330.**	**99710.**	**49020.**
Stddev	1.	1.	8.	37.	66.	205.
%RSD	.0900	.0504	.1587	.3019	.0662	.4190
#1	1253.	2482.	5030.	12290.	99750.	48780.
#2	1254.	2485.	5027.	12370.	99750.	49170.
#3	1252.	2483.	5015.	12340.	99640.	49090.
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	**123000.**	**5093.**	**122800.**	**2522.**	**7536.**	**992.0**
Stddev	109.	10.	245.	3.	4.	6.5
%RSD	.0885	.1966	.1990	.1276	.0537	.6580
#1	123100.	5095.	122600.	2524.	7536.	985.5
#2	123000.	5102.	123100.	2524.	7540.	998.6
#3	122900.	5083.	122800.	2518.	7532.	991.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 20:47:40 Type: QC
Method: SW84606112012(v13) 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	**2412.**	**2553.**	**2481.**	**2471.**	**1004.**	**2491.**
Stddev	9.	6.	3.	2.	2.	4.
%RSD	.3741	.2187	.1205	.0803	.2118	.1663
#1	2421.	2558.	2483.	2473.	1003.	2492.
#2	2410.	2554.	2482.	2472.	1006.	2495.
#3	2403.	2547.	2477.	2469.	1002.	2487.
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	**989.8**	**5021.**	**9806.**	**9822.**
Stddev	.8	13.	33.	44.
%RSD	.0839	.2592	.3391	.4524
#1	990.7	5006.	9768.	9797.
#2	989.1	5030.	9820.	9796.
#3	989.6	5026.	9830.	9874.
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	**2180.4**	**24132.**	**4659.2**
Stddev	4.6	71.	11.1
%RSD	.21054	.29357	.23811
#1	2176.8	24060.	4659.8
#2	2178.9	24136.	4647.8
#3	2185.6	24201.	4669.9

Sample Name: CCB Acquired: 6/25/2012 20:51:00 Type: QC
Method: SW84606112012(v13) 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	**16.67**	**-1.309**	**.3603**	**.5075**	**.0953**	**10.15**
Stddev	19.68	1.522	.6786	.4768	.0947	24.06
%RSD	118.0	116.3	188.4	93.96	99.38	237.1
#1	32.27	-2.183	.8508	1.057	.1946	32.89
#2	23.19	.4488	-.4142	.2693	.0060	-15.05
#3	-5.436	-2.192	.6442	.1967	.0853	12.61
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	**.0660**	**-.0072**	**.3078**	**3.944**	**12.00**	**127.7**
Stddev	.0522	.1862	.6701	2.810	11.83	85.8
%RSD	79.08	2590.	217.7	71.26	98.54	67.24
#1	.0278	.1749	1.069	5.477	18.46	217.7
#2	.0448	-.1973	.0481	5.654	-1.648	118.5
#3	.1255	.0008	-.1935	.7002	19.19	46.76
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	**10.52**	**.5007**	**-35.03**	**-.0527**	**.7074**	**-2.359**
Stddev	9.30	.4395	19.64	.1620	.3218	.496
%RSD	88.48	87.77	56.06	307.1	45.50	21.03
#1	21.19	.9814	-13.00	-.1109	1.077	-2.928
#2	6.236	.4013	-41.41	.1303	.4864	-2.137
#3	4.121	.1195	-50.68	-.1775	.5592	-2.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 20:51:00 Type: QC
Method: SW84606112012(v13) 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	**-3.222**	**-.6654**	**.7493**	**.0944**	**.7147**	**2.935**
Stddev	3.024	.4904	.3235	.1814	.8831	.308
%RSD	93.87	73.69	43.18	192.1	123.6	10.48
#1	-5.935	-1.194	1.057	.2374	1.532	3.245
#2	.0391	-.2259	.4124	.1556	-.2218	2.930
#3	-3.770	-.5760	.7779	-.1097	.8334	2.630
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**	**.6577**	**1.997**	**16.93**
Stddev	.7842	.6434	.315	20.93
%RSD	205.3	97.82	15.78	123.6
#1	1.287	1.388	2.171	40.67
#2	-.0508	.4131	2.187	1.099
#3	-.0903	.1726	1.633	9.034
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	**2341.8**	**26396.**	**4707.7**
Stddev	8.6	50.	18.7
%RSD	.36539	.19031	.39619
#1	2350.7	26418.	4729.0
#2	2341.1	26432.	4694.1
#3	2333.6	26339.	4700.1

Sample Name: 460-41629-f-7-a@4 Acquired: 6/25/2012 20:54:45 Type: Unk
Method: SW84606112012(v13) 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.**	**10.43**	**-.7304**	**240.2**	**1.680**	F **308100.**
Stddev	126.	.85	.4736	.8	.173	974.
%RSD	.3426	8.138	64.84	.3481	10.27	.3161
#1	36630.	9.639	-1.149	240.9	1.487	307900.
#2	36860.	10.33	-.2164	239.3	1.819	309100.
#3	36660.	11.33	-.8257	240.5	1.734	307200.
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	**-.1351**	**29.80**	**109.1**	**148.5**	**48570.**	**16440.**
Stddev	.0778	.54	.4	1.0	16.	84.
%RSD	57.55	1.799	.3616	.6885	.0328	.5115
#1	-.1829	29.41	109.3	148.7	48570.	16420.
#2	-.0454	30.41	109.3	149.3	48580.	16540.
#3	-.1770	29.57	108.7	147.3	48550.	16380.
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	**24450.**	**950.3**	**8943.**	**57.65**	**40.37**	**-1.674**
Stddev	11.	1.8	5.	.30	.60	2.364
%RSD	.0432	.1879	.0529	.5271	1.498	141.2
#1	24440.	950.1	8938.	57.93	41.07	-1.020
#2	24460.	952.2	8946.	57.70	40.01	.2940
#3	24440.	948.7	8945.	57.33	40.04	-4.296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-7-a@4 Acquired: 6/25/2012 20:54:45 Type: Unk
Method: SW84606112012(v13) 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	**-3.077**	**-2.362**	**76.24**	**353.8**	**52.54**	**3.519**
Stddev	2.530	2.036	.67	1.0	.14	.289
%RSD	82.23	86.19	.8767	.2855	.2633	8.207
#1	-.1649	-2.343	76.55	354.9	52.55	3.744
#2	-4.739	-4.407	75.47	353.5	52.40	3.194
#3	-4.327	-.3357	76.70	353.0	52.68	3.621
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	**30.61**	**1509.**	**1260.**	**946.7**
Stddev	1.12	5.	5.	9.7
%RSD	3.655	.3140	.3936	1.026
#1	29.79	1508.	1264.	936.1
#2	30.15	1514.	1262.	955.2
#3	31.89	1505.	1254.	948.9
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	**2266.2**	**25151.**	**4798.5**
Stddev	10.1	17.	26.7
%RSD	.44623	.06932	.55544
#1	2256.9	25169.	4774.0
#2	2277.0	25150.	4794.6
#3	2264.8	25135.	4826.9

Sample Name: 460-41629-f-8-a@4 Acquired: 6/25/2012 20:58:21 Type: Unk
Method: SW84606112012(v13) 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	**24360.**	**7.482**	**-.4822**	**161.5**	**.9724**	**220000.**
Stddev	65.	.153	.2585	.1	.2684	461.
%RSD	.2680	2.043	53.61	.0536	27.60	.2093
#1	24330.	7.330	-.2176	161.6	.6629	220400.
#2	24440.	7.636	-.4949	161.5	1.140	220200.
#3	24320.	7.479	-.7341	161.5	1.114	219500.
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	**-.0802**	**15.78**	**35.80**	**63.18**	**27360.**	**6986.**
Stddev	.0899	.12	.34	1.00	75.	92.
%RSD	112.2	.7716	.9406	1.587	.2743	1.319
#1	-.0221	15.72	35.41	63.74	27340.	6880.
#2	-.0346	15.71	36.00	63.78	27450.	7030.
#3	-.1838	15.93	35.98	62.03	27300.	7047.
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	**11960.**	**693.6**	**3444.**	**25.96**	**24.40**	**1.463**
Stddev	27.	1.7	11.	.12	1.17	1.044
%RSD	.2251	.2397	.3218	.4738	4.795	71.34
#1	11940.	695.4	3457.	25.82	23.30	2.587
#2	11990.	693.2	3438.	26.06	24.26	.5249
#3	11950.	692.1	3437.	25.99	25.63	1.276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-8-a@4 Acquired: 6/25/2012 20:58:21 Type: Unk
Method: SW84606112012(v13) 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	**-3.449**	**-1.366**	**40.02**	**195.6**	**46.01**	**3.384**
Stddev	2.370	1.789	.23	.6	.40	.013
%RSD	68.71	131.0	.5840	.2876	.8785	.3881
#1	-5.190	.6926	40.17	196.1	46.44	3.368
#2	-.7501	-2.541	39.75	195.8	45.95	3.391
#3	-4.408	-2.248	40.13	195.0	45.64	3.391
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	**8.842**	**1266.**	**952.7**	**917.9**
Stddev	.838	3.	2.1	17.8
%RSD	9.477	.2741	.2245	1.940
#1	7.888	1269.	951.6	934.2
#2	9.179	1267.	955.1	920.6
#3	9.459	1262.	951.3	898.9
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	**2281.3**	**25374.**	**4786.4**
Stddev	3.4	48.	11.7
%RSD	.14878	.18978	.24424
#1	2277.9	25386.	4773.9
#2	2284.6	25321.	4797.0
#3	2281.5	25415.	4788.4

Sample Name: 460-41629-f-9-a@4 Acquired: 6/25/2012 21:01:58 Type: Unk
Method: SW84606112012(v13) 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	**34220.**	**8.843**	**-.5450**	**230.0**	**1.027**	F **302800.**
Stddev	76.	2.700	.3353	1.1	.132	1720.
%RSD	.2215	30.54	61.53	.4841	12.80	.5682
#1	34220.	11.47	-.7507	230.6	1.110	301800.
#2	34150.	6.077	-.7261	230.7	1.096	301800.
#3	34300.	8.981	-.1581	228.7	.8752	304800.
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	**-.1591**	**19.18**	**152.3**	**36.93**	**45050.**	**8404.**
Stddev	.0486	.17	.3	4.81	166.	68.
%RSD	30.56	.8832	.1803	13.03	.3686	.8131
#1	-.1968	19.09	152.6	40.70	45080.	8412.
#2	-.1764	19.08	152.3	31.51	45190.	8332.
#3	-.1042	19.38	152.1	38.58	44870.	8468.
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	**21220.**	**846.3**	**3125.**	**31.98**	**209.5**	**-1.663**
Stddev	67.	1.9	18.	.23	1.4	.610
%RSD	.3139	.2254	.5802	.7214	.6581	36.68
#1	21260.	847.1	3108.	32.00	210.9	-1.941
#2	21260.	847.7	3124.	32.21	208.1	-.9635
#3	21140.	844.2	3144.	31.75	209.5	-2.084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-9-a@4 Acquired: 6/25/2012 21:01:58 Type: Unk
Method: SW84606112012(v13) 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	**-1.470**	**-2.421**	**63.07**	**93.41**	**52.02**	**.9477**
Stddev	3.365	2.558	.72	.66	1.04	.5092
%RSD	228.9	105.7	1.142	.7098	2.005	53.73
#1	-3.670	-3.203	63.59	93.97	52.55	1.532
#2	2.403	-4.497	63.38	93.58	52.70	.7111
#3	-3.145	.4373	62.25	92.67	50.82	.5998
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	**-.8963**	**2499.**	**1442.**	**991.9**
Stddev	.8951	12.	1.	11.7
%RSD	99.87	.4755	.0842	1.183
#1	-.1933	2492.	1443.	979.0
#2	-1.904	2493.	1441.	1002.
#3	-.5916	2513.	1443.	994.9
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	**2274.6**	**25250.**	**4802.0**
Stddev	7.0	158.	25.9
%RSD	.30953	.62475	.54002
#1	2267.6	25088.	4802.2
#2	2274.6	25257.	4827.8
#3	2281.7	25404.	4776.0

Sample Name: 460-41629-f-10-a@4 Acquired: 6/25/2012 21:05:36 Type: Unk
Method: SW84606112012(v13) 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	**34290.**	**6.072**	**-.4437**	**249.1**	**1.044**	F **287800.**
Stddev	69.	1.026	.3802	.3	.075	330.
%RSD	.2018	16.90	85.69	.1277	7.227	.1147
#1	34360.	5.350	-.5213	249.3	.9595	287500.
#2	34270.	5.619	-.0307	248.7	1.104	288100.
#3	34230.	7.247	-.7790	249.2	1.069	287700.
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	**-.0919**	**20.24**	**48.68**	**46.53**	**39350.**	**15220.**
Stddev	.0868	.23	.21	2.56	79.	83.
%RSD	94.48	1.114	.4270	5.493	.2002	.5477
#1	-.0592	20.36	48.47	49.42	39430.	15230.
#2	-.1902	19.98	48.89	44.56	39330.	15300.
#3	-.0262	20.39	48.67	45.60	39280.	15130.
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	**17270.**	**984.9**	**11410.**	**32.98**	**37.98**	**-.1359**
Stddev	44.	3.4	11.	.31	1.67	.7281
%RSD	.2520	.3425	.0988	.9540	4.402	535.7
#1	17310.	987.7	11410.	33.30	36.89	.1626
#2	17230.	985.9	11420.	32.97	39.90	.3955
#3	17280.	981.2	11400.	32.67	37.14	-.9658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41629-f-10-a@4 Acquired: 6/25/2012 21:05:36 Type: Unk
Method: SW84606112012(v13) 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	**-5.022**	**-2.619**	**82.81**	**116.5**	**59.10**	**.7640**
Stddev	.895	1.775	.47	.1	1.00	.1716
%RSD	17.82	67.77	.5673	.0789	1.695	22.45
#1	-4.723	-1.955	82.66	116.6	58.79	.5983
#2	-6.028	-1.271	82.43	116.6	58.28	.7530
#3	-4.315	-4.629	83.33	116.4	60.22	.9408
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	**-.0072**	**2198.**	**1303.**	**897.4**
Stddev	.8514	3.	4.	6.4
%RSD	11800.	.1379	.3213	.7152
#1	.5161	2200.	1308.	896.5
#2	-.9897	2200.	1300.	904.2
#3	.4520	2194.	1303.	891.4
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	**2288.7**	**25273.**	**4816.3**
Stddev	.8	53.	16.9
%RSD	.03379	.20811	.35148
#1	2289.6	25244.	4834.5
#2	2288.2	25334.	4813.3
#3	2288.3	25241.	4801.0

Sample Name: 460-41469-e-4-e@4 Acquired: 6/25/2012 21:09:13 Type: Unk
Method: SW84606112012(v13) 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	**11290.**	**47.84**	**.3114**	**281.2**	**1.759**	**20490.**
Stddev	14.	.74	.4670	.6	.132	13.
%RSD	.1222	1.555	150.0	.2243	7.524	.0647
#1	11300.	47.78	-.2142	280.7	1.899	20500.
#2	11300.	48.62	.6785	281.9	1.636	20490.
#3	11280.	47.13	.4699	280.9	1.740	20480.
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	**.6794**	**16.64**	**29.92**	**410.7**	**33480.**	**1629.**
Stddev	.0330	.33	.47	3.8	107.	55.
%RSD	4.859	1.969	1.564	.9234	.3188	3.387
#1	.7091	16.95	30.46	406.5	33440.	1622.
#2	.6852	16.67	29.72	411.9	33600.	1578.
#3	.6438	16.30	29.59	413.8	33390.	1688.
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	**5513.**	**358.6**	**190.1**	**32.02**	**1176.**	**-.2656**
Stddev	11.	.8	11.0	.28	3.	2.336
%RSD	.1974	.2232	5.794	.8783	.2469	879.5
#1	5506.	359.0	196.6	31.83	1176.	-.1632
#2	5507.	359.1	196.3	31.89	1179.	2.017
#3	5525.	357.7	177.4	32.35	1173.	-2.651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41469-e-4-e@4 Acquired: 6/25/2012 21:09:13 Type: Unk
Method: SW84606112012(v13) 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	**3.592**	**-1.869**	**54.71**	**745.1**	**20.98**	**3.682**
Stddev	2.812	1.662	.17	1.9	.37	.141
%RSD	78.27	88.93	.3025	.2544	1.778	3.815
#1	1.223	-3.680	54.73	745.8	21.23	3.642
#2	2.855	-.4132	54.54	746.7	21.16	3.565
#3	6.699	-1.514	54.87	743.0	20.55	3.838
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	**56.31**	**222.0**	**270.4**	**470.0**
Stddev	.80	.5	.6	6.3
%RSD	1.428	.2101	.2337	1.345
#1	55.70	222.5	270.0	475.3
#2	56.02	221.8	271.1	463.0
#3	57.22	221.7	270.1	471.7
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	**2402.2**	**26992.**	**4928.9**
Stddev	5.9	61.	3.3
%RSD	.24373	.22415	.06596
#1	2408.7	26971.	4931.5
#2	2397.3	26945.	4930.0
#3	2400.5	27060.	4925.3

Sample Name: 460-41489-h-1-c@4 Acquired: 6/25/2012 21:12:48 Type: Unk
Method: SW84606112012(v13) 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	**34140.**	**17.83**	**-2.534**	**233.9**	**2.823**	**121.7**
Stddev	63.	1.73	.614	.4	.053	18.8
%RSD	.1837	9.726	24.24	.1647	1.888	15.43
#1	34170.	19.19	-3.159	233.7	2.849	107.4
#2	34180.	18.42	-1.931	234.4	2.762	114.6
#3	34070.	15.88	-2.512	233.7	2.859	142.9
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	**-1.378**	**1.640**	**168.3**	**33.32**	**162200.**	**69.68**
Stddev	.018	.167	.8	5.31	223.	26.66
%RSD	1.332	10.21	.5029	15.95	.1375	38.26
#1	-1.379	1.523	167.5	27.19	162200.	67.02
#2	-1.396	1.832	169.2	36.03	162500.	44.44
#3	-1.359	1.565	168.3	36.73	162000.	97.57
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	**100.2**	**12.46**	**-173.8**	**3.590**	**51.63**	**-3.989**
Stddev	4.4	.07	10.7	.086	.62	2.076
%RSD	4.433	.5590	6.141	2.395	1.200	52.03
#1	104.6	12.53	-168.3	3.493	51.92	-5.802
#2	100.2	12.45	-166.9	3.622	52.06	-4.439
#3	95.75	12.40	-186.1	3.656	50.92	-1.725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41489-h-1-c@4 Acquired: 6/25/2012 21:12:48 Type: Unk
Method: SW84606112012(v13) 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	**-6.648**	**-1.120**	**294.6**	**25.67**	**2.049**	**12.59**
Stddev	1.878	1.665	.3	.08	.547	.56
%RSD	28.25	148.7	.1134	.3105	26.70	4.479
#1	-8.381	.0072	294.3	25.70	2.611	11.95
#2	-6.911	-.3344	294.9	25.59	2.019	12.99
#3	-4.653	-3.032	294.4	25.74	1.518	12.85
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	**3.992**	**77.45**	**596.7**	**703.3**
Stddev	.037	.29	.7	5.3
%RSD	.9384	.3705	.1255	.7478
#1	4.030	77.70	596.7	705.6
#2	3.955	77.53	595.9	707.1
#3	3.991	77.14	597.4	697.3
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	**2381.0**	**26670.**	**4845.6**
Stddev	6.8	38.	7.9
%RSD	.28583	.14243	.16250
#1	2373.1	26629.	4836.6
#2	2385.4	26705.	4848.8
#3	2384.4	26674.	4851.3

Sample Name: 460-41489-g-2-c@4 Acquired: 6/25/2012 21:16:25 Type: Unk
Method: SW84606112012(v13) 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	**25740.**	**6.680**	**-.8585**	**60.06**	**.9473**	**556.4**
Stddev	53.	1.547	.8864	.14	.1323	2.5
%RSD	.2067	23.17	103.3	.2322	13.97	.4522
#1	25800.	5.031	-.0245	60.21	1.099	558.1
#2	25700.	6.907	-1.789	60.03	.8884	557.5
#3	25730.	8.101	-.7615	59.94	.8548	553.5
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	**-.3227**	**1.357**	**59.70**	**10.15**	**46010.**	**590.7**
Stddev	.1396	.118	.57	1.73	91.	19.2
%RSD	43.27	8.707	.9512	17.02	.1979	3.244
#1	-.2593	1.475	59.84	8.981	46070.	603.6
#2	-.4827	1.238	60.18	12.13	46060.	568.7
#3	-.2260	1.358	59.07	9.335	45910.	600.0
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	**445.6**	**22.49**	**-61.96**	**2.297**	**33.99**	**-1.717**
Stddev	.8	.17	11.55	.136	1.13	1.508
%RSD	.1744	.7420	18.64	5.904	3.311	87.82
#1	445.6	22.53	-60.90	2.251	34.18	-2.712
#2	444.8	22.63	-50.98	2.450	35.01	.0178
#3	446.4	22.31	-74.00	2.190	32.78	-2.457
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41489-g-2-c@4 Acquired: 6/25/2012 21:16:25 Type: Unk
Method: SW84606112012(v13) 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	**-2.479**	**-3.173**	**184.0**	**13.27**	**1.979**	**5.154**
Stddev	.699	1.820	1.3	.04	.979	.199
%RSD	28.20	57.36	.6866	.2760	49.46	3.866
#1	-3.285	-4.588	185.4	13.27	1.329	5.225
#2	-2.038	-1.120	183.9	13.24	1.503	5.307
#3	-2.114	-3.810	182.9	13.31	3.105	4.928
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	**2.189**	**17.12**	**156.6**	**776.7**
Stddev	.588	.16	.9	17.3
%RSD	26.85	.9224	.5767	2.228
#1	1.579	17.20	155.7	766.6
#2	2.751	17.22	156.9	766.8
#3	2.236	16.94	157.4	796.7
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	**2391.8**	**26787.**	**4839.3**
Stddev	7.7	92.	11.6
%RSD	.32024	.34263	.23933
#1	2385.8	26710.	4845.3
#2	2400.4	26762.	4846.7
#3	2389.1	26889.	4826.0

Sample Name: 460-41489-g-3-c@4 Acquired: 6/25/2012 21:20:04 Type: Unk
Method: SW84606112012(v13) 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	**34830.**	**17.28**	**-1.800**	**59.71**	**1.547**	**253.2**
Stddev	47.	1.30	.674	.27	.075	3.7
%RSD	.1353	7.523	37.45	.4456	4.867	1.453
#1	34780.	17.72	-2.473	59.72	1.464	252.4
#2	34880.	15.82	-1.801	59.97	1.612	250.1
#3	34830.	18.31	-1.125	59.44	1.564	257.3
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	**-.9984**	**1.934**	**147.9**	**18.48**	**127000.**	**200.4**
Stddev	.0705	.267	.3	.32	371.	43.4
%RSD	7.065	13.79	.2051	1.744	.2921	21.66
#1	-.9190	2.042	148.2	18.43	127200.	247.9
#2	-1.022	2.130	147.6	18.18	127300.	190.7
#3	-1.054	1.630	148.0	18.82	126600.	162.7
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	**331.9**	**42.78**	**-158.6**	**4.500**	**44.28**	**-6.219**
Stddev	2.9	.22	7.3	.235	1.20	1.704
%RSD	.8594	.5121	4.612	5.234	2.711	27.40
#1	334.6	42.76	-152.8	4.357	45.02	-4.251
#2	329.0	43.01	-166.8	4.370	42.90	-7.242
#3	332.2	42.58	-156.2	4.771	44.93	-7.163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41489-g-3-c@4 Acquired: 6/25/2012 21:20:04 Type: Unk
Method: SW84606112012(v13) 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	**-5.048**	**-2.549**	**234.1**	**25.29**	**1.186**	**8.653**
Stddev	3.893	1.840	.5	.39	.390	.020
%RSD	77.11	72.16	.2184	1.527	32.83	.2321
#1	-9.102	-4.564	233.6	25.73	1.609	8.630
#2	-4.703	-2.125	234.7	25.13	1.106	8.664
#3	-1.339	-.9589	234.0	25.02	.8428	8.666
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	**4.480**	**29.70**	**268.3**	**665.0**
Stddev	.386	.07	1.2	10.9
%RSD	8.625	.2250	.4589	1.644
#1	4.744	29.70	267.7	674.9
#2	4.036	29.76	267.6	666.9
#3	4.659	29.63	269.8	653.2
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	**2369.9**	**26533.**	**4821.8**
Stddev	3.6	80.	3.3
%RSD	.15289	.29978	.06869
#1	2373.1	26539.	4819.5
#2	2370.5	26450.	4820.3
#3	2366.0	26609.	4825.6

Sample Name: 460-41489-g-4-c@4 Acquired: 6/25/2012 21:23:42 Type: Unk
Method: SW84606112012(v13) 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	**40100.**	**14.25**	**-1.766**	**196.2**	**2.134**	**673.9**
Stddev	23.	2.90	.724	.4	.140	20.8
%RSD	.0563	20.37	41.02	.2040	6.567	3.084
#1	40100.	13.71	-.9317	196.6	2.241	697.3
#2	40080.	17.38	-2.236	196.3	2.184	667.0
#3	40120.	11.65	-2.129	195.8	1.975	657.5
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	**-.6359**	**16.96**	**117.6**	**35.65**	**102500.**	**974.0**
Stddev	.0453	.31	.4	.69	156.	97.5
%RSD	7.120	1.829	.3812	1.948	.1525	10.02
#1	-.5839	17.28	117.4	36.46	102400.	1066.
#2	-.6572	16.67	118.2	35.28	102700.	871.9
#3	-.6666	16.92	117.4	35.23	102600.	983.9
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	**1052.**	**786.2**	**-116.6**	**13.28**	**59.39**	**-2.817**
Stddev	2.	1.7	21.9	.62	.99	3.166
%RSD	.2152	.2120	18.76	4.680	1.669	112.4
#1	1050.	785.1	-92.40	13.77	59.69	-.6849
#2	1053.	785.3	-135.0	12.58	60.20	-1.312
#3	1054.	788.1	-122.3	13.49	58.28	-6.455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41489-g-4-c@4 Acquired: 6/25/2012 21:23:42 Type: Unk
Method: SW84606112012(v13) 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	**-3.390**	**-1.454**	**193.3**	**55.59**	**3.214**	**4.525**
Stddev	3.075	1.333	.2	.05	.700	.072
%RSD	90.69	91.66	.0838	.0958	21.77	1.599
#1	-5.503	-2.202	193.2	55.64	4.006	4.562
#2	-4.805	-2.244	193.2	55.59	2.955	4.572
#3	.1370	.0847	193.5	55.53	2.681	4.442
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	**3.137**	**36.53**	**281.6**	**781.4**
Stddev	.697	.27	.8	3.0
%RSD	22.22	.7416	.2775	.3810
#1	3.105	36.24	281.7	784.2
#2	2.456	36.78	280.7	778.3
#3	3.849	36.57	282.3	781.7
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	**2395.9**	**26851.**	**4906.2**
Stddev	2.4	45.	11.6
%RSD	.10070	.16606	.23724
#1	2393.2	26899.	4904.0
#2	2397.8	26844.	4918.8
#3	2396.7	26811.	4895.8

Sample Name: 460-41621-a-6-a@4 Acquired: 6/25/2012 21:27:19 Type: Unk
Method: SW84606112012(v13) 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	**1778.**	**-.6409**	**.1117**	**40.04**	**.3183**	**7066.**
Stddev	17.	.7041	.1748	.15	.0455	25.
%RSD	.9784	109.9	156.5	.3701	14.29	.3542
#1	1795.	.1271	.1557	40.16	.3675	7093.
#2	1760.	-1.256	-.0809	40.08	.2778	7062.
#3	1780.	-.7938	.2604	39.88	.3097	7043.
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	**2.190**	**1.913**	**3.477**	**20.40**	**6173.**	**265.1**
Stddev	.032	.085	.131	1.51	9.	45.5
%RSD	1.440	4.427	3.779	7.411	.1509	17.17
#1	2.184	1.930	3.552	18.69	6165.	314.5
#2	2.224	1.822	3.554	20.97	6183.	255.8
#3	2.162	1.988	3.325	21.54	6172.	224.9
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	**1135.**	**38.72**	**55.31**	**5.316**	**476.8**	**12.18**
Stddev	3.	.21	13.02	.040	1.7	1.58
%RSD	.2859	.5385	23.54	.7521	.3476	12.98
#1	1132.	38.71	46.32	5.362	478.3	11.59
#2	1134.	38.53	49.37	5.288	476.9	10.97
#3	1139.	38.94	70.24	5.299	475.0	13.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41621-a-6-a@4 Acquired: 6/25/2012 21:27:19 Type: Unk
Method: SW84606112012(v13) 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	**-3.135**	**-1.548**	**10.41**	**374.0**	**3.980**	**.4980**
Stddev	1.583	1.382	.58	.5	.855	.0903
%RSD	50.49	89.25	5.533	.1401	21.47	18.13
#1	-4.957	-1.091	10.97	374.6	4.660	.5052
#2	-2.098	-3.101	10.46	374.0	4.259	.5844
#3	-2.350	-.4535	9.816	373.5	3.021	.4043
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	**1.396**	**26.80**	**74.14**	**307.8**
Stddev	.505	.06	.91	6.4
%RSD	36.22	.2298	1.232	2.066
#1	1.131	26.77	75.02	300.5
#2	1.077	26.75	74.22	312.1
#3	1.978	26.87	73.19	310.9
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	**2392.7**	**27058.**	**4866.1**
Stddev	8.6	43.	36.5
%RSD	.36061	.15794	.74931
#1	2382.8	27014.	4850.3
#2	2398.8	27061.	4840.3
#3	2396.4	27099.	4907.8

Sample Name: CCV Acquired: 6/25/2012 21:30:56 Type: QC
Method: SW84606112012(v13) 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	**123900.**	**2454.**	**1236.**	**9982.**	**986.6**	**125900.**
Stddev	336.	4.	3.	11.	2.5	479.
%RSD	.2716	.1642	.2116	.1095	.2556	.3805
#1	123900.	2449.	1238.	9977.	985.1	126400.
#2	123500.	2457.	1238.	9995.	985.1	125500.
#3	124200.	2455.	1233.	9975.	989.5	125900.
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	**1253.**	**2485.**	**5029.**	**12430.**	**100000.**	**49250.**
Stddev	1.	5.	11.	22.	147.	80.
%RSD	.0907	.2006	.2097	.1732	.1469	.1617
#1	1253.	2486.	5036.	12450.	100100.	49310.
#2	1255.	2489.	5035.	12420.	100100.	49160.
#3	1252.	2479.	5017.	12420.	99840.	49280.
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.**	**5117.**	**123400.**	**2521.**	**7550.**	**992.1**
Stddev	239.	9.	346.	4.	9.	3.9
%RSD	.1934	.1683	.2803	.1677	.1164	.3945
#1	123500.	5124.	123500.	2522.	7551.	995.0
#2	123500.	5119.	123000.	2525.	7557.	993.6
#3	123100.	5107.	123700.	2517.	7540.	987.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 21:30:56 Type: QC
Method: SW84606112012(v13) 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	**2417.**	**2546.**	**2487.**	**2475.**	**1002.**	**2486.**
Stddev	5.	7.	9.	4.	2.	4.
%RSD	.2228	.2650	.3632	.1690	.1671	.1779
#1	2420.	2548.	2495.	2474.	1001.	2483.
#2	2420.	2551.	2488.	2479.	1004.	2491.
#3	2411.	2538.	2477.	2471.	1001.	2483.
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	**992.6**	**5052.**	**9829.**	**9782.**
Stddev	2.5	15.	13.	10.
%RSD	.2485	.2978	.1318	.0975
#1	990.3	5066.	9816.	9772.
#2	995.2	5036.	9830.	9781.
#3	992.2	5054.	9841.	9791.
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	**2185.6**	**24128.**	**4642.6**
Stddev	2.5	13.	17.1
%RSD	.11574	.05256	.36904
#1	2187.3	24122.	4648.0
#2	2186.9	24119.	4656.4
#3	2182.7	24142.	4623.4

Sample Name: CCB Acquired: 6/25/2012 21:34:15 Type: QC
Method: SW84606112012(v13) 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	**22.70**	**.4838**	**-.1105**	**.4729**	**.2365**	**11.20**
Stddev	32.61	2.365	.5486	.3818	.2615	2.47
%RSD	143.7	488.9	496.6	80.74	110.6	22.06
#1	59.03	2.741	-.6764	.8900	.5192	13.00
#2	-4.039	.6864	.4190	.3882	.1872	8.385
#3	13.10	-1.976	-.0741	.1406	.0031	12.23
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	**.0570**	**.2959**	**.1273**	**1.325**	**10.48**	**168.9**
Stddev	.0308	.0450	.2625	1.358	2.12	19.5
%RSD	54.08	15.22	206.2	102.5	20.27	11.54
#1	.0900	.3011	.0551	1.132	8.054	147.5
#2	.0290	.3381	.4184	.0741	11.35	173.7
#3	.0520	.2485	-.0915	2.769	12.02	185.6
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	**4.083**	**.3732**	**-36.70**	**.0098**	**1.130**	**-.8755**
Stddev	12.16	.4480	31.75	.4325	.332	1.220
%RSD	297.8	120.1	86.52	4429.	29.35	139.3
#1	18.06	.8651	-.8757	-.1479	1.229	-2.282
#2	-4.054	.2659	-47.85	.4989	1.401	-.1075
#3	-1.756	-.0115	-61.37	-.3217	.7603	-.2372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 21:34:15 Type: QC
Method: SW84606112012(v13) 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	**-3.302**	**-.4557**	**.8137**	**.0796**	**.9168**	**2.813**
Stddev	2.719	1.991	.5702	.3108	.8240	.358
%RSD	82.34	437.0	70.07	390.5	89.87	12.73
#1	-5.890	1.033	1.469	.4235	1.835	3.226
#2	-.4688	.3173	.5443	-.1809	.2413	2.624
#3	-3.547	-2.718	.4282	-.0039	.6744	2.589
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	**-.3138**	**.5568**	**.8555**	**16.82**
Stddev	.6029	.5238	.9871	11.25
%RSD	192.1	94.08	115.4	66.87
#1	-.2793	1.147	1.917	8.570
#2	-.9333	.3743	.6832	12.26
#3	.2710	.1486	-.0342	29.63
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	**2347.2**	**26414.**	**4711.5**
Stddev	3.7	14.	14.6
%RSD	.15730	.05124	.30920
#1	2344.9	26429.	4727.5
#2	2351.5	26402.	4707.7
#3	2345.3	26411.	4699.1

Sample Name: 460-41621-a-12-a@4 Acquired: 6/25/2012 21:38:00 Type: Unk
Method: SW84606112012(v13) 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	**658.1**	**1.477**	**.1414**	**65.51**	**.0403**	**11610.**
Stddev	7.2	4.278	.2111	.18	.1555	10.
%RSD	1.097	289.6	149.4	.2675	385.7	.0899
#1	665.9	-.9161	.3809	65.71	.0139	11610.
#2	656.8	6.416	-.0179	65.40	-.1003	11610.
#3	651.6	-1.069	.0612	65.43	.2074	11630.
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	**.7854**	**1.425**	**1.160**	**11.43**	**4900.**	**557.1**
Stddev	.0212	.071	.354	4.74	18.	54.0
%RSD	2.700	4.991	30.50	41.48	.3635	9.698
#1	.7615	1.399	1.487	9.908	4912.	540.5
#2	.8021	1.505	.7846	7.637	4879.	513.4
#3	.7926	1.370	1.208	16.75	4908.	617.5
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	**1506.**	**96.54**	**124.2**	**3.402**	**216.1**	**2.321**
Stddev	6.	.06	8.2	.246	1.1	1.480
%RSD	.4309	.0649	6.571	7.227	.5031	63.78
#1	1510.	96.61	133.4	3.145	217.3	3.969
#2	1499.	96.49	121.5	3.635	215.3	1.103
#3	1509.	96.53	117.7	3.425	215.6	1.891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41621-a-12-a@4 Acquired: 6/25/2012 21:38:00 Type: Unk
Method: SW84606112012(v13) 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	**-3.096**	**-2.614**	**4.472**	**65.25**	**8.213**	**.4271**
Stddev	2.982	.846	.342	.29	.247	.1095
%RSD	96.32	32.36	7.650	.4444	3.005	25.63
#1	-5.195	-3.474	4.795	65.59	8.141	.3341
#2	-4.411	-2.586	4.114	65.10	8.487	.3996
#3	.3175	-1.782	4.509	65.07	8.009	.5477
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	**1.495**	**43.82**	**25.51**	**312.3**
Stddev	.970	.15	1.61	5.2
%RSD	64.89	.3370	6.311	1.663
#1	.8241	43.73	26.56	308.1
#2	1.054	44.00	23.66	318.1
#3	2.607	43.75	26.32	310.6
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	**2369.6**	**26823.**	**4847.0**
Stddev	4.9	127.	11.0
%RSD	.20470	.47201	.22688
#1	2366.0	26685.	4859.7
#2	2367.7	26934.	4841.1
#3	2375.1	26850.	4840.2

Sample Name: 460-41621-a-17-a@4 Acquired: 6/25/2012 21:41:40 Type: Unk
Method: SW84606112012(v13) 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	**18520.**	**65.76**	**-1.024**	**112.8**	**.5786**	**1165.**
Stddev	15.	1.57	.470	.4	.1050	7.
%RSD	.0789	2.387	45.87	.3629	18.14	.6165
#1	18510.	65.35	-1.038	113.2	.6473	1172.
#2	18530.	67.49	-1.486	112.9	.4578	1164.
#3	18500.	64.43	-.5474	112.4	.6308	1158.
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	**2.750**	**8.356**	**45.65**	**170.0**	**141000.**	**504.9**
Stddev	.033	.244	.41	5.9	186.	32.2
%RSD	1.187	2.924	.8932	3.495	.1321	6.379
#1	2.731	8.638	45.90	176.9	141200.	528.7
#2	2.731	8.208	45.87	167.0	140900.	468.2
#3	2.787	8.221	45.18	166.2	140800.	517.7
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	**1633.**	**219.2**	**.2297**	**31.12**	**1598.**	**9.737**
Stddev	10.	.4	3.532	.61	2.	.598
%RSD	.6287	.1999	1538.	1.950	.1076	6.146
#1	1643.	219.7	1.547	30.79	1600.	9.186
#2	1635.	219.1	-3.771	31.82	1598.	9.651
#3	1622.	218.9	2.913	30.74	1597.	10.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41621-a-17-a@4 Acquired: 6/25/2012 21:41:40 Type: Unk
Method: SW84606112012(v13) 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	**.7222**	**-.3715**	**201.7**	**471.4**	**5.765**	**4.235**
Stddev	.8595	2.672	.6	1.1	.741	.236
%RSD	119.0	719.3	.3019	.2298	12.85	5.583
#1	1.705	-.0851	202.4	471.2	6.568	4.037
#2	.3509	-3.175	201.3	472.5	5.107	4.497
#3	.1109	2.146	201.5	470.4	5.622	4.172
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	**41.16**	**31.26**	**1900.**	**1133.**
Stddev	1.16	.06	2.	24.
%RSD	2.822	.1854	.1164	2.082
#1	39.94	31.30	1898.	1160.
#2	42.25	31.28	1902.	1123.
#3	41.29	31.19	1901.	1116.
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	**2386.6**	**26753.**	**4904.2**
Stddev	2.1	63.	6.1
%RSD	.08618	.23660	.12345
#1	2386.8	26686.	4911.1
#2	2384.4	26811.	4902.0
#3	2388.5	26763.	4899.6

Sample Name: 460-41621-a-1-b@4 Acquired: 6/25/2012 21:45:15 Type: Unk
Method: SW84606112012(v13) 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	**14610.**	**6.518**	**-.1882**	**136.7**	**1.317**	**4807.**
Stddev	42.	.310	.6916	.6	.050	21.
%RSD	.2889	4.751	367.4	.4100	3.806	.4327
#1	14620.	6.866	.3731	136.9	1.270	4827.
#2	14650.	6.274	-.9608	137.2	1.370	4808.
#3	14560.	6.414	.0230	136.1	1.311	4785.
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	**1.524**	**17.81**	**29.77**	**37.64**	**66450.**	**902.6**
Stddev	.035	.16	.34	1.94	28.	14.8
%RSD	2.321	.9137	1.130	5.143	.0428	1.637
#1	1.530	17.99	29.91	39.38	66480.	886.6
#2	1.486	17.67	30.01	37.97	66460.	915.8
#3	1.556	17.76	29.38	35.56	66420.	905.4
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	**4815.**	**337.0**	**107.1**	**20.94**	**154.0**	**.6299**
Stddev	12.	.6	7.0	.03	1.0	1.338
%RSD	.2412	.1686	6.562	.1344	.6722	212.4
#1	4811.	336.4	115.1	20.97	155.1	.4496
#2	4828.	337.3	101.8	20.91	153.7	2.049
#3	4806.	337.4	104.4	20.94	153.1	-.6087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41621-a-1-b@4 Acquired: 6/25/2012 21:45:15 Type: Unk
Method: SW84606112012(v13) 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	**-3.471**	**-1.371**	**71.96**	**722.6**	**3.937**	**.3062**
Stddev	2.089	.616	.57	2.6	.323	.2700
%RSD	60.17	44.91	.7959	.3599	8.198	88.18
#1	-5.844	-2.055	71.30	724.7	4.151	.5331
#2	-1.911	-.8612	72.34	723.4	3.566	.3781
#3	-2.658	-1.197	72.24	719.7	4.095	.0075
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	**1.807**	**26.58**	**882.5**	**470.4**
Stddev	.123	.16	1.6	5.1
%RSD	6.791	.5948	.1792	1.084
#1	1.945	26.49	881.5	476.0
#2	1.710	26.76	884.3	469.1
#3	1.766	26.49	881.7	466.1
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	**2464.6**	**27685.**	**5012.8**
Stddev	5.6	59.	7.6
%RSD	.22833	.21232	.15217
#1	2466.6	27744.	5019.2
#2	2458.2	27685.	5014.8
#3	2468.9	27626.	5004.4

Sample Name: 460-41492-d-8-t du@4 Acquired: 6/25/2012 21:48:52 Type: Unk
Method: SW84606112012(v13) 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	**43510.**	**7.265**	**-.4014**	**440.7**	**.5943**	**9011.**
Stddev	161.	.897	.5878	1.0	.0883	25.
%RSD	.3705	12.34	146.4	.2333	14.86	.2780
#1	43540.	7.330	-1.069	439.8	.4933	8989.
#2	43650.	6.337	.0366	441.8	.6332	9038.
#3	43330.	8.127	-.1714	440.4	.6566	9007.
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	**-.0966**	**47.20**	**118.8**	**104.4**	**70220.**	**8712.**
Stddev	.0461	.30	.1	1.7	207.	17.
%RSD	47.73	.6458	.1179	1.657	.2944	.1940
#1	-.1433	47.49	118.7	104.9	70140.	8718.
#2	-.0955	47.22	118.9	105.8	70460.	8693.
#3	-.0511	46.88	118.8	102.5	70070.	8725.
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	**18600.**	**845.4**	**203.3**	**91.28**	**28.40**	**-1.118**
Stddev	52.	2.8	11.0	.54	.22	.887
%RSD	.2805	.3312	5.408	.5969	.7829	79.31
#1	18570.	845.9	190.7	91.73	28.52	-1.790
#2	18660.	847.9	210.9	90.67	28.14	-1.452
#3	18580.	842.4	208.3	91.43	28.54	-.1128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-8-t du@4 Acquired: 6/25/2012 21:48:52 Type: Unk
Method: SW84606112012(v13) 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	**-6.014**	**-2.292**	**118.2**	**173.1**	**5.819**	**2.041**
Stddev	3.316	1.688	.2	.5	.690	.169
%RSD	55.14	73.65	.1866	.2610	11.86	8.276
#1	-7.820	-3.664	118.3	173.4	6.100	2.233
#2	-2.187	-.4070	118.4	173.5	5.032	1.974
#3	-8.034	-2.804	118.0	172.6	6.324	1.916
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	**-.7933**	**43.17**	**3496.**	**951.7**
Stddev	.8192	.23	15.	12.8
%RSD	103.3	.5362	.4184	1.343
#1	-.3539	42.93	3498.	938.5
#2	-.2874	43.39	3510.	952.7
#3	-1.738	43.21	3481.	964.0
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	**2420.8**	**27032.**	**4955.9**
Stddev	4.2	26.	11.0
%RSD	.17228	.09452	.22262
#1	2419.9	27021.	4953.0
#2	2425.4	27013.	4946.5
#3	2417.2	27061.	4968.0

Sample Name: 460-41492-d-8-s@4 Acquired: 6/25/2012 21:52:27 Type: Unk
Method: SW84606112012(v13) 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	**39090.**	**7.130**	**-.0557**	**391.7**	**.5799**	**8699.**
Stddev	19.	.786	.4955	.6	.1288	12.
%RSD	.0486	11.02	890.2	.1555	22.21	.1422
#1	39080.	7.766	.4936	391.8	.4891	8684.
#2	39110.	7.372	-.1916	392.2	.5233	8706.
#3	39080.	6.252	-.4691	391.0	.7273	8706.
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	**-.1267**	**29.43**	**108.2**	**92.53**	**60970.**	**8183.**
Stddev	.0325	.21	.4	1.94	75.	72.
%RSD	25.65	.7187	.3426	2.098	.1223	.8788
#1	-.1609	29.55	108.4	94.77	61040.	8145.
#2	-.0962	29.18	107.8	91.58	60900.	8266.
#3	-.1231	29.55	108.5	91.25	60980.	8138.
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	**16980.**	**774.1**	**188.6**	**80.74**	**24.36**	**-.9498**
Stddev	32.	.6	12.6	.23	2.06	1.069
%RSD	.1910	.0797	6.663	.2812	8.443	112.6
#1	16990.	773.5	201.9	80.50	25.61	-1.984
#2	16940.	774.7	186.8	80.75	21.99	.1515
#3	17010.	774.2	176.9	80.96	25.49	-1.017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-8-s@4 Acquired: 6/25/2012 21:52:27 Type: Unk
Method: SW84606112012(v13) 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	**-2.230**	**-.5600**	**112.1**	**160.2**	**3.939**	**1.125**
Stddev	2.602	2.106	.4	.3	.415	.177
%RSD	116.7	376.1	.3473	.1831	10.54	15.70
#1	-.6407	.6195	112.0	160.0	4.412	1.015
#2	-5.233	-2.992	112.5	160.1	3.767	1.032
#3	-.8175	.6921	111.8	160.5	3.637	1.329
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	**.3527**	**42.31**	**3219.**	**847.3**
Stddev	1.228	.12	2.	8.1
%RSD	348.2	.2892	.0541	.9619
#1	1.701	42.44	3217.	856.2
#2	.0576	42.20	3221.	845.7
#3	-.7009	42.31	3218.	840.1
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	**2432.3**	**27046.**	**4953.0**
Stddev	2.5	57.	5.8
%RSD	.10095	.21236	.11697
#1	2431.3	26983.	4959.6
#2	2430.4	27095.	4950.4
#3	2435.1	27059.	4949.0

Sample Name: sd 460-41492-d-8-s@2 Acquired: 6/25/2012 21:56:02 Type: Unk
Method: SW84606112012(v13) 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	**7894.**	**1.108**	**-.0085**	**78.59**	**.1453**	**1739.**
Stddev	24.	2.285	.6332	.43	.1996	10.
%RSD	.3095	206.2	7454.	.5427	137.3	.5723
#1	7908.	1.307	.0655	79.06	.0130	1731.
#2	7909.	3.286	-.6754	78.51	.0481	1736.
#3	7866.	-1.270	.5844	78.21	.3749	1750.
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	**-.0612**	**6.009**	**21.47**	**20.46**	**12340.**	**1680.**
Stddev	.0505	.110	.53	.58	21.	91.
%RSD	82.65	1.830	2.474	2.845	.1669	5.400
#1	-.0297	5.905	21.70	21.03	12360.	1773.
#2	-.1194	6.000	20.86	20.48	12350.	1677.
#3	-.0343	6.124	21.84	19.86	12320.	1591.
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	**3467.**	**156.4**	**-31.69**	**16.44**	**5.806**	**-1.735**
Stddev	12.	.6	12.44	.44	.103	2.080
%RSD	.3362	.3723	39.27	2.687	1.766	119.9
#1	3477.	156.3	-39.40	16.81	5.899	-.1916
#2	3469.	157.0	-38.34	16.56	5.696	-.9123
#3	3454.	155.8	-17.33	15.95	5.824	-4.100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41492-d-8-s@2 Acquired: 6/25/2012 21:56:02 Type: Unk
Method: SW84606112012(v13) 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	**-.0309**	**-.5924**	**22.51**	**32.60**	**1.152**	**-.0667**
Stddev	2.907	1.434	.27	.23	.808	.2245
%RSD	9422.	242.0	1.210	.7072	70.13	336.7
#1	2.878	.1903	22.81	32.72	2.084	.1636
#2	-.0338	.2795	22.46	32.75	.6588	-.2850
#3	-2.937	-2.247	22.27	32.34	.7126	-.0787
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	**.0220**	**8.697**	**638.5**	**179.8**
Stddev	.6875	.099	.4	19.8
%RSD	3128.	1.142	.0689	11.03
#1	.7139	8.731	638.0	157.0
#2	.0131	8.776	638.9	193.0
#3	-.6610	8.586	638.6	189.3
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	**2384.7**	**26651.**	**4797.5**
Stddev	3.7	53.	15.2
%RSD	.15402	.19853	.31589
#1	2381.6	26672.	4782.6
#2	2388.7	26690.	4797.0
#3	2383.6	26591.	4812.9

Sample Name: 460-41492-d-8-u ms@4 Acquired: 6/25/2012 21:59:41 Type: Unk
Method: SW84606112012(v13) 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	**46150.**	**896.0**	**23.46**	**1382.**	**23.89**	**18820.**
Stddev	108.	6.3	.24	1.	.03	62.
%RSD	.2329	.7062	1.013	.0949	.1066	.3275
#1	46230.	903.0	23.19	1384.	23.91	18870.
#2	46180.	894.3	23.65	1382.	23.91	18840.
#3	46030.	890.7	23.53	1381.	23.86	18750.
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	**23.80**	**276.1**	**214.9**	**214.7**	**68730.**	**18360.**
Stddev	.04	1.4	.4	6.6	105.	116.
%RSD	.1856	.5156	.1999	3.084	.1524	.6292
#1	23.83	276.8	214.6	210.1	68820.	18290.
#2	23.75	277.1	214.7	211.6	68750.	18500.
#3	23.83	274.5	215.4	222.3	68610.	18300.
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	**27430.**	**1060.**	**9593.**	**330.2**	**270.6**	**153.8**
Stddev	39.	2.	28.	.4	.6	2.6
%RSD	.1436	.2026	.2943	.1073	.2189	1.663
#1	27470.	1062.	9608.	330.6	271.2	151.4
#2	27400.	1058.	9611.	330.2	270.0	156.5
#3	27410.	1059.	9561.	329.9	270.5	153.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-8-u ms@4 Acquired: 6/25/2012 21:59:41 Type: Unk
Method: SW84606112012(v13) 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	**878.8**	**1004.**	**354.2**	**404.6**	**239.5**	**231.1**
Stddev	3.2	3.	.6	1.4	.7	.9
%RSD	.3617	.3095	.1824	.3511	.2757	.4098
#1	880.3	1003.	354.9	406.0	240.0	232.2
#2	880.9	1008.	354.1	404.5	238.8	230.9
#3	875.1	1002.	353.6	403.2	239.8	230.3
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	**234.4**	**276.9**	**3996.**	**1261.**
Stddev	1.7	1.0	9.	13.
%RSD	.7450	.3589	.2377	1.054
#1	235.1	278.0	4007.	1247.
#2	235.8	276.7	3993.	1264.
#3	232.5	276.1	3988.	1273.
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	**2387.8**	**26577.**	**4890.4**
Stddev	6.1	40.	20.2
%RSD	.25696	.14989	.41350
#1	2384.2	26534.	4867.5
#2	2384.3	26612.	4905.8
#3	2394.9	26585.	4897.9

Sample Name: pds 460-41492-d-8-s@ Acquired: 6/25/2012 22:03:09 Type: Unk
Method: SW84606112012(v13) 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	**40570.**	**1794.**	**47.01**	**2289.**	**47.39**	**27640.**
Stddev	56.	4.	.27	5.	.08	14.
%RSD	.1375	.2411	.5724	.2287	.1640	.0513
#1	40530.	1799.	46.93	2293.	47.36	27640.
#2	40640.	1792.	46.79	2292.	47.48	27630.
#3	40550.	1792.	47.31	2283.	47.33	27660.
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	**47.46**	**506.6**	**298.5**	**324.5**	**61220.**	**26360.**
Stddev	.16	1.9	.8	3.4	74.	26.
%RSD	.3273	.3803	.2762	1.061	.1213	.0992
#1	47.57	508.5	299.1	328.4	61210.	26380.
#2	47.54	506.5	297.6	322.1	61160.	26360.
#3	47.28	504.6	298.7	323.0	61310.	26330.
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	**34870.**	**1256.**	**18690.**	**564.4**	**507.7**	**428.2**
Stddev	52.	2.	26.	1.7	1.8	.8
%RSD	.1502	.1582	.1364	.2980	.3537	.1837
#1	34850.	1256.	18660.	566.2	509.5	428.2
#2	34830.	1253.	18710.	564.1	507.6	427.4
#3	34930.	1257.	18700.	562.9	505.9	429.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41492-d-8-s@ Acquired: 6/25/2012 22:03:09 Type: Unk
Method: SW84606112012(v13) 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	**1770.**	**1990.**	**577.0**	**627.0**	**474.1**	**466.9**
Stddev	4.	6.	1.0	.7	.9	1.3
%RSD	.2291	.2800	.1803	.1092	.1995	.2764
#1	1770.	1996.	576.2	627.8	473.0	467.7
#2	1774.	1990.	576.6	626.6	474.8	467.6
#3	1766.	1985.	578.2	626.6	474.4	465.4
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	**475.3**	**503.3**	**3670.**	**926.3**
Stddev	1.1	.6	7.	23.3
%RSD	.2325	.1157	.1991	2.511
#1	476.3	504.0	3666.	918.5
#2	475.4	503.1	3665.	908.0
#3	474.1	502.8	3679.	952.5
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	**2382.5**	**26429.**	**4921.1**
Stddev	5.3	70.	13.2
%RSD	.22086	.26357	.26725
#1	2376.5	26395.	4915.0
#2	2384.4	26509.	4912.1
#3	2386.5	26382.	4936.2

Sample Name: 460-41492-d-19-g@4 Acquired: 6/25/2012 22:06:33 Type: Unk
Method: SW84606112012(v13) 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	**63420.**	**13.47**	**3.224**	**505.0**	**1.015**	**6777.**
Stddev	36.	.15	.210	.9	.122	15.
%RSD	.0565	1.137	6.523	.1826	11.98	.2227
#1	63390.	13.64	2.997	505.9	.8772	6768.
#2	63460.	13.33	3.412	505.1	1.108	6769.
#3	63420.	13.45	3.263	504.1	1.059	6794.
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	**.5020**	**44.22**	**127.3**	**153.0**	**102200.**	**10750.**
Stddev	.1316	.25	.5	5.7	225.	45.
%RSD	26.21	.5640	.3901	3.753	.2198	.4164
#1	.3642	43.96	126.9	148.7	102300.	10730.
#2	.5156	44.46	127.2	159.5	102300.	10710.
#3	.6262	44.26	127.9	150.7	101900.	10800.
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	**21270.**	**2086.**	**131.7**	**93.56**	**129.8**	**-.3551**
Stddev	42.	4.	3.3	.36	.4	1.819
%RSD	.1991	.2085	2.523	.3868	.2953	512.2
#1	21310.	2086.	134.3	93.96	129.6	1.717
#2	21260.	2091.	132.8	93.48	130.3	-1.093
#3	21230.	2083.	127.9	93.25	129.6	-1.688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-19-g@4 Acquired: 6/25/2012 22:06:33 Type: Unk
Method: SW84606112012(v13) 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	**.2745**	**-.2942**	**161.1**	**607.3**	**5.896**	**1.221**
Stddev	2.715	2.657	.2	.9	1.051	.369
%RSD	988.9	903.2	.1230	.1411	17.83	30.18
#1	-.2753	-2.183	160.9	607.2	7.074	1.613
#2	3.222	2.744	161.3	608.1	5.053	.8811
#3	-2.123	-1.443	161.2	606.4	5.561	1.170
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	**13.68**	**45.19**	**4586.**	**904.8**
Stddev	.60	.00	2.	14.7
%RSD	4.374	.0106	.0348	1.623
#1	13.42	45.19	4588.	918.9
#2	14.36	45.20	4585.	905.9
#3	13.25	45.19	4585.	889.6
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	**2446.5**	**27130.**	**4994.5**
Stddev	3.5	63.	4.5
%RSD	.14339	.23277	.08962
#1	2442.5	27089.	4991.2
#2	2448.7	27097.	4992.7
#3	2448.4	27202.	4999.6

Sample Name: lcssrm 460-117307/2- Acquired: 6/25/2012 22:10:07 Type: QC
Method: SW84606112012(v13) 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	**41810.**	**1140.**	**233.8**	**1273.**	**467.0**	**34590.**
Stddev	88.	3.	.6	1.	.7	146.
%RSD	.2102	.2539	.2705	.1176	.1458	.4228
#1	41860.	1137.	233.2	1272.	467.1	34760.
#2	41710.	1140.	234.4	1274.	466.3	34490.
#3	41870.	1142.	233.7	1275.	467.7	34520.
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	**974.7**	**942.9**	**666.6**	**624.8**	**67990.**	**13140.**
Stddev	1.7	.6	1.3	3.1	205.	102.
%RSD	.1766	.0657	.2005	.4903	.3019	.7765
#1	972.9	942.1	665.9	626.2	67960.	13260.
#2	975.0	943.2	668.2	621.3	68220.	13100.
#3	976.3	943.2	665.8	626.9	67810.	13070.
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	**14070.**	**1772.**	**2574.**	**630.3**	**535.9**	**900.4**
Stddev	15.	4.	10.	1.4	.6	1.0
%RSD	.1083	.2265	.3878	.2292	.1142	.1055
#1	14070.	1776.	2574.	629.5	535.8	899.5
#2	14090.	1773.	2564.	632.0	536.6	900.5
#3	14050.	1768.	2584.	629.5	535.4	901.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117307/2- Acquired: 6/25/2012 22:10:07 Type: QC
Method: SW84606112012(v13) 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	**521.7**	**862.7**	**610.8**	**919.8**	**599.6**	**491.6**
Stddev	1.4	3.0	1.0	.6	.7	.8
%RSD	.2694	.3486	.1593	.0678	.1171	.1707
#1	521.5	859.2	609.9	919.9	599.1	491.0
#2	523.2	864.5	611.8	919.2	600.4	492.6
#3	520.4	864.3	610.6	920.4	599.4	491.2
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	**554.0**	**650.9**	**1178.**	**1979.**
Stddev	1.9	2.3	2.	54.
%RSD	.3402	.3546	.2107	2.729
#1	553.1	653.6	1180.	2034.
#2	556.2	650.0	1176.	1976.
#3	552.8	649.2	1179.	1926.
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	**2427.2**	**26947.**	**4998.5**
Stddev	8.8	82.	9.3
%RSD	.36277	.30529	.18671
#1	2435.7	27042.	5000.7
#2	2427.7	26899.	5006.6
#3	2418.2	26901.	4988.3

Sample Name: CCV Acquired: 6/25/2012 22:13:34 Type: QC
Method: SW84606112012(v13) 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	**123700.**	**2449.**	**1235.**	**9997.**	**985.3**	**125500.**
Stddev	309.	2.	2.	4.	2.2	276.
%RSD	.2495	.0636	.1482	.0437	.2249	.2201
#1	123800.	2450.	1236.	9993.	987.5	125500.
#2	124000.	2449.	1233.	10000.	985.4	125700.
#3	123400.	2447.	1234.	9999.	983.1	125200.
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	**1254.**	**2484.**	**5033.**	**12350.**	**99830.**	**49020.**
Stddev	.	1.	7.	40.	57.	80.
%RSD	.0342	.0203	.1294	.3263	.0568	.1622
#1	1253.	2483.	5037.	12350.	99810.	48960.
#2	1254.	2484.	5037.	12400.	99900.	49110.
#3	1254.	2484.	5026.	12320.	99800.	48980.
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.**	**5102.**	**123300.**	**2522.**	**7542.**	**994.0**
Stddev	57.	6.	300.	2.	.	.8
%RSD	.0460	.1086	.2432	.0749	.0040	.0767
#1	123400.	5099.	123500.	2523.	7542.	994.3
#2	123300.	5108.	123400.	2523.	7542.	993.1
#3	123300.	5098.	123000.	2520.	7543.	994.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 22:13:34 Type: QC
Method: SW84606112012(v13) 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	**2409.**	**2549.**	**2485.**	**2474.**	**1004.**	**2490.**
Stddev	6.	3.	2.	2.	2.	2.
%RSD	.2453	.1144	.0853	.0781	.2303	.0630
#1	2414.	2546.	2482.	2472.	1001.	2489.
#2	2411.	2550.	2486.	2476.	1005.	2492.
#3	2403.	2551.	2485.	2475.	1005.	2490.
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	**992.6**	**5029.**	**9809.**	**9767.**
Stddev	1.4	6.	24.	29.
%RSD	.1446	.1138	.2481	.2924
#1	994.1	5032.	9831.	9745.
#2	991.2	5033.	9814.	9755.
#3	992.5	5022.	9783.	9799.
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	**2161.3**	**23877.**	**4599.6**
Stddev	1.3	42.	15.4
%RSD	.05949	.17538	.33553
#1	2162.8	23885.	4598.7
#2	2160.4	23832.	4584.6
#3	2160.8	23915.	4615.4

Sample Name: CCB Acquired: 6/25/2012 22:16:52 Type: QC
Method: SW84606112012(v13) 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	**23.95**	**-.1716**	**-.0846**	**.6046**	**.0572**	**.7989**
Stddev	8.82	.2908	1.014	.4783	.1124	21.53
%RSD	36.81	169.5	1198.	79.11	196.7	2695.
#1	32.59	-.3720	.7716	1.143	.1181	-2.189
#2	14.97	-.3048	-1.204	.4419	.1260	23.66
#3	24.28	.1619	.1789	.2289	-.0726	-19.08
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	**.0975**	**.3033**	**.2964**	**2.752**	**7.874**	**158.6**
Stddev	.0747	.0570	.3301	3.076	18.49	7.7
%RSD	76.56	18.79	111.4	111.8	234.8	4.870
#1	.1804	.3248	.6767	2.848	26.24	163.4
#2	.0354	.2387	.0841	5.779	-10.73	162.6
#3	.0768	.3464	.1283	-.3705	8.110	149.7
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	**7.153**	**.4193**	**-48.33**	**-.4984**	**1.069**	**-1.560**
Stddev	8.107	.4134	19.56	.3675	1.245	1.747
%RSD	113.3	98.59	40.47	73.73	116.5	112.0
#1	15.26	.8526	-28.31	-.9180	2.333	-.1683
#2	7.149	.3760	-67.39	-.3435	1.033	-.9896
#3	-.9513	.0293	-49.29	-.2338	-.1572	-3.521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 22:16:52 Type: QC
Method: SW84606112012(v13) 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	**-1.926**	**-1.325**	**.6422**	**.1239**	**1.346**	**2.919**
Stddev	3.148	.622	.4922	.2817	1.328	.248
%RSD	163.4	46.96	76.64	227.4	98.67	8.481
#1	1.520	-1.650	1.073	.4490	2.844	3.143
#2	-2.648	-.6074	.1060	-.0475	.8842	2.962
#3	-4.651	-1.717	.7473	-.0299	.3105	2.653
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	**-.8828**	**.5208**	**.7023**	**5.809**
Stddev	.2126	.4946	1.591	2.674
%RSD	24.08	94.96	226.5	46.03
#1	-.6890	1.092	1.255	8.407
#2	-1.110	.2320	-1.091	5.954
#3	-.8491	.2386	1.943	3.066
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	**2341.7**	**26299.**	**4689.5**
Stddev	3.3	20.	20.5
%RSD	.14113	.07449	.43611
#1	2342.6	26278.	4668.6
#2	2338.1	26317.	4709.5
#3	2344.6	26301.	4690.4

Sample Name: mb 460-117307/1-a@2 Acquired: 6/25/2012 22:20:38 Type: QC
Method: SW84606112012(v13) 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	**10.15**	**-3.041**	**-.0379**	**.0426**	**.0361**	**53.37**
Stddev	8.59	.727	1.043	.0679	.0678	17.56
%RSD	84.65	23.89	2755.	159.3	187.7	32.91
#1	17.89	-3.827	-.2177	.0017	.0515	69.58
#2	.9058	-2.394	-.9791	.1209	.0949	55.81
#3	11.65	-2.902	1.083	.0052	-.0380	34.71
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	**.0007**	**-.0265**	**.0683**	**2.650**	**.7439**	**66.07**
Stddev	.0803	.2607	.0388	5.124	11.51	41.58
%RSD	11760.	982.2	56.78	193.4	1547.	62.93
#1	-.0844	-.1814	.0602	4.185	9.626	111.7
#2	.0114	.2744	.0343	6.831	-12.26	56.17
#3	.0750	-.1726	.1106	-3.067	4.861	30.34
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	**-4.024**	**.0755**	**-66.29**	**-.1955**	**.9266**	**-.9075**
Stddev	.998	.0073	8.97	.2206	.4264	2.537
%RSD	24.80	9.701	13.53	112.8	46.01	279.5
#1	-4.269	.0676	-73.95	-.0307	.8514	1.938
#2	-4.876	.0771	-68.50	-.1097	.5428	-1.727
#3	-2.926	.0820	-56.42	-.4462	1.386	-2.933
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117307/1-a@2 Acquired: 6/25/2012 22:20:38 Type: QC
Method: SW84606112012(v13) 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	**-1.167**	**-2.629**	**.5239**	**.2276**	**4.768**	**.6421**
Stddev	1.601	2.916	.1073	.0558	.786	.0988
%RSD	137.2	110.9	20.48	24.52	16.49	15.39
#1	-1.700	.7319	.6390	.2624	4.930	.6683
#2	-2.432	-4.137	.4267	.1632	3.914	.5328
#3	.6325	-4.482	.5059	.2572	5.461	.7252
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	**.6097**	**.4353**	**-.6655**	**23.48**
Stddev	.1813	.0154	.4806	7.12
%RSD	29.73	3.537	72.21	30.32
#1	.7658	.4347	-.6260	27.74
#2	.4109	.4202	-.2060	27.44
#3	.6523	.4510	-1.165	15.26
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	**2277.9**	**25923.**	**4600.2**
Stddev	11.1	154.	30.6
%RSD	.48559	.59224	.66440
#1	2266.4	25773.	4565.4
#2	2278.7	25918.	4622.8
#3	2288.5	26080.	4612.4

Sample Name: 460-41492-d-2-g@4 Acquired: 6/25/2012 22:24:22 Type: Unk
Method: SW84606112012(v13) 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	**54260.**	**3.983**	**.2583**	**406.5**	**.5978**	**6258.**
Stddev	101.	.197	.4452	1.7	.1123	15.
%RSD	.1859	4.952	172.3	.4158	18.79	.2472
#1	54160.	3.759	-.2441	404.6	.5305	6263.
#2	54360.	4.056	.6039	407.7	.7274	6271.
#3	54260.	4.133	.4151	407.2	.5354	6241.
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	**-.1857**	**35.00**	**133.7**	**61.61**	**99040.**	**15740.**
Stddev	.1002	.17	.2	3.90	95.	77.
%RSD	53.94	.4766	.1412	6.328	.0955	.4860
#1	-.0707	35.05	133.6	61.23	99070.	15810.
#2	-.2542	35.13	133.9	57.92	99120.	15770.
#3	-.2321	34.81	133.7	65.69	98930.	15660.
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	**19820.**	**987.3**	**396.0**	**86.01**	**23.70**	**-2.748**
Stddev	25.	1.4	21.9	.72	.83	3.034
%RSD	.1242	.1444	5.520	.8416	3.522	110.4
#1	19800.	988.6	395.6	86.84	24.53	.7529
#2	19840.	987.7	374.4	85.60	22.87	-4.610
#3	19830.	985.8	418.1	85.58	23.70	-4.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-2-g@4 Acquired: 6/25/2012 22:24:22 Type: Unk
Method: SW84606112012(v13) 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	**-6.228**	**-.3669**	**178.3**	**219.8**	**4.801**	**1.831**
Stddev	1.458	1.426	.5	.6	.892	.210
%RSD	23.42	388.6	.2638	.2564	18.58	11.50
#1	-6.057	.6501	178.7	220.4	5.745	1.595
#2	-4.862	.2458	178.3	219.8	4.685	2.001
#3	-7.764	-1.997	177.8	219.2	3.973	1.897
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	**.5588**	**43.67**	**4624.**	**848.1**
Stddev	.4331	.21	11.	38.0
%RSD	77.51	.4778	.2327	4.476
#1	.9579	43.48	4622.	888.5
#2	.0982	43.89	4636.	842.5
#3	.6204	43.64	4615.	813.2
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	**2374.4**	**26360.**	**4845.9**
Stddev	4.7	53.	9.8
%RSD	.19904	.20290	.20213
#1	2379.5	26416.	4855.7
#2	2370.1	26355.	4836.1
#3	2373.8	26310.	4845.8

Sample Name: 460-41492-d-3-g@4 Acquired: 6/25/2012 22:27:58 Type: Unk
Method: SW84606112012(v13) 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	**36420.**	**8.309**	**.6776**	**310.8**	**.5863**	**6656.**
Stddev	44.	.467	.4500	1.3	.0930	13.
%RSD	.1210	5.624	66.41	.4183	15.87	.2015
#1	36380.	7.928	.1587	311.0	.5996	6652.
#2	36430.	8.830	.9605	312.0	.6719	6646.
#3	36470.	8.167	.9136	309.4	.4873	6671.
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	**-.0860**	**27.43**	**96.41**	**109.6**	**68710.**	**7906.**
Stddev	.1187	.35	.41	3.1	198.	63.
%RSD	138.0	1.276	.4261	2.796	.2886	.8017
#1	.0505	27.29	96.87	107.9	68780.	7902.
#2	-.1648	27.83	96.25	113.1	68860.	7845.
#3	-.1437	27.18	96.09	107.8	68490.	7971.
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	**16410.**	**785.0**	**202.8**	**58.30**	**46.65**	**-1.527**
Stddev	41.	1.6	8.3	.33	1.56	1.208
%RSD	.2505	.1985	4.101	.5617	3.351	79.15
#1	16420.	785.9	199.0	58.65	48.20	-.7051
#2	16450.	785.9	212.3	58.25	46.68	-2.914
#3	16370.	783.2	196.9	58.01	45.07	-.9608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-3-g@4 Acquired: 6/25/2012 22:27:58 Type: Unk
Method: SW84606112012(v13) 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	**-5.223**	**-2.490**	**113.5**	**274.5**	**5.363**	**.7437**
Stddev	2.166	1.438	.5	1.3	.661	.3024
%RSD	41.47	57.73	.4742	.4909	12.33	40.66
#1	-3.124	-1.696	112.9	274.2	5.514	1.017
#2	-5.095	-4.150	113.9	276.0	5.936	.7955
#3	-7.450	-1.625	113.8	273.4	4.639	.4187
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	**5.948**	**43.49**	**3066.**	**517.1**
Stddev	.856	.19	6.	7.2
%RSD	14.39	.4262	.1833	1.393
#1	4.986	43.37	3062.	519.9
#2	6.624	43.40	3063.	522.5
#3	6.234	43.70	3072.	508.9
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	**2382.1**	**26622.**	**4868.4**
Stddev	5.3	158.	7.4
%RSD	.22299	.59405	.15252
#1	2383.4	26463.	4860.5
#2	2376.3	26623.	4875.2
#3	2386.7	26779.	4869.6

Sample Name: 460-41492-d-4-g@4 Acquired: 6/25/2012 22:31:33 Type: Unk
Method: SW84606112012(v13) 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	**46390.**	**10.81**	**.3254**	**397.4**	**1.095**	**7963.**
Stddev	85.	1.93	.5196	1.3	.057	33.
%RSD	.1829	17.88	159.7	.3208	5.244	.4108
#1	46300.	9.403	-.2478	397.8	1.116	7927.
#2	46460.	10.01	.4581	398.4	1.139	7990.
#3	46420.	13.01	.7657	396.0	1.030	7971.
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	**-.1143**	**39.29**	**106.5**	**85.44**	**76270.**	**6946.**
Stddev	.0289	.51	.9	1.81	131.	63.
%RSD	25.30	1.309	.8669	2.124	.1714	.9017
#1	-.1062	38.99	106.0	87.17	76220.	6888.
#2	-.1464	39.88	107.5	83.55	76410.	7013.
#3	-.0903	38.99	105.9	85.61	76160.	6936.
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	**15470.**	**2105.**	**230.2**	**62.21**	**47.29**	**-3.235**
Stddev	26.	5.	6.5	.48	1.11	1.250
%RSD	.1690	.2217	2.823	.7730	2.336	38.64
#1	15450.	2100.	223.6	62.48	46.06	-4.533
#2	15500.	2110.	230.4	62.49	48.21	-3.130
#3	15450.	2106.	236.6	61.65	47.59	-2.040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-4-g@4 Acquired: 6/25/2012 22:31:33 Type: Unk
Method: SW84606112012(v13) 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	**-2.987**	**-1.669**	**129.9**	**225.9**	**7.505**	**1.062**
Stddev	2.413	.521	.7	.7	.877	.282
%RSD	80.78	31.23	.5173	.3312	11.68	26.55
#1	-1.691	-2.266	129.2	226.4	7.911	.8927
#2	-1.499	-1.303	130.2	226.2	6.499	.9065
#3	-5.771	-1.439	130.5	225.0	8.106	1.388
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	**2.263**	**45.95**	**2770.**	**617.9**
Stddev	.845	.03	7.	5.7
%RSD	37.35	.0707	.2588	.9258
#1	2.252	45.91	2771.	624.2
#2	1.424	45.98	2776.	616.6
#3	3.114	45.95	2762.	613.0
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	**2420.3**	**26968.**	**4942.2**
Stddev	5.1	67.	7.7
%RSD	.21233	.24799	.15522
#1	2414.5	27003.	4946.3
#2	2421.9	26891.	4947.0
#3	2424.4	27010.	4933.4

Sample Name: 460-41492-d-5-g@4 Acquired: 6/25/2012 22:35:08 Type: Unk
Method: SW84606112012(v13) 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	**83840.**	**16.80**	**1.959**	**629.0**	**1.113**	**6678.**
Stddev	288.	3.46	.281	3.8	.019	4.
%RSD	.3439	20.60	14.36	.6069	1.733	.0590
#1	83670.	17.27	2.222	631.2	1.101	6681.
#2	84170.	13.13	1.662	631.2	1.103	6674.
#3	83680.	20.00	1.992	624.6	1.135	6680.
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	**-.1549**	**62.56**	**157.1**	**176.0**	**144700.**	**18430.**
Stddev	.1143	.47	1.2	3.2	265.	60.
%RSD	73.83	.7466	.7503	1.822	.1828	.3263
#1	-.1956	62.77	155.9	173.2	144800.	18450.
#2	-.0257	62.88	158.2	179.5	144900.	18470.
#3	-.2432	62.02	157.0	175.3	144400.	18360.
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	**31820.**	**2538.**	**152.6**	**129.7**	**58.17**	**-2.319**
Stddev	49.	5.	7.4	.5	1.19	.795
%RSD	.1531	.1968	4.833	.3597	2.043	34.30
#1	31800.	2542.	158.4	130.2	57.91	-1.542
#2	31870.	2541.	155.1	129.6	59.46	-3.132
#3	31780.	2533.	144.3	129.3	57.12	-2.283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-5-g@4 Acquired: 6/25/2012 22:35:08 Type: Unk
Method: SW84606112012(v13) 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	**-4.503**	**.5371**	**198.1**	**470.5**	**6.430**	**-.0201**
Stddev	2.282	.4448	.2	1.8	.435	.5497
%RSD	50.69	82.82	.1050	.3767	6.758	2734.
#1	-1.904	.7517	197.9	471.6	5.940	-.0180
#2	-6.181	.0257	198.0	471.5	6.577	-.5709
#3	-5.423	.8338	198.3	468.5	6.771	.5285
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	**3.878**	**52.96**	**6023.**	**589.6**
Stddev	1.104	.26	17.	14.7
%RSD	28.46	.4919	.2814	2.495
#1	3.465	52.97	6022.	574.4
#2	3.040	53.22	6040.	603.8
#3	5.129	52.70	6006.	590.6
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	**2443.9**	**27130.**	**5000.8**
Stddev	.9	77.	6.3
%RSD	.03549	.28294	.12512
#1	2444.9	27179.	4993.8
#2	2443.4	27041.	5002.8
#3	2443.3	27168.	5005.8

Sample Name: 460-41492-d-6-g@4 Acquired: 6/25/2012 22:38:41 Type: Unk
Method: SW84606112012(v13) 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	**71500.**	**13.22**	**.4035**	**477.5**	**1.088**	**8624.**
Stddev	75.	1.86	.2101	2.6	.066	18.
%RSD	.1047	14.05	52.07	.5421	6.033	.2046
#1	71420.	15.36	.6221	479.7	1.139	8605.
#2	71510.	12.26	.2031	474.7	1.014	8629.
#3	71570.	12.03	.3854	478.1	1.112	8640.
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	**.1490**	**51.64**	**193.6**	**135.4**	**136800.**	**5339.**
Stddev	.0599	.21	.7	2.0	185.	38.
%RSD	40.19	.4038	.3627	1.496	.1351	.7134
#1	.0863	51.41	194.0	135.3	136600.	5297.
#2	.2056	51.69	192.8	137.5	136900.	5349.
#3	.1550	51.82	193.9	133.5	136900.	5371.
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	**27190.**	**1433.**	**306.9**	**105.9**	**34.79**	**-1.772**
Stddev	57.	4.	6.3	.6	1.33	1.845
%RSD	.2104	.2701	2.062	.5823	3.815	104.1
#1	27130.	1428.	313.6	106.4	36.03	-1.982
#2	27200.	1434.	306.1	105.2	33.39	-3.503
#3	27240.	1435.	301.0	106.1	34.95	.1687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-6-g@4 Acquired: 6/25/2012 22:38:41 Type: Unk
Method: SW84606112012(v13) 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	**-5.700**	**-.9257**	**227.1**	**301.9**	**4.219**	**4.102**
Stddev	.713	1.755	.7	.5	.784	.124
%RSD	12.50	189.5	.3227	.1628	18.57	3.034
#1	-6.443	-.2050	227.0	302.2	4.437	4.089
#2	-5.022	.3537	226.4	302.2	3.350	3.984
#3	-5.635	-2.926	227.9	301.4	4.871	4.232
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	**.3921**	**60.29**	**5271.**	**641.4**
Stddev	1.078	.40	11.	9.9
%RSD	275.1	.6577	.2008	1.538
#1	-.7612	59.90	5276.	649.2
#2	1.376	60.28	5279.	644.7
#3	.5618	60.69	5259.	630.3
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	**2418.0**	**26881.**	**4948.9**
Stddev	2.6	15.	14.8
%RSD	.10664	.05442	.29870
#1	2415.1	26865.	4940.2
#2	2419.5	26884.	4965.9
#3	2419.6	26894.	4940.5

Sample Name: 460-41492-d-7-g@4 Acquired: 6/25/2012 22:42:14 Type: Unk
Method: SW84606112012(v13) 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	**63290.**	**8.898**	**.0579**	**330.5**	**1.085**	**5278.**
Stddev	299.	2.501	.9729	1.5	.043	14.
%RSD	.4719	28.11	1682.	.4671	3.920	.2632
#1	62980.	11.24	-.2477	328.8	1.043	5282.
#2	63330.	9.194	-.7256	330.8	1.128	5262.
#3	63570.	6.262	1.147	331.8	1.083	5289.
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	**-.2048**	**33.34**	**119.7**	**72.97**	**95180.**	**6955.**
Stddev	.0740	.18	.4	1.15	199.	57.
%RSD	36.12	.5516	.3430	1.573	.2090	.8205
#1	-.1297	33.13	119.6	72.55	95010.	6998.
#2	-.2071	33.43	119.4	72.10	95130.	6890.
#3	-.2775	33.46	120.2	74.27	95400.	6975.
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	**20160.**	**1114.**	**178.6**	**79.23**	**30.24**	**-2.010**
Stddev	61.	3.	6.4	.33	1.85	1.282
%RSD	.3020	.2433	3.576	.4107	6.103	63.79
#1	20110.	1111.	186.0	78.86	30.97	-1.999
#2	20150.	1114.	174.6	79.36	31.60	-.7340
#3	20230.	1117.	175.2	79.47	28.14	-3.299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-7-g@4 Acquired: 6/25/2012 22:42:14 Type: Unk
Method: SW84606112012(v13) 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	**-4.337**	**-.7209**	**153.4**	**196.4**	**5.557**	**1.235**
Stddev	1.412	.8445	.7	.5	1.113	.074
%RSD	32.54	117.2	.4657	.2510	20.02	5.977
#1	-3.319	-1.408	153.1	195.9	6.784	1.260
#2	-5.949	-.9768	152.8	196.5	5.272	1.293
#3	-3.745	.2220	154.2	196.9	4.615	1.152
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	**.6206**	**35.47**	**4437.**	**555.6**
Stddev	.6383	.15	23.	13.8
%RSD	102.9	.4284	.5275	2.491
#1	1.227	35.33	4413.	569.3
#2	-.0451	35.63	4440.	556.0
#3	.6796	35.45	4459.	541.6
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	**2430.2**	**26957.**	**4943.1**
Stddev	3.8	72.	10.9
%RSD	.15698	.26648	.21956
#1	2427.9	26890.	4955.6
#2	2428.1	26948.	4937.1
#3	2434.6	27033.	4936.5

Sample Name: 460-41492-d-1-j@4 Acquired: 6/25/2012 22:45:49 Type: Unk
Method: SW84606112012(v13) 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	**5032.**	**.8565**	**3.766**	**114.7**	**.1125**	**963.4**
Stddev	67.	1.625	.197	.2	.1210	20.4
%RSD	1.331	189.7	5.223	.2114	107.6	2.119
#1	5096.	-.9596	3.715	114.8	.2521	969.3
#2	5037.	2.172	3.983	114.8	.0485	980.3
#3	4962.	1.357	3.600	114.4	.0369	940.7
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	**1.188**	**3.078**	**27.70**	**42.02**	**11910.**	**692.2**
Stddev	.052	.108	.14	1.33	41.	44.1
%RSD	4.360	3.507	.5090	3.165	.3433	6.374
#1	1.248	3.202	27.74	40.90	11940.	654.6
#2	1.167	3.005	27.82	41.66	11910.	740.8
#3	1.151	3.027	27.54	43.49	11860.	681.3
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	**2219.**	**152.6**	**-21.44**	**13.83**	**28.70**	**-1.425**
Stddev	5.	.2	15.18	.47	.93	.628
%RSD	.2031	.1173	70.82	3.393	3.234	44.04
#1	2224.	152.6	-36.71	14.37	29.39	-1.248
#2	2216.	152.7	-6.342	13.51	29.06	-2.122
#3	2217.	152.4	-21.27	13.62	27.65	-.9050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-1-j@4 Acquired: 6/25/2012 22:45:49 Type: Unk
Method: SW84606112012(v13) 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	**-1.712**	**-1.050**	**12.36**	**85.41**	**2.650**	**1.109**
Stddev	1.504	.757	.56	.07	.568	.183
%RSD	87.81	72.12	4.562	.0805	21.44	16.52
#1	-.3843	-.6088	12.26	85.33	2.407	1.002
#2	-3.345	-1.925	12.97	85.47	2.245	1.321
#3	-1.408	-.6170	11.85	85.43	3.300	1.005
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	**17.08**	**10.96**	**214.9**	**294.3**
Stddev	.96	.09	1.7	15.4
%RSD	5.640	.8230	.7868	5.245
#1	15.98	10.85	216.3	302.8
#2	17.53	11.02	213.0	303.6
#3	17.74	11.00	215.4	276.5
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	**2358.2**	**26510.**	**4759.0**
Stddev	5.1	39.	17.1
%RSD	.21716	.14797	.35865
#1	2357.4	26548.	4739.3
#2	2363.7	26470.	4769.0
#3	2353.5	26514.	4768.8

Sample Name: 460-41492-d-9-g@4 Acquired: 6/25/2012 22:49:28 Type: Unk
Method: SW84606112012(v13) 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	**78070.**	**13.27**	**.0730**	**333.0**	**1.519**	**7097.**
Stddev	139.	.48	.2820	.2	.062	33.
%RSD	.1782	3.581	386.4	.0537	4.096	.4669
#1	78000.	13.81	-.1570	333.1	1.449	7104.
#2	77980.	12.92	.3876	333.2	1.567	7061.
#3	78230.	13.09	-.0117	332.8	1.541	7127.
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	**-.0408**	**40.44**	**187.9**	**155.7**	**106200.**	**4536.**
Stddev	.0754	.14	1.1	1.0	61.	109.
%RSD	184.8	.3537	.6034	.6484	.0573	2.401
#1	-.0415	40.27	189.2	156.4	106300.	4497.
#2	-.1159	40.52	187.2	156.2	106300.	4452.
#3	.0350	40.52	187.3	154.5	106200.	4659.
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	**21150.**	**1037.**	**144.3**	**91.70**	**46.60**	**-1.923**
Stddev	30.	1.	9.7	.48	.60	.878
%RSD	.1437	.1376	6.709	.5237	1.297	45.66
#1	21180.	1036.	142.2	91.29	47.17	-2.362
#2	21130.	1038.	135.8	92.23	46.64	-2.496
#3	21130.	1035.	154.8	91.58	45.97	-.9122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-9-g@4 Acquired: 6/25/2012 22:49:28 Type: Unk
Method: SW84606112012(v13) 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	**-3.525**	**.3862**	**199.2**	**299.7**	**7.778**	**2.528**
Stddev	1.544	1.382	.4	.3	.275	.339
%RSD	43.79	357.8	.2081	.1117	3.531	13.39
#1	-3.401	1.610	199.3	300.0	8.094	2.273
#2	-5.127	.6613	199.6	299.7	7.597	2.912
#3	-2.047	-1.113	198.8	299.3	7.644	2.398
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	**1.181**	**49.95**	**4711.**	**698.4**
Stddev	1.602	.17	10.	11.4
%RSD	135.6	.3347	.2195	1.639
#1	-.4445	49.88	4701.	710.2
#2	1.230	50.14	4710.	697.6
#3	2.758	49.82	4722.	687.3
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	**2417.6**	**26771.**	**4940.3**
Stddev	2.2	78.	4.1
%RSD	.08918	.29073	.08216
#1	2415.3	26841.	4941.4
#2	2419.6	26687.	4943.7
#3	2417.8	26784.	4935.8

Sample Name: 460-41492-d-10-g@4 Acquired: 6/25/2012 22:53:02 Type: Unk
Method: SW84606112012(v13) 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	**68790.**	**14.58**	**.3241**	**370.4**	**1.017**	**6069.**
Stddev	347.	1.37	.3299	1.2	.135	17.
%RSD	.5048	9.423	101.8	.3259	13.28	.2779
#1	68390.	15.96	.4110	369.1	1.024	6049.
#2	69030.	13.22	.6018	370.8	1.148	6079.
#3	68950.	14.56	-.0406	371.4	.8786	6079.
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	**-.2884**	**47.02**	**162.9**	**169.9**	**136200.**	**9717.**
Stddev	.0503	.33	1.3	.9	457.	67.
%RSD	17.45	.6939	.7830	.5220	.3358	.6918
#1	-.3456	46.66	161.6	170.9	135700.	9644.
#2	-.2509	47.10	164.2	169.8	136300.	9776.
#3	-.2687	47.30	162.9	169.1	136600.	9732.
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	**24870.**	**1626.**	**132.0**	**94.84**	**47.55**	**-2.348**
Stddev	113.	4.	4.3	.38	2.13	2.877
%RSD	.4522	.2504	3.225	.3954	4.479	122.5
#1	24750.	1621.	134.5	95.05	49.02	-2.546
#2	24900.	1627.	127.0	95.05	45.11	-5.121
#3	24970.	1629.	134.4	94.40	48.52	.6224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-10-g@4 Acquired: 6/25/2012 22:53:02 Type: Unk
Method: SW84606112012(v13) 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	**-4.652**	**-2.027**	**208.6**	**267.2**	**4.364**	**3.602**
Stddev	2.839	1.131	1.0	.7	.509	.409
%RSD	61.03	55.79	.5017	.2585	11.67	11.35
#1	-4.037	-1.760	207.5	266.4	3.928	3.379
#2	-7.748	-3.268	208.8	267.4	4.924	4.074
#3	-2.171	-1.054	209.6	267.7	4.241	3.353
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	**3.478**	**50.38**	**5383.**	**615.2**
Stddev	.315	.06	22.	25.5
%RSD	9.061	.1229	.4146	4.139
#1	3.765	50.36	5357.	585.9
#2	3.141	50.45	5396.	628.5
#3	3.528	50.33	5396.	631.3
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	**2424.4**	**26979.**	**4949.9**
Stddev	5.1	119.	8.5
%RSD	.20959	.44015	.17091
#1	2429.9	26850.	4952.3
#2	2419.9	27005.	4940.4
#3	2423.4	27083.	4956.8

Sample Name: CCV Acquired: 6/25/2012 22:56:37 Type: QC
Method: SW84606112012(v13) 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	**123200.**	**2440.**	**1230.**	**9952.**	**981.5**	**125000.**
Stddev	96.	2.	3.	29.	2.7	291.
%RSD	.0778	.1007	.2388	.2929	.2707	.2331
#1	123300.	2440.	1233.	9973.	984.6	125200.
#2	123100.	2442.	1227.	9966.	980.1	124700.
#3	123300.	2437.	1231.	9919.	979.9	125200.
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.**	**2476.**	**5016.**	**12310.**	**99610.**	**48970.**
Stddev	3.	6.	8.	39.	156.	219.
%RSD	.2749	.2594	.1504	.3199	.1565	.4462
#1	1252.	2480.	5025.	12340.	99790.	48980.
#2	1251.	2478.	5011.	12270.	99490.	48750.
#3	1245.	2468.	5012.	12310.	99550.	49180.
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	**123000.**	**5097.**	**122900.**	**2513.**	**7518.**	**990.1**
Stddev	123.	9.	272.	6.	14.	2.1
%RSD	.1001	.1794	.2213	.2490	.1843	.2095
#1	123200.	5103.	123100.	2514.	7530.	991.8
#2	122900.	5087.	122600.	2518.	7521.	990.6
#3	123000.	5102.	122900.	2506.	7503.	987.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 22:56:37 Type: QC
Method: SW84606112012(v13) 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	**2408.**	**2535.**	**2476.**	**2469.**	**998.1**	**2479.**
Stddev	6.	9.	5.	5.	1.1	6.
%RSD	.2682	.3369	.2147	.2058	.1060	.2495
#1	2415.	2537.	2480.	2471.	998.1	2483.
#2	2406.	2542.	2470.	2473.	999.1	2482.
#3	2403.	2525.	2477.	2463.	997.0	2472.
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	**990.6**	**5010.**	**9765.**	**9754.**
Stddev	.4	11.	23.	45.
%RSD	.0439	.2128	.2381	.4631
#1	991.0	5017.	9789.	9706.
#2	990.7	4998.	9743.	9796.
#3	990.1	5016.	9762.	9760.
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	**2176.8**	**24048.**	**4623.1**
Stddev	5.9	51.	12.3
%RSD	.27274	.21122	.26509
#1	2175.5	24000.	4609.1
#2	2171.7	24102.	4631.9
#3	2183.3	24043.	4628.3

Sample Name: CCB Acquired: 6/25/2012 22:59:57 Type: QC
Method: SW84606112012(v13) 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	**20.79**	**-.7599**	**.0797**	**.4665**	**.0847**	**10.18**
Stddev	28.51	.7467	.7512	.3618	.1798	2.19
%RSD	137.1	98.26	942.7	77.54	212.3	21.50
#1	52.67	-.7855	.0972	.8837	.2906	9.351
#2	11.97	-.0008	.8220	.2763	-.0408	8.528
#3	-2.269	-1.493	-.6801	.2396	.0043	12.66
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	**.0300**	**.3501**	**.2941**	**.0205**	**12.03**	**130.8**
Stddev	.0889	.0381	.4230	1.682	7.18	15.5
%RSD	296.2	10.88	143.8	8213.	59.71	11.84
#1	-.0674	.3446	.5508	1.208	18.63	138.6
#2	.0508	.3151	.5256	-1.904	13.07	112.9
#3	.1066	.3907	-.1941	.7571	4.384	140.8
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	**9.711**	**.4023**	**-53.78**	**-.0863**	**.3114**	**-3.316**
Stddev	10.01	.3344	13.46	.1095	1.149	1.749
%RSD	103.1	83.13	25.03	126.8	369.1	52.73
#1	21.20	.7707	-39.03	-.1776	1.529	-5.119
#2	2.859	.3181	-56.90	-.1163	-.7538	-3.203
#3	5.079	.1180	-65.40	.0350	.1587	-1.627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 22:59:57 Type: QC
Method: SW84606112012(v13) 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	**-2.440**	**-1.937**	**.2206**	**.2396**	**-.0440**	**2.907**
Stddev	1.896	.777	.4410	.2145	.8007	.303
%RSD	77.71	40.11	199.9	89.51	1822.	10.44
#1	-2.857	-1.462	.7169	.4116	.0568	2.895
#2	-.3701	-2.833	-.1262	.3079	-.8903	3.216
#3	-4.093	-1.515	.0712	-.0007	.7016	2.609
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	**.4654**	**.5904**	**1.195**	**2.732**
Stddev	1.085	.7029	.412	9.000
%RSD	233.1	119.1	34.53	329.4
#1	-.6808	1.376	1.639	.1577
#2	1.476	.3755	.8246	12.74
#3	.6011	.0201	1.120	-4.700
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	**2344.2**	**26311.**	**4693.8**
Stddev	1.1	76.	3.7
%RSD	.04773	.28932	.07871
#1	2344.8	26349.	4689.8
#2	2344.9	26223.	4697.2
#3	2342.9	26361.	4694.2

Sample Name: 460-41492-d-11-g@4 Acquired: 6/25/2012 23:03:43 Type: Unk
Method: SW84606112012(v13) 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	**62890.**	**9.773**	**.2524**	**493.6**	**1.080**	**6541.**
Stddev	158.	.951	.8299	1.4	.085	22.
%RSD	.2505	9.734	328.8	.2806	7.825	.3407
#1	62890.	9.729	.7807	493.6	1.044	6524.
#2	62740.	8.844	.6805	492.2	1.177	6532.
#3	63050.	10.75	-.7041	495.0	1.021	6566.
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	**-.1857**	**37.21**	**123.8**	**92.44**	**96410.**	**11750.**
Stddev	.0253	.40	.8	2.76	61.	51.
%RSD	13.60	1.082	.6221	2.989	.0629	.4359
#1	-.2100	37.64	124.3	90.15	96480.	11690.
#2	-.1875	36.84	122.9	95.51	96360.	11770.
#3	-.1596	37.14	124.2	91.66	96390.	11780.
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	**19700.**	**1392.**	**257.3**	**81.43**	**31.83**	**-1.191**
Stddev	13.	3.	9.1	.56	.38	.994
%RSD	.0679	.1832	3.544	.6904	1.200	83.47
#1	19690.	1395.	267.7	80.85	31.66	-.0572
#2	19710.	1392.	253.6	81.46	31.57	-1.602
#3	19710.	1390.	250.7	81.97	32.27	-1.913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-11-g@4 Acquired: 6/25/2012 23:03:43 Type: Unk
Method: SW84606112012(v13) 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	**-6.539**	**.7023**	**166.3**	**223.1**	**4.709**	**1.250**
Stddev	2.735	.3463	.9	.1	.437	.226
%RSD	41.83	49.31	.5262	.0312	9.283	18.06
#1	-3.382	.6158	167.2	223.2	4.573	1.339
#2	-8.026	1.084	165.6	223.0	5.198	1.418
#3	-8.208	.4074	166.0	223.1	4.356	.9934
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	**2.090**	**49.20**	**4577.**	**607.2**
Stddev	.531	.13	16.	9.9
%RSD	25.40	.2738	.3578	1.636
#1	1.732	49.34	4577.	618.6
#2	2.700	49.07	4560.	600.5
#3	1.838	49.18	4593.	602.5
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	**2431.3**	**27081.**	**4965.2**
Stddev	5.5	99.	11.9
%RSD	.22666	.36593	.23950
#1	2425.1	26967.	4964.9
#2	2435.6	27125.	4977.3
#3	2433.1	27150.	4953.5

Sample Name: 460-41492-d-12-g@4 Acquired: 6/25/2012 23:07:18 Type: Unk
Method: SW84606112012(v13) 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	**4223.**	**2.731**	**1.285**	**77.01**	**.2035**	**1134.**
Stddev	11.	2.430	.510	.23	.1356	27.
%RSD	.2588	88.99	39.71	.2969	66.60	2.363
#1	4212.	.7300	.8501	77.26	.1551	1131.
#2	4234.	5.436	1.847	76.93	.3567	1162.
#3	4223.	2.028	1.158	76.82	.0989	1109.
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	**3.068**	**2.848**	**21.57**	**23.44**	**12470.**	**425.9**
Stddev	.129	.160	.17	3.77	47.	39.2
%RSD	4.199	5.600	.7859	16.08	.3763	9.201
#1	2.947	2.733	21.65	19.72	12470.	389.4
#2	3.053	3.030	21.68	23.34	12510.	421.0
#3	3.203	2.780	21.37	27.26	12420.	467.3
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	**1784.**	**151.9**	**-11.40**	**8.913**	**18.39**	**-2.801**
Stddev	2.	.4	8.78	.299	.29	1.002
%RSD	.1312	.2437	77.08	3.350	1.569	35.77
#1	1782.	152.1	-8.552	9.256	18.38	-2.797
#2	1786.	152.1	-21.25	8.764	18.11	-3.805
#3	1783.	151.5	-4.385	8.718	18.68	-1.802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-12-g@4 Acquired: 6/25/2012 23:07:18 Type: Unk
Method: SW84606112012(v13) 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	**-2.229**	**-1.958**	**12.19**	**94.84**	**2.083**	**3.558**
Stddev	1.531	.549	.47	.24	1.237	.188
%RSD	68.71	28.06	3.887	.2495	59.41	5.281
#1	-1.444	-2.591	11.64	95.06	1.783	3.677
#2	-3.994	-1.689	12.49	94.88	1.023	3.655
#3	-1.249	-1.596	12.43	94.59	3.443	3.341
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	**5.461**	**15.48**	**126.2**	**268.1**
Stddev	.637	.08	1.1	9.9
%RSD	11.67	.4935	.8814	3.711
#1	6.185	15.50	127.1	279.3
#2	4.983	15.55	125.0	260.3
#3	5.216	15.40	126.6	264.6
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	**2381.8**	**26842.**	**4811.2**
Stddev	7.8	75.	16.2
%RSD	.32608	.28126	.33632
#1	2372.8	26809.	4799.2
#2	2386.0	26789.	4804.8
#3	2386.5	26929.	4829.6

Sample Name: 460-41492-d-13-g@4 Acquired: 6/25/2012 23:10:58 Type: Unk
Method: SW84606112012(v13) 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	**39000.**	**6.346**	**.0416**	**452.5**	**.7068**	**11130.**
Stddev	50.	.789	.3643	1.5	.0385	47.
%RSD	.1286	12.43	875.7	.3391	5.444	.4246
#1	38960.	7.061	-.1579	451.9	.7382	11080.
#2	38990.	5.500	-.1793	454.2	.6639	11130.
#3	39060.	6.477	.4620	451.3	.7183	11170.
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	**-.1185**	**29.27**	**99.33**	**82.97**	**67680.**	**10560.**
Stddev	.0304	.27	.13	2.66	71.	37.
%RSD	25.64	.9274	.1321	3.208	.1056	.3509
#1	-.1219	29.48	99.36	82.22	67610.	10520.
#2	-.1471	28.97	99.45	80.77	67670.	10590.
#3	-.0866	29.37	99.19	85.93	67760.	10570.
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	**15680.**	**1063.**	**385.0**	**62.65**	**21.87**	**-1.929**
Stddev	25.	2.	4.8	.50	1.00	1.027
%RSD	.1588	.1578	1.241	.8028	4.592	53.26
#1	15650.	1062.	389.8	62.31	22.86	-1.353
#2	15690.	1065.	384.8	63.22	20.85	-1.318
#3	15690.	1064.	380.3	62.40	21.90	-3.115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-13-g@4 Acquired: 6/25/2012 23:10:58 Type: Unk
Method: SW84606112012(v13) 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	**-4.097**	**-1.587**	**126.0**	**157.7**	**3.386**	**.4616**
Stddev	2.669	1.913	.4	.2	.492	.3627
%RSD	65.14	120.6	.3192	.1459	14.52	78.58
#1	-4.154	-1.428	125.9	157.8	2.876	.1014
#2	-1.400	.2421	126.5	157.8	3.424	.8269
#3	-6.737	-3.574	125.7	157.4	3.857	.4565
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	**.2087**	**51.08**	**3298.**	**541.4**
Stddev	.9221	.32	6.	13.3
%RSD	441.9	.6183	.1814	2.460
#1	1.201	50.90	3294.	554.1
#2	.0463	51.44	3305.	542.6
#3	-.6215	50.89	3296.	527.5
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	**2421.8**	**27026.**	**4929.9**
Stddev	3.0	109.	13.8
%RSD	.12577	.40160	.27915
#1	2419.2	26997.	4940.3
#2	2425.1	27147.	4935.1
#3	2421.0	26935.	4914.3

Sample Name: 460-41492-d-14-g@4 Acquired: 6/25/2012 23:14:33 Type: Unk
Method: SW84606112012(v13) 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	**49880.**	**8.078**	**.3209**	**485.3**	**.6438**	**9163.**
Stddev	258.	1.140	.1086	1.3	.0330	32.
%RSD	.5171	14.12	33.84	.2668	5.126	.3491
#1	50140.	7.469	.4371	484.9	.6635	9191.
#2	49890.	9.394	.3034	486.8	.6057	9171.
#3	49620.	7.372	.2221	484.4	.6622	9128.
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	**-.1104**	**37.20**	**110.2**	**139.0**	**86960.**	**14250.**
Stddev	.1105	.27	.1	.7	145.	42.
%RSD	100.1	.7263	.0771	.5277	.1670	.2919
#1	-.2200	37.15	110.2	139.7	86890.	14280.
#2	-.1122	37.49	110.3	138.3	87130.	14200.
#3	.0010	36.96	110.2	138.9	86860.	14270.
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	**20360.**	**1480.**	**166.7**	**81.79**	**28.71**	**-2.444**
Stddev	26.	2.	2.4	.50	.66	2.465
%RSD	.1263	.1686	1.455	.6116	2.303	100.9
#1	20360.	1479.	168.5	81.68	29.47	-.2551
#2	20380.	1483.	167.7	81.35	28.33	-5.114
#3	20330.	1478.	163.9	82.33	28.32	-1.962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-14-g@4 Acquired: 6/25/2012 23:14:33 Type: Unk
Method: SW84606112012(v13) 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	**-3.762**	**-.1026**	**143.2**	**239.9**	**3.320**	**-.0060**
Stddev	1.038	1.895	.1	.6	.570	.2109
%RSD	27.60	1847.	.0980	.2529	17.18	3497.
#1	-2.588	.7340	143.4	240.6	2.881	-.2495
#2	-4.136	1.230	143.2	239.5	3.964	.1138
#3	-4.561	-2.272	143.1	239.6	3.114	.1176
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	**1.375**	**49.67**	**4302.**	**520.8**
Stddev	.819	.13	19.	10.2
%RSD	59.53	.2638	.4381	1.963
#1	1.574	49.64	4313.	509.3
#2	2.076	49.81	4311.	524.4
#3	.4754	49.55	4280.	528.7
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	**2428.1**	**27151.**	**4977.8**
Stddev	7.3	24.	25.3
%RSD	.30160	.08731	.50884
#1	2428.8	27162.	4949.3
#2	2435.1	27168.	4986.2
#3	2420.5	27124.	4997.8

Sample Name: 460-41492-d-15-g@4 Acquired: 6/25/2012 23:18:08 Type: Unk
Method: SW84606112012(v13) 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	**40370.**	**12.82**	**1.025**	**319.4**	**.8132**	**6975.**
Stddev	100.	2.50	.278	.3	.0315	38.
%RSD	.2475	19.49	27.13	.0959	3.877	.5473
#1	40270.	13.88	.7046	319.1	.8127	6933.
#2	40390.	9.963	1.164	319.4	.7820	7007.
#3	40470.	14.61	1.205	319.7	.8450	6985.
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	**-.0586**	**30.00**	**101.6**	**138.1**	**91450.**	**7180.**
Stddev	.1994	.10	.3	3.4	75.	26.
%RSD	340.2	.3265	.3037	2.440	.0815	.3578
#1	-.1920	29.89	101.8	137.8	91520.	7172.
#2	-.1544	30.01	101.8	141.6	91470.	7159.
#3	.1706	30.09	101.2	134.9	91370.	7208.
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	**17870.**	**972.6**	**158.5**	**71.41**	**52.55**	**-1.948**
Stddev	21.	.5	9.0	.33	1.60	1.784
%RSD	.1165	.0491	5.685	.4551	3.042	91.59
#1	17850.	973.1	150.6	71.78	53.85	-3.474
#2	17870.	972.1	168.3	71.19	50.77	-2.384
#3	17900.	972.6	156.6	71.25	53.03	.0136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-15-g@4 Acquired: 6/25/2012 23:18:08 Type: Unk
Method: SW84606112012(v13) 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	**-4.270**	**.3545**	**118.2**	**364.5**	**3.871**	**1.022**
Stddev	.367	1.788	.2	.3	.540	.145
%RSD	8.597	504.5	.1287	.0898	13.94	14.15
#1	-3.852	-1.704	118.1	364.2	4.017	1.174
#2	-4.539	1.524	118.2	364.5	4.322	.8857
#3	-4.419	1.243	118.4	364.9	3.273	1.008
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	**5.374**	**51.53**	**2910.**	**611.8**
Stddev	.144	.23	4.	9.3
%RSD	2.681	.4450	.1442	1.521
#1	5.538	51.37	2905.	606.8
#2	5.317	51.43	2913.	606.0
#3	5.267	51.80	2910.	622.5
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	**2400.6**	**26765.**	**4923.3**
Stddev	4.6	63.	13.7
%RSD	.19215	.23579	.27767
#1	2399.7	26814.	4908.6
#2	2405.7	26787.	4935.6
#3	2396.6	26693.	4925.7

Sample Name: 460-41492-d-16-g@4 Acquired: 6/25/2012 23:21:44 Type: Unk
Method: SW84606112012(v13) 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	**40400.**	**6.833**	**.1642**	**383.4**	**.6742**	**8337.**
Stddev	43.	1.074	.3310	1.4	.0437	43.
%RSD	.1056	15.72	201.5	.3709	6.477	.5142
#1	40430.	5.615	-.2116	384.4	.7155	8332.
#2	40350.	7.641	.4122	384.0	.6285	8296.
#3	40420.	7.245	.2922	381.8	.6784	8382.
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	**-.1695**	**32.10**	**90.38**	**82.83**	**71550.**	**10630.**
Stddev	.0671	.17	.69	1.22	22.	99.
%RSD	39.62	.5408	.7616	1.473	.0314	.9268
#1	-.2123	32.28	90.00	81.44	71520.	10520.
#2	-.2041	32.08	89.98	83.38	71540.	10660.
#3	-.0921	31.94	91.18	83.69	71570.	10710.
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.**	**1274.**	**147.3**	**73.37**	**33.93**	**-2.732**
Stddev	36.	2.	15.7	.22	.70	1.334
%RSD	.1931	.1576	10.63	.2966	2.064	48.84
#1	18470.	1272.	137.6	73.22	33.17	-1.965
#2	18510.	1276.	165.4	73.62	34.06	-4.273
#3	18550.	1275.	139.0	73.28	34.56	-1.958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-16-g@4 Acquired: 6/25/2012 23:21:44 Type: Unk
Method: SW84606112012(v13) 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	**-2.603**	**-.9297**	**108.1**	**180.8**	**4.266**	**-.0347**
Stddev	1.009	.5596	.5	.3	1.017	.3101
%RSD	38.78	60.19	.4640	.1612	23.84	892.7
#1	-1.517	-.2849	108.5	181.1	5.422	-.3803
#2	-2.779	-1.289	108.2	180.5	3.508	.0567
#3	-3.512	-1.215	107.5	180.8	3.869	.2193
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	**1.155**	**35.94**	**3249.**	**628.8**
Stddev	.609	.05	7.	17.4
%RSD	52.71	.1298	.2144	2.764
#1	1.024	35.99	3245.	621.2
#2	.6231	35.90	3246.	616.6
#3	1.820	35.92	3257.	648.7
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	**2408.4**	**26747.**	**4922.9**
Stddev	4.8	37.	16.6
%RSD	.19825	.14017	.33628
#1	2403.0	26751.	4910.8
#2	2411.7	26783.	4941.8
#3	2410.7	26708.	4916.2

Sample Name: 460-41492-d-17-g@4 Acquired: 6/25/2012 23:25:20 Type: Unk
Method: SW84606112012(v13) 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	**39770.**	**7.191**	**2.397**	**746.7**	**-.0091**	**9610.**
Stddev	89.	.758	.561	2.4	.1250	41.
%RSD	.2230	10.54	23.41	.3155	1377.	.4299
#1	39720.	6.579	1.785	747.3	-.1530	9564.
#2	39710.	8.038	2.887	748.7	.0724	9626.
#3	39870.	6.955	2.521	744.1	.0534	9642.
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	**.5168**	**29.26**	**100.4**	**1105.**	**76050.**	**17420.**
Stddev	.0407	.05	.6	9.	227.	95.
%RSD	7.878	.1605	.5480	.8304	.2980	.5479
#1	.5015	29.26	99.82	1096.	76210.	17320.
#2	.5630	29.31	100.9	1114.	76150.	17430.
#3	.4861	29.22	100.4	1104.	75790.	17510.
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	**21920.**	**1055.**	**243.9**	**64.15**	**181.6**	**-.7108**
Stddev	59.	2.	14.5	.29	1.9	2.768
%RSD	.2686	.1699	5.959	.4506	1.051	389.4
#1	21960.	1055.	259.4	63.82	179.5	-1.912
#2	21930.	1057.	241.7	64.34	183.3	2.455
#3	21850.	1053.	230.6	64.29	182.0	-2.675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-17-g@4 Acquired: 6/25/2012 23:25:20 Type: Unk
Method: SW84606112012(v13) 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	**-4.714**	**1.120**	**125.7**	**560.2**	**2.593**	**-.3246**
Stddev	1.785	2.185	.8	1.2	1.032	.2216
%RSD	37.88	195.1	.6632	.2174	39.79	68.27
#1	-4.903	1.468	125.3	561.1	1.992	-.5284
#2	-2.841	3.111	126.6	560.6	3.785	-.0887
#3	-6.397	-1.218	125.0	558.8	2.003	-.3567
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	**20.73**	**39.58**	**4942.**	**513.3**
Stddev	.78	.17	12.	7.6
%RSD	3.754	.4254	.2453	1.486
#1	19.86	39.46	4930.	506.6
#2	21.37	39.77	4954.	511.8
#3	20.95	39.50	4942.	521.6
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	**2390.2**	**26590.**	**4878.1**
Stddev	3.9	108.	10.2
%RSD	.16333	.40469	.20854
#1	2394.6	26477.	4889.2
#2	2388.6	26600.	4875.9
#3	2387.3	26691.	4869.2

Sample Name: 460-41630-d-7-b@4 Acquired: 6/25/2012 23:28:54 Type: Unk
Method: SW84606112012(v13) 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	**51540.**	**42.70**	**-1.452**	**152.5**	**2.292**	**1916.**
Stddev	34.	.55	.343	.6	.051	6.
%RSD	.0650	1.282	23.65	.3740	2.224	.3275
#1	51520.	42.99	-1.384	152.9	2.341	1910.
#2	51520.	43.05	-1.148	152.7	2.239	1923.
#3	51580.	42.07	-1.824	151.9	2.295	1916.
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	**-.5743**	**16.19**	**90.89**	**40.18**	**97630.**	**2675.**
Stddev	.0261	.08	.54	1.89	227.	14.
%RSD	4.551	.4716	.5888	4.702	.2319	.5196
#1	-.5520	16.26	91.50	42.26	97840.	2659.
#2	-.6030	16.19	90.53	39.70	97670.	2681.
#3	-.5678	16.11	90.64	38.57	97390.	2685.
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	**4079.**	**454.7**	**-95.68**	**31.71**	**60.13**	**-4.495**
Stddev	14.	.9	18.32	.24	1.69	2.756
%RSD	.3435	.1916	19.14	.7706	2.804	61.30
#1	4092.	455.4	-104.7	31.47	59.71	-7.083
#2	4082.	454.9	-74.60	31.96	61.98	-1.598
#3	4064.	453.7	-107.7	31.68	58.69	-4.804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41630-d-7-b@4 Acquired: 6/25/2012 23:28:54 Type: Unk
Method: SW84606112012(v13) 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	**-2.515**	**-2.683**	**137.0**	**107.3**	**9.994**	**1.155**
Stddev	1.273	2.622	.4	.2	.522	.049
%RSD	50.62	97.75	.2791	.2066	5.221	4.231
#1	-1.857	-5.136	137.5	107.4	10.26	1.182
#2	-1.705	-2.994	136.8	107.5	9.393	1.098
#3	-3.983	.0814	136.8	107.1	10.33	1.184
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	**3.134**	**28.10**	**426.1**	**841.3**
Stddev	.939	.21	1.5	6.2
%RSD	29.96	.7360	.3482	.7401
#1	2.301	28.28	426.5	834.2
#2	4.152	27.87	427.3	844.1
#3	2.950	28.13	424.4	845.7
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	**2434.3**	**27052.**	**4949.0**
Stddev	7.2	95.	4.5
%RSD	.29548	.35024	.09166
#1	2434.7	26961.	4944.9
#2	2426.9	27043.	4948.1
#3	2441.3	27150.	4953.9

Sample Name: 460-41619-a-4-b@4 Acquired: 6/25/2012 23:32:30 Type: Unk
Method: SW84606112012(v13) 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	**58900.**	**21.84**	**-.5101**	**351.8**	**2.535**	**10710.**
Stddev	166.	.23	.4852	.5	.032	31.
%RSD	.2811	1.048	95.13	.1443	1.258	.2849
#1	58890.	22.03	-.5288	351.3	2.541	10690.
#2	58740.	21.59	-.9856	352.2	2.500	10700.
#3	59070.	21.90	-.0157	352.0	2.563	10740.
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	**6.148**	**48.94**	**121.1**	**115.3**	**119400.**	**4502.**
Stddev	.038	.13	.3	.8	95.	49.
%RSD	.6239	.2565	.2210	.6707	.0791	1.079
#1	6.177	48.90	121.0	116.0	119300.	4459.
#2	6.105	48.85	121.4	115.4	119500.	4492.
#3	6.162	49.09	120.9	114.5	119400.	4555.
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	**16960.**	**2086.**	**319.6**	**94.21**	**113.5**	**-2.341**
Stddev	20.	1.	9.6	.52	.2	.758
%RSD	.1196	.0592	3.002	.5554	.2076	32.38
#1	16930.	2087.	317.7	94.17	113.5	-1.934
#2	16970.	2086.	330.0	93.70	113.3	-1.874
#3	16960.	2085.	311.1	94.75	113.7	-3.216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41619-a-4-b@4 Acquired: 6/25/2012 23:32:30 Type: Unk
Method: SW84606112012(v13) 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	**-3.795**	**-2.006**	**199.5**	**2472.**	**15.65**	**-.6152**
Stddev	1.523	1.183	.3	2.	1.31	.1689
%RSD	40.13	58.96	.1399	.0937	8.337	27.45
#1	-4.489	-.7721	199.5	2470.	14.15	-.4291
#2	-4.848	-3.130	199.2	2474.	16.43	-.7587
#3	-2.049	-2.116	199.7	2472.	16.38	-.6577
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	**5.564**	**70.93**	**1592.**	**787.7**
Stddev	.864	.23	3.	2.8
%RSD	15.54	.3282	.1702	.3531
#1	4.772	70.81	1588.	786.0
#2	5.434	70.77	1593.	790.9
#3	6.486	71.19	1594.	786.1
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	**2506.3**	**27935.**	**5115.7**
Stddev	1.6	67.	11.3
%RSD	.06483	.23939	.22069
#1	2504.5	28010.	5114.6
#2	2507.7	27880.	5127.5
#3	2506.8	27916.	5105.0

Sample Name: lcs 460-117343/2-a Acquired: 6/25/2012 23:36:04 Type: QC
Method: SW84606112012(v13) 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	**2045.**	**1940.**	**50.11**	**2028.**	**49.88**	**20470.**
Stddev	29.	2.	.90	7.	.32	134.
%RSD	1.407	.0792	1.801	.3221	.6448	.6528
#1	2073.	1941.	49.95	2035.	50.24	20610.
#2	2045.	1940.	49.31	2027.	49.61	20440.
#3	2016.	1938.	51.09	2022.	49.80	20350.
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	**52.33**	**516.0**	**204.2**	**252.6**	**1042.**	**19720.**
Stddev	.05	1.1	.4	1.4	7.	74.
%RSD	.1024	.2178	.2002	.5416	.6329	.3771
#1	52.37	516.9	204.4	251.0	1047.	19810.
#2	52.35	516.5	204.4	253.3	1034.	19660.
#3	52.27	514.8	203.7	253.5	1044.	19710.
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	**19860.**	**527.3**	**19710.**	**527.8**	**532.3**	**473.6**
Stddev	25.	1.2	153.	1.4	2.1	4.5
%RSD	.1265	.2307	.7751	.2581	.3953	.9532
#1	19880.	528.6	19860.	529.3	534.7	478.9
#2	19840.	526.9	19710.	527.1	531.1	471.0
#3	19850.	526.3	19560.	526.9	531.0	471.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-117343/2-a Acquired: 6/25/2012 23:36:04 Type: QC
Method: SW84606112012(v13) 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	**1969.**	**2221.**	**497.5**	**517.5**	**530.5**	**491.4**
Stddev	6.	7.	.6	1.7	2.5	3.0
%RSD	.2828	.3064	.1276	.3197	.4669	.6118
#1	1964.	2227.	497.3	519.3	532.8	494.5
#2	1969.	2223.	497.0	517.2	530.8	491.1
#3	1975.	2214.	498.2	516.1	527.9	488.5
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	**515.4**	**490.4**	**492.5**	F **72.09**
Stddev	2.0	2.8	3.8	18.65
%RSD	.3875	.5761	.7786	25.87
#1	517.6	492.8	495.4	54.23
#2	515.2	491.1	493.9	70.60
#3	513.6	487.3	488.1	91.44
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	**2371.0**	**26205.**	**4800.5**
Stddev	2.7	152.	12.0
%RSD	.11449	.58041	.25063
#1	2371.4	26376.	4805.3
#2	2373.6	26152.	4786.8
#3	2368.2	26086.	4809.3

Sample Name: CCV Acquired: 6/25/2012 23:39:32 Type: QC
Method: SW84606112012(v13) 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	**123200.**	**2427.**	**1232.**	**9906.**	**981.3**	**125100.**
Stddev	180.	6.	1.	14.	2.1	114.
%RSD	.1459	.2387	.1045	.1439	.2158	.0915
#1	123200.	2432.	1234.	9920.	982.7	125000.
#2	123400.	2428.	1231.	9907.	982.4	125200.
#3	123000.	2421.	1232.	9891.	978.9	125100.
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.**	**2464.**	**5003.**	**12300.**	**99400.**	**48890.**
Stddev	2.	2.	9.	22.	121.	151.
%RSD	.1784	.0795	.1704	.1758	.1218	.3079
#1	1245.	2467.	5011.	12280.	99530.	48720.
#2	1242.	2464.	5002.	12300.	99300.	49000.
#3	1240.	2463.	4994.	12320.	99360.	48950.
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	**122600.**	**5087.**	**122900.**	**2502.**	**7486.**	**986.1**
Stddev	114.	5.	119.	3.	7.	5.7
%RSD	.0929	.0932	.0967	.1292	.0874	.5774
#1	122700.	5090.	123000.	2505.	7492.	986.7
#2	122600.	5081.	123000.	2502.	7487.	980.1
#3	122500.	5090.	122800.	2499.	7479.	991.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/25/2012 23:39:32 Type: QC
Method: SW84606112012(v13) 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	**2394.**	**2528.**	**2470.**	**2454.**	**997.4**	**2470.**
Stddev	7.	8.	1.	3.	1.0	5.
%RSD	.2910	.3213	.0507	.1346	.1040	.2073
#1	2400.	2535.	2471.	2457.	998.6	2475.
#2	2387.	2529.	2470.	2455.	997.1	2470.
#3	2397.	2519.	2469.	2450.	996.6	2465.
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	**984.4**	**5017.**	**9768.**	**9688.**
Stddev	.4	4.	15.	41.
%RSD	.0387	.0714	.1585	.4215
#1	984.2	5020.	9775.	9649.
#2	984.8	5018.	9778.	9684.
#3	984.2	5013.	9750.	9731.
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	**2186.5**	**24074.**	**4635.4**
Stddev	1.3	34.	13.5
%RSD	.05809	.14239	.29041
#1	2186.4	24113.	4620.1
#2	2185.4	24050.	4645.3
#3	2187.9	24059.	4640.7

Sample Name: CCB Acquired: 6/25/2012 23:42:51 Type: QC
Method: SW84606112012(v13) 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	**31.69**	**-.0721**	**-.4393**	**.4754**	**.0391**	**19.81**
Stddev	12.33	1.218	.6503	.4900	.1784	2.69
%RSD	38.91	1690.	148.0	103.1	455.9	13.58
#1	44.94	1.331	.2790	1.023	.0789	22.92
#2	20.54	-.8528	-.9880	.3265	.1943	18.14
#3	29.59	-.6943	-.6090	.0771	-.1558	18.38
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	**.0839**	**.0189**	**.1499**	**1.404**	**11.20**	**148.0**
Stddev	.0588	.0742	.7514	.924	.67	58.9
%RSD	70.11	392.4	501.3	65.83	5.975	39.81
#1	.1229	.1043	.6775	2.457	11.81	84.32
#2	.0162	-.0306	.4826	1.028	10.49	200.6
#3	.1125	-.0169	-.7105	.7265	11.29	159.1
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	**9.530**	**.3504**	**-55.13**	**-.2415**	**1.115**	**1.534**
Stddev	12.96	.3863	25.60	.3223	.282	2.653
%RSD	136.0	110.2	46.43	133.5	25.32	173.0
#1	24.05	.7907	-26.83	.0376	1.195	-.8831
#2	5.378	.1924	-61.91	-.5943	1.350	4.373
#3	-.8414	.0682	-76.66	-.1678	.8018	1.112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/25/2012 23:42:51 Type: QC
Method: SW84606112012(v13) 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	**-1.101**	**-.9282**	**.3428**	**.1958**	**1.265**	**2.908**
Stddev	.894	1.209	.2547	.0879	.647	.400
%RSD	81.20	130.3	74.29	44.90	51.13	13.76
#1	-.8468	-.9301	.6335	.0972	1.903	3.332
#2	-.3612	.2820	.1588	.2658	1.282	2.854
#3	-2.094	-2.136	.2362	.2243	.6096	2.538
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	**-.4832**	**.6321**	**1.164**	**5.519**
Stddev	.5510	.5313	.728	8.416
%RSD	114.0	84.05	62.56	152.5
#1	-1.038	1.227	1.828	12.44
#2	-.4748	.4630	1.278	7.960
#3	.0636	.2059	.3853	-3.849
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	**2342.8**	**26366.**	**4686.2**
Stddev	6.4	93.	25.8
%RSD	.27192	.35229	.55126
#1	2346.8	26473.	4709.6
#2	2335.5	26305.	4658.5
#3	2346.1	26319.	4690.6

Sample Name: mb 460-117343/1-a Acquired: 6/25/2012 23:46:37 Type: QC
Method: SW84606112012(v13) 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	**75.13**	**-1.932**	**.0830**	**.1274**	**.0710**	**105.5**
Stddev	12.26	.354	.5124	.1009	.0295	15.7
%RSD	16.32	18.34	617.2	79.22	41.59	14.87
#1	89.09	-1.611	.6735	.2206	.0915	110.8
#2	70.22	-2.312	-.1783	.1415	.0371	117.8
#3	66.09	-1.873	-.2461	.0202	.0843	87.81
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	**.1142**	**.2109**	**.0826**	**3.975**	**1.664**	**182.8**
Stddev	.0650	.2021	.2570	.946	7.334	75.5
%RSD	56.87	95.84	311.3	23.80	440.6	41.30
#1	.1207	.4268	.3708	3.666	5.027	268.4
#2	.0463	.0264	-.1229	3.221	-6.747	125.6
#3	.1758	.1794	-.0002	5.036	6.714	154.5
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	**2.144**	**.0860**	**-77.64**	**.0897**	**1.301**	**-.2091**
Stddev	4.994	.0585	6.13	.0857	.955	1.998
%RSD	232.9	67.99	7.896	95.52	73.38	955.5
#1	7.063	.1100	-82.00	.0968	2.315	-.8284
#2	2.291	.1286	-70.63	.1717	.4192	2.025
#3	-2.921	.0193	-80.28	.0007	1.169	-1.824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117343/1-a Acquired: 6/25/2012 23:46:37 Type: QC
Method: SW84606112012(v13) 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	**-1.763**	**-1.436**	**.3706**	**.0956**	**6.820**	**.4078**
Stddev	1.927	1.097	.5445	.1784	.246	.0716
%RSD	109.3	76.40	146.9	186.6	3.608	17.57
#1	-3.551	-.8359	.9985	-.1082	6.537	.4876
#2	.2787	-.7697	.0292	.1713	6.983	.3868
#3	-2.017	-2.702	.0840	.2238	6.939	.3490
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	**-.9521**	**.9973**	**-.3830**	**2.978**
Stddev	1.082	.0729	.3708	9.738
%RSD	113.6	7.310	96.82	327.0
#1	-.1892	.9983	-.5117	6.374
#2	-2.190	.9239	-.6722	10.56
#3	-.4771	1.070	.0350	-8.004
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	**2402.5**	**26866.**	**4786.7**
Stddev	5.3	156.	40.7
%RSD	.22183	.58043	.85013
#1	2407.4	27046.	4833.3
#2	2403.3	26786.	4769.1
#3	2396.8	26767.	4757.8

Sample Name: 460-41368-f-1-e du Acquired: 6/25/2012 23:50:21 Type: Unk
Method: SW84606112012(v13) 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	**212.5**	**5.419**	**-.4270**	**117.2**	**.0012**	**231500.**
Stddev	11.3	1.484	.4033	.5	.0118	366.
%RSD	5.310	27.38	94.46	.3880	1011.	.1581
#1	201.1	6.522	-.2363	117.6	-.0068	231900.
#2	223.7	6.004	-.1543	117.2	.0147	231100.
#3	212.7	3.732	-.8903	116.7	-.0045	231500.
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	**2.085**	**-.8100**	**.1378**	**45.45**	**250.8**	F **159100.**
Stddev	.098	.2104	.3758	3.00	7.4	1574.
%RSD	4.684	25.97	272.7	6.606	2.933	.9894
#1	1.991	-.7130	.4832	45.91	242.4	157300.
#2	2.186	-.6657	-.2624	42.25	256.1	159500.
#3	2.079	-1.051	.1925	48.20	253.8	160400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	F **553700.**	**17.18**	F **2753000.**	**7.462**	**9.851**	**.7396**
Stddev	3862.	.10	142200.	.337	1.617	2.596
%RSD	.6975	.5646	5.165	4.517	16.41	351.1
#1	557200.	17.14	2916000.	7.094	8.285	3.738
#2	549600.	17.11	2654000.	7.756	11.51	-.7462
#3	554300.	17.29	2688000.	7.536	9.754	-.7727
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-41368-f-1-e du Acquired: 6/25/2012 23:50:21 Type: Unk
Method: SW84606112012(v13) 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	**-4.374**	**-.5424**	**3.091**	**121.7**	**1961.**	**15.05**
Stddev	.709	1.904	.724	.6	4.	.37
%RSD	16.22	351.1	23.44	.4937	.2005	2.464
#1	-3.765	-2.590	3.483	122.4	1963.	15.24
#2	-4.205	-.2129	2.255	121.6	1963.	15.29
#3	-5.153	1.176	3.535	121.2	1956.	14.62
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	**-1.694**	**3170.**	**11.52**	**8414.**
Stddev	1.783	1.	.52	25.
%RSD	105.2	.0380	4.513	.2917
#1	-.3970	3171.	11.55	8398.
#2	-3.727	3169.	10.99	8442.
#3	-.9578	3170.	12.03	8401.
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	**1869.6**	**20200.**	**4614.9**
Stddev	6.7	53.	29.1
%RSD	.35844	.26475	.63117
#1	1875.4	20244.	4616.0
#2	1862.3	20215.	4643.5
#3	1871.3	20140.	4585.3

Sample Name: 460-41368-g-1-e Acquired: 6/25/2012 23:54:17 Type: Unk
Method: SW84606112012(v13) 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	**219.4**	**3.666**	**-.0005**	**116.1**	**-.0253**	**226500.**
Stddev	13.0	1.405	.9225	.2	.1350	568.
%RSD	5.918	38.33	171000.	.1599	532.5	.2506
#1	224.5	3.335	-.9386	116.2	-.1777	226700.
#2	229.1	5.207	.0314	116.1	.0226	226900.
#3	204.7	2.456	.9056	115.9	.0791	225800.
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	**1.919**	**-1.048**	**.2345**	**43.92**	**246.1**	F **158100.**
Stddev	.070	.256	.1587	1.54	9.0	558.
%RSD	3.644	24.41	67.70	3.514	3.676	.3531
#1	1.972	-.7813	.4137	45.70	240.4	157400.
#2	1.945	-1.292	.1784	42.91	256.6	158500.
#3	1.839	-1.072	.1114	43.16	241.4	158200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	F **544900.**	**16.71**	F **2543000.**	**7.502**	**10.07**	**1.069**
Stddev	1465.	.04	71340.	.157	1.26	1.930
%RSD	.2688	.2641	2.805	2.092	12.50	180.6
#1	546400.	16.75	2625000.	7.503	10.80	-1.160
#2	544800.	16.72	2505000.	7.659	10.79	2.161
#3	543500.	16.66	2499000.	7.345	8.615	2.206
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-41368-g-1-e Acquired: 6/25/2012 23:54:17 Type: Unk
Method: SW84606112012(v13) 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	**.3259**	**-.2330**	**3.429**	**119.2**	**1947.**	**14.58**
Stddev	3.695	.0937	.519	.7	3.	.08
%RSD	1134.	40.21	15.14	.5841	.1625	.5287
#1	-2.805	-.2726	3.777	119.9	1947.	14.55
#2	4.402	-.3004	3.678	118.5	1943.	14.53
#3	-.6192	-.1260	2.832	119.0	1950.	14.67
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	**-2.047**	**3111.**	**11.90**	**8405.**
Stddev	2.773	10.	.89	126.
%RSD	135.5	.3070	7.474	1.499
#1	-1.890	3104.	12.39	8287.
#2	-4.895	3122.	10.87	8538.
#3	.6443	3107.	12.43	8391.
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	**1901.0**	**20677.**	**4777.3**
Stddev	5.6	262.	64.6
%RSD	.29307	1.2691	1.3524
#1	1894.6	20599.	4704.9
#2	1904.0	20969.	4829.3
#3	1904.4	20461.	4797.6

Sample Name: sd 460-41368-g-1-e@5 Acquired: 6/25/2012 23:58:13 Type: Unk
Method: SW84606112012(v13) 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	**61.53**	**1.889**	**-.3152**	**23.55**	**.1296**	**45850.**
Stddev	14.82	2.921	.7703	.14	.0473	113.
%RSD	24.08	154.6	244.4	.6041	36.49	.2459
#1	63.93	5.257	-1.091	23.68	.0804	45830.
#2	75.01	.3604	-.3042	23.57	.1748	45980.
#3	45.66	.0492	.4495	23.40	.1335	45760.
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	**.4882**	**-.6766**	**-.1785**	**11.49**	**42.29**	**29900.**
Stddev	.0466	.1538	.2742	5.39	13.42	125.
%RSD	9.542	22.74	153.6	46.91	31.74	.4180
#1	.4917	-.6951	-.3878	14.54	56.51	29810.
#2	.4399	-.5143	.1319	5.267	40.55	30040.
#3	.5329	-.8203	-.2797	14.67	29.83	29840.
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	**106700.**	**3.344**	F **698900.**	**1.487**	**3.323**	**-1.192**
Stddev	401.	.170	6188.	.133	1.886	.448
%RSD	.3760	5.071	.8854	8.914	56.76	37.54
#1	106800.	3.302	697300.	1.480	1.863	-.8761
#2	106900.	3.531	693600.	1.623	5.453	-1.704
#3	106200.	3.200	705700.	1.358	2.654	-.9961
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: sd 460-41368-g-1-e@5 Acquired: 6/25/2012 23:58:13 Type: Unk
Method: SW84606112012(v13) 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	**.3720**	**-2.656**	**.9650**	**25.33**	**385.1**	**2.909**
Stddev	2.016	.829	.2989	.21	3.1	.296
%RSD	541.9	31.22	30.97	.8302	.8115	10.19
#1	2.661	-1.722	.7574	25.55	388.1	2.628
#2	-1.137	-3.307	1.308	25.13	385.3	3.219
#3	-.4080	-2.937	.8299	25.31	381.8	2.881
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	**-.6943**	**615.2**	**3.493**	**1458.**
Stddev	.7217	1.9	1.127	19.
%RSD	103.9	.3087	32.27	1.288
#1	-.0830	614.9	4.757	1470.
#2	-.5096	617.3	3.132	1437.
#3	-1.490	613.5	2.591	1469.
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	**2204.9**	**24014.**	**4911.3**
Stddev	10.9	134.	3.8
%RSD	.49361	.55687	.07648
#1	2193.8	24075.	4915.6
#2	2205.5	23861.	4908.7
#3	2215.5	24107.	4909.5

Sample Name: 460-41368-g-1-f ms Acquired: 6/26/2012 0:02:02 Type: Unk
Method: SW84606112012(v13) 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	**2165.**	**2114.**	**55.35**	**1978.**	**46.79**	**242500.**
Stddev	39.	11.	.21	4.	.27	1697.
%RSD	1.785	.5245	.3790	.1864	.5863	.6997
#1	2180.	2119.	55.56	1979.	46.92	243200.
#2	2193.	2121.	55.35	1981.	46.97	243700.
#3	2121.	2101.	55.14	1974.	46.47	240600.
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	**48.69**	**464.0**	**193.0**	**288.6**	**1203.**	F **179000.**
Stddev	.14	1.4	.6	2.9	9.	860.
%RSD	.2925	.2940	.2863	1.015	.7711	.4804
#1	48.84	464.5	193.6	286.7	1196.	178400.
#2	48.56	464.9	192.8	292.0	1199.	180000.
#3	48.66	462.4	192.6	287.2	1213.	178600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	F **555700.**	**513.5**	F **2419000.**	**475.9**	**469.3**	**514.3**
Stddev	1302.	1.5	101100.	1.7	2.6	.4
%RSD	.2342	.3014	4.181	.3543	.5508	.0682
#1	556900.	515.2	2526000.	477.6	471.7	514.3
#2	555800.	513.2	2405000.	474.2	469.8	514.6
#3	554300.	512.2	2325000.	475.8	466.5	513.9
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-41368-g-1-f ms Acquired: 6/26/2012 0:02:02 Type: Unk
Method: SW84606112012(v13) 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	**2087.**	**1763.**	**491.3**	**588.6**	F **2450.**	**482.9**
Stddev	8.	17.	1.5	2.9	13.	2.1
%RSD	.3876	.9644	.3026	.4997	.5359	.4351
#1	2092.	1778.	493.0	591.9	2448.	483.9
#2	2092.	1766.	490.7	586.4	2464.	484.3
#3	2078.	1745.	490.2	587.4	2438.	480.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**458.2**	**3578.**	**484.0**	**8691.**
Stddev	1.6	21.	3.0	168.
%RSD	.3560	.5794	.6169	1.929
#1	460.1	3578.	485.9	8669.
#2	457.4	3599.	485.4	8535.
#3	457.2	3558.	480.5	8868.
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	**1962.3**	**21633.**	**5039.3**
Stddev	23.1	143.	91.7
%RSD	1.1750	.65917	1.8193
#1	1954.8	21494.	4960.5
#2	1988.2	21625.	5017.5
#3	1943.9	21779.	5139.9

Sample Name: pds 460-41368-g-1-e Acquired: 6/26/2012 0:05:45 Type: Unk
Method: SW84606112012(v13) 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	**2129.**	**2150.**	**57.39**	**2010.**	**47.41**	**235100.**
Stddev	5.	16.	.22	10.	.22	1213.
%RSD	.2520	.7325	.3755	.5179	.4571	.5158
#1	2131.	2132.	57.18	2005.	47.61	236300.
#2	2133.	2158.	57.38	2002.	47.18	233900.
#3	2123.	2161.	57.61	2021.	47.43	235000.
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	**49.65**	**471.8**	**196.2**	**289.6**	**1221.**	F **174600.**
Stddev	.28	1.3	1.4	1.1	13.	837.
%RSD	.5639	.2694	.7068	.3934	1.098	.4796
#1	49.68	471.9	197.8	289.5	1206.	174400.
#2	49.36	470.5	195.5	288.5	1233.	173800.
#3	49.92	473.0	195.4	290.8	1223.	175500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	F **541800.**	**520.1**	F **2283000.**	**483.8**	**475.2**	**514.5**
Stddev	3216.	1.4	106600.	1.7	2.1	1.3
%RSD	.5935	.2781	4.669	.3494	.4505	.2522
#1	544300.	521.8	2386000.	484.7	477.3	513.7
#2	538200.	519.0	2290000.	481.8	473.1	513.8
#3	543000.	519.6	2173000.	484.8	475.1	516.0
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: pds 460-41368-g-1-e Acquired: 6/26/2012 0:05:45 Type: Unk
Method: SW84606112012(v13) 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	**2119.**	**1810.**	**499.0**	**593.4**	F **2406.**	**492.8**
Stddev	14.	12.	1.4	3.6	14.	1.9
%RSD	.6607	.6674	.2759	.6081	.5861	.3821
#1	2104.	1810.	499.1	595.5	2393.	492.8
#2	2123.	1798.	497.6	589.2	2404.	490.9
#3	2131.	1822.	500.3	595.5	2421.	494.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**466.4**	**3477.**	**490.8**	**8337.**
Stddev	2.6	18.	3.2	181.
%RSD	.5516	.5171	.6461	2.175
#1	467.7	3477.	493.1	8278.
#2	463.5	3459.	487.2	8193.
#3	468.1	3495.	492.1	8541.
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	**1976.5**	**21506.**	**5052.5**
Stddev	31.2	436.	150.7
%RSD	1.5783	2.0289	2.9828
#1	1943.0	21010.	4903.5
#2	2004.7	21675.	5049.2
#3	1981.7	21832.	5204.9

Sample Name: 460-41368-h-9-a Acquired: 6/26/2012 0:09:28 Type: Unk
Method: SW84606112012(v13) 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	**19.49**	**12.19**	**-.0481**	**22.08**	**-.0170**	**34660.**
Stddev	19.84	1.40	.3305	.27	.1593	99.
%RSD	101.8	11.52	687.7	1.223	936.9	.2849
#1	-2.852	13.26	-.1346	22.23	.0494	34770.
#2	26.25	12.70	.3171	22.23	-.1988	34600.
#3	35.06	10.60	-.3267	21.76	.0984	34600.
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	**.0286**	**.1086**	**-.3576**	**5.364**	**-21.15**	**60750.**
Stddev	.1208	.3675	.2532	5.127	7.31	73.
%RSD	423.1	338.3	70.81	95.58	34.53	.1194
#1	-.0972	.5054	-.2440	3.872	-12.96	60830.
#2	.1438	-.2199	-.6478	11.07	-23.50	60730.
#3	.0391	.0404	-.1811	1.148	-26.99	60690.
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	**225200.**	**55.95**	**243500.**	**1.333**	**1.895**	F **2408.**
Stddev	1259.	.22	1014.	.407	.284	10.
%RSD	.5591	.4017	.4164	30.54	14.98	.4015
#1	226600.	56.20	243000.	1.411	2.219	2409.
#2	224900.	55.81	242800.	.8921	1.690	2417.
#3	224200.	55.83	244700.	1.695	1.777	2398.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						2000.
Low Limit						-20.00

Sample Name: 460-41368-h-9-a Acquired: 6/26/2012 0:09:28 Type: Unk
Method: SW84606112012(v13) 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	**-.4080**	**-.9919**	**1.627**	**1.843**	**188.8**	**95.05**
Stddev	1.724	1.700	.693	.137	1.0	.27
%RSD	422.4	171.4	42.57	7.424	.5338	.2852
#1	1.243	-1.857	1.142	1.997	189.2	94.92
#2	-.2711	-2.085	1.318	1.736	189.5	95.36
#3	-2.196	.9663	2.420	1.797	187.7	94.87
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	**-.6921**	**321.2**	**-.1447**	**1558.**
Stddev	.3673	1.0	1.378	8.
%RSD	53.07	.3100	952.6	.5372
#1	-.8191	322.3	-1.735	1560.
#2	-.2781	320.3	.6154	1550.
#3	-.9789	321.0	.6859	1566.
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	**2434.5**	**26945.**	**5499.4**
Stddev	13.5	216.	56.2
%RSD	.55620	.79978	1.0217
#1	2419.3	26698.	5440.1
#2	2438.9	27038.	5506.3
#3	2445.4	27098.	5551.9

Sample Name: 460-41368-g-10-a Acquired: 6/26/2012 0:13:08 Type: Unk
Method: SW84606112012(v13) 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	**192.1**	**3.036**	**.3088**	**106.2**	**.0083**	**205400.**
Stddev	10.6	.731	.2420	1.2	.0911	269.
%RSD	5.505	24.08	78.38	1.111	1104.	.1308
#1	195.8	3.466	.1880	106.6	-.0584	205100.
#2	180.1	3.450	.5874	107.2	-.0289	205600.
#3	200.2	2.192	.1509	104.9	.1121	205600.
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	**1.808**	**-.9246**	**.1167**	**41.37**	**226.3**	F **148300.**
Stddev	.048	.3298	.5548	1.53	13.3	1325.
%RSD	2.635	35.66	475.5	3.691	5.888	.8936
#1	1.858	-1.195	-.5051	40.46	238.8	146800.
#2	1.763	-.5573	.2939	40.52	227.7	148600.
#3	1.801	-1.022	.5613	43.14	212.3	149300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

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	F **489100.**	**15.80**	F **2129000.**	**6.807**	**9.358**	**7.881**
Stddev	5563.	.07	69350.	.314	1.698	2.003
%RSD	1.137	.4404	3.257	4.619	18.15	25.42
#1	490200.	15.87	2199000.	6.446	11.32	5.568
#2	483100.	15.73	2128000.	7.019	8.338	9.050
#3	494000.	15.81	2061000.	6.958	8.418	9.026
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-41368-g-10-a Acquired: 6/26/2012 0:13:08 Type: Unk
Method: SW84606112012(v13) 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	**-1.485**	**.6758**	**2.738**	**111.5**	**1801.**	**13.56**
Stddev	4.939	1.202	.061	1.2	20.	.30
%RSD	332.6	177.8	2.240	1.085	1.085	2.224
#1	-5.738	-.3098	2.808	111.9	1799.	13.63
#2	3.933	2.015	2.710	112.4	1821.	13.83
#3	-2.649	.3225	2.695	110.1	1782.	13.23
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	**-2.336**	**2865.**	**10.21**	**7891.**
Stddev	2.361	6.	1.48	133.
%RSD	101.1	.2033	14.49	1.688
#1	-3.576	2868.	8.545	7923.
#2	.3871	2858.	10.70	7744.
#3	-3.819	2869.	11.38	8005.
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	**2022.8**	**22456.**	**5359.0**
Stddev	4.3	350.	109.2
%RSD	.21256	1.5571	2.0381
#1	2024.1	22599.	5436.3
#2	2026.3	22711.	5234.0
#3	2018.0	22057.	5406.6

Sample Name: 460-41373-c-1-a Acquired: 6/26/2012 0:17:04 Type: Unk
Method: SW84606112012(v13) 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	**328.2**	**10.12**	**.2099**	**118.4**	**.0074**	**136900.**
Stddev	6.3	2.73	.1455	.6	.1116	315.
%RSD	1.907	27.01	69.32	.4703	1510.	.2298
#1	335.4	12.55	.3464	118.8	.1339	137200.
#2	324.5	7.161	.0567	118.5	-.0346	137000.
#3	324.6	10.63	.2267	117.7	-.0771	136600.
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	**.1884**	**.6555**	**.0984**	**12.55**	**2678.**	**39230.**
Stddev	.1037	.2599	.4349	2.52	26.	132.
%RSD	55.03	39.65	441.9	20.10	.9763	.3360
#1	.2255	.7844	-.0093	10.18	2695.	39320.
#2	.0713	.8257	-.2726	12.28	2691.	39300.
#3	.2685	.3563	.5771	15.20	2648.	39080.
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	**125900.**	**222.8**	F **883600.**	**8.658**	**1.480**	**2.620**
Stddev	643.	.3	8884.	.892	1.267	1.679
%RSD	.5110	.1293	1.005	10.31	85.63	64.07
#1	126200.	222.8	887600.	9.022	2.174	1.610
#2	126300.	223.0	889800.	7.641	2.249	1.692
#3	125100.	222.4	873400.	9.311	.0173	4.557
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41373-c-1-a Acquired: 6/26/2012 0:17:04 Type: Unk
Method: SW84606112012(v13) 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	**-3.442**	**-.6515**	**2.601**	**100.9**	**606.8**	**6.463**
Stddev	1.894	2.127	.131	.8	1.1	.198
%RSD	55.03	326.5	5.053	.7771	.1749	3.055
#1	-3.861	-1.620	2.579	101.7	608.0	6.265
#2	-1.374	-2.122	2.743	101.1	606.4	6.463
#3	-5.091	1.788	2.482	100.1	606.1	6.660
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	**-2.110**	**1059.**	**14.58**	**5102.**
Stddev	.716	1.	1.24	36.
%RSD	33.93	.0936	8.478	.7139
#1	-2.933	1059.	13.57	5069.
#2	-1.629	1059.	14.23	5141.
#3	-1.769	1057.	15.96	5097.
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	**2228.6**	**24185.**	**5143.2**
Stddev	21.8	239.	73.8
%RSD	.97711	.98849	1.4352
#1	2212.3	24031.	5065.6
#2	2220.2	24062.	5151.4
#3	2253.4	24460.	5212.6

Sample Name: 460-41380-a-1-b Acquired: 6/26/2012 0:20:50 Type: Unk
Method: SW84606112012(v13) 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	**160.9**	**3.932**	**-.5808**	**112.4**	**.0657**	**61790.**
Stddev	24.0	1.558	.5873	.3	.0852	144.
%RSD	14.89	39.63	101.1	.2858	129.6	.2337
#1	152.9	4.168	-1.206	112.4	.1238	61710.
#2	187.9	5.359	-.0410	112.7	-.0321	61700.
#3	142.0	2.269	-.4953	112.1	.1054	61960.
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	**.1611**	**.5453**	**3.303**	**43.41**	**2413.**	**14630.**
Stddev	.0399	.2802	.351	1.81	11.	51.
%RSD	24.78	51.39	10.63	4.159	.4561	.3455
#1	.1159	.2330	3.438	45.48	2419.	14660.
#2	.1756	.6278	2.904	42.12	2419.	14570.
#3	.1917	.7750	3.566	42.65	2400.	14660.
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	**11650.**	**197.9**	**61990.**	**6.254**	**1.348**	**2.371**
Stddev	23.	.5	288.	.199	.542	1.243
%RSD	.1990	.2364	.4644	3.178	40.21	52.40
#1	11670.	197.5	61740.	6.025	1.565	.9948
#2	11640.	198.4	61920.	6.365	.7313	3.410
#3	11630.	197.8	62310.	6.374	1.749	2.709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41380-a-1-b Acquired: 6/26/2012 0:20:50 Type: Unk
Method: SW84606112012(v13) 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	**-1.531**	**-.1524**	**3.798**	**219.6**	**79.96**	**2.728**
Stddev	.996	1.270	.490	.6	.32	.072
%RSD	65.04	833.4	12.89	.2642	.3994	2.632
#1	-.4037	-1.582	4.260	219.5	80.05	2.766
#2	-2.291	.8453	3.849	220.2	80.22	2.645
#3	-1.897	.2796	3.285	219.1	79.60	2.772
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	**.0454**	**743.1**	**7.629**	**4193.**
Stddev	.6908	2.3	.489	33.
%RSD	1523.	.3083	6.407	.7764
#1	-.7403	741.5	7.209	4229.
#2	.5575	742.1	7.513	4166.
#3	.3189	745.7	8.166	4185.
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	**2454.0**	**27347.**	**5267.4**
Stddev	11.8	89.	44.6
%RSD	.48246	.32658	.84596
#1	2467.0	27373.	5311.8
#2	2451.4	27421.	5267.7
#3	2443.8	27248.	5222.7

Sample Name: CCV Acquired: 6/26/2012 0:24:30 Type: QC
Method: SW84606112012(v13) 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	**122100.**	**2451.**	**1229.**	**9871.**	**972.0**	**123900.**
Stddev	240.	4.	1.	9.	2.1	361.
%RSD	.1969	.1619	.0561	.0891	.2159	.2914
#1	121900.	2454.	1229.	9870.	972.2	123700.
#2	122400.	2453.	1229.	9863.	974.1	124300.
#3	121900.	2447.	1228.	9881.	969.9	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	**1238.**	**2457.**	**4943.**	**12150.**	**98250.**	**49080.**
Stddev	2.	4.	8.	62.	171.	169.
%RSD	.1861	.1763	.1596	.5087	.1736	.3442
#1	1236.	2454.	4934.	12150.	98050.	48930.
#2	1237.	2456.	4946.	12220.	98370.	49260.
#3	1241.	2462.	4948.	12090.	98310.	49060.
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	**120600.**	**5021.**	**119700.**	**2495.**	**7427.**	**997.3**
Stddev	299.	9.	300.	4.	10.	3.5
%RSD	.2476	.1862	.2508	.1776	.1387	.3529
#1	120200.	5012.	119500.	2491.	7425.	993.4
#2	120600.	5021.	120100.	2494.	7418.	1000.
#3	120800.	5031.	119600.	2500.	7438.	998.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 0:24:30 Type: QC
Method: SW84606112012(v13) 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	**2431.**	**2516.**	**2449.**	**2422.**	**1005.**	**2465.**
Stddev	2.	3.	4.	3.	.	1.
%RSD	.0772	.1096	.1753	.1247	.0403	.0577
#1	2429.	2516.	2445.	2419.	1006.	2465.
#2	2432.	2519.	2450.	2423.	1005.	2463.
#3	2433.	2514.	2453.	2425.	1006.	2466.
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	**978.6**	**5017.**	**9680.**	**9725.**
Stddev	4.1	14.	10.	44.
%RSD	.4227	.2743	.1036	.4572
#1	974.0	5018.	9674.	9776.
#2	979.7	5030.	9691.	9697.
#3	982.0	5003.	9674.	9702.
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	**2333.1**	**25855.**	**5111.1**
Stddev	6.4	17.	10.7
%RSD	.27490	.06681	.20955
#1	2325.8	25872.	5123.1
#2	2337.9	25837.	5107.6
#3	2335.6	25855.	5102.5

Sample Name: CCB Acquired: 6/26/2012 0:27:50 Type: QC
Method: SW84606112012(v13) 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	**22.62**	**-.6837**	**.0867**	**.5180**	**.2701**	**14.03**
Stddev	7.20	2.267	.1144	.4242	.1400	10.24
%RSD	31.81	331.6	131.9	81.90	51.83	72.96
#1	20.20	-2.805	.1601	.9118	.4318	6.768
#2	30.72	1.705	-.0451	.5732	.1880	25.74
#3	16.95	-.9515	.1451	.0688	.1905	9.588
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	**.0346**	**.1835**	**.0469**	**5.561**	**6.667**	**290.0**
Stddev	.0646	.1094	.4098	1.098	10.26	99.7
%RSD	186.4	59.63	874.1	19.75	153.9	34.38
#1	.1078	.1609	.4482	4.625	14.10	374.5
#2	.0105	.0872	-.3708	5.288	-5.045	315.3
#3	-.0144	.3025	.0633	6.770	10.95	180.0
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	**7.684**	**.4232**	**218.8**	**-.0708**	**.5120**	**.4439**
Stddev	12.49	.3596	33.2	.2889	.3222	2.149
%RSD	162.5	84.96	15.18	407.8	62.93	484.1
#1	21.28	.8334	250.5	-.3135	.2821	2.644
#2	5.033	.2739	221.7	.2487	.3737	.3382
#3	-3.266	.1624	184.2	-.1477	.8804	-1.650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 0:27:50 Type: QC
Method: SW84606112012(v13) 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	**-.6235**	**.7101**	**.4625**	**.2662**	**3.687**	**3.088**
Stddev	2.125	1.533	.2319	.1116	1.453	.334
%RSD	340.8	215.9	50.13	41.92	39.41	10.81
#1	-1.586	2.232	.3609	.3820	4.279	3.418
#2	-2.096	.7326	.2988	.1594	4.751	2.751
#3	1.812	-.8338	.7278	.2573	2.032	3.095
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	**-.4758**	**.6606**	**.9765**	**6.608**
Stddev	.7573	.4127	.5158	.975
%RSD	159.2	62.47	52.82	14.76
#1	-.2482	1.116	1.569	6.031
#2	-1.321	.5546	.7321	7.734
#3	.1417	.3113	.6284	6.060
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	**2487.1**	**28328.**	**5162.1**
Stddev	17.5	280.	76.7
%RSD	.70293	.98813	1.4858
#1	2471.1	28629.	5249.6
#2	2505.8	28281.	5106.4
#3	2484.5	28075.	5130.4

Sample Name: 460-41422-h-1-b Acquired: 6/26/2012 0:31:36 Type: Unk
Method: SW84606112012(v13) 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	**18.80**	**5.972**	**-.0873**	**53.19**	**.0577**	**17790.**
Stddev	23.72	2.108	.4134	.12	.0510	85.
%RSD	126.2	35.31	473.8	.2188	88.35	.4789
#1	-7.876	8.328	-.1084	53.06	.0592	17710.
#2	37.53	4.263	-.4897	53.29	.0060	17790.
#3	26.74	5.324	.3364	53.21	.1079	17880.
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	**-.0206**	**.6867**	**.7741**	**3.519**	**229.8**	**30210.**
Stddev	.0144	.0543	.2365	2.962	14.8	190.
%RSD	69.63	7.904	30.55	84.17	6.443	.6271
#1	-.0053	.6575	.9774	6.655	224.5	30010.
#2	-.0229	.7493	.8304	.7675	246.5	30250.
#3	-.0337	.6532	.5146	3.136	218.3	30380.
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	**9114.**	**8.955**	**163800.**	**3.634**	**1.003**	**-2.809**
Stddev	6.	.056	271.	.148	1.046	2.398
%RSD	.0680	.6197	.1651	4.083	104.3	85.36
#1	9111.	8.898	164000.	3.763	1.092	-5.429
#2	9121.	9.009	163500.	3.667	2.001	-.7226
#3	9111.	8.957	163900.	3.472	-.0846	-2.276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41422-h-1-b Acquired: 6/26/2012 0:31:36 Type: Unk
Method: SW84606112012(v13) 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	**-3.325**	**-.8187**	**1.749**	**2.582**	F **3341.**	**10.16**
Stddev	2.726	1.661	.286	.052	7.	.14
%RSD	82.00	202.9	16.37	2.013	.2140	1.340
#1	-2.145	-1.718	1.465	2.594	3333.	10.14
#2	-6.442	-1.836	1.744	2.626	3343.	10.04
#3	-1.387	1.098	2.038	2.524	3347.	10.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**-.6139**	**71.90**	**1.107**	**2300.**
Stddev	.4307	.22	.516	16.
%RSD	70.16	.3090	46.60	.6981
#1	-.7797	71.65	.8809	2309.
#2	-.1249	72.07	1.698	2309.
#3	-.9372	71.99	.7434	2281.
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	**2438.5**	**26846.**	**5187.0**
Stddev	11.4	171.	48.8
%RSD	.46846	.63578	.94167
#1	2447.6	27044.	5232.9
#2	2442.2	26751.	5192.6
#3	2425.6	26745.	5135.7

Sample Name: 460-41477-b-2-a Acquired: 6/26/2012 0:35:16 Type: Unk
Method: SW84606112012(v13) 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	**100.3**	**5.780**	**-.5328**	**349.1**	**.0166**	**103300.**
Stddev	9.1	1.223	.1569	.9	.0888	385.
%RSD	9.092	21.15	29.45	.2687	533.4	.3726
#1	93.56	6.339	-.6384	349.3	-.0215	103000.
#2	96.75	6.622	-.6075	349.9	-.0467	103800.
#3	110.7	4.377	-.3525	348.0	.1181	103300.
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	**-.0246**	**2.708**	**.4055**	**4.556**	**-36.84**	**63100.**
Stddev	.0359	.241	.4083	3.715	12.35	917.
%RSD	145.8	8.900	100.7	81.53	33.52	1.453
#1	-.0532	2.544	-.0385	1.674	-50.44	62050.
#2	-.0362	2.595	.4901	3.246	-26.34	63480.
#3	.0156	2.985	.7649	8.749	-33.73	63760.
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	F **251400.**	**42.42**	F **1508000.**	**33.21**	**.7520**	**-.4751**
Stddev	879.	.11	21770.	.37	1.649	1.402
%RSD	.3496	.2680	1.444	1.118	219.3	295.2
#1	251200.	42.55	1524000.	33.34	2.085	-1.826
#2	252400.	42.36	1517000.	33.50	1.264	.9736
#3	250700.	42.35	1484000.	32.79	-1.092	-.5727
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-41477-b-2-a Acquired: 6/26/2012 0:35:16 Type: Unk
Method: SW84606112012(v13) 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	**-3.168**	**.1810**	**1.576**	**2.620**	**1544.**	**1.532**
Stddev	2.172	.5624	.487	.119	5.	.119
%RSD	68.56	310.8	30.90	4.556	.3051	7.744
#1	-5.425	-.4426	1.452	2.511	1543.	1.576
#2	-2.985	.6497	2.113	2.600	1540.	1.621
#3	-1.093	.3359	1.163	2.748	1549.	1.397
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	**-1.577**	**1826.**	**3.546**	**7321.**
Stddev	.936	5.	.284	63.
%RSD	59.36	.3011	8.004	.8566
#1	-2.587	1821.	3.705	7391.
#2	-1.404	1832.	3.714	7270.
#3	-.7394	1826.	3.218	7302.
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	**2134.9**	**22950.**	**4979.7**
Stddev	19.9	265.	93.9
%RSD	.93033	1.1549	1.8860
#1	2142.4	23192.	5062.9
#2	2112.4	22667.	4877.9
#3	2149.9	22991.	4998.3

Sample Name: 460-41479-d-1-a Acquired: 6/26/2012 0:39:03 Type: Unk
Method: SW84606112012(v13) 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	**89.46**	**1.859**	**.0894**	**65.56**	**.0575**	**44660.**
Stddev	17.81	1.244	.4306	.33	.0469	155.
%RSD	19.91	66.88	481.8	.4968	81.62	.3465
#1	73.77	2.312	.4151	65.93	.0300	44660.
#2	85.80	.4528	-.3989	65.32	.1116	44810.
#3	108.8	2.813	.2519	65.43	.0308	44500.
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	**.0972**	**.3485**	**-.6278**	**1.760**	**2490.**	**2560.**
Stddev	.0761	.3002	.2153	3.966	18.	93.
%RSD	78.32	86.13	34.29	225.4	.7231	3.644
#1	.1182	.6557	-.8482	1.078	2473.	2660.
#2	.0128	.3339	-.4179	-1.821	2509.	2545.
#3	.1605	.0559	-.6174	6.023	2487.	2475.
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	**9596.**	**993.6**	**41520.**	**.9624**	**2.844**	**-3.383**
Stddev	19.	1.5	150.	.2451	.469	2.003
%RSD	.2017	.1470	.3613	25.47	16.47	59.20
#1	9616.	992.1	41600.	1.185	2.380	-4.396
#2	9577.	995.0	41610.	.6996	2.834	-4.676
#3	9596.	993.7	41350.	1.003	3.317	-1.076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-1-a Acquired: 6/26/2012 0:39:03 Type: Unk
Method: SW84606112012(v13) 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	**-2.949**	**-1.107**	**1.805**	**4.053**	**55.29**	**.9247**
Stddev	2.574	.714	.262	.112	.09	.2031
%RSD	87.28	64.49	14.49	2.767	.1693	21.96
#1	-4.420	-1.274	2.102	3.982	55.40	1.129
#2	.0232	-1.722	1.700	3.995	55.24	.7232
#3	-4.449	-.3242	1.612	4.183	55.23	.9217
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	**-1.241**	**139.3**	**3.115**	**6328.**
Stddev	.104	.6	1.091	47.
%RSD	8.403	.3973	35.01	.7430
#1	-1.253	139.8	2.336	6358.
#2	-1.338	139.5	4.362	6273.
#3	-1.131	138.7	2.648	6351.
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	**2455.6**	**27276.**	**5114.2**
Stddev	11.7	91.	21.9
%RSD	.47534	.33198	.42800
#1	2453.4	27321.	5126.6
#2	2468.2	27335.	5088.9
#3	2445.2	27172.	5127.0

Sample Name: 460-41479-d-2-a Acquired: 6/26/2012 0:42:42 Type: Unk
Method: SW84606112012(v13) 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	**80.00**	**1.552**	**-.8799**	**58.60**	**.0483**	**33710.**
Stddev	22.98	1.925	.0930	.20	.0714	65.
%RSD	28.73	124.0	10.57	.3337	147.8	.1914
#1	72.44	-.0380	-.9378	58.63	-.0331	33760.
#2	61.75	1.002	-.9294	58.78	.0780	33730.
#3	105.8	3.693	-.7726	58.39	.1002	33630.
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	**-.5446**	**.0559**	**1.177**	**6.553**	**63750.**	**2999.**
Stddev	.0341	.0385	.356	4.692	96.	62.
%RSD	6.262	68.90	30.26	71.60	.1505	2.054
#1	-.5482	.0209	1.080	10.55	63860.	2996.
#2	-.5088	.0971	.8798	7.728	63720.	3062.
#3	-.5767	.0496	1.572	1.385	63670.	2939.
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	**8361.**	**379.2**	**85230.**	**1.174**	**7.105**	**-3.988**
Stddev	20.	1.1	117.	.269	1.888	1.250
%RSD	.2361	.2785	.1374	22.94	26.57	31.36
#1	8383.	380.1	85340.	1.461	4.926	-2.550
#2	8345.	379.5	85100.	.9272	8.152	-4.826
#3	8355.	378.0	85250.	1.133	8.238	-4.587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-2-a Acquired: 6/26/2012 0:42:42 Type: Unk
Method: SW84606112012(v13) 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	**-3.594**	**.5203**	**.0118**	**19.32**	**43.92**	**-.1084**
Stddev	2.945	.8446	.2479	.15	1.00	.1279
%RSD	81.96	162.3	2109.	.7936	2.271	118.0
#1	-6.989	-.4494	-.2403	19.18	43.69	-.1778
#2	-1.724	.9155	.0203	19.48	45.02	-.1866
#3	-2.068	1.095	.2552	19.30	43.06	.0393
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	**.1894**	**83.48**	**.0253**	**4050.**
Stddev	.0656	.29	.3630	5.
%RSD	34.65	.3419	1437.	.1269
#1	.1195	83.81	.0594	4056.
#2	.2497	83.34	.3700	4047.
#3	.1990	83.30	-.3536	4046.
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	**2428.5**	**26820.**	**5041.4**
Stddev	9.0	50.	24.9
%RSD	.37256	.18816	.49376
#1	2438.4	26815.	5063.4
#2	2426.3	26772.	5046.6
#3	2420.7	26873.	5014.4

Sample Name: 460-41479-d-3-a Acquired: 6/26/2012 0:46:22 Type: Unk
Method: SW84606112012(v13) 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	**152.1**	**.3911**	**-.4498**	**110.9**	**.0363**	**27190.**
Stddev	19.0	1.393	.1175	.3	.0067	64.
%RSD	12.50	356.2	26.13	.2587	18.57	.2360
#1	159.3	1.862	-.4343	111.1	.0424	27120.
#2	130.6	-.9091	-.3408	110.9	.0290	27220.
#3	166.5	.2207	-.5743	110.6	.0374	27230.
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	**.3449**	**1.621**	**-.0480**	**4.022**	**3261.**	**2269.**
Stddev	.0637	.104	.5227	2.786	12.	65.
%RSD	18.48	6.399	1090.	69.26	.3570	2.880
#1	.3768	1.728	-.0740	6.353	3251.	2199.
#2	.3865	1.614	-.5571	.9371	3274.	2279.
#3	.2715	1.521	.4873	4.777	3259.	2329.
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	**4645.**	**1859.**	**74710.**	**1.875**	**1.963**	**-1.367**
Stddev	6.	5.	80.	.373	2.017	1.403
%RSD	.1261	.2573	.1076	19.87	102.7	102.6
#1	4652.	1856.	74630.	1.642	3.834	-2.264
#2	4641.	1856.	74710.	1.678	-.1731	-2.087
#3	4643.	1864.	74790.	2.305	2.227	.2489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-3-a Acquired: 6/26/2012 0:46:22 Type: Unk
Method: SW84606112012(v13) 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	**-5.153**	**2.400**	**1.045**	**9.808**	**62.97**	**.0685**
Stddev	2.784	1.143	.381	.119	.31	.0805
%RSD	54.03	47.62	36.48	1.212	.4990	117.5
#1	-5.180	1.349	1.471	9.671	62.82	.0133
#2	-2.356	2.234	.7370	9.882	62.76	.0313
#3	-7.924	3.617	.9265	9.872	63.33	.1609
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	**-1.119**	**145.7**	**4.689**	**4979.**
Stddev	.577	.3	1.276	23.
%RSD	51.58	.2222	27.21	.4705
#1	-1.243	145.3	5.470	4981.
#2	-.4899	145.9	5.381	5001.
#3	-1.624	145.8	3.217	4954.
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	**2429.6**	**26857.**	**5045.9**
Stddev	8.3	69.	14.8
%RSD	.34178	.25585	.29296
#1	2436.3	26915.	5028.9
#2	2420.3	26874.	5055.9
#3	2432.4	26781.	5052.9

Sample Name: 460-41479-d-4-a Acquired: 6/26/2012 0:50:01 Type: Unk
Method: SW84606112012(v13) 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	**452.6**	**1.301**	**-.0784**	**49.13**	**.1149**	**35890.**
Stddev	6.5	2.403	.1866	.04	.1110	42.
%RSD	1.435	184.7	238.0	.0823	96.60	.1158
#1	454.9	2.374	.1370	49.15	-.0002	35850.
#2	457.7	-1.452	-.1903	49.08	.1236	35930.
#3	445.3	2.981	-.1819	49.15	.2213	35890.
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	**.2539**	**.7760**	**11.66**	**20.98**	**1055.**	**4099.**
Stddev	.0915	.2273	.31	1.97	4.	37.
%RSD	36.03	29.29	2.663	9.389	.3566	.8982
#1	.1674	.9032	11.31	22.29	1052.	4092.
#2	.3496	.5136	11.90	18.72	1059.	4139.
#3	.2446	.9112	11.76	21.95	1053.	4066.
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	**1315.**	**1905.**	**26850.**	**3.684**	**4.168**	**-.6093**
Stddev	3.	1.	76.	.143	.733	1.622
%RSD	.2576	.0352	.2818	3.876	17.60	266.2
#1	1311.	1905.	26870.	3.779	4.688	-1.252
#2	1316.	1904.	26910.	3.520	4.486	-1.811
#3	1318.	1905.	26770.	3.753	3.329	1.235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-4-a Acquired: 6/26/2012 0:50:01 Type: Unk
Method: SW84606112012(v13) 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	**-3.059**	**-.8831**	**3.191**	**29.72**	**35.06**	**1.363**
Stddev	1.391	1.354	.426	.19	.56	.276
%RSD	45.48	153.4	13.36	.6538	1.583	20.27
#1	-4.358	-.8346	3.661	29.84	34.51	1.665
#2	-3.226	-2.261	3.085	29.83	35.62	1.122
#3	-1.591	.4464	2.828	29.50	35.05	1.304
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	**-.9500**	**184.9**	**9.582**	**5339.**
Stddev	.9480	.4	1.461	19.
%RSD	99.79	.2074	15.24	.3614
#1	-.0945	185.2	7.938	5360.
#2	-.7863	184.5	10.73	5321.
#3	-1.969	184.9	10.08	5337.
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	**2460.4**	**27350.**	**5048.6**
Stddev	3.9	107.	24.2
%RSD	.15972	.39278	.47862
#1	2456.7	27474.	5067.8
#2	2460.1	27276.	5021.5
#3	2464.5	27301.	5056.5

Sample Name: 460-41479-d-5-a Acquired: 6/26/2012 0:53:40 Type: Unk
Method: SW84606112012(v13) 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	**29.85**	**.5753**	**-.2952**	**36.33**	**.1065**	**8331.**
Stddev	12.74	1.051	.4520	.03	.0348	23.
%RSD	42.69	182.6	153.1	.0797	32.64	.2809
#1	33.19	1.587	-.7034	36.34	.1247	8355.
#2	40.58	-.5102	-.3727	36.30	.1284	8328.
#3	15.77	.6488	.1905	36.36	.0664	8309.
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	**-.0969**	**.6475**	**1.462**	**2.440**	**25550.**	**1560.**
Stddev	.0867	.1097	.212	3.590	22.	23.
%RSD	89.50	16.94	14.48	147.1	.0844	1.443
#1	-.1747	.5894	1.234	.4644	25570.	1582.
#2	-.0034	.5790	1.498	6.584	25520.	1537.
#3	-.1126	.7740	1.653	.2712	25540.	1562.
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	**6781.**	**195.6**	**16410.**	**1.466**	**3.878**	**-3.188**
Stddev	9.	.6	23.	.292	.777	1.191
%RSD	.1395	.2872	.1395	19.92	20.03	37.36
#1	6791.	196.2	16400.	1.677	4.374	-2.473
#2	6778.	195.5	16440.	1.588	2.983	-4.563
#3	6772.	195.1	16400.	1.133	4.277	-2.528
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-5-a Acquired: 6/26/2012 0:53:40 Type: Unk
Method: SW84606112012(v13) 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	**-3.915**	**-.3031**	**.3672**	**4.450**	**16.65**	**-.1556**
Stddev	1.566	2.224	.2894	.092	.19	.1023
%RSD	40.01	733.8	78.80	2.064	1.140	65.77
#1	-4.991	1.023	.6579	4.461	16.82	-.0968
#2	-4.636	-2.871	.0791	4.353	16.68	-.0962
#3	-2.118	.9387	.3647	4.535	16.45	-.2737
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	**-.4318**	**19.60**	**-.6595**	**879.3**
Stddev	1.047	.17	.2331	12.0
%RSD	242.6	.8782	35.35	1.362
#1	-.3153	19.40	-.4678	890.6
#2	.5526	19.70	-.5917	866.8
#3	-1.533	19.70	-.9190	880.5
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	**2497.8**	**27716.**	**5096.0**
Stddev	7.9	71.	15.5
%RSD	.31428	.25763	.30510
#1	2489.3	27719.	5091.2
#2	2504.8	27786.	5083.4
#3	2499.3	27643.	5113.4

Sample Name: 460-41479-d-6-a Acquired: 6/26/2012 0:57:20 Type: Unk
Method: SW84606112012(v13) 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	**51.41**	**-.6416**	**-.3186**	**101.1**	**-.0164**	**57060.**
Stddev	23.55	1.445	.5622	.1	.1892	78.
%RSD	45.82	225.2	176.5	.0938	1152.	.1374
#1	69.63	-2.301	-.9591	101.0	-.0919	57150.
#2	59.78	.0415	.0933	101.1	.1989	57060.
#3	24.81	.3350	-.0900	101.1	-.1562	56990.
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	**-.1894**	**.8351**	**-.3386**	**5.148**	**20750.**	**3162.**
Stddev	.0285	.3932	.0696	6.084	33.	98.
%RSD	15.05	47.08	20.55	118.2	.1612	3.107
#1	-.1565	1.188	-.3412	10.10	20760.	3186.
#2	-.2061	.4116	-.2678	6.991	20780.	3054.
#3	-.2057	.9053	-.4069	-1.645	20720.	3246.
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	**11500.**	**2462.**	**84930.**	**3.328**	**3.441**	**-2.552**
Stddev	28.	3.	138.	.066	1.166	.809
%RSD	.2417	.1258	.1620	1.968	33.89	31.71
#1	11530.	2466.	85090.	3.259	4.642	-2.892
#2	11500.	2461.	84860.	3.389	2.313	-3.135
#3	11470.	2461.	84840.	3.337	3.367	-1.628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-6-a Acquired: 6/26/2012 0:57:20 Type: Unk
Method: SW84606112012(v13) 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	**-2.685**	**-.2640**	**.1112**	**2.399**	**53.34**	**.8085**
Stddev	1.488	.7799	.4998	.088	1.50	.1821
%RSD	55.41	295.4	449.4	3.683	2.808	22.52
#1	-4.171	-.4614	.1617	2.455	51.68	.5994
#2	-2.690	.5957	.5838	2.444	54.60	.9316
#3	-1.195	-.9262	-.4119	2.297	53.73	.8947
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	**-.4034**	**97.89**	**2.444**	**4442.**
Stddev	.5799	.58	1.096	32.
%RSD	143.7	.5965	44.85	.7105
#1	-.0767	97.87	3.275	4462.
#2	-.0606	98.48	2.854	4459.
#3	-1.073	97.32	1.202	4406.
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	**2420.9**	**26772.**	**5069.4**
Stddev	11.0	62.	22.9
%RSD	.45520	.23171	.45257
#1	2431.7	26831.	5095.3
#2	2409.7	26707.	5061.2
#3	2421.2	26779.	5051.7

Sample Name: 460-41479-d-7-a Acquired: 6/26/2012 1:01:00 Type: Unk
Method: SW84606112012(v13) 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	**3343.**	**2.960**	**-.3228**	**128.4**	**.1020**	**102500.**
Stddev	3.	2.187	.4139	.3	.0200	222.
%RSD	.0846	73.89	128.2	.1969	19.64	.2166
#1	3340.	5.437	-.7728	128.7	.0847	102400.
#2	3344.	2.150	.0417	128.4	.1240	102700.
#3	3346.	1.294	-.2373	128.2	.0973	102300.
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	**.0886**	**1.350**	**2.864**	**6.526**	**3552.**	**4818.**
Stddev	.1296	.240	.284	1.798	4.	33.
%RSD	146.2	17.80	9.925	27.55	.1212	.6782
#1	.1508	1.332	3.164	7.798	3556.	4807.
#2	.1754	1.119	2.827	4.469	3554.	4793.
#3	-.0603	1.599	2.599	7.311	3547.	4855.
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	**14650.**	**80.11**	**13370.**	**3.661**	**6.347**	**-2.150**
Stddev	32.	.36	36.	.207	.375	.906
%RSD	.2178	.4536	.2718	5.643	5.906	42.14
#1	14670.	80.52	13340.	3.664	6.775	-1.543
#2	14670.	80.00	13410.	3.866	6.078	-3.192
#3	14610.	79.82	13360.	3.452	6.188	-1.716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-7-a Acquired: 6/26/2012 1:01:00 Type: Unk
Method: SW84606112012(v13) 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	**-2.711**	**.5181**	**4.271**	**14.90**	**43.69**	**-.2028**
Stddev	2.584	.8842	.269	.18	.22	.0923
%RSD	95.29	170.7	6.289	1.240	.4920	45.53
#1	-5.564	1.374	4.513	14.92	43.62	-.1524
#2	-2.042	.5730	3.982	14.70	43.52	-.1466
#3	-.5280	-.3922	4.317	15.07	43.93	-.3094
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	**-.5779**	**314.9**	**83.39**	**9718.**
Stddev	.3563	.6	2.93	82.
%RSD	61.66	.1869	3.509	.8417
#1	-.9261	315.0	80.53	9804.
#2	-.5937	315.5	83.26	9709.
#3	-.2139	314.3	86.37	9641.
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	**2452.7**	**27325.**	**5095.2**
Stddev	4.7	63.	30.2
%RSD	.19132	.23105	.59352
#1	2457.5	27395.	5130.1
#2	2452.5	27305.	5079.5
#3	2448.1	27274.	5076.1

Sample Name: 460-41479-d-8-a Acquired: 6/26/2012 1:04:38 Type: Unk
Method: SW84606112012(v13) 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	**229.0**	**7.942**	**.2469**	**54.26**	**.1680**	**33130.**
Stddev	9.1	1.583	.3571	.24	.0964	79.
%RSD	3.979	19.93	144.6	.4472	57.39	.2396
#1	225.2	9.748	.2521	54.19	.1183	33070.
#2	239.4	6.796	-.1128	54.53	.2791	33100.
#3	222.4	7.283	.6013	54.06	.1066	33220.
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	**-.0295**	**12.67**	**-.5749**	**1.404**	**17220.**	**1115.**
Stddev	.0673	.32	.5384	3.033	36.	38.
%RSD	228.4	2.563	93.65	216.1	.2072	3.434
#1	.0237	12.39	-.2867	3.157	17250.	1131.
#2	-.0070	13.02	-1.196	-2.099	17180.	1071.
#3	-.1051	12.59	-.2419	3.154	17230.	1143.
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	**7176.**	**4324.**	**48040.**	**-.3316**	**2.943**	**-1.548**
Stddev	8.	1.	38.	.1686	.559	1.701
%RSD	.1055	.0126	.0800	50.86	18.98	109.9
#1	7179.	4325.	48060.	-.2564	3.312	-1.674
#2	7181.	4324.	47990.	-.2136	2.300	-3.181
#3	7167.	4324.	48050.	-.5247	3.217	.2127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-8-a Acquired: 6/26/2012 1:04:38 Type: Unk
Method: SW84606112012(v13) 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	**-2.972**	**-.2671**	**-.1568**	**3.102**	**27.05**	**.5950**
Stddev	3.117	2.174	.2509	.188	.32	.2874
%RSD	104.9	813.7	160.0	6.066	1.174	48.31
#1	-2.002	1.149	.1081	2.885	27.28	.3012
#2	-.4560	.8190	-.3908	3.208	27.19	.8756
#3	-6.459	-2.770	-.1877	3.213	26.69	.6081
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	**-.7939**	**126.0**	**.1966**	**4369.**
Stddev	1.010	.3	.6742	10.
%RSD	127.3	.2576	343.0	.2262
#1	.2401	125.9	-.1404	4359.
#2	-1.779	125.7	-.2427	4378.
#3	-.8431	126.3	.9729	4371.
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	**2490.8**	**27615.**	**5121.6**
Stddev	5.1	182.	11.6
%RSD	.20581	.66042	.22725
#1	2496.7	27812.	5131.2
#2	2488.3	27582.	5124.9
#3	2487.3	27452.	5108.7

Sample Name: CCV Acquired: 6/26/2012 1:08:21 Type: QC
Method: SW84606112012(v13) 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	**122800.**	**2453.**	**1230.**	**9898.**	**965.5**	**124700.**
Stddev	153.	4.	.	9.	2.0	130.
%RSD	.1242	.1427	.0387	.0929	.2102	.1041
#1	122900.	2455.	1230.	9888.	967.8	124900.
#2	122800.	2449.	1229.	9905.	964.3	124600.
#3	122600.	2454.	1230.	9902.	964.4	124700.
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.**	**2466.**	**4968.**	**12100.**	**98810.**	**49920.**
Stddev	3.	3.	6.	50.	231.	99.
%RSD	.2072	.1188	.1220	.4129	.2334	.1990
#1	1241.	2464.	4964.	12150.	98610.	49810.
#2	1245.	2465.	4975.	12100.	99060.	49960.
#3	1246.	2470.	4966.	12050.	98750.	50000.
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.**	**5055.**	**122800.**	**2503.**	**7482.**	**993.9**
Stddev	221.	9.	308.	5.	8.	4.6
%RSD	.1810	.1825	.2509	.1871	.1052	.4580
#1	121700.	5047.	123100.	2498.	7473.	989.0
#2	122100.	5065.	122700.	2503.	7487.	998.0
#3	122000.	5052.	122500.	2508.	7486.	994.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 1:08:21 Type: QC
Method: SW84606112012(v13) 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	**2434.**	**2524.**	**2459.**	**2444.**	**1005.**	**2468.**
Stddev	13.	2.	2.	3.	5.	2.
%RSD	.5474	.0705	.0623	.1239	.5353	.0931
#1	2428.	2525.	2458.	2440.	1001.	2465.
#2	2425.	2524.	2461.	2446.	1002.	2469.
#3	2449.	2522.	2460.	2446.	1011.	2469.
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	**985.0**	**5035.**	**9667.**	**9424.**
Stddev	.9	10.	26.	25.
%RSD	.0930	.1924	.2647	.2666
#1	985.9	5046.	9696.	9411.
#2	984.9	5027.	9656.	9453.
#3	984.1	5032.	9648.	9408.
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	**2297.8**	**25347.**	**4892.5**
Stddev	7.8	67.	12.9
%RSD	.34019	.26291	.26416
#1	2289.1	25284.	4877.6
#2	2300.0	25340.	4899.6
#3	2304.3	25417.	4900.4

Sample Name: CCB Acquired: 6/26/2012 1:11:42 Type: QC
Method: SW84606112012(v13) 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	**26.52**	**.1223**	**.0586**	**.5281**	**.0754**	**20.61**
Stddev	6.23	.6111	.3624	.3567	.0238	3.89
%RSD	23.47	499.8	618.2	67.55	31.49	18.88
#1	30.35	.8164	.3936	.9340	.0664	24.24
#2	19.34	-.3350	.1083	.3852	.1024	21.08
#3	29.87	-.1146	-.3260	.2649	.0575	16.50
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	**.0494**	**.2675**	**.1545**	**1.855**	**9.755**	**166.0**
Stddev	.1585	.2048	.5512	4.728	6.177	101.9
%RSD	320.8	76.54	356.8	254.9	63.33	61.40
#1	.2281	.4727	.4590	7.314	16.10	236.7
#2	-.0054	.2668	.4862	-.8835	3.765	212.2
#3	-.0744	.0631	-.4817	-.8664	9.394	49.17
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	**7.638**	**.4202**	**83.93**	**.1397**	**.4030**	**-1.077**
Stddev	10.51	.3288	30.17	.4793	.5804	.985
%RSD	137.6	78.24	35.95	343.2	144.0	91.45
#1	19.70	.7756	113.5	.6587	.6596	-.0982
#2	2.811	.3579	85.04	.0466	-.2614	-2.068
#3	.4077	.1270	53.21	-.2863	.8109	-1.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 1:11:42 Type: QC
Method: SW84606112012(v13) 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	**-1.689**	**.6555**	**.3531**	**.0449**	**2.804**	**2.879**
Stddev	1.083	2.718	.1846	.0773	.832	.586
%RSD	64.08	414.6	52.29	172.3	29.69	20.37
#1	-.4833	-1.105	.5399	.1249	3.699	3.233
#2	-2.577	3.786	.3487	.0391	2.659	3.201
#3	-2.008	-.7140	.1707	-.0294	2.053	2.202
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	**-.5275**	**.6539**	**1.910**	**15.20**
Stddev	.4847	.6037	.504	11.16
%RSD	91.89	92.31	26.38	73.44
#1	-.9801	1.327	2.309	2.314
#2	-.5862	.4745	1.344	21.33
#3	-.0161	.1603	2.076	21.95
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	**2461.9**	**27785.**	**4971.8**
Stddev	14.4	92.	33.0
%RSD	.58632	.32935	.66276
#1	2477.5	27889.	4986.0
#2	2459.1	27718.	4995.3
#3	2449.1	27747.	4934.1

Sample Name: 460-41479-d-9-a Acquired: 6/26/2012 1:15:28 Type: Unk
Method: SW84606112012(v13) 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	**9373.**	**5.471**	**.0974**	**145.2**	**.4695**	**69920.**
Stddev	37.	.937	.4600	.3	.0258	263.
%RSD	.3919	17.13	472.1	.1886	5.487	.3764
#1	9411.	5.650	-.2378	145.5	.4430	70220.
#2	9369.	4.457	.6219	144.9	.4710	69810.
#3	9338.	6.305	-.0917	145.3	.4944	69730.
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	**.5559**	**18.82**	**20.63**	**31.39**	**13360.**	**4264.**
Stddev	.1070	.06	.30	5.11	25.	41.
%RSD	19.24	.2977	1.448	16.28	.1867	.9617
#1	.6778	18.85	20.39	33.60	13380.	4261.
#2	.4774	18.76	20.96	25.55	13340.	4224.
#3	.5126	18.86	20.55	35.03	13380.	4306.
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	**11660.**	**1730.**	**96400.**	**21.00**	**22.92**	**-3.340**
Stddev	9.	6.	342.	.27	.45	.889
%RSD	.0803	.3266	.3543	1.306	1.962	26.62
#1	11670.	1736.	96790.	21.08	22.99	-3.875
#2	11660.	1724.	96210.	20.70	22.44	-3.832
#3	11650.	1729.	96190.	21.24	23.33	-2.314
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-9-a Acquired: 6/26/2012 1:15:28 Type: Unk
Method: SW84606112012(v13) 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	**-.7427**	**-2.579**	**14.10**	**133.0**	**46.94**	**1.898**
Stddev	1.903	.672	.41	.3	.77	.079
%RSD	256.2	26.06	2.906	.2278	1.634	4.140
#1	-.4858	-1.898	14.45	133.2	47.74	1.812
#2	1.019	-3.242	13.65	133.1	46.88	1.916
#3	-2.761	-2.595	14.19	132.6	46.21	1.967
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	**-.1524**	**198.3**	**244.1**	**18450.**
Stddev	.8431	.6	2.6	37.
%RSD	553.1	.3238	1.076	.1990
#1	-.8138	198.9	243.9	18470.
#2	-.4404	197.6	241.7	18410.
#3	.7969	198.3	246.9	18460.
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	**2478.9**	**27454.**	**5118.9**
Stddev	5.6	138.	4.8
%RSD	.22513	.50122	.09468
#1	2485.3	27583.	5124.1
#2	2474.8	27470.	5114.5
#3	2476.7	27309.	5118.0

Sample Name: 460-41479-d-10-a Acquired: 6/26/2012 1:19:04 Type: Unk
Method: SW84606112012(v13) 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	**61.69**	**.4327**	**-.3345**	**71.46**	**.1956**	**33640.**
Stddev	6.46	1.216	.3446	.17	.1192	119.
%RSD	10.48	281.0	103.0	.2405	60.94	.3522
#1	63.99	-.3944	.0513	71.47	.1634	33760.
#2	54.39	-.1365	-.6116	71.29	.3276	33630.
#3	66.69	1.829	-.4432	71.63	.0958	33520.
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	**-.1025**	**.2449**	**-.0443**	**5.959**	**13900.**	**2605.**
Stddev	.0382	.3236	.1568	2.823	25.	28.
%RSD	37.27	132.1	353.7	47.38	.1777	1.086
#1	-.1005	.2893	.0965	7.000	13920.	2590.
#2	-.1417	.5439	-.0162	2.763	13870.	2588.
#3	-.0654	-.0986	-.2133	8.114	13890.	2638.
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	**13310.**	**709.8**	**80170.**	**.8729**	**1.505**	**-3.160**
Stddev	20.	.3	258.	.1156	1.265	.438
%RSD	.1505	.0403	.3219	13.24	84.07	13.85
#1	13330.	710.1	80460.	.8287	2.963	-3.283
#2	13290.	709.7	80100.	1.004	.7064	-3.523
#3	13310.	709.6	79950.	.7859	.8443	-2.674
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-10-a Acquired: 6/26/2012 1:19:04 Type: Unk
Method: SW84606112012(v13) 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	**-1.247**	**-1.846**	**-.1694**	**3.980**	**36.64**	**1.533**
Stddev	1.979	.602	.1392	.069	.73	.250
%RSD	158.8	32.63	82.17	1.727	1.998	16.28
#1	.8215	-2.526	-.1787	3.993	36.59	1.382
#2	-1.439	-1.379	-.3036	3.906	37.39	1.396
#3	-3.123	-1.633	-.0258	4.041	35.93	1.821
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	**-1.155**	**61.39**	**1.734**	**1634.**
Stddev	.807	.19	.865	5.
%RSD	69.86	.3059	49.91	.3079
#1	-.5059	61.60	.8167	1633.
#2	-2.058	61.33	2.536	1639.
#3	-.9006	61.24	1.849	1629.
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	**2428.1**	**26882.**	**5032.4**
Stddev	14.2	52.	35.3
%RSD	.58584	.19436	.70208
#1	2444.3	26940.	5026.3
#2	2422.2	26867.	5070.4
#3	2417.7	26839.	5000.5

Sample Name: 460-41479-d-11-a Acquired: 6/26/2012 1:22:44 Type: Unk
Method: SW84606112012(v13) 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	**44.50**	**1.130**	**-.3867**	**94.79**	**.0552**	**38540.**
Stddev	16.41	2.592	.6840	.18	.0732	76.
%RSD	36.87	229.4	176.9	.1939	132.5	.1985
#1	26.32	4.098	.3658	95.00	.1124	38630.
#2	58.21	-.6854	-.9708	94.68	.0805	38500.
#3	48.98	-.0230	-.5552	94.68	-.0273	38500.
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	**.0301**	**.1233**	**-.6272**	**3.330**	**200.6**	**1757.**
Stddev	.0962	.0807	.4211	.599	3.6	38.
%RSD	319.1	65.44	67.15	18.00	1.786	2.147
#1	.1406	.1015	-.6217	3.922	203.0	1735.
#2	-.0352	.0558	-.2088	2.724	196.5	1735.
#3	-.0150	.2127	-1.051	3.345	202.3	1800.
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	**9445.**	**108.7**	**40340.**	**.6213**	**1.442**	**-2.338**
Stddev	10.	.4	101.	.4569	1.532	.727
%RSD	.1027	.3596	.2503	73.54	106.2	31.09
#1	9447.	108.4	40340.	1.016	.3802	-1.931
#2	9454.	109.1	40240.	.1208	3.199	-1.905
#3	9435.	108.6	40440.	.7270	.7481	-3.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41479-d-11-a Acquired: 6/26/2012 1:22:44 Type: Unk
Method: SW84606112012(v13) 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	**-1.908**	**-.1618**	**1.555**	**6.619**	**41.50**	**.1360**
Stddev	2.396	1.002	.581	.075	.73	.0940
%RSD	125.6	619.5	37.37	1.132	1.768	69.10
#1	.3993	-1.068	1.377	6.534	42.34	.0388
#2	-1.739	-.3322	1.083	6.677	41.10	.2263
#3	-4.384	.9149	2.204	6.645	41.05	.1429
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	**-1.186**	**105.9**	**2.417**	**2426.**
Stddev	.434	.2	.288	12.
%RSD	36.60	.1497	11.91	.5137
#1	-1.579	106.1	2.742	2425.
#2	-1.259	105.8	2.313	2439.
#3	-.7202	105.9	2.195	2414.
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	**2436.0**	**27111.**	**5013.5**
Stddev	1.3	32.	19.2
%RSD	.05190	.11852	.38327
#1	2434.8	27146.	5024.5
#2	2435.9	27083.	5024.7
#3	2437.3	27104.	4991.3

Sample Name: 460-41525-g-5-a Acquired: 6/26/2012 1:26:24 Type: Unk
Method: SW84606112012(v13) 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	**44.20**	**5.938**	**-.5362**	**114.3**	**.1780**	**71950.**
Stddev	6.10	2.440	.4122	.4	.0189	195.
%RSD	13.79	41.08	76.87	.3520	10.62	.2710
#1	46.83	3.555	-.3144	114.0	.1962	72000.
#2	37.23	5.829	-1.012	114.3	.1794	71730.
#3	48.54	8.431	-.2825	114.8	.1585	72120.
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	**-.0564**	**-.0106**	**-.9162**	**2.129**	**-9.104**	**1498.**
Stddev	.0248	.1103	.1154	4.609	3.187	86.
%RSD	43.92	1037.	12.60	216.5	35.01	5.773
#1	-.0301	.0779	-.9833	-2.227	-7.450	1592.
#2	-.0599	.0244	-.9823	6.954	-7.084	1422.
#3	-.0793	-.1342	-.7829	1.659	-12.78	1479.
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	**29170.**	**.2058**	**92370.**	**.4707**	**.1855**	**-2.947**
Stddev	14.	.0836	215.	.4597	.2844	1.099
%RSD	.0471	40.62	.2324	97.65	153.3	37.30
#1	29170.	.1246	92470.	.8765	.4421	-2.948
#2	29150.	.2011	92130.	-.0285	.2347	-4.045
#3	29180.	.2917	92520.	.5642	-.1203	-1.847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41525-g-5-a Acquired: 6/26/2012 1:26:24 Type: Unk
Method: SW84606112012(v13) 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	**.3737**	**-1.184**	**.6766**	**1.128**	**5.744**	**1.301**
Stddev	2.333	2.549	.2188	.055	1.450	.167
%RSD	624.2	215.2	32.34	4.843	25.24	12.86
#1	2.767	-1.367	.8420	1.184	7.139	1.322
#2	-1.893	1.451	.7592	1.126	4.245	1.457
#3	.2469	-3.637	.4285	1.075	5.847	1.124
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	**-1.205**	**115.3**	**2.396**	**5147.**
Stddev	1.149	.4	1.261	7.
%RSD	95.32	.3223	52.62	.1339
#1	-1.861	115.3	3.819	5146.
#2	-1.877	115.0	1.948	5141.
#3	.1213	115.7	1.420	5155.
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	**2391.0**	**26595.**	**5041.7**
Stddev	10.2	114.	18.5
%RSD	.42462	.42820	.36785
#1	2402.6	26717.	5052.2
#2	2384.2	26576.	5052.6
#3	2386.1	26492.	5020.3

Sample Name: lb 460-117031/1-a Acquired: 6/26/2012 1:30:04 Type: Unk
Method: SW84606112012(v13) 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	**21.12**	**.1428**	**-.0560**	**.9006**	**-.0126**	**326.4**
Stddev	20.10	1.185	.4413	.4295	.1357	74.4
%RSD	95.18	829.4	788.8	47.69	1077.	22.79
#1	5.480	-1.009	-.5360	.5248	.1362	288.9
#2	14.09	.0806	.3323	.8083	-.1295	278.1
#3	43.79	1.357	.0358	1.369	-.0444	412.0
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	**.0379**	**.0354**	**.2258**	**3.199**	**-.2569**	**273.2**
Stddev	.0359	.0754	.2186	4.579	2.736	47.8
%RSD	94.70	213.3	96.79	143.1	1065.	17.50
#1	.0002	-.0483	.3704	-1.981	1.440	218.9
#2	.0417	.0981	.3328	6.706	1.203	309.0
#3	.0716	.0563	-.0256	4.872	-3.413	291.8
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	**55.46**	**.6077**	**6306.**	**-.2230**	**.3715**	**-2.626**
Stddev	15.56	.2613	31.	.2488	1.140	1.061
%RSD	28.05	43.00	.4972	111.6	306.8	40.40
#1	41.58	.3799	6276.	-.5098	-.1412	-2.675
#2	52.51	.5501	6304.	-.0945	-.4217	-3.661
#3	72.28	.8930	6338.	-.0647	1.678	-1.541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-117031/1-a Acquired: 6/26/2012 1:30:04 Type: Unk
Method: SW84606112012(v13) 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	**-3.110**	**-.3470**	**.1796**	**.4730**	**37.45**	**.0926**
Stddev	1.700	.4061	.4105	.1852	1.20	.1898
%RSD	54.65	117.0	228.5	39.15	3.202	205.1
#1	-4.110	-.6039	-.2094	.3825	37.91	.2409
#2	-4.073	.1212	.6086	.3504	36.08	-.1214
#3	-1.148	-.5583	.1396	.6860	38.34	.1582
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	**-1.393**	**.8047**	**-.3469**	**193.8**
Stddev	.237	.1361	2.020	10.4
%RSD	17.04	16.91	582.3	5.389
#1	-1.446	.8037	-2.675	193.3
#2	-1.598	.6691	.9366	204.5
#3	-1.133	.9413	.6980	183.6
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	**2513.8**	**28111.**	**5072.1**
Stddev	7.1	146.	19.6
%RSD	.28072	.51790	.38686
#1	2521.9	28239.	5089.1
#2	2509.3	27952.	5050.7
#3	2510.1	28140.	5076.6

Sample Name: CCV Acquired: 6/26/2012 1:33:50 Type: QC
Method: SW84606112012(v13) 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	**122200.**	**2439.**	**1220.**	**9849.**	**959.7**	**124800.**
Stddev	180.	7.	1.	7.	1.1	533.
%RSD	.1475	.2997	.1013	.0692	.1146	.4270
#1	122100.	2441.	1219.	9842.	960.9	124400.
#2	122200.	2446.	1219.	9855.	958.8	124700.
#3	122400.	2431.	1221.	9850.	959.3	125400.
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	**1238.**	**2457.**	**4928.**	**12120.**	**97950.**	**49890.**
Stddev	1.	4.	12.	41.	200.	256.
%RSD	.1082	.1547	.2359	.3365	.2044	.5134
#1	1237.	2453.	4915.	12080.	97720.	49690.
#2	1237.	2458.	4932.	12110.	98030.	49810.
#3	1239.	2460.	4938.	12160.	98100.	50180.
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	**120300.**	**5022.**	**123100.**	**2490.**	**7443.**	**992.0**
Stddev	315.	17.	278.	3.	2.	2.1
%RSD	.2615	.3442	.2257	.1201	.0285	.2154
#1	120000.	5006.	122900.	2487.	7441.	989.6
#2	120300.	5020.	122900.	2489.	7443.	993.7
#3	120600.	5040.	123400.	2493.	7445.	992.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 1:33:50 Type: QC
Method: SW84606112012(v13) 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.**	**2509.**	**2443.**	**2432.**	**997.8**	**2460.**
Stddev	3.	7.	8.	3.	.3	3.
%RSD	.1423	.2616	.3103	.1210	.0340	.1111
#1	2416.	2514.	2436.	2428.	997.5	2457.
#2	2423.	2512.	2442.	2433.	997.9	2462.
#3	2420.	2502.	2451.	2434.	998.1	2461.
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**	**5030.**	**9624.**	**9370.**
Stddev	.3	17.	12.	22.
%RSD	.0343	.3391	.1202	.2363
#1	979.8	5022.	9626.	9352.
#2	980.0	5018.	9612.	9364.
#3	980.5	5049.	9635.	9395.
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	**2273.2**	**25276.**	**4841.1**
Stddev	10.9	102.	9.7
%RSD	.47816	.40324	.20076
#1	2264.0	25198.	4840.1
#2	2270.5	25238.	4832.0
#3	2285.2	25391.	4851.3

Sample Name: CCB Acquired: 6/26/2012 1:37:08 Type: QC
Method: SW84606112012(v13) 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	**12.98**	**-1.054**	**.2438**	**.5559**	**.1098**	**16.78**
Stddev	11.48	.563	.5883	.4479	.1243	12.81
%RSD	88.45	53.47	241.3	80.57	113.2	76.33
#1	18.01	-1.697	-.3666	1.034	.2068	28.97
#2	21.09	-.6474	.2909	.4875	.1529	17.95
#3	-.1571	-.8169	.8072	.1462	-.0303	3.428
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	**.0494**	**.2260**	**.2275**	**5.016**	**8.849**	**163.2**
Stddev	.0718	.1687	.6590	1.211	7.992	15.1
%RSD	145.3	74.66	289.7	24.15	90.32	9.260
#1	-.0243	.3600	.8369	6.310	18.03	179.2
#2	.1192	.0365	.3173	4.827	5.029	149.2
#3	.0534	.2815	-.4718	3.910	3.484	161.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

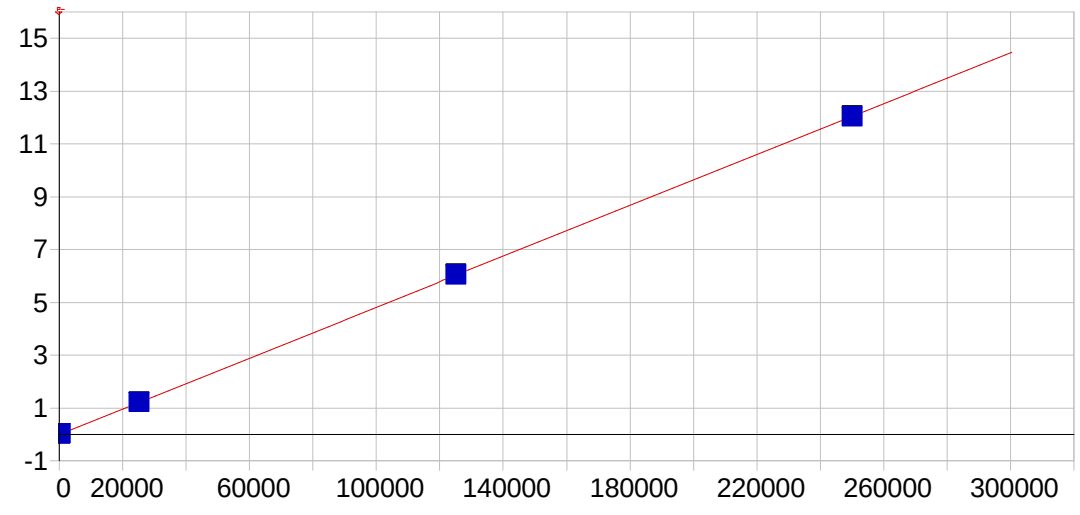
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.302**	**.4338**	**63.70**	**-.0721**	**.3434**	**-.2077**
Stddev	14.73	.3910	33.33	.3461	.8607	1.045
%RSD	233.8	90.12	52.32	479.9	250.6	503.2
#1	23.20	.8853	98.50	-.0969	1.267	-.0472
#2	-.4529	.2117	60.51	-.4051	.1996	.7478
#3	-3.843	.2045	32.08	.2857	-.4363	-1.324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 1:37:08 Type: QC
Method: SW84606112012(v13) 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	**-2.699**	**-.0918**	**.4244**	**.0024**	**1.154**	**3.551**
Stddev	2.681	1.084	.1597	.1269	.159	.174
%RSD	99.33	1181.	37.63	5307.	13.80	4.912
#1	-5.176	1.065	.5614	.1467	1.227	3.685
#2	-3.070	-.2547	.4629	-.0918	1.264	3.613
#3	.1479	-1.085	.2490	-.0477	.9714	3.354
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	**-.4637**	**.5382**	**.9197**	**11.62**
Stddev	1.366	.6536	1.694	19.87
%RSD	294.7	121.4	184.2	171.0
#1	-.6914	1.277	2.771	-8.982
#2	-1.702	.2997	-.5529	30.66
#3	1.002	.0373	.5408	13.19
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	**2460.2**	**27730.**	**4955.7**
Stddev	4.9	94.	12.7
%RSD	.19840	.33995	.25693
#1	2460.4	27722.	4958.3
#2	2464.9	27828.	4966.9
#3	2455.2	27640.	4941.8

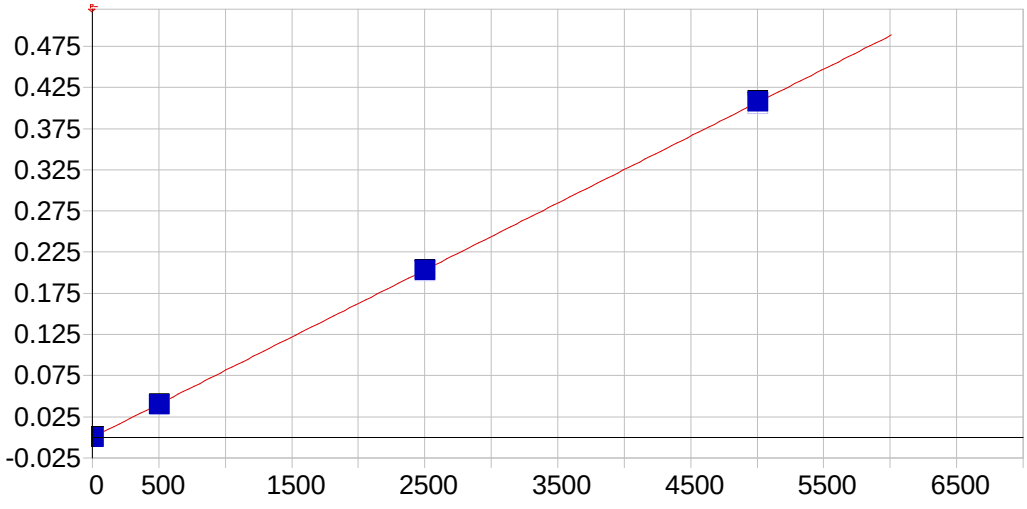


Al 396.152 { 85}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001551	Re-Slope:	1.000000
A1 (Gain):	0.000048	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	17.744636		
Predicted MQL:	59.148786		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.03870	-.039	.000	-.00155	.001	1
DCAL1	200.00	238.00	38.0	19.0	.00990	.001	1
DCAL2	25000.	25061.	60.8	.243	1.2066	.002	1
DCAL3	125000.	125370.	366.	.293	6.0420	.020	1
DCAL4	250000.	249540.	-464.	-.186	12.028	.022	1



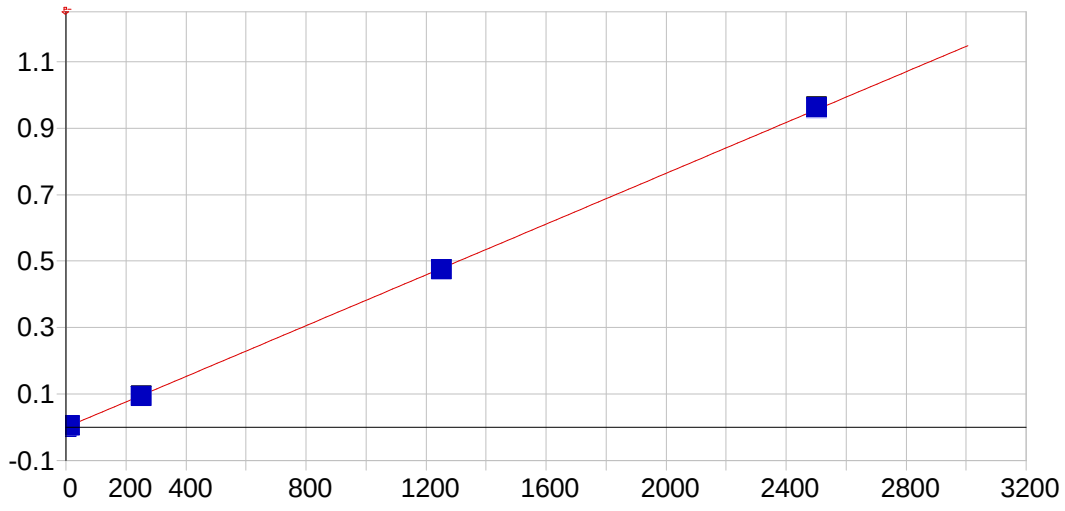
As 189.042 {478}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000053	Re-Slope:	1.000000
A1 (Gain):	0.000081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000006		

Predicted MDL:	2.210886
Predicted MQL:	7.369619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00125	.001	.000	-.00005	.000	1
DCAL1	5.0000	3.8564	-1.14	-22.9	.00026	.000	1
DCAL2	500.00	488.52	-11.5	-2.30	.03932	.000	1
DCAL3	2500.0	2499.1	-.851	-.034	.20139	.000	1
DCAL4	5000.0	5013.5	13.5	.269	.40408	.002	1

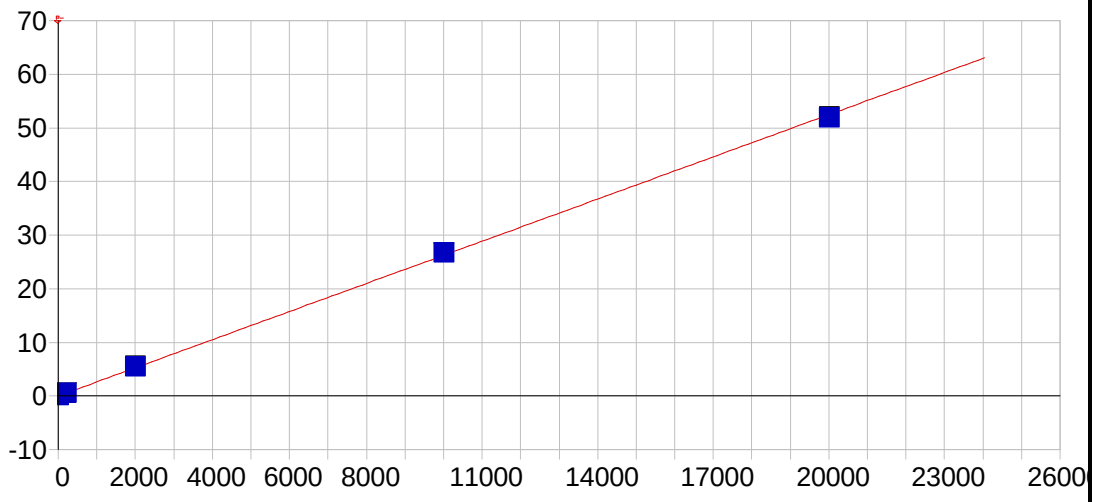


Ag 328.068 {103}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000163	Re-Slope:	1.000000
A1 (Gain):	0.000382	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.672565		
Predicted MQL:	2.241883		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00042	.000	.000	-.00016	.000	1
DCAL1	10.000	9.9036	-.096	-.964	.00361	.000	1
DCAL2	250.00	241.97	-8.03	-3.21	.09198	.000	1
DCAL3	1250.0	1242.2	-7.76	-.621	.47295	.000	1
DCAL4	2500.0	2515.9	15.9	.636	.95805	.003	1

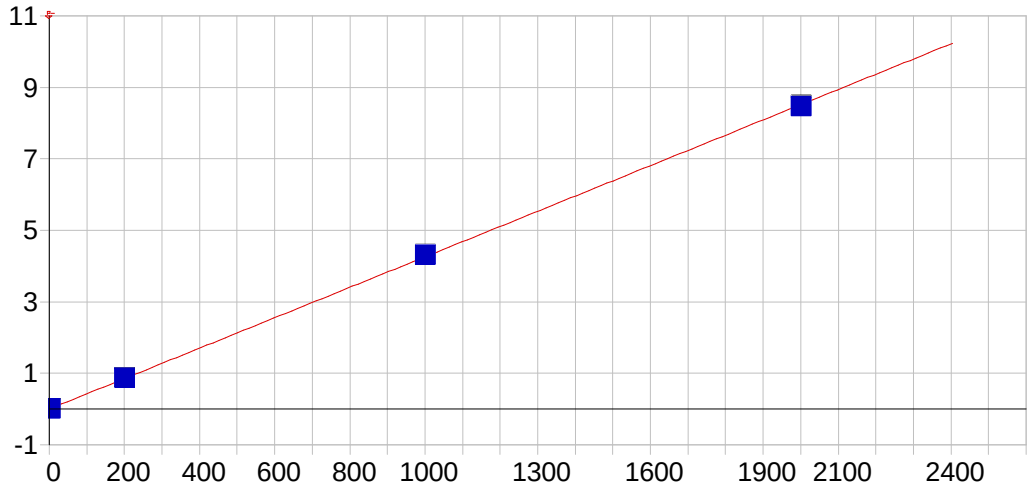


Ba 233.527 {445}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000080	Re-Slope:	1.000000
A1 (Gain):	0.002623	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.004626		
Predicted MDL:	0.134105		
Predicted MQL:	0.447015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02164	-.022	.000	.00002	.000	1
DCAL1	200.00	213.07	13.1	6.54	.55881	.000	1
DCAL2	2000.0	2079.7	79.7	3.99	5.4497	.011	1
DCAL3	10000.	10152.	152.	1.52	26.601	.037	1
DCAL4	20000.	19755.	-245.	-1.22	51.762	.151	1



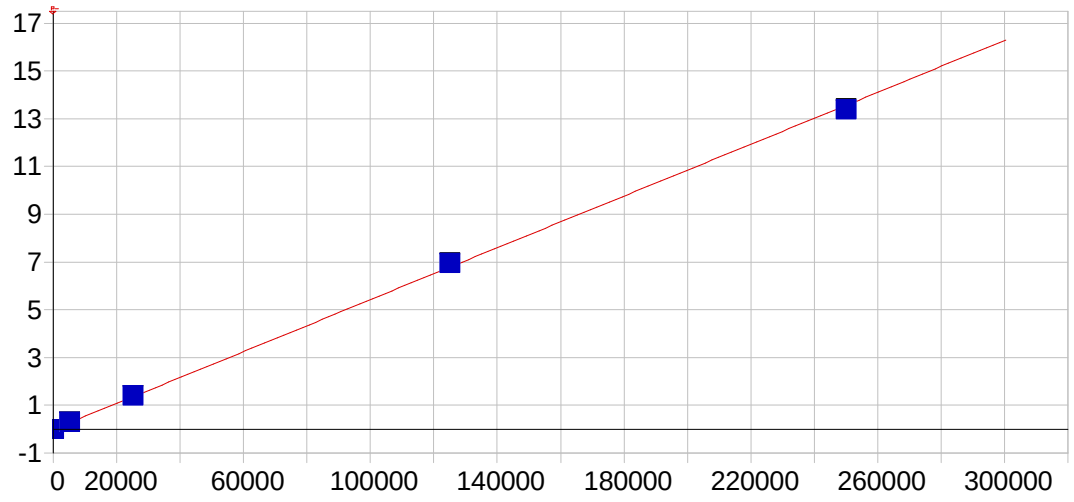
Be 313.042 {108}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000334	Re-Slope:	1.000000
A1 (Gain):	0.004257	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000121		
Predicted MDL:	0.138513		

Predicted MQL: 0.461710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00007	.000	.000	.00033	.001	1
DCAL1	2.0000	2.0456	.046	2.28	.00909	.000	1
DCAL2	200.00	201.70	1.70	.849	.86026	.003	1
DCAL3	1000.0	1011.7	11.7	1.17	4.3138	.008	1
DCAL4	2000.0	1986.5	-13.5	-.673	8.4700	.025	1

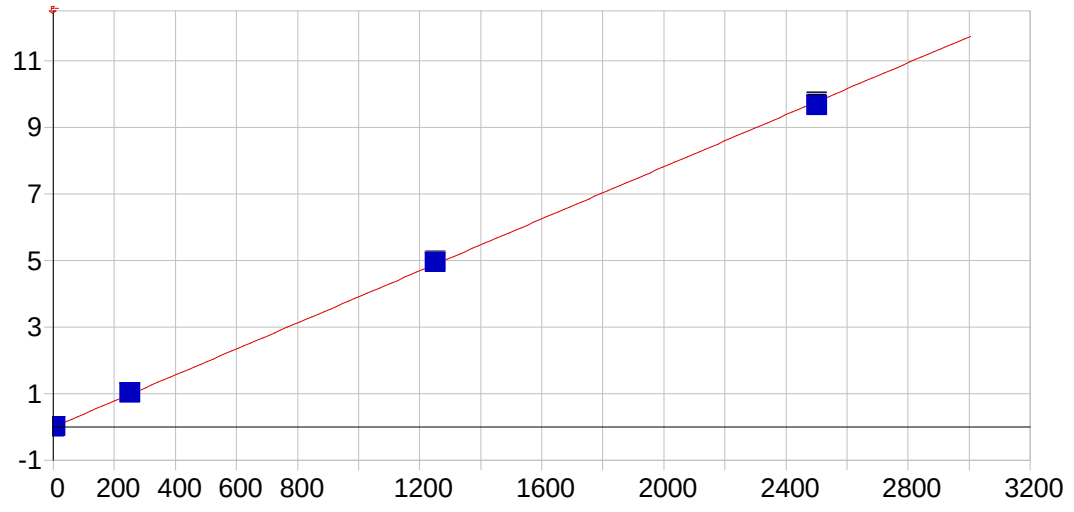


Ca 422.673 { 80}

Date of Fit: 6/26/2012 16:37:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005144 Re-Slope: 1.000000
A1 (Gain): 0.000054 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999833 Status: OK.
Std Error of Est: 0.001819
Predicted MDL: 16.310309
Predicted MQL: 54.367698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.35935	-.359	.000	-.00516	.001	1
DCAL1	5000.0	5194.9	195.	3.90	.27682	.003	1
DCAL2	25000.	25630.	630.	2.52	1.3860	.002	1
DCAL3	125000.	127750.	2750.	2.20	6.9285	.021	1
DCAL4	250000.	246430.	-3570.	-1.43	13.370	.027	1

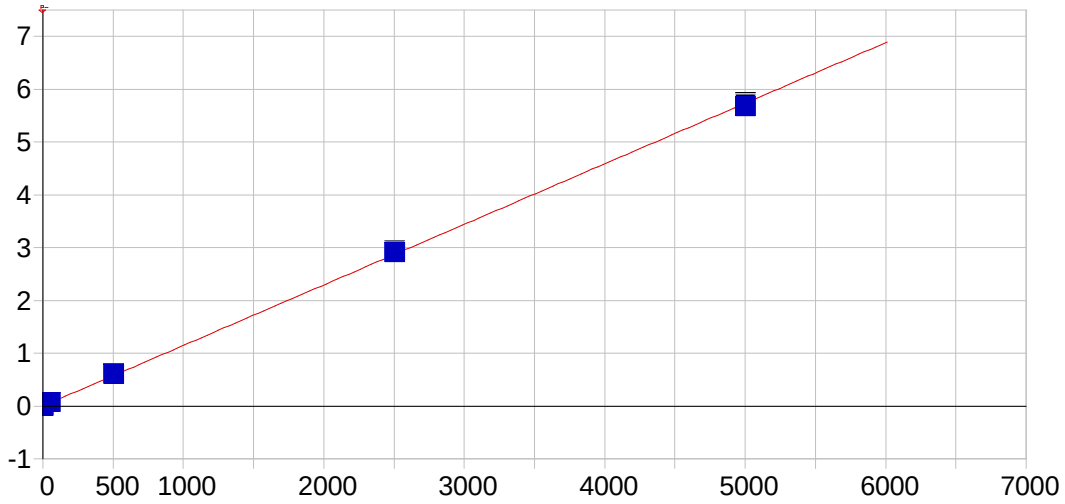


Cd 226.502 {449}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000881	Re-Slope:	1.000000
A1 (Gain):	0.003907	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000314		
Predicted MDL:	0.106017		
Predicted MQL:	0.353389		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00044	.000	.000	-.00088	.000	1
DCAL1	4.0000	4.2673	.267	6.68	.01583	.000	1
DCAL2	250.00	260.25	10.3	4.10	1.0213	.001	1
DCAL3	1250.0	1266.9	16.9	1.35	4.9756	.007	1
DCAL4	2500.0	2472.6	-27.4	-1.10	9.7131	.031	1

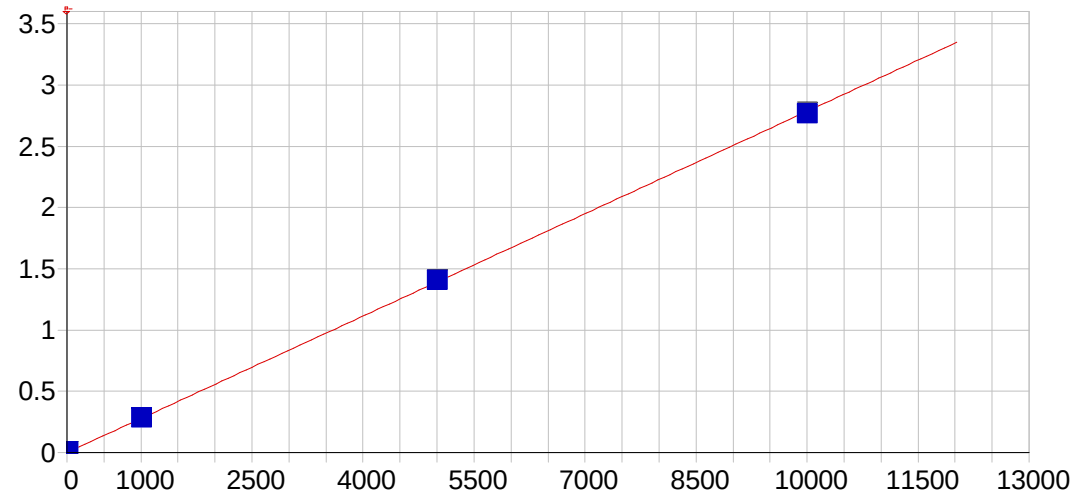


Co 228.616 {447}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000319	Re-Slope:	1.000000
A1 (Gain):	0.001147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000499		
Predicted MDL:	0.308536		
Predicted MQL:	1.028452		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00627	-.006	.000	-.00033	.000	1
DCAL1	50.000	54.040	4.04	8.08	.06166	.000	1
DCAL2	500.00	521.91	21.9	4.38	.60325	.000	1
DCAL3	2500.0	2529.9	29.9	1.20	2.9262	.002	1
DCAL4	5000.0	4944.2	-55.8	-1.12	5.7200	.021	1

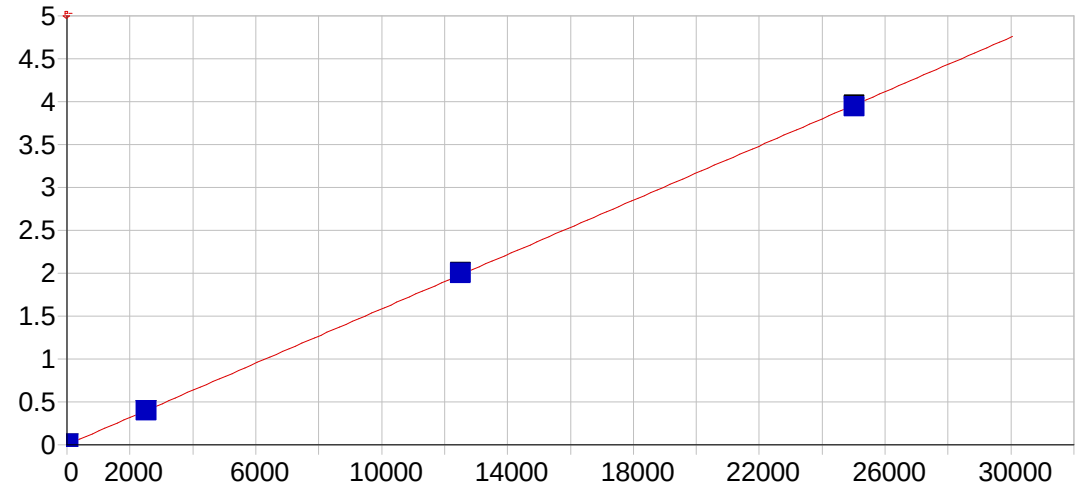


Cr 267.716 {126}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000040	Re-Slope:	1.000000
A1 (Gain):	0.000278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.469411		
Predicted MQL:	1.564705		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00101	-.001	.000	.00004	.000	1
DCAL1	10.000	10.799	.799	7.99	.00307	.000	1
DCAL2	1000.0	1018.5	18.5	1.85	.28375	.001	1
DCAL3	5000.0	5047.0	47.0	.939	1.4059	.002	1
DCAL4	10000.	9933.7	-66.3	-.663	2.7672	.008	1



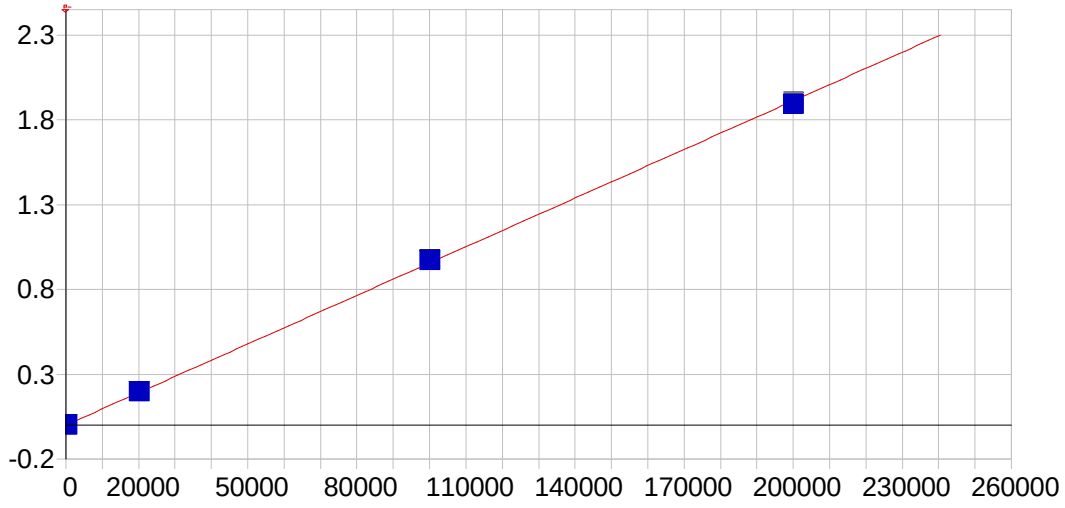
Cu 324.754 {104}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001809	Re-Slope:	1.000000
A1 (Gain):	0.000158	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	3.805773		

Predicted MQL: 12.685912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00304	-.003	.000	.00181	.001	1
DCAL1	25.000	27.937	2.94	11.7	.00622	.000	1
DCAL2	2500.0	2499.9	-.117	-.005	.39703	.001	1
DCAL3	12500.	12607.	107.	.858	1.9950	.009	1
DCAL4	25000.	24890.	-110.	-.440	3.9368	.016	1

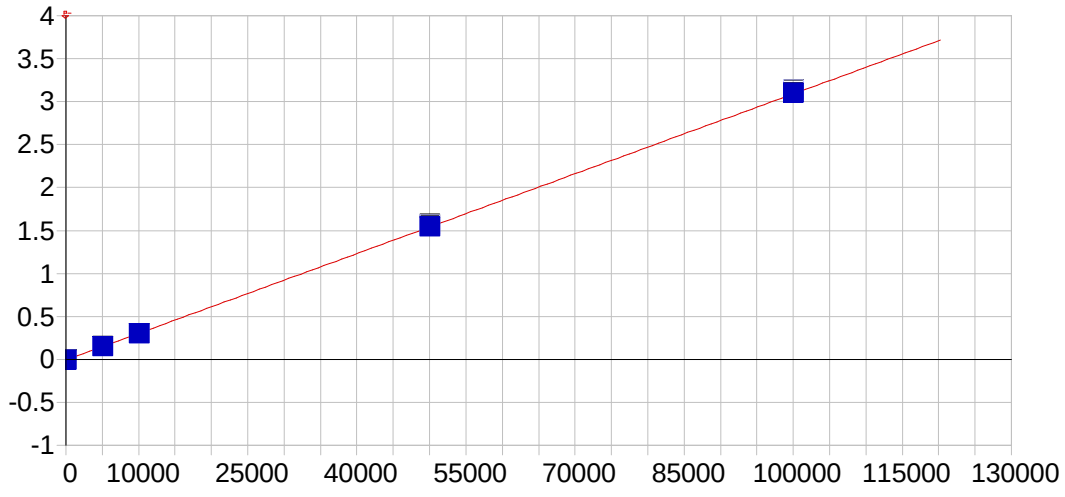


Fe 271.441 {124}

Date of Fit: 6/26/2012 16:37:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
A1 (Gain): 0.000010 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999904 Status: OK.
Std Error of Est: 0.000037
Predicted MDL: 12.742946
Predicted MQL: 42.476486

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01311	-.013	.000	.00005	.000	1
DCAL1	150.00	157.60	7.60	5.06	.00160	.000	1
DCAL2	20000.	20667.	667.	3.34	.19810	.000	1
DCAL3	100000.	101350.	1350.	1.35	.97139	.002	1
DCAL4	200000.	197970.	-2030.	-1.01	1.8975	.006	1

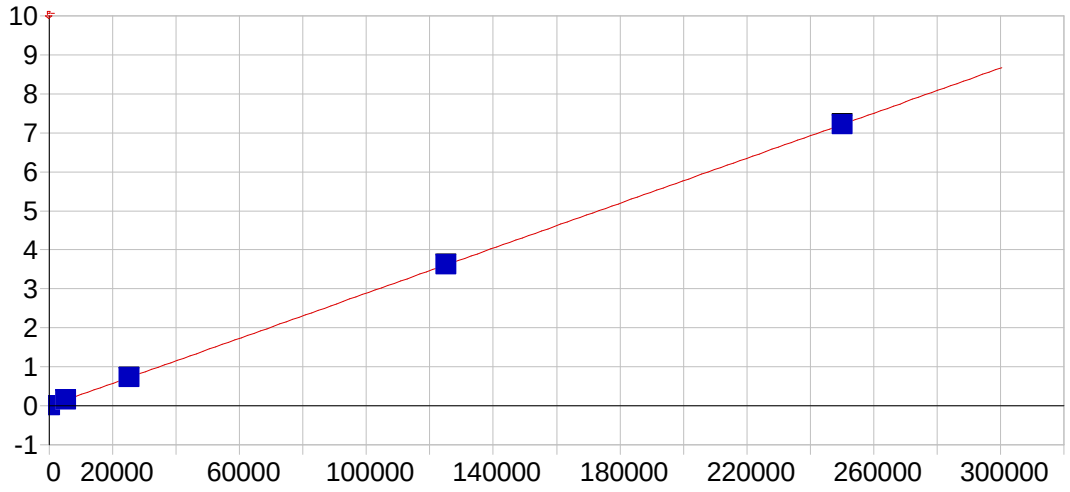


K 766.490 { 44}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.007810	Re-Slope:	1.000000
A1 (Gain):	0.000031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000197		
Predicted MDL:	56.914942		
Predicted MQL:	189.716473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.11760	.118	.000	-.00781	.001	1
DCAL1	5000.0	4971.8	-28.2	-.563	.14681	.001	1
DCAL2	10000.	9791.9	-208.	-2.08	.29952	.001	1
DCAL3	50000.	50056.	56.5	.113	1.5628	.007	1
DCAL4	100000.	100180.	180.	.180	3.1356	.004	1

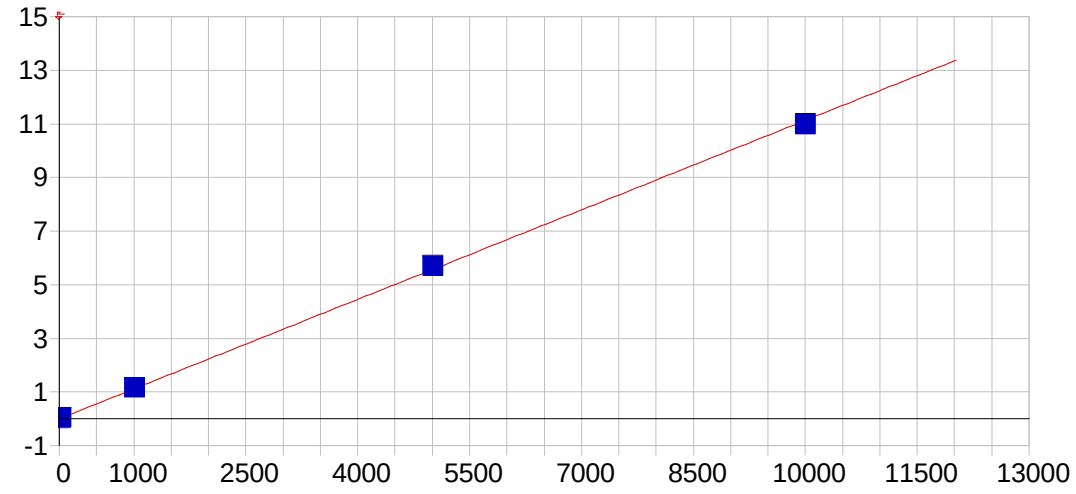


Mg 279.079 {121}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000065	Re-Slope:	1.000000
A1 (Gain):	0.000029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000182		
Predicted MDL:	4.464298		
Predicted MQL:	14.880992		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.05078	-.051	.000	.00006	.000	1
DCAL1	5000.0	5076.8	76.8	1.54	.14662	.000	1
DCAL2	25000.	24813.	-187.	-.748	.71633	.002	1
DCAL3	125000.	125460.	461.	.369	3.6217	.010	1
DCAL4	250000.	249650.	-351.	-.140	7.2066	.020	1

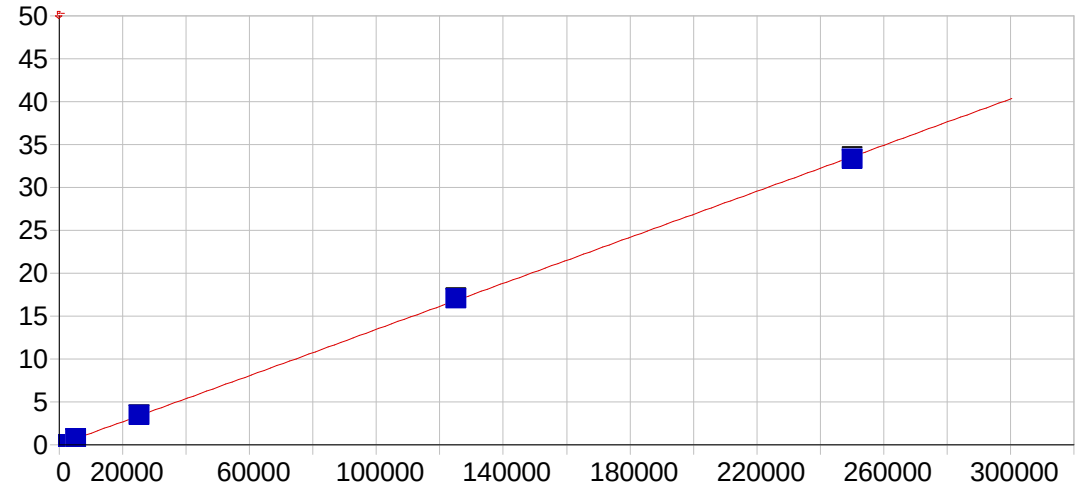


Mn 257.610 {131}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000087	Re-Slope:	1.000000
A1 (Gain):	0.001113	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999791	Status:	OK.
Std Error of Est:	0.000456		
Predicted MDL:	0.107997		
Predicted MQL:	0.359989		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00201	-.002	.000	.00008	.000	1
DCAL1	15.000	16.354	1.35	9.02	.01829	.000	1
DCAL2	1000.0	1035.8	35.8	3.58	1.1528	.002	1
DCAL3	5000.0	5119.5	119.	2.39	5.6976	.015	1
DCAL4	10000.	9843.4	-157.	-1.57	10.955	.028	1



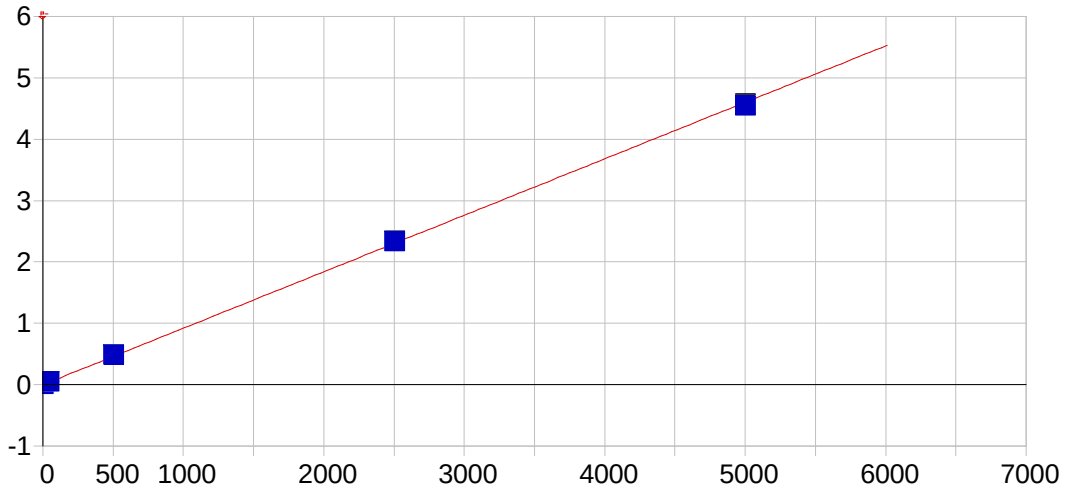
Na 589.592 { 57}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.015839	Re-Slope:	1.000000
A1 (Gain):	0.000134	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.002484		
Predicted MDL:	13.431872		

Predicted MQL: 44.772908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.20897	-.209	.000	.01581	.000	1
DCAL1	5000.0	5127.0	127.	2.54	.70427	.003	1
DCAL2	25000.	25299.	299.	1.20	3.4151	.007	1
DCAL3	125000.	126540.	1540.	1.23	17.018	.037	1
DCAL4	250000.	248040.	-1960.	-.785	33.344	.151	1

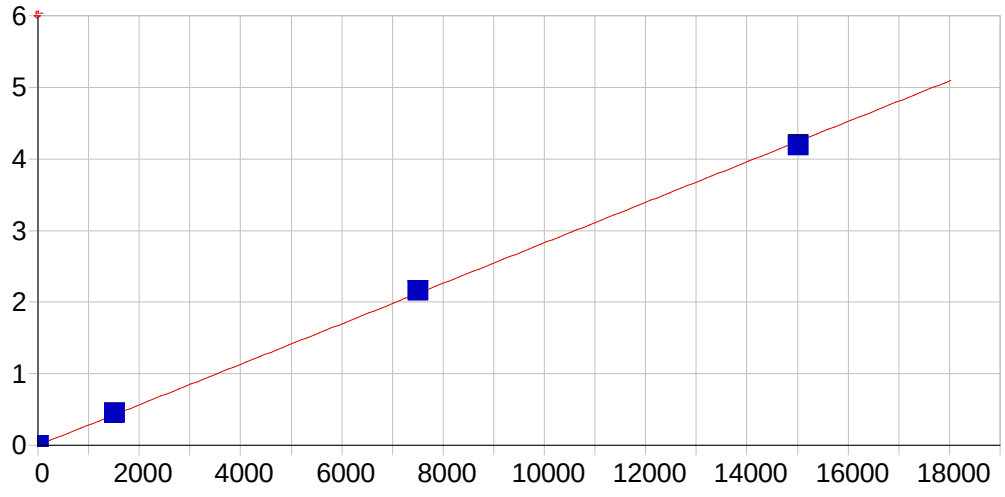


Ni 231.604 {446}

Date of Fit: 6/26/2012 16:37:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000561	Re-Slope:	1.000000
A1 (Gain):	0.000920	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999822	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.440512		
Predicted MQL:	1.468372		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00593	-.006	.000	-.00057	.000	1
DCAL1	40.000	43.885	3.88	9.71	.03985	.000	1
DCAL2	500.00	525.13	25.1	5.03	.48360	.001	1
DCAL3	2500.0	2533.7	33.7	1.35	2.3356	.004	1
DCAL4	5000.0	4937.3	-62.7	-1.25	4.5522	.015	1

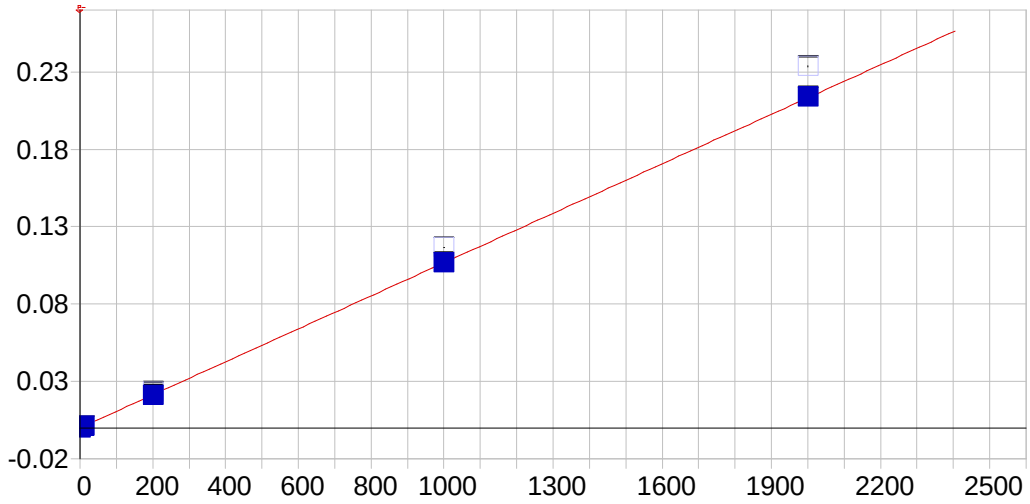


Pb 220.353 {453}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000336	Re-Slope:	1.000000
A1 (Gain):	0.000283	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999805	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	1.399573		
Predicted MQL:	4.665242		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00041	.000	.000	.00034	.000	1
DCAL1	5.0000	5.1259	.126	2.52	.00180	.001	1
DCAL2	1500.0	1579.2	79.2	5.28	.44598	.000	1
DCAL3	7500.0	7629.3	129.	1.72	2.1532	.002	1
DCAL4	15000.	14791.	-209.	-1.39	4.1739	.012	1

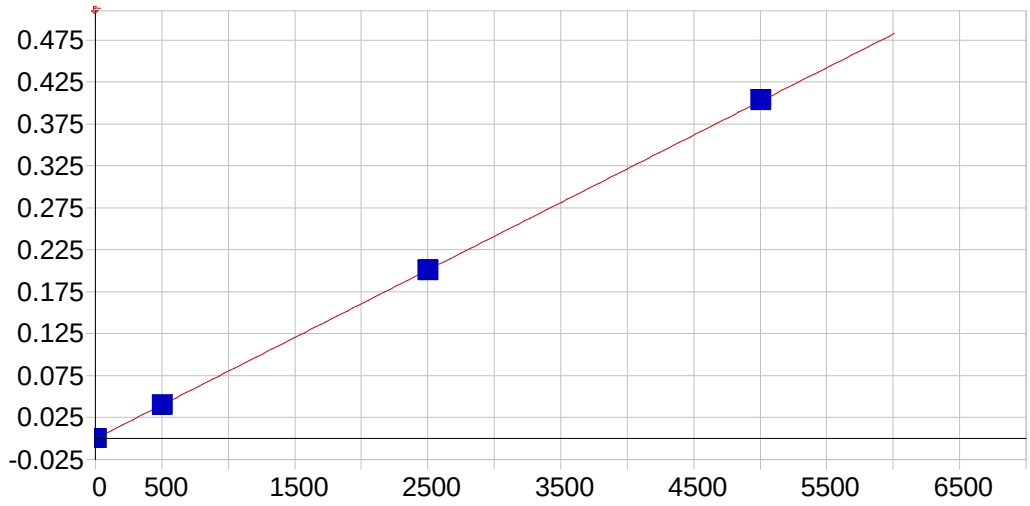


Sb 206.833 {463}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000009	Re-Slope:	1.000000
A1 (Gain):	0.000107	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	2.414671		
Predicted MQL:	8.048903		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00107	.001	.000	-.00001	.000	1
DCAL1	10.000	9.0787	-.921	-9.21	.00097	.000	1
DCAL2	200.00	196.53	-3.47	-1.74	.02293	.000	1
DCAL3	1000.0	1000.1	.064	.006	.11652	.000	1
DCAL4	2000.0	2004.3	4.26	.213	.23349	.001	1

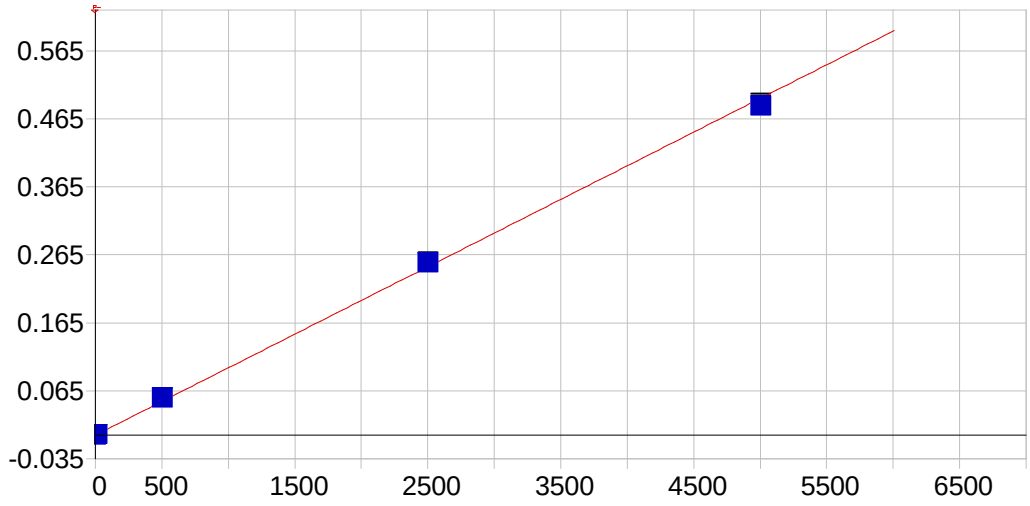


Se 196.090 {472}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000016	Re-Slope:	1.000000
A1 (Gain):	0.000080	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	2.918636		
Predicted MQL:	9.728786		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00152	-.002	.000	-.00002	.000	1
DCAL1	5.0000	6.5866	1.59	31.7	.00051	.000	1
DCAL2	500.00	494.27	-5.73	-1.15	.03963	.000	1
DCAL3	2500.0	2491.4	-8.63	-.345	.19983	.001	1
DCAL4	5000.0	5012.8	12.8	.255	.40208	.001	1



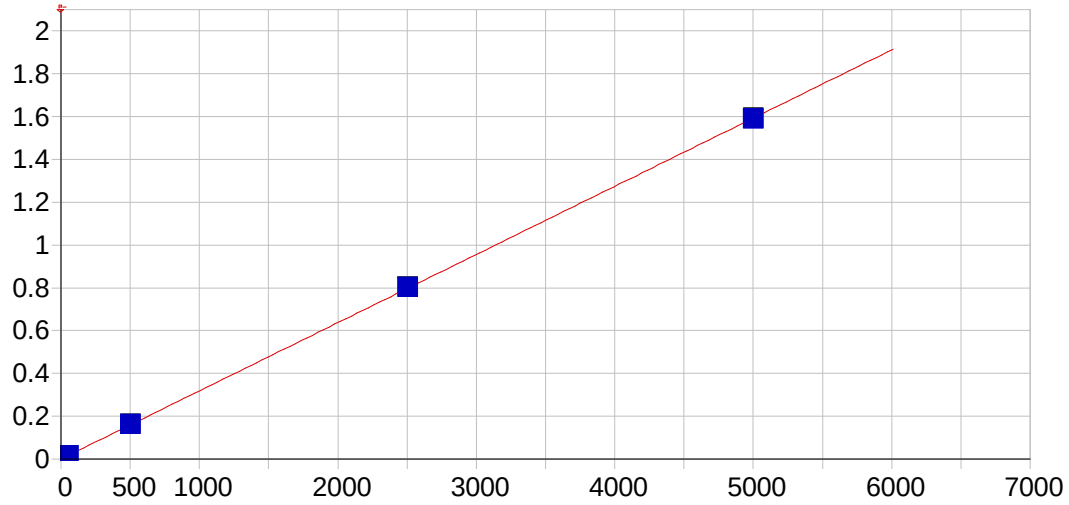
Tl 190.856 {477}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000236	Re-Slope:	1.000000
A1 (Gain):	0.000099	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999469	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	2.218308		

Predicted MQL: 7.394360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00203	-.002	.000	-.00024	.000	1
DCAL1	10.000	11.050	1.05	10.5	.00086	.000	1
DCAL2	500.00	547.93	47.9	9.59	.05395	.000	1
DCAL3	2500.0	2559.6	59.6	2.38	.25288	.000	1
DCAL4	5000.0	4891.5	-109.	-2.17	.48344	.003	1

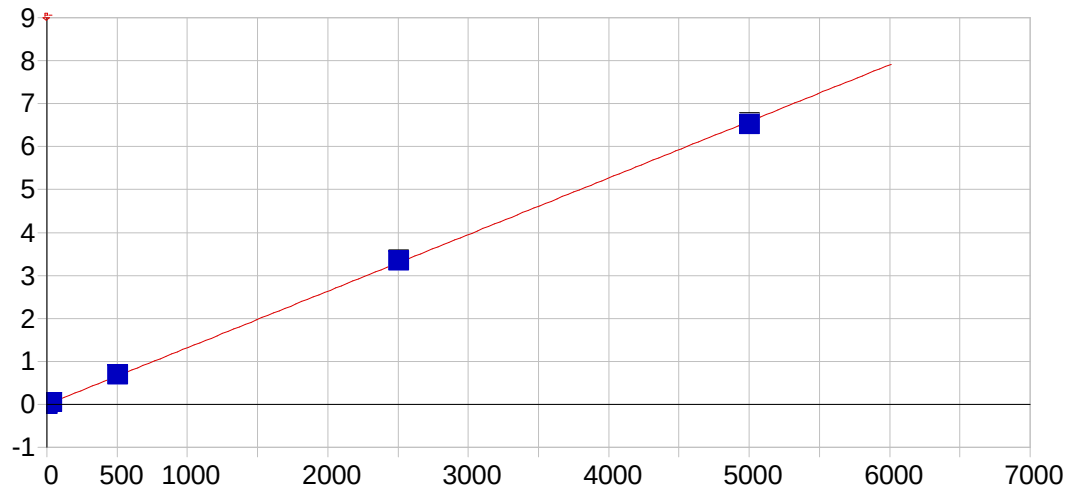


V 292.402 {115}

Date of Fit: 6/26/2012 16:37:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000079	Re-Slope:	1.000000
A1 (Gain):	0.000319	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.481677		
Predicted MQL:	1.605590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00045	.000	.000	.00008	.000	1
DCAL1	50.000	50.073	.073	.147	.01603	.000	1
DCAL2	500.00	502.61	2.61	.522	.16031	.001	1
DCAL3	2500.0	2514.4	14.4	.577	.80167	.001	1
DCAL4	5000.0	4982.9	-17.1	-.342	1.5886	.003	1

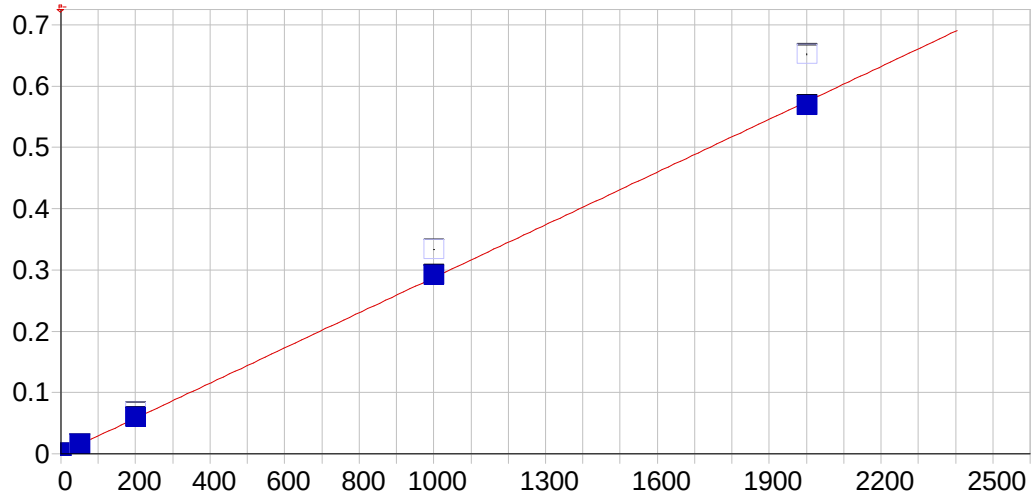


Zn 206.200 {463}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000052	Re-Slope:	1.000000
A1 (Gain):	0.001317	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000396		
Predicted MDL:	0.188643		
Predicted MQL:	0.628809		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00313	-.003	.000	-.00006	.000	1
DCAL1	30.000	31.984	1.98	6.61	.04210	.000	1
DCAL2	500.00	517.71	17.7	3.54	.68295	.000	1
DCAL3	2500.0	2534.3	34.3	1.37	3.3434	.005	1
DCAL4	5000.0	4946.1	-53.9	-1.08	6.5256	.019	1

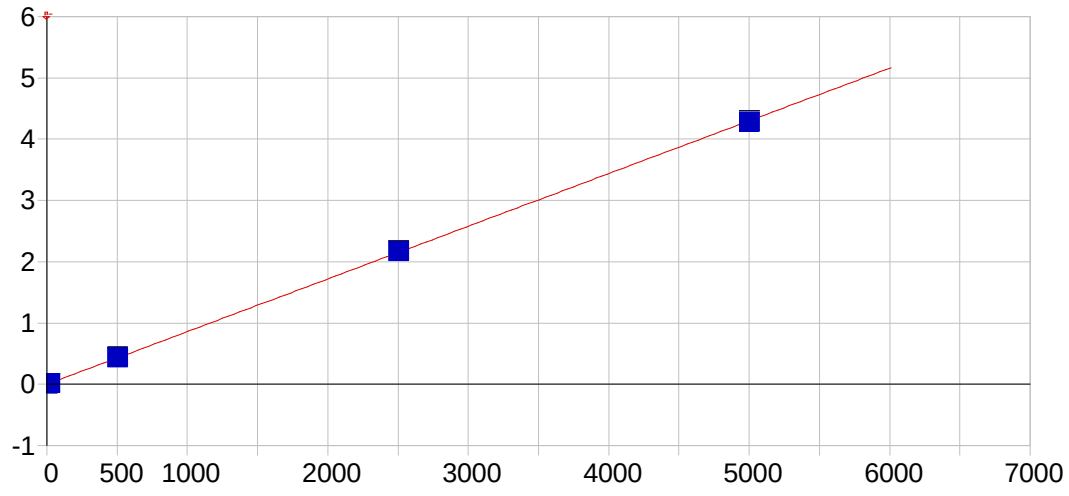


B 208.959 {461}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000524	Re-Slope:	1.000000
A1 (Gain):	0.000287	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.849899		
Predicted MQL:	2.832997		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00336	-.003	.000	.00052	.000	1
DCAL1	50.000	51.983	1.98	3.97	.01578	.000	1
DCAL2	200.00	204.70	4.70	2.35	.06759	.000	1
DCAL3	1000.0	1014.5	14.5	1.45	.33327	.000	1
DCAL4	2000.0	1979.1	-20.9	-1.05	.65169	.001	1

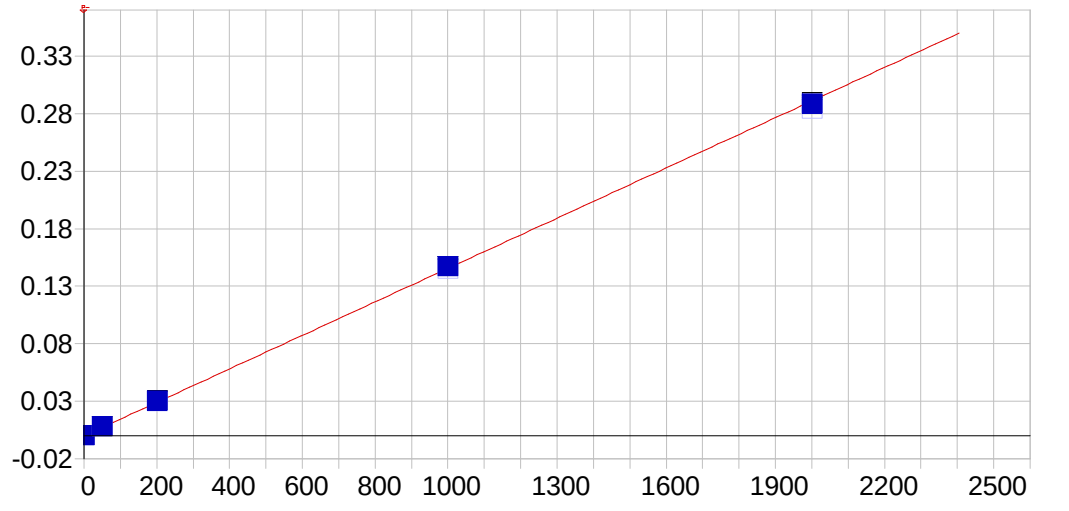


Mo 202.030 {467}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000416	Re-Slope:	1.000000
A1 (Gain):	0.000860	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000098		
Predicted MDL:	0.310650		
Predicted MQL:	1.035499		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00111	-.001	.000	-.00042	.000	1
DCAL1	20.000	20.805	.805	4.03	.01755	.000	1
DCAL2	500.00	506.53	6.53	1.31	.43605	.001	1
DCAL3	2500.0	2518.7	18.7	.749	2.1700	.004	1
DCAL4	5000.0	4973.9	-26.1	-.521	4.2858	.015	1



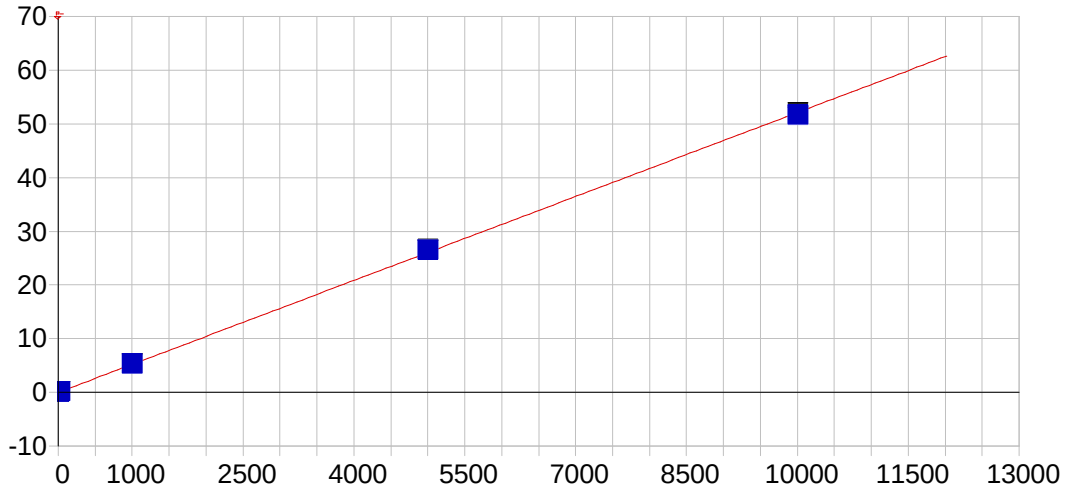
Sn 189.989 {477}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000041	Re-Slope:	1.000000
A1 (Gain):	0.000146	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	1.036807		

Predicted MQL: 3.456023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00524	-.005	.000	-.00004	.000	1
DCAL1	50.000	53.691	3.69	7.38	.00777	.000	1
DCAL2	200.00	206.23	6.23	3.12	.02955	.000	1
DCAL3	1000.0	1009.5	9.51	.951	.14475	.000	1
DCAL4	2000.0	1980.5	-19.5	-.974	.28393	.001	1

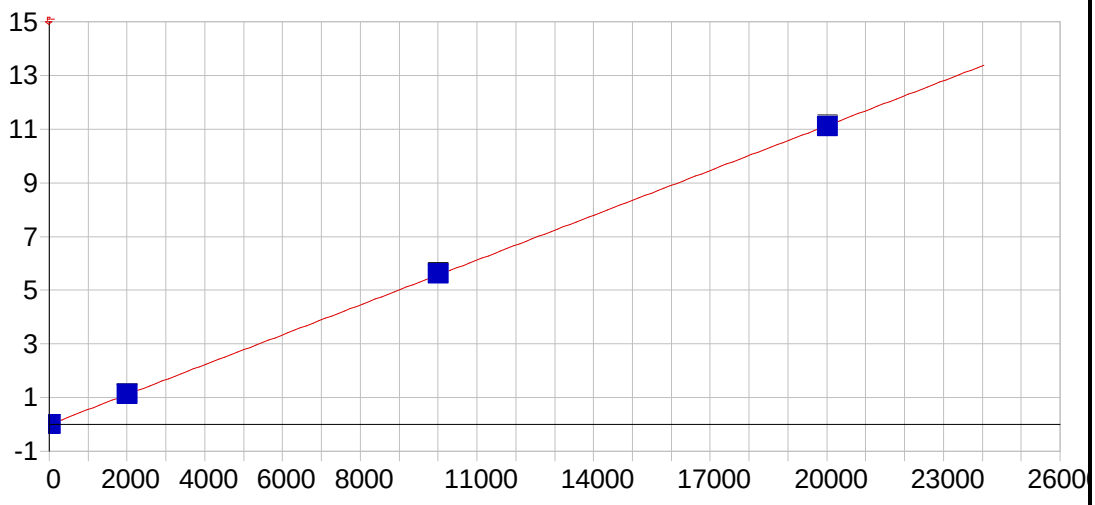


Sr 407.771 { 83}

Date of Fit: 6/26/2012 16:37:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001316 Re-Slope: 1.000000
A1 (Gain): 0.005211 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999929 Status: OK.
Std Error of Est: 0.001428
Predicted MDL: 0.154152
Predicted MQL: 0.513839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00071	-.001	.000	-.00132	.000	1
DCAL1	20.000	20.423	.423	2.12	.10678	.001	1
DCAL2	1000.0	1006.7	6.70	.670	5.2370	.010	1
DCAL3	5000.0	5083.2	83.2	1.66	26.449	.077	1
DCAL4	10000.	9909.7	-90.3	-.903	51.562	.382	1

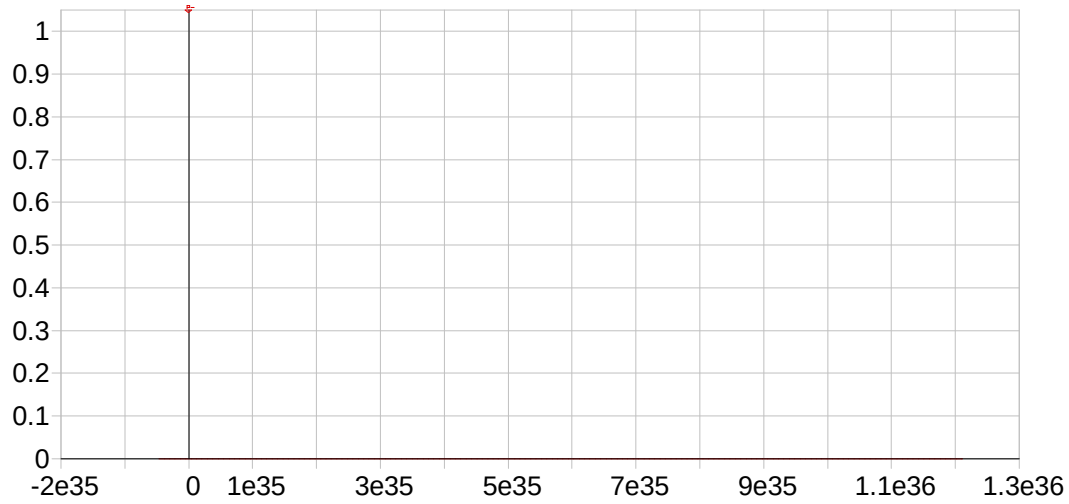


Ti 334.941 {101}

Date of Fit:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000053	Re-Slope:	1.000000
A1 (Gain):	0.000556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	1.345705		
Predicted MQL:	4.485683		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00080	-.001	.000	-.00005	.001	1
DCAL1	20.000	20.690	.690	3.45	.01162	.000	1
DCAL2	2000.0	2005.5	5.45	.273	1.1173	.002	1
DCAL3	10000.	10059.	58.7	.587	5.6045	.024	1
DCAL4	20000.	19935.	-64.9	-.324	11.108	.030	1

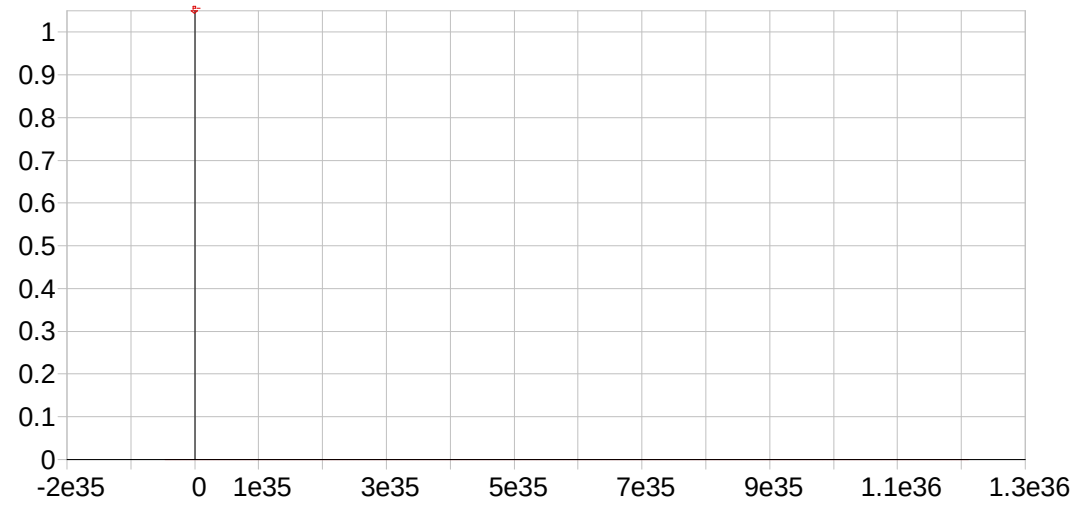


Y 224.306 {450}*

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		

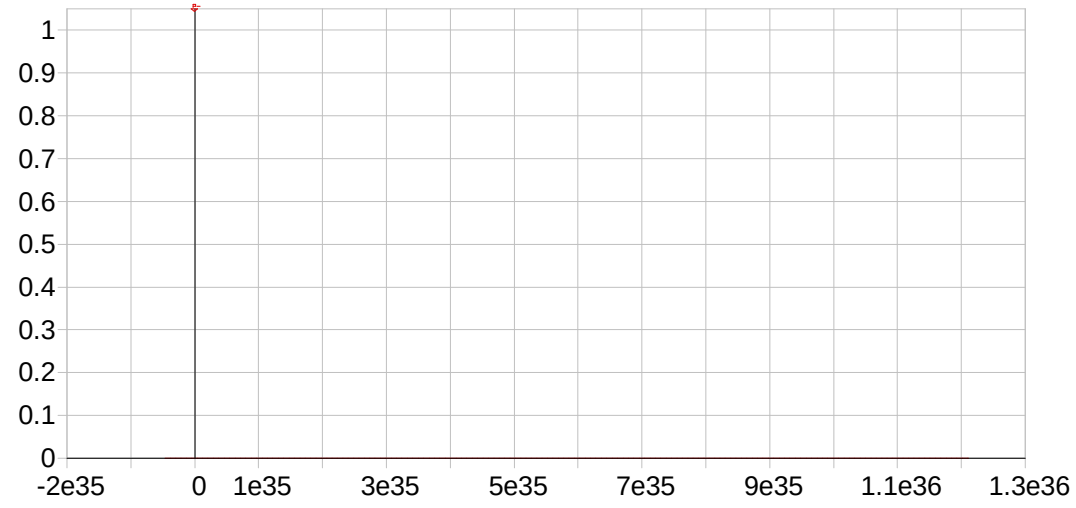
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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				

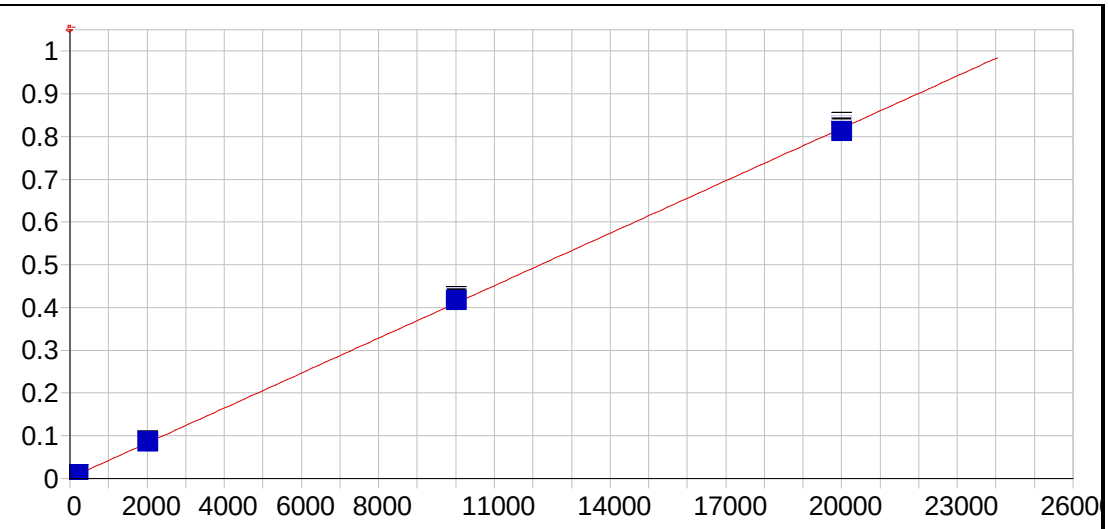
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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:	6/26/2012 16:37:44	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001316	Re-Slope:	1.000000
A1 (Gain):	0.000041	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000058		
Predicted MDL:	21.698008		
Predicted MQL:	72.326694		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00481	-.005	.000	.00132	.001	1
DCAL1	200.00	197.50	-2.50	-1.25	.00942	.000	1
DCAL2	2000.0	2066.2	66.2	3.31	.08726	.001	1
DCAL3	10000.	10133.	133.	1.33	.42294	.003	1
DCAL4	20000.	19803.	-197.	-.985	.82562	.007	1

Sample Name: CAL_BLK Acquired: 6/26/2012 16:20:01 Type: Cal
Method: SW84606112012(v14) 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	**-.0016**	**-.0001**	**-.0002**	**.0000**	**.0003**	**-.0052**
Stddev	.0005	.0001	.0002	.0002	.0007	.0008
%RSD	32.71	247.1	101.3	666.5	202.4	14.80
#1	-.0015	.0000	-.0002	-.0001	.0000	-.0060
#2	-.0011	-.0002	.0000	.0002	.0011	-.0049
#3	-.0021	.0000	-.0003	.0000	-.0001	-.0046

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	**-.0009**	**-.0003**	**.0000**	**.0018**	**.0000**	**-.0078**
Stddev	.0002	.0001	.0000	.0009	.0001	.0009
%RSD	24.17	29.17	74.68	51.01	114.4	11.07
#1	-.0011	-.0004	.0001	.0024	.0000	-.0077
#2	-.0007	-.0003	.0000	.0007	.0001	-.0070
#3	-.0008	-.0002	.0000	.0023	.0000	-.0087

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	**.0001**	**.0001**	**.0158**	**-.0006**	**.0003**	**.0000**
Stddev	.0001	.0001	.0003	.0002	.0002	.000
%RSD	139.2	148.3	1.767	30.81	68.70	2669.
#1	.0002	.0002	.0156	-.0007	.0001	.0000
#2	.0001	.0000	.0157	-.0006	.0006	.0002
#3	.0000	.0000	.0161	-.0004	.0003	-.0002

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	**.0000**	**-.0002**	**.0001**	**-.0001**	**.0005**	**-.0004**
Stddev	.000	.0001	.0000	.0000	.0002	.0001
%RSD	168.1	24.64	54.70	59.80	30.97	27.15
#1	.0000	-.0002	.0000	-.0001	.0004	-.0005
#2	.0000	-.0002	.0001	.0000	.0005	-.0005
#3	.0000	-.0003	.0001	-.0001	.0007	-.0003

Sample Name: CAL_BLK Acquired: 6/26/2012 16:20:01 Type: Cal
Method: SW84606112012(v14) 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	-.0013	-.0001	.0013
Stddev	.000	.0004	.0009	.0009
%RSD	381.2	28.95	1706.	70.93
#1	-.0001	-.0018	-.0011	.0010
#2	.0001	-.0011	.0002	.0006
#3	-.0002	-.0011	.0007	.0024

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	2523.8	27942.	4914.1
Stddev	5.6	51.	9.5
%RSD	.22290	.18330	.19398
#1	2527.5	27883.	4924.8
#2	2517.4	27978.	4906.8
#3	2526.6	27964.	4910.6

Sample Name: DCAL1 Acquired: 6/26/2012 16:23:45 Type: Cal
Method: SW84606112012(v14) 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	**.0099**	**.0003**	**.0036**	**.5588**	**.0091**	**.2768**
Stddev	.0006	.0001	.0001	.0003	.0002	.0026
%RSD	5.611	19.58	4.084	.0622	2.512	.9394
#1	.0093	.0002	.0034	.5592	.0089	.2748
#2	.0100	.0002	.0037	.5587	.0093	.2759
#3	.0104	.0003	.0037	.5585	.0091	.2798

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	**.0158**	**.0617**	**.0031**	**.0062**	**.0016**	**.1468**
Stddev	.0002	.0004	.0001	.0001	.0001	.0009
%RSD	1.403	.5696	3.958	2.079	4.061	.6216
#1	.0161	.0619	.0032	.0062	.0016	.1460
#2	.0157	.0619	.0031	.0061	.0017	.1467
#3	.0157	.0613	.0029	.0063	.0015	.1478

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	**.1466**	**.0183**	**.7043**	**.0399**	**.0018**	**.0010**
Stddev	.0005	.0001	.0025	.0002	.0005	.0002
%RSD	.3330	.4155	.3597	.4786	29.00	18.72
#1	.1470	.0183	.7022	.0401	.0016	.0010
#2	.1461	.0182	.7035	.0397	.0014	.0011
#3	.1467	.0184	.7071	.0398	.0024	.0008

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**	**.0009**	**.0160**	**.0421**	**.0158**	**.0175**
Stddev	.0000	.0001	.0000	.0003	.0001	.0004
%RSD	6.028	9.522	.0953	.6943	.5731	2.020
#1	.0005	.0008	.0160	.0418	.0159	.0172
#2	.0005	.0009	.0160	.0421	.0158	.0175
#3	.0005	.0009	.0160	.0424	.0157	.0179

Sample Name: DCAL1 Acquired: 6/26/2012 16:23:45 Type: Cal
Method: SW84606112012(v14) 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	.1068	.0116	.0094
Stddev	.0001	.0012	.0004	.0002
%RSD	1.107	1.097	3.690	2.478
#1	.0078	.1055	.0121	.0094
#2	.0078	.1069	.0112	.0097
#3	.0077	.1079	.0115	.0092

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	2492.6	27715.	4884.5
Stddev	7.7	20.	28.6
%RSD	.30718	.07138	.58495
#1	2501.3	27730.	4897.1
#2	2487.1	27722.	4904.7
#3	2489.4	27693.	4851.8

Sample Name: DCAL2 Acquired: 6/26/2012 16:27:26 Type: Cal
Method: SW84606112012(v14) 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	**1.207**	**.0393**	**.0920**	**5.450**	**.8603**	**1.386**
Stddev	.002	.0003	.0001	.011	.0028	.002
%RSD	.1616	.7752	.1440	.2091	.3257	.1088
#1	1.204	.0397	.0920	5.459	.8571	1.384
#2	1.208	.0391	.0918	5.453	.8612	1.386
#3	1.207	.0392	.0921	5.437	.8625	1.387

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	**1.021**	**.6033**	**.2837**	**.3970**	**.1981**	**.2995**
Stddev	.001	.0004	.0008	.0007	.0001	.0006
%RSD	.1031	.0628	.2689	.1838	.0515	.1945
#1	1.022	.6032	.2845	.3963	.1982	.2989
#2	1.021	.6029	.2830	.3977	.1981	.3001
#3	1.020	.6036	.2837	.3971	.1980	.2995

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	**.7163**	**1.153**	**3.415**	**.4836**	**.4460**	**.0229**
Stddev	.0017	.002	.007	.0014	.0004	.0003
%RSD	.2307	.1427	.1950	.2800	.0794	1.470
#1	.7175	1.153	3.410	.4851	.4462	.0233
#2	.7144	1.151	3.423	.4834	.4456	.0229
#3	.7170	1.154	3.412	.4824	.4462	.0226

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	**.0396**	**.0540**	**.1603**	**.6829**	**.0676**	**.4361**
Stddev	.0002	.0004	.0006	.0002	.0001	.0008
%RSD	.4297	.7411	.3871	.0358	.1925	.1896
#1	.0398	.0542	.1610	.6829	.0675	.4364
#2	.0394	.0542	.1602	.6832	.0677	.4367
#3	.0397	.0535	.1598	.6827	.0675	.4351

Sample Name: DCAL2 Acquired: 6/26/2012 16:27:26 Type: Cal
Method: SW84606112012(v14) 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	.0295	5.237	1.117	.0873
Stddev	.0001	.010	.002	.0009
%RSD	.3646	.1847	.1711	.9829
#1	.0296	5.226	1.116	.0872
#2	.0296	5.243	1.119	.0881
#3	.0294	5.242	1.117	.0864

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	2442.9	27079.	4799.5
Stddev	5.5	67.	19.6
%RSD	.22566	.24601	.40781
#1	2440.6	27090.	4821.2
#2	2439.0	27140.	4783.2
#3	2449.2	27008.	4794.3

Sample Name: DCAL3 Acquired: 6/26/2012 16:30:53 Type: Cal
Method: SW84606112012(v14) 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	**6.042**	**.2014**	**.4729**	**26.60**	**4.314**	**6.929**
Stddev	.020	.0005	.0004	.04	.008	.021
%RSD	.3290	.2461	.0893	.1407	.1776	.3090
#1	6.023	.2015	.4726	26.64	4.305	6.905
#2	6.062	.2009	.4728	26.57	4.318	6.947
#3	6.041	.2019	.4734	26.58	4.318	6.934

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	**4.976**	**2.926**	**1.406**	**1.995**	**.9714**	**1.563**
Stddev	.007	.002	.002	.009	.0023	.007
%RSD	.1386	.0588	.1364	.4313	.2323	.4626
#1	4.978	2.927	1.404	1.986	.9688	1.555
#2	4.968	2.924	1.407	2.003	.9722	1.569
#3	4.981	2.927	1.407	1.996	.9731	1.565

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	**3.622**	**5.698**	**17.02**	**2.336**	**2.153**	**.1165**
Stddev	.011	.015	.04	.004	.002	.0002
%RSD	.2886	.2603	.2197	.1704	.1047	.1298
#1	3.610	5.682	16.99	2.340	2.154	.1166
#2	3.629	5.700	17.06	2.335	2.151	.1166
#3	3.626	5.711	17.01	2.332	2.155	.1163

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	**.1998**	**.2529**	**.8017**	**3.343**	**.3333**	**2.170**
Stddev	.0007	.0003	.0007	.005	.0005	.004
%RSD	.3327	.1357	.0926	.1367	.1432	.1878
#1	.1991	.2525	.8018	3.349	.3338	2.174
#2	.2001	.2532	.8023	3.341	.3330	2.167
#3	.2003	.2530	.8009	3.341	.3330	2.169

Sample Name: DCAL3 Acquired: 6/26/2012 16:30:53 Type: Cal
Method: SW84606112012(v14) 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	.1447	26.45	5.604	.4229
Stddev	.0001	.08	.024	.0029
%RSD	.0939	.2915	.4271	.6843
#1	.1446	26.37	5.584	.4262
#2	.1448	26.53	5.631	.4217
#3	.1448	26.45	5.598	.4209

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	2329.5	25852.	4726.9
Stddev	7.3	106.	44.6
%RSD	.31219	.41007	.94424
#1	2321.1	25921.	4778.1
#2	2333.0	25905.	4696.1
#3	2334.4	25730.	4706.6

Sample Name: DCAL4 Acquired: 6/26/2012 16:34:13 Type: Cal
Method: SW84606112012(v14) 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	**12.03**	**.4041**	**.9581**	**51.76**	**8.470**	**13.37**
Stddev	.02	.0015	.0025	.15	.025	.03
%RSD	.1863	.3734	.2636	.2911	.2995	.1998
#1	12.05	.4058	.9582	51.92	8.499	13.40
#2	12.02	.4037	.9605	51.75	8.458	13.36
#3	12.01	.4028	.9554	51.62	8.453	13.35

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	**9.713**	**5.720**	**2.767**	**3.937**	**1.897**	**3.136**
Stddev	.032	.021	.008	.016	.006	.004
%RSD	.3241	.3723	.2771	.4170	.2943	.1159
#1	9.743	5.740	2.764	3.956	1.896	3.137
#2	9.716	5.722	2.776	3.926	1.904	3.132
#3	9.680	5.698	2.761	3.929	1.893	3.139

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	**7.207**	**10.95**	**33.34**	**4.552**	**4.174**	**.2335**
Stddev	.020	.03	.15	.015	.012	.0005
%RSD	.2713	.2513	.4536	.3238	.2784	.2190
#1	7.197	10.93	33.51	4.567	4.184	.2339
#2	7.229	10.95	33.30	4.552	4.176	.2337
#3	7.194	10.99	33.22	4.538	4.161	.2329

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	**.4021**	**.4834**	**1.589**	**6.526**	**.6517**	**4.286**
Stddev	.0006	.0031	.003	.019	.0011	.015
%RSD	.1605	.6405	.1899	.2896	.1635	.3572
#1	.4024	.4855	1.588	6.544	.6528	4.300
#2	.4025	.4849	1.592	6.526	.6516	4.287
#3	.4013	.4799	1.586	6.507	.6506	4.270

Sample Name: DCAL4 Acquired: 6/26/2012 16:34:13 Type: Cal
Method: SW84606112012(v14) 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	.2839	51.56	11.11	.8256
Stddev	.0010	.38	.03	.0073
%RSD	.3388	.7405	.2676	.8854
#1	.2847	51.98	11.14	.8341
#2	.2842	51.47	11.10	.8215
#3	.2829	51.24	11.08	.8213

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	2230.0	24835.	4655.4
Stddev	4.1	28.	19.2
%RSD	.18301	.11309	.41252
#1	2225.8	24867.	4677.3
#2	2233.9	24815.	4646.9
#3	2230.5	24823.	4641.8

Sample Name: ICV Acquired: 6/26/2012 16:37:55 Type: QC
Method: SW84606112012(v14) 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	**124700.**	**2483.**	**1240.**	**10100.**	**996.9**	**126100.**
Stddev	81.	6.	2.	12.	2.4	133.
%RSD	.0652	.2334	.1270	.1235	.2364	.1057
#1	124700.	2487.	1241.	10090.	995.0	126000.
#2	124700.	2485.	1242.	10110.	996.2	126000.
#3	124600.	2476.	1239.	10090.	999.5	126200.
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	**1265.**	**2500.**	**5027.**	**12480.**	**100100.**	**49430.**
Stddev	2.	2.	17.	40.	238.	144.
%RSD	.1542	.0951	.3415	.3177	.2379	.2922
#1	1265.	2498.	5045.	12440.	100400.	49290.
#2	1267.	2503.	5025.	12490.	100100.	49440.
#3	1263.	2499.	5011.	12520.	99880.	49580.
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.**	**5111.**	**124100.**	**2530.**	**7602.**	**1004.**
Stddev	451.	8.	78.	4.	13.	1.
%RSD	.3655	.1644	.0631	.1411	.1740	.1110
#1	124000.	5121.	124100.	2528.	7597.	1004.
#2	123300.	5109.	124000.	2534.	7617.	1006.
#3	123200.	5105.	124000.	2529.	7592.	1004.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 6/26/2012 16:37:55 Type: QC
Method: SW84606112012(v14) 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.**	**2564.**	**2485.**	**2495.**	**1014.**	**2531.**
Stddev	8.	10.	5.	2.	1.	5.
%RSD	.3224	.3762	.1949	.0952	.0959	.1893
#1	2451.	2564.	2490.	2495.	1014.	2530.
#2	2438.	2574.	2485.	2498.	1016.	2536.
#3	2437.	2554.	2480.	2493.	1014.	2526.
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.**	**5048.**	**10020.**	**9999.**
Stddev	2.	5.	15.	59.
%RSD	.2207	.1028	.1501	.5930
#1	1007.	5044.	10020.	9941.
#2	1007.	5047.	10030.	9995.
#3	1003.	5054.	10000.	10060.
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	**2311.0**	**25646.**	**4661.5**
Stddev	3.8	118.	11.5
%RSD	.16543	.45889	.24752
#1	2315.1	25510.	4651.2
#2	2307.5	25718.	4659.3
#3	2310.3	25709.	4674.0

Sample Name: CCB Acquired: 6/26/2012 16:41:15 Type: QC
Method: SW84606112012(v14) 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	**23.10**	**-.1587**	**-.4237**	**.5847**	**.0289**	**21.93**
Stddev	23.52	2.545	.2927	.3952	.0882	17.45
%RSD	101.8	1604.	69.09	67.60	305.4	79.58
#1	48.93	2.508	-.5442	1.035	.1286	41.32
#2	2.936	-.4211	-.6368	.4215	-.0029	7.479
#3	17.42	-2.563	-.0899	.2971	-.0390	16.99
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	**.0177**	**.0943**	**.2555**	**2.685**	**13.89**	**146.9**
Stddev	.1333	.5103	.0571	3.691	16.65	46.3
%RSD	751.7	541.2	22.35	137.5	119.8	31.51
#1	.1065	-.1118	.3145	6.912	32.94	196.3
#2	.0823	.6754	.2004	.0963	6.559	140.1
#3	-.1355	-.2808	.2517	1.048	2.167	104.4
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	**9.567**	**.3927**	**15.07**	**.1730**	**-.8242**	**.8612**
Stddev	5.402	.3204	25.43	.4258	.8380	1.978
%RSD	56.46	81.60	168.8	246.2	101.7	229.6
#1	15.51	.7626	43.40	.2237	-.0410	-1.307
#2	8.220	.2177	7.602	.5711	-1.708	2.567
#3	4.966	.1979	-5.794	-.2759	-.7237	1.324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 16:41:15 Type: QC
Method: SW84606112012(v14) 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**	**.4766**	**.0852**	**.1232**	**2.089**	**4.050**
Stddev	2.015	1.490	.1412	.0468	.449	.390
%RSD	92.68	312.6	165.7	38.00	21.51	9.622
#1	-.1312	-.9782	.2306	.1377	2.144	4.417
#2	3.600	.4092	.0766	.0709	2.509	4.093
#3	3.054	1.999	-.0515	.1611	1.615	3.641
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	**.6218**	**.4189**	**2.274**	**2.569**
Stddev	1.207	.4146	.718	17.11
%RSD	194.1	98.98	31.58	666.0
#1	.2680	.8946	3.082	22.31
#2	-.3688	.2280	1.709	-8.131
#3	1.966	.1341	2.032	-6.467
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	**2499.4**	**27773.**	**4737.3**
Stddev	9.5	88.	39.3
%RSD	.37810	.31851	.82860
#1	2490.5	27678.	4694.0
#2	2498.5	27787.	4770.7
#3	2509.3	27854.	4747.2

Sample Name: ICSA 1552029 Acquired: 6/26/2012 16:45:00 Type: QC
Method: SW84606112012(v14) 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	**511200.**	**-1.064**	**-1.336**	**-1.067**	**-.0012**	**476200.**
Stddev	725.	3.277	.924	.320	.1066	882.
%RSD	.1418	307.8	69.20	30.02	8754.	.1853
#1	511400.	1.756	-1.600	-.7798	.1219	476600.
#2	511800.	-.2902	-.3081	-1.009	-.0650	476900.
#3	510400.	-4.659	-2.099	-1.412	-.0605	475200.
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	**.7372**	**-.4265**	**.2473**	**-3.481**	**200100.**	**-166.6**
Stddev	.2817	.2497	.0831	2.561	285.	26.1
%RSD	38.22	58.56	33.62	73.57	.1423	15.69
#1	1.018	-.7144	.3418	-6.437	200400.	-181.1
#2	.7392	-.2683	.2147	-1.907	199800.	-136.4
#3	.4544	-.2968	.1854	-2.101	200000.	-182.2
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	**512600.**	**-2.987**	**-74.01**	**-1.290**	**3.152**	**-1.452**
Stddev	4133.	.124	13.56	.111	1.272	2.047
%RSD	.8062	4.145	18.32	8.614	40.34	141.0
#1	517200.	-2.850	-89.61	-1.173	3.460	.0233
#2	511400.	-3.091	-67.36	-1.394	4.241	-.5907
#3	509200.	-3.020	-65.05	-1.303	1.755	-3.789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 6/26/2012 16:45:00 Type: QC
Method: SW84606112012(v14) 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	**-.5679**	**-.1170**	**-4.388**	**2.639**	**-.1940**	**-2.002**
Stddev	1.928	2.145	.421	.079	1.117	.177
%RSD	339.5	1833.	9.598	2.977	575.8	8.829
#1	.5642	-.3477	-4.601	2.573	.4648	-2.191
#2	.5264	2.134	-4.660	2.726	.4369	-1.973
#3	-2.794	-2.137	-3.903	2.617	-1.484	-1.841
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	**3.373**	**.2356**	**-5.557**	**-4.189**
Stddev	1.034	.0897	1.287	6.885
%RSD	30.66	38.07	23.17	164.4
#1	2.865	.1746	-6.148	-8.110
#2	4.562	.1936	-6.443	-8.217
#3	2.690	.3387	-4.080	3.761
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	**2235.3**	**24562.**	**4645.9**
Stddev	3.7	92.	12.9
%RSD	.16521	.37438	.27723
#1	2238.0	24456.	4648.5
#2	2231.1	24620.	4632.0
#3	2236.7	24610.	4657.4

Sample Name: ICSAB 1552027 Acquired: 6/26/2012 16:48:48 Type: QC
Method: SW84606112012(v14) 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	**497900.**	**95.67**	**103.5**	**98.16**	**96.80**	**464200.**
Stddev	958.	5.80	.5	.16	.09	990.
%RSD	.1924	6.068	.4492	.1595	.0972	.2132
#1	498200.	102.2	103.0	98.21	96.73	463800.
#2	496800.	91.26	103.9	97.98	96.90	463500.
#3	498700.	93.50	103.6	98.28	96.76	465300.
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	**96.35**	**94.10**	**96.97**	**93.98**	**195700.**	**10100.**
Stddev	.20	.26	.43	.97	569.	42.
%RSD	.2091	.2728	.4384	1.030	.2910	.4208
#1	96.58	94.19	97.45	95.07	195900.	10120.
#2	96.27	93.81	96.84	93.64	196100.	10050.
#3	96.20	94.30	96.63	93.23	195000.	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	**500600.**	**96.60**	**10360.**	**93.69**	**96.90**	**96.10**
Stddev	6756.	.25	18.	.29	1.46	3.36
%RSD	1.350	.2546	.1718	.3048	1.507	3.497
#1	505000.	96.88	10370.	93.74	98.00	93.68
#2	504100.	96.49	10340.	93.95	95.24	94.67
#3	492900.	96.42	10370.	93.38	97.46	99.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1552027 Acquired: 6/26/2012 16:48:48 Type: QC
Method: SW84606112012(v14) 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	**101.4**	**92.36**	**93.24**	**93.61**	**98.47**	**94.12**
Stddev	6.1	2.65	.90	.46	1.92	.42
%RSD	6.013	2.865	.9704	.4954	1.950	.4483
#1	103.0	89.30	94.23	94.14	100.2	94.17
#2	94.71	93.84	93.03	93.33	98.82	94.52
#3	106.6	93.93	92.45	93.35	96.39	93.68
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	**101.1**	**101.7**	**91.67**	**50.40**
Stddev	2.5	.2	.59	23.45
%RSD	2.425	.1839	.6459	46.53
#1	103.9	101.5	92.30	75.50
#2	99.96	101.7	91.12	46.66
#3	99.38	101.8	91.59	29.05
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	**2243.6**	**24675.**	**4668.1**
Stddev	6.5	90.	9.0
%RSD	.29117	.36608	.19178
#1	2239.7	24620.	4660.6
#2	2251.2	24624.	4678.0
#3	2240.1	24779.	4665.8

Sample Name: INT-10 1552031 Acquired: 6/26/2012 16:52:26 Type: QC
Method: SW84606112012(v14) 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	**41.01**	**-1.057**	**-7.188**	**.9235**	**-.3650**	**78.48**
Stddev	35.86	1.910	.730	.1140	.0956	43.41
%RSD	87.45	180.7	10.15	12.35	26.20	55.31
#1	81.44	-3.253	-6.447	1.040	-.3679	128.5
#2	28.53	.2166	-7.213	.8117	-.4592	51.10
#3	13.05	-.1339	-7.905	.9194	-.2680	55.82
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	**-.3796**	**10230.**	**10100.**	**-8.733**	**17.90**	**66.54**
Stddev	.0707	27.	24.	4.171	8.89	77.59
%RSD	18.61	.2597	.2396	47.76	49.68	116.6
#1	-.2982	10250.	10100.	-13.54	27.27	145.7
#2	-.4163	10250.	10120.	-6.618	9.576	-9.405
#3	-.4244	10200.	10070.	-6.043	16.86	63.34
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	**70.05**	**10170.**	**34.22**	**10380.**	**-6.359**	**-5.836**
Stddev	26.72	38.	9.30	28.	.763	1.065
%RSD	38.14	.3777	27.17	.2701	12.00	18.26
#1	100.4	10200.	41.19	10390.	-7.049	-4.619
#2	59.61	10130.	37.80	10390.	-6.487	-6.602
#3	50.13	10180.	23.67	10340.	-5.540	-6.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1552031 Acquired: 6/26/2012 16:52:26 Type: QC
Method: SW84606112012(v14) 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	**-2.033**	**-4.967**	**4947.**	**-7.182**	**-2.291**	**5099.**
Stddev	1.887	.990	11.	.069	1.551	15.
%RSD	92.78	19.92	.2177	.9622	67.72	.2897
#1	-1.396	-4.976	4948.	-7.113	-1.750	5107.
#2	-4.156	-3.973	4957.	-7.182	-4.040	5108.
#3	-.5482	-5.952	4935.	-7.251	-1.083	5082.
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	**10240.**	**9809.**	**9853.**	**10410.**
Stddev	34.	130.	21.	243.
%RSD	.3329	1.323	.2121	2.332
#1	10260.	9668.	9836.	10130.
#2	10260.	9834.	9846.	10490.
#3	10200.	9924.	9876.	10600.
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	**2474.1**	**27772.**	**4787.7**
Stddev	2.3	78.	36.2
%RSD	.09098	.28125	.75549
#1	2475.5	27862.	4819.9
#2	2475.2	27738.	4794.5
#3	2471.5	27717.	4748.6

Sample Name: 460-41492-d-21-n du@ Acquired: 6/26/2012 16:56:16 Type: Unk
Method: SW84606112012(v14) 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	**33550.**	**5.087**	**-.6539**	**229.1**	**.5336**	**6562.**
Stddev	51.	.574	.4922	.6	.1515	1.
%RSD	.1527	11.27	75.28	.2549	28.39	.0118
#1	33560.	5.529	-1.175	229.7	.4497	6562.
#2	33500.	4.439	-.1969	229.1	.7084	6563.
#3	33600.	5.293	-.5897	228.5	.4426	6562.
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	**.3549**	**24.55**	**65.22**	**60.12**	**55760.**	**5898.**
Stddev	.0471	.70	1.10	1.89	52.	47.
%RSD	13.27	2.856	1.681	3.146	.0939	.7916
#1	.3856	25.33	66.43	60.90	55720.	5850.
#2	.3007	24.34	64.30	61.49	55730.	5943.
#3	.3785	23.98	64.92	57.96	55820.	5902.
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	**13240.**	**869.5**	**107.9**	**54.31**	**21.90**	**.2414**
Stddev	30.	1.0	13.9	.61	.21	2.165
%RSD	.2241	.1167	12.84	1.121	.9630	896.7
#1	13220.	870.6	123.8	55.01	22.11	-2.255
#2	13240.	868.8	98.72	54.01	21.69	1.382
#3	13280.	869.0	101.1	53.91	21.90	1.597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-21-n du@ Acquired: 6/26/2012 16:56:16 Type: Unk
Method: SW84606112012(v14) 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	**2.770**	**-2.828**	**77.62**	**119.3**	**3.677**	**8.508**
Stddev	1.334	1.566	1.02	.4	.213	1.429
%RSD	48.17	55.37	1.308	.3646	5.793	16.80
#1	4.139	-4.545	78.52	119.8	3.557	10.05
#2	1.473	-2.461	76.52	118.9	3.551	8.246
#3	2.697	-1.478	77.83	119.2	3.923	7.228
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	**4.032**	**29.46**	**2252.**	**761.7**
Stddev	.726	1.38	4.	3.1
%RSD	18.01	4.683	.1960	.4031
#1	4.512	31.01	2257.	760.1
#2	4.388	29.02	2252.	759.8
#3	3.196	28.36	2248.	765.2
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	**2533.4**	**28068.**	**4878.3**
Stddev	8.7	79.	27.6
%RSD	.34373	.27978	.56514
#1	2524.1	27979.	4847.2
#2	2541.4	28100.	4888.1
#3	2534.6	28126.	4899.6

Sample Name: 460-41492-d-21-m@4 Acquired: 6/26/2012 16:59:52 Type: Unk
Method: SW84606112012(v14) 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	**35420.**	**6.556**	**.0229**	**252.3**	**.6361**	**7023.**
Stddev	48.	1.721	.3370	.6	.0600	22.
%RSD	.1344	26.25	1469.	.2548	9.432	.3125
#1	35450.	8.363	.0384	252.6	.5985	7013.
#2	35440.	6.369	.3520	252.7	.6045	7008.
#3	35360.	4.936	-.3215	251.6	.7053	7049.
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	**.3620**	**25.69**	**71.78**	**62.21**	**57270.**	**6452.**
Stddev	.0256	.11	.12	2.53	31.	26.
%RSD	7.083	.4463	.1692	4.061	.0536	.4013
#1	.3897	25.66	71.64	65.12	57280.	6422.
#2	.3391	25.81	71.83	60.62	57240.	6467.
#3	.3573	25.58	71.87	60.89	57300.	6467.
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	**14100.**	**1033.**	**115.3**	**58.23**	**21.00**	**.1842**
Stddev	13.	1.	14.7	.48	.97	1.355
%RSD	.0899	.0673	12.78	.8224	4.604	735.5
#1	14110.	1033.	131.8	58.39	21.92	-.5188
#2	14110.	1032.	103.6	58.61	19.99	1.746
#3	14090.	1032.	110.3	57.69	21.08	-.6745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-21-m@4 Acquired: 6/26/2012 16:59:52 Type: Unk
Method: SW84606112012(v14) 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	**2.998**	**-.5832**	**83.64**	**127.0**	**3.098**	**1.180**
Stddev	.941	.9234	.42	.4	.370	.197
%RSD	31.39	158.3	.5036	.3327	11.95	16.66
#1	4.049	.2414	83.24	127.2	3.450	1.119
#2	2.233	-.4102	84.08	127.3	2.712	1.021
#3	2.711	-1.581	83.59	126.5	3.132	1.400
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	**2.288**	**28.66**	**2468.**	**739.2**
Stddev	.878	.03	3.	8.3
%RSD	38.36	.0951	.1410	1.123
#1	1.857	28.67	2466.	740.1
#2	3.298	28.64	2467.	747.0
#3	1.709	28.69	2472.	730.5
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	**2538.8**	**28237.**	**4909.0**
Stddev	4.6	91.	34.2
%RSD	.18191	.32203	.69649
#1	2534.9	28144.	4871.6
#2	2537.7	28325.	4917.0
#3	2543.9	28242.	4938.5

Sample Name: sd 460-41492-d-21-m@ Acquired: 6/26/2012 17:03:29 Type: Unk
Method: SW84606112012(v14) 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	**7170.**	**.4563**	**-.1800**	**50.46**	**.0598**	**1425.**
Stddev	36.	1.622	.3676	.04	.0550	15.
%RSD	.5021	355.5	204.2	.0736	91.98	1.075
#1	7130.	-.9836	.1903	50.48	.0831	1442.
#2	7199.	2.213	-.1855	50.48	.0994	1419.
#3	7180.	.1390	-.5449	50.42	-.0030	1414.
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	**.0618**	**4.902**	**14.28**	**14.16**	**11590.**	**1287.**
Stddev	.0765	.292	.29	1.33	12.	16.
%RSD	123.7	5.954	2.006	9.418	.1051	1.245
#1	.0805	5.103	13.97	12.62	11600.	1269.
#2	.1273	5.037	14.54	15.00	11580.	1298.
#3	-.0223	4.567	14.31	14.85	11600.	1294.
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	**2862.**	**208.2**	**-34.16**	**11.95**	**4.488**	**1.590**
Stddev	3.	.4	6.22	.33	.676	1.562
%RSD	.1040	.2137	18.21	2.801	15.05	98.28
#1	2864.	208.7	-27.38	12.12	4.841	3.066
#2	2865.	207.8	-35.50	12.17	4.914	1.749
#3	2859.	208.1	-39.60	11.57	3.709	-.0462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41492-d-21-m@ Acquired: 6/26/2012 17:03:29 Type: Unk
Method: SW84606112012(v14) 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	**1.971**	**-1.908**	**16.29**	**29.00**	**.6649**	**.3826**
Stddev	.819	.669	.63	.16	.2904	.0956
%RSD	41.56	35.06	3.848	.5390	43.68	24.98
#1	1.420	-1.291	16.86	29.08	.4808	.3890
#2	2.912	-2.618	16.39	28.82	.5142	.4748
#3	1.581	-1.814	15.62	29.10	.9997	.2839
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	**1.746**	**5.809**	**490.5**	**147.4**
Stddev	.731	.143	3.0	7.5
%RSD	41.86	2.471	.6022	5.105
#1	2.532	5.747	491.4	143.5
#2	1.087	5.707	492.8	142.6
#3	1.619	5.973	487.1	156.0
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	**2512.9**	**27984.**	**4807.0**
Stddev	5.0	80.	10.3
%RSD	.19838	.28527	.21354
#1	2514.0	28056.	4818.1
#2	2517.2	27998.	4804.8
#3	2507.5	27898.	4798.0

Sample Name: 460-41492-d-21-o ms@ Acquired: 6/26/2012 17:07:08 Type: Unk
Method: SW84606112012(v14) 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	**39540.**	**928.4**	**22.38**	**1247.**	**25.02**	**16840.**
Stddev	148.	2.7	.07	3.	.16	67.
%RSD	.3737	.2919	.3325	.2790	.6323	.4002
#1	39560.	927.7	22.46	1249.	25.11	16780.
#2	39390.	931.4	22.31	1249.	24.84	16810.
#3	39680.	926.1	22.36	1243.	25.11	16910.
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	**25.03**	**271.9**	**164.6**	**183.1**	**58580.**	**15610.**
Stddev	.12	1.0	.5	3.7	94.	67.
%RSD	.4812	.3715	.3301	2.036	.1608	.4276
#1	25.12	272.6	164.4	182.7	58480.	15540.
#2	25.07	272.4	165.2	187.0	58660.	15640.
#3	24.89	270.7	164.1	179.6	58590.	15670.
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	**22640.**	**1464.**	**9836.**	**306.5**	**276.0**	**170.9**
Stddev	17.	2.	36.	1.1	2.4	3.7
%RSD	.0748	.1413	.3687	.3615	.8866	2.187
#1	22630.	1462.	9839.	307.0	275.0	170.1
#2	22650.	1466.	9798.	307.3	278.8	174.9
#3	22660.	1465.	9871.	305.2	274.3	167.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-21-o ms@ Acquired: 6/26/2012 17:07:08 Type: Unk
Method: SW84606112012(v14) 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	**905.2**	**1028.**	**323.8**	**369.1**	**243.5**	**241.1**
Stddev	2.5	6.	1.0	.9	.2	1.0
%RSD	.2798	.5745	.3122	.2434	.0795	.4060
#1	905.1	1032.	324.4	369.8	243.6	241.2
#2	907.8	1030.	324.4	369.5	243.7	242.0
#3	902.8	1021.	322.7	368.1	243.3	240.1
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	**243.1**	**271.8**	**2764.**	**1389.**
Stddev	.5	.8	8.	20.
%RSD	.2000	.3125	.2868	1.409
#1	243.0	271.7	2771.	1373.
#2	243.7	271.0	2755.	1411.
#3	242.7	272.7	2766.	1383.
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	**2499.4**	**27864.**	**4852.5**
Stddev	5.7	53.	34.3
%RSD	.22860	.18872	.70598
#1	2496.8	27884.	4830.2
#2	2495.4	27904.	4891.9
#3	2505.9	27805.	4835.3

Sample Name: pds 460-41492-d-21-m Acquired: 6/26/2012 17:10:36 Type: Unk
Method: SW84606112012(v14) 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	**36980.**	**1840.**	**46.41**	**2198.**	**49.02**	**26640.**
Stddev	123.	7.	.91	4.	.19	100.
%RSD	.3333	.3757	1.952	.1781	.3792	.3757
#1	37120.	1848.	47.00	2202.	49.07	26690.
#2	36890.	1838.	45.37	2194.	48.82	26520.
#3	36920.	1835.	46.87	2197.	49.18	26700.
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	**48.98**	**512.0**	**263.2**	**309.2**	**57370.**	**25040.**
Stddev	.15	.9	1.0	6.3	90.	80.
%RSD	.3129	.1841	.3907	2.026	.1572	.3180
#1	49.04	512.8	262.0	309.9	57400.	25020.
#2	48.80	511.0	264.0	302.6	57270.	24970.
#3	49.09	512.3	263.6	315.0	57440.	25130.
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	**32080.**	**1522.**	**19170.**	**548.4**	**515.0**	**443.4**
Stddev	58.	3.	91.	.7	.7	4.7
%RSD	.1795	.1918	.4731	.1313	.1353	1.059
#1	32060.	1525.	19250.	549.2	515.5	448.7
#2	32030.	1520.	19070.	548.1	515.4	441.5
#3	32140.	1521.	19180.	547.8	514.2	439.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41492-d-21-m Acquired: 6/26/2012 17:10:36 Type: Unk
Method: SW84606112012(v14) 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	**1805.**	**2023.**	**556.7**	**605.2**	**483.9**	**479.3**
Stddev	8.	7.	.2	1.5	1.3	.6
%RSD	.4564	.3470	.0272	.2493	.2649	.1274
#1	1807.	2030.	556.8	606.2	485.3	480.0
#2	1796.	2022.	556.5	603.4	482.8	478.8
#3	1812.	2016.	556.8	606.0	483.6	479.1
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	**488.8**	**500.6**	**2947.**	**823.7**
Stddev	2.5	1.6	12.	9.7
%RSD	.5203	.3234	.4231	1.177
#1	491.1	501.5	2961.	813.1
#2	486.1	498.7	2938.	832.0
#3	489.1	501.5	2942.	826.0
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	**2499.6**	**27797.**	**4860.0**
Stddev	12.8	106.	47.7
%RSD	.51017	.38206	.98056
#1	2485.0	27693.	4809.5
#2	2508.4	27793.	4904.2
#3	2505.5	27905.	4866.3

Sample Name: 460-41492-a-18-a@4 Acquired: 6/26/2012 17:13:59 Type: Unk
Method: SW84606112012(v14) 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	**33270.**	**7.624**	**11.72**	**443.0**	**.5350**	**7276.**
Stddev	38.	1.582	1.19	.7	.0440	11.
%RSD	.1129	20.76	10.20	.1499	8.229	.1471
#1	33290.	9.368	10.35	443.6	.5454	7288.
#2	33290.	6.279	12.25	443.1	.4867	7274.
#3	33230.	7.226	12.55	442.3	.5729	7267.
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	**1.048**	**21.14**	**72.15**	**181.1**	**63020.**	**6535.**
Stddev	.050	.42	.39	1.5	152.	43.
%RSD	4.765	1.991	.5461	.8399	.2410	.6504
#1	1.105	21.51	71.70	179.7	62920.	6580.
#2	1.021	21.21	72.33	180.9	63190.	6495.
#3	1.017	20.68	72.42	182.7	62940.	6530.
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	**14800.**	**1087.**	**293.6**	**52.14**	**478.3**	**.9426**
Stddev	58.	3.	6.4	.25	1.9	3.628
%RSD	.3900	.2909	2.171	.4880	.4038	384.9
#1	14740.	1087.	300.0	51.89	479.5	4.093
#2	14860.	1090.	293.6	52.40	479.3	-3.024
#3	14810.	1084.	287.3	52.12	476.1	1.759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-a-18-a@4 Acquired: 6/26/2012 17:13:59 Type: Unk
Method: SW84606112012(v14) 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	**1.218**	**-.1673**	**89.31**	**409.6**	**4.449**	**1.049**
Stddev	2.392	2.569	.33	.4	.611	.074
%RSD	196.3	1536.	.3686	.0889	13.73	7.056
#1	3.644	.5078	88.93	409.1	4.391	1.124
#2	1.149	1.997	89.51	409.7	5.087	1.045
#3	-1.138	-3.006	89.49	409.8	3.869	.9765
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	**63.73**	**35.47**	**2628.**	**866.6**
Stddev	.90	.17	6.	9.1
%RSD	1.408	.4862	.2375	1.051
#1	64.67	35.58	2631.	859.8
#2	63.66	35.55	2632.	863.0
#3	62.88	35.27	2621.	877.0
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	**2553.6**	**28430.**	**4964.0**
Stddev	5.7	111.	32.5
%RSD	.22327	.38980	.65386
#1	2548.8	28348.	4926.6
#2	2552.1	28386.	4980.8
#3	2559.9	28556.	4984.6

Sample Name: lcssrm 460-117425/2- Acquired: 6/26/2012 17:17:34 Type: QC
Method: SW84606112012(v14) 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	**31660.**	**1129.**	**227.7**	**1227.**	**465.3**	**34380.**
Stddev	11.	5.	.5	1.	.5	11.
%RSD	.0335	.4619	.2383	.1155	.1035	.0333
#1	31660.	1135.	227.4	1226.	465.4	34360.
#2	31650.	1126.	228.3	1229.	464.8	34390.
#3	31670.	1127.	227.3	1227.	465.7	34380.
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	**972.6**	**928.2**	**639.8**	**620.5**	**57980.**	**11610.**
Stddev	1.6	1.9	1.1	6.0	67.	55.
%RSD	.1640	.2036	.1790	.9747	.1148	.4737
#1	972.1	926.3	638.6	627.5	58000.	11620.
#2	974.4	930.0	640.9	616.9	58030.	11660.
#3	971.3	928.2	639.7	617.2	57900.	11550.
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	**12700.**	**1708.**	**2535.**	**617.3**	**526.7**	**903.8**
Stddev	15.	3.	6.	.9	1.3	3.4
%RSD	.1213	.1968	.2371	.1420	.2477	.3773
#1	12700.	1709.	2537.	617.4	525.5	907.7
#2	12710.	1710.	2540.	618.1	528.1	902.2
#3	12680.	1704.	2528.	616.3	526.6	901.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117425/2- Acquired: 6/26/2012 17:17:34 Type: QC
Method: SW84606112012(v14) 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	**515.4**	**855.9**	**582.7**	**894.1**	**577.4**	**491.5**
Stddev	1.7	2.2	1.1	1.6	1.1	.4
%RSD	.3287	.2604	.1822	.1840	.1964	.0864
#1	515.8	855.0	583.3	893.7	577.1	491.1
#2	513.5	858.5	583.3	895.9	578.7	491.4
#3	516.9	854.3	581.5	892.7	576.5	491.9
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	**552.5**	**625.7**	**966.1**	**2350.**
Stddev	1.6	1.0	2.3	16.
%RSD	.2856	.1642	.2334	.6884
#1	554.0	626.0	966.5	2364.
#2	552.7	624.6	963.6	2352.
#3	550.9	626.6	968.1	2332.
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	**2582.5**	**28631.**	**5047.1**
Stddev	8.3	129.	30.1
%RSD	.32088	.45101	.59610
#1	2592.0	28712.	5079.5
#2	2578.5	28698.	5020.0
#3	2576.9	28482.	5041.7

Sample Name: CCV Acquired: 6/26/2012 17:21:00 Type: QC
Method: SW84606112012(v14) 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	**125800.**	**2497.**	**1244.**	**10150.**	**1006.**	**127500.**
Stddev	289.	7.	3.	3.	4.	527.
%RSD	.2295	.2778	.2711	.0290	.4253	.4130
#1	126100.	2505.	1246.	10150.	1010.	128100.
#2	125600.	2492.	1246.	10150.	1001.	127100.
#3	125600.	2493.	1241.	10150.	1007.	127500.
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	**1272.**	**2510.**	**5031.**	**12630.**	**100400.**	**49680.**
Stddev	1.	3.	7.	62.	206.	83.
%RSD	.0632	.1073	.1434	.4924	.2053	.1679
#1	1273.	2513.	5040.	12690.	100600.	49760.
#2	1271.	2509.	5028.	12570.	100400.	49590.
#3	1271.	2509.	5027.	12640.	100200.	49680.
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	**123600.**	**5128.**	**126100.**	**2536.**	**7629.**	**1019.**
Stddev	172.	7.	459.	1.	9.	1.
%RSD	.1393	.1325	.3643	.0282	.1167	.1313
#1	123700.	5136.	126600.	2536.	7637.	1020.
#2	123700.	5127.	125800.	2535.	7620.	1018.
#3	123400.	5123.	125900.	2536.	7629.	1018.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 17:21:00 Type: QC
Method: SW84606112012(v14) 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	**2443.**	**2570.**	**2490.**	**2511.**	**1018.**	**2543.**
Stddev	5.	3.	2.	1.	2.	2.
%RSD	.2069	.1203	.0943	.0459	.1573	.0704
#1	2448.	2574.	2492.	2513.	1020.	2543.
#2	2443.	2567.	2488.	2510.	1017.	2542.
#3	2438.	2570.	2489.	2511.	1017.	2545.
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.**	**5090.**	**10140.**	**10140.**
Stddev	2.	17.	31.	22.
%RSD	.1815	.3330	.3079	.2204
#1	1010.	5106.	10170.	10160.
#2	1007.	5072.	10110.	10120.
#3	1007.	5091.	10130.	10150.
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	**2312.1**	**25754.**	**4673.9**
Stddev	2.5	29.	16.1
%RSD	.10977	.11074	.34514
#1	2311.7	25734.	4656.5
#2	2314.8	25787.	4677.1
#3	2309.8	25741.	4688.3

Sample Name: CCB Acquired: 6/26/2012 17:24:19 Type: QC
Method: SW84606112012(v14) 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	**33.39**	**-.4711**	**-.6893**	**.6601**	**.0241**	**29.28**
Stddev	32.44	1.059	.1831	.5408	.0871	11.29
%RSD	97.16	224.8	26.56	81.92	361.3	38.56
#1	68.56	.2622	-.8758	1.272	.1227	41.37
#2	26.98	-1.686	-.5099	.4605	-.0081	27.49
#3	4.632	.0100	-.6823	.2476	-.0423	19.00
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	**.0533**	**-.0703**	**.8042**	**2.576**	**16.16**	**156.4**
Stddev	.1199	.1771	.4179	1.349	26.10	67.6
%RSD	225.0	251.8	51.96	52.35	161.5	43.22
#1	.1862	.1338	1.236	4.095	42.85	234.2
#2	.0202	-.1834	.7739	2.112	14.94	122.4
#3	-.0466	-.1613	.4023	1.521	-9.300	112.5
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	**10.16**	**.5297**	**-22.85**	**.2193**	**-1.203**	**3.305**
Stddev	8.49	.4576	22.57	.2928	.539	2.153
%RSD	83.57	86.39	98.81	133.5	44.78	65.13
#1	19.33	1.041	2.811	.0275	-1.099	3.283
#2	8.584	.3892	-39.67	.0740	-.7236	5.470
#3	2.566	.1588	-31.68	.5563	-1.786	1.164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 17:24:19 Type: QC
Method: SW84606112012(v14) 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	**3.079**	**.4704**	**.1582**	**.2789**	**1.246**	**3.276**
Stddev	2.129	1.774	.5223	.1240	.470	.231
%RSD	69.14	377.2	330.1	44.45	37.73	7.053
#1	1.674	-1.534	-.4338	.4064	1.489	3.542
#2	2.034	1.106	.3547	.1588	1.544	3.164
#3	5.529	1.839	.5538	.2715	.7038	3.123
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	**.7684**	**.5315**	**1.756**	**1.488**
Stddev	.2100	.5264	1.815	26.75
%RSD	27.33	99.04	103.4	1797.
#1	.5320	1.135	3.020	-27.51
#2	.8400	.2939	-.3246	6.781
#3	.9332	.1657	2.571	25.19
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	**2480.0**	**27737.**	**4727.6**
Stddev	1.0	78.	4.3
%RSD	.03881	.27968	.09007
#1	2479.1	27781.	4732.4
#2	2480.0	27782.	4724.4
#3	2481.0	27647.	4725.9

Sample Name: mb 460-117425/1-a@2 Acquired: 6/26/2012 17:28:05 Type: QC
Method: SW84606112012(v14) 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	**42.23**	**-3.256**	**-.1882**	**.0337**	**-.0212**	**52.48**
Stddev	10.93	.684	.0760	.1217	.0925	8.32
%RSD	25.89	21.00	40.39	361.2	436.5	15.86
#1	47.67	-4.015	-.1381	-.0267	-.1277	50.66
#2	49.37	-2.687	-.1508	.1738	.0248	45.23
#3	29.65	-3.067	-.2756	-.0460	.0393	61.57
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	**-.0291**	**-.1541**	**.0755**	**2.122**	**8.633**	**39.65**
Stddev	.0344	.2093	.1963	1.213	5.320	37.43
%RSD	118.0	135.8	259.9	57.18	61.62	94.42
#1	-.0682	-.1174	.2837	1.178	12.96	75.42
#2	-.0156	.0345	-.1061	1.698	2.693	.7462
#3	-.0035	-.3793	.0489	3.491	10.25	42.78
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	**2.042**	**.0302**	**-43.81**	**-.2614**	**-.4634**	**2.379**
Stddev	4.436	.0558	19.21	.1043	.8443	3.566
%RSD	217.2	184.8	43.84	39.90	182.2	149.9
#1	-2.455	-.0307	-28.69	-.3804	.4192	4.511
#2	6.414	.0423	-37.33	-.2177	-1.263	-1.738
#3	2.168	.0789	-65.42	-.1860	-.5460	4.364
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117425/1-a@2 Acquired: 6/26/2012 17:28:05 Type: QC
Method: SW84606112012(v14) 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	**3.700**	**-2.181**	**-.0094**	**.4177**	**5.701**	**1.308**
Stddev	1.196	.893	.3052	.0666	.565	.084
%RSD	32.33	40.96	3249.	15.95	9.913	6.424
#1	4.279	-3.178	-.0793	.3952	5.782	1.247
#2	2.324	-1.912	-.2736	.4927	6.221	1.404
#3	4.496	-1.453	.3247	.3652	5.099	1.273
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	**1.849**	**.4419**	**1.345**	**30.48**
Stddev	.154	.0461	2.009	11.85
%RSD	8.312	10.42	149.3	38.87
#1	1.980	.3906	1.035	17.38
#2	1.888	.4798	3.491	40.44
#3	1.680	.4552	-.4901	33.62
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	**2417.7**	**27223.**	**4651.8**
Stddev	11.9	288.	33.6
%RSD	.49230	1.0561	.72253
#1	2404.6	26947.	4613.0
#2	2420.5	27203.	4670.8
#3	2427.9	27521.	4671.6

Sample Name: 460-41492-d-20-g@4 Acquired: 6/26/2012 17:31:50 Type: Unk
Method: SW84606112012(v14) 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	**50500.**	**8.768**	**-.4687**	**418.2**	**.7505**	**7194.**
Stddev	153.	1.861	.3874	1.5	.1281	22.
%RSD	.3027	21.23	82.65	.3658	17.06	.3050
#1	50320.	10.60	-.1469	416.5	.6687	7173.
#2	50580.	6.875	-.8986	419.4	.6847	7217.
#3	50590.	8.834	-.3606	418.6	.8981	7193.
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	**.4476**	**39.40**	**104.3**	**84.79**	**84170.**	**11020.**
Stddev	.0853	.15	.6	1.12	127.	31.
%RSD	19.07	.3876	.6204	1.321	.1505	.2774
#1	.5201	39.51	105.0	86.07	84300.	11000.
#2	.4690	39.46	103.7	83.96	84050.	11060.
#3	.3535	39.22	104.1	84.36	84150.	11020.
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	**20410.**	**1528.**	**204.8**	**87.42**	**31.21**	**1.548**
Stddev	68.	1.	13.7	.43	.39	.493
%RSD	.3344	.0879	6.662	.4933	1.262	31.82
#1	20480.	1529.	199.9	87.63	31.13	1.085
#2	20350.	1527.	194.3	86.93	31.64	2.066
#3	20410.	1527.	220.3	87.71	30.87	1.495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-20-g@4 Acquired: 6/26/2012 17:31:50 Type: Unk
Method: SW84606112012(v14) 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	**-.1113**	**-1.469**	**126.5**	**196.5**	**4.953**	**.2064**
Stddev	2.402	1.124	.2	.3	.070	.1556
%RSD	2158.	76.52	.1419	.1413	1.416	75.37
#1	-2.863	-1.144	126.6	196.8	4.942	.0284
#2	1.567	-2.720	126.7	196.4	4.889	.2747
#3	.9618	-.5436	126.4	196.2	5.028	.3162
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	**2.860**	**37.01**	**3750.**	**1057.**
Stddev	.553	.20	15.	23.
%RSD	19.33	.5536	.4108	2.196
#1	2.791	37.08	3732.	1050.
#2	2.344	37.17	3762.	1083.
#3	3.443	36.78	3755.	1038.
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	**2565.3**	**28532.**	**5001.0**
Stddev	5.8	105.	17.7
%RSD	.22617	.36845	.35344
#1	2570.0	28413.	4980.8
#2	2567.1	28613.	5013.6
#3	2558.8	28570.	5008.7

Sample Name: 460-41492-d-22-g@4 Acquired: 6/26/2012 17:35:25 Type: Unk
Method: SW84606112012(v14) 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	**40080.**	**8.487**	**-.0521**	**310.6**	**.5997**	**10620.**
Stddev	139.	.959	.0643	.6	.0804	9.
%RSD	.3473	11.30	123.4	.1881	13.41	.0843
#1	40170.	7.586	.0089	310.9	.6033	10610.
#2	40160.	9.495	-.1193	310.9	.5175	10630.
#3	39920.	8.378	-.0458	309.9	.6782	10610.
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	**.3990**	**28.92**	**81.96**	**87.78**	**67590.**	**7774.**
Stddev	.1121	.10	.86	2.91	56.	20.
%RSD	28.09	.3362	1.047	3.315	.0822	.2571
#1	.5010	29.02	82.47	85.48	67640.	7763.
#2	.4170	28.83	82.43	91.05	67530.	7762.
#3	.2790	28.91	80.97	86.81	67600.	7797.
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	**16640.**	**1323.**	**167.5**	**63.71**	**33.47**	**1.243**
Stddev	34.	2.	3.1	.24	.72	1.425
%RSD	.2049	.1305	1.859	.3712	2.145	114.7
#1	16660.	1322.	164.0	63.87	34.27	1.683
#2	16660.	1325.	169.9	63.44	32.89	2.396
#3	16600.	1322.	168.7	63.81	33.24	-.3511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-22-g@4 Acquired: 6/26/2012 17:35:25 Type: Unk
Method: SW84606112012(v14) 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	**-.4440**	**-.6696**	**100.8**	**163.5**	**3.469**	**.4607**
Stddev	1.397	1.892	.4	.4	.698	.1092
%RSD	314.5	282.6	.4308	.2147	20.11	23.70
#1	-.1948	.6173	100.3	163.8	4.146	.3387
#2	-1.948	-2.842	100.9	163.1	3.507	.4941
#3	.8111	.2159	101.1	163.5	2.753	.5493
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	**4.146**	**36.36**	**3005.**	**1011.**
Stddev	.756	.16	8.	27.
%RSD	18.25	.4288	.2499	2.671
#1	4.976	36.46	3010.	980.0
#2	3.965	36.18	3008.	1026.
#3	3.496	36.43	2996.	1028.
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	**2556.5**	**28417.**	**4953.8**
Stddev	5.5	57.	45.6
%RSD	.21516	.20157	.92106
#1	2559.9	28351.	4925.8
#2	2550.2	28450.	4929.2
#3	2559.5	28450.	5006.5

Sample Name: 460-41492-d-23-e@4 Acquired: 6/26/2012 17:39:01 Type: Unk
Method: SW84606112012(v14) 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	**49810.**	**10.48**	**-.1729**	**399.6**	**.8173**	**8239.**
Stddev	130.	1.20	.4235	.4	.0127	17.
%RSD	.2603	11.47	245.0	.1069	1.548	.2074
#1	49810.	9.137	-.5438	399.6	.8254	8220.
#2	49940.	10.86	-.2635	399.1	.8027	8245.
#3	49680.	11.45	.2886	400.0	.8239	8253.
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	**.5753**	**37.79**	**108.8**	**86.00**	**86800.**	**11110.**
Stddev	.1129	.16	.3	3.14	124.	41.
%RSD	19.63	.4102	.3026	3.656	.1427	.3662
#1	.5902	37.97	108.8	82.93	86730.	11150.
#2	.4557	37.71	109.0	85.87	86950.	11070.
#3	.6801	37.70	108.4	89.21	86730.	11120.
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	**20690.**	**1654.**	**213.1**	**83.19**	**33.11**	**-1.083**
Stddev	36.	1.	11.6	.18	.69	1.759
%RSD	.1751	.0338	5.419	.2194	2.093	162.4
#1	20660.	1654.	216.1	83.08	33.66	-1.462
#2	20730.	1655.	222.8	83.40	33.35	-2.621
#3	20670.	1653.	200.3	83.08	32.33	.8343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41492-d-23-e@4 Acquired: 6/26/2012 17:39:01 Type: Unk
Method: SW84606112012(v14) 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	**.2738**	**-1.792**	**129.5**	**192.8**	**3.461**	**.4254**
Stddev	.8870	.969	.4	.2	.750	.4893
%RSD	324.0	54.06	.2908	.1094	21.67	115.0
#1	1.126	-.9080	129.6	192.9	4.326	.0262
#2	.3402	-2.828	129.0	192.9	2.996	.2788
#3	-.6446	-1.641	129.7	192.5	3.060	.9713
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	**2.689**	**42.42**	**4004.**	**1028.**
Stddev	1.268	.12	8.	5.
%RSD	47.16	.2882	.1896	.4540
#1	4.025	42.42	4002.	1032.
#2	1.501	42.54	4012.	1023.
#3	2.541	42.30	3997.	1030.
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	**2586.8**	**28652.**	**5052.4**
Stddev	9.1	91.	23.9
%RSD	.35235	.31664	.47243
#1	2576.3	28585.	5028.1
#2	2592.7	28615.	5053.3
#3	2591.5	28755.	5075.8

Sample Name: 460-41390-a-10-a@4 Acquired: 6/26/2012 17:42:35 Type: Unk
Method: SW84606112012(v14) 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	**63530.**	**21.25**	**-.7468**	**566.4**	**2.975**	**5020.**
Stddev	70.	2.37	.4415	.7	.047	14.
%RSD	.1095	11.16	59.11	.1213	1.562	.2716
#1	63450.	19.83	-.3756	567.2	2.922	5022.
#2	63580.	23.99	-1.235	565.8	2.992	5032.
#3	63570.	19.92	-.6298	566.2	3.011	5005.
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	**.1792**	**37.93**	**87.58**	**31.93**	**106900.**	**1509.**
Stddev	.0271	.19	.46	5.10	328.	29.
%RSD	15.14	.5095	.5263	15.99	.3068	1.922
#1	.2037	37.70	87.62	34.35	107300.	1479.
#2	.1839	38.04	87.10	26.07	106700.	1513.
#3	.1501	38.03	88.02	35.38	106800.	1536.
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	**8839.**	**4729.**	**151.7**	**51.40**	**65.12**	**-.6490**
Stddev	24.	9.	5.4	.09	1.43	2.553
%RSD	.2769	.1874	3.541	.1737	2.192	393.4
#1	8866.	4739.	146.7	51.45	63.49	-1.063
#2	8818.	4723.	157.4	51.30	66.14	2.086
#3	8834.	4725.	151.1	51.46	65.73	-2.970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41390-a-10-a@4 Acquired: 6/26/2012 17:42:35 Type: Unk
Method: SW84606112012(v14) 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	**4.160**	**-.1891**	**139.8**	**154.6**	**7.396**	**1.704**
Stddev	.929	1.394	.4	.4	.470	.331
%RSD	22.32	737.1	.2534	.2639	6.356	19.45
#1	5.129	-.3028	140.0	154.2	7.755	1.494
#2	3.278	-1.522	139.4	154.7	6.864	2.086
#3	4.074	1.258	139.9	155.0	7.568	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	**4.641**	**46.06**	**490.8**	**1551.**
Stddev	.378	.14	2.0	19.
%RSD	8.143	.2981	.3996	1.229
#1	5.070	46.21	489.6	1554.
#2	4.498	46.04	489.7	1531.
#3	4.356	45.93	493.1	1569.
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	**2592.6**	**28696.**	**5056.1**
Stddev	6.1	172.	24.1
%RSD	.23433	.59973	.47585
#1	2588.9	28523.	5041.2
#2	2599.6	28867.	5043.3
#3	2589.3	28699.	5083.9

Sample Name: 460-41630-d-13-h@4 Acquired: 6/26/2012 17:46:10 Type: Unk
Method: SW84606112012(v14) 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	**47700.**	**63.94**	**-1.180**	**164.0**	**2.485**	**3166.**
Stddev	60.	2.01	.564	.4	.046	16.
%RSD	.1248	3.141	47.82	.2554	1.861	.5030
#1	47730.	65.68	-1.570	164.1	2.456	3184.
#2	47630.	64.39	-.5327	164.3	2.461	3160.
#3	47730.	61.74	-1.436	163.5	2.539	3153.
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	**.2875**	**13.72**	**85.36**	**51.77**	**96710.**	**2442.**
Stddev	.0714	.13	1.03	3.65	358.	30.
%RSD	24.83	.9286	1.211	7.061	.3704	1.220
#1	.3592	13.78	86.23	55.95	96980.	2437.
#2	.2164	13.58	85.63	50.16	96840.	2473.
#3	.2870	13.81	84.21	49.20	96300.	2414.
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	**4756.**	**449.7**	**-64.90**	**29.40**	**98.54**	**-.7182**
Stddev	23.	1.3	1.40	.31	1.34	1.513
%RSD	.4897	.2999	2.155	1.044	1.356	210.6
#1	4778.	450.5	-64.58	29.42	99.99	1.018
#2	4759.	450.6	-63.69	29.09	97.36	-1.419
#3	4732.	448.2	-66.43	29.70	98.28	-1.754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41630-d-13-h@4 Acquired: 6/26/2012 17:46:10 Type: Unk
Method: SW84606112012(v14) 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	**2.740**	**-.2495**	**142.4**	**126.2**	**9.120**	**1.492**
Stddev	2.909	2.387	.6	.5	.730	.138
%RSD	106.1	956.9	.3875	.3583	8.008	9.241
#1	1.668	-1.035	142.9	126.3	9.430	1.639
#2	6.033	-2.145	142.3	126.5	9.645	1.471
#3	.5201	2.432	141.8	125.7	8.286	1.366
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	**5.891**	**31.01**	**539.2**	**1401.**
Stddev	.595	.16	1.6	15.
%RSD	10.10	.5274	.2888	1.061
#1	5.687	31.14	538.5	1394.
#2	6.561	30.83	541.0	1390.
#3	5.425	31.05	538.1	1418.
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	**2640.9**	**29262.**	**5164.2**
Stddev	1.0	147.	20.8
%RSD	.03852	.50330	.40356
#1	2640.9	29169.	5140.6
#2	2642.0	29185.	5171.7
#3	2639.9	29432.	5180.3

Sample Name: 460-41635-e-1-a@4 Acquired: 6/26/2012 17:49:46 Type: Unk
Method: SW84606112012(v14) 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	**44510.**	**8.288**	**.1679**	**203.7**	**1.292**	**8972.**
Stddev	38.	1.171	.1750	.0	.215	20.
%RSD	.0854	14.13	104.2	.0146	16.62	.2282
#1	44480.	7.274	.2600	203.7	1.528	8950.
#2	44500.	8.021	.2776	203.7	1.108	8989.
#3	44560.	9.570	-.0339	203.6	1.240	8978.
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	**.3878**	**56.46**	**147.6**	**134.3**	**95910.**	**1214.**
Stddev	.1533	.21	.6	3.6	79.	35.
%RSD	39.53	.3686	.4095	2.685	.0821	2.882
#1	.2341	56.32	147.3	131.9	95950.	1253.
#2	.5407	56.70	147.3	138.4	95970.	1187.
#3	.3887	56.35	148.3	132.5	95820.	1200.
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	**14210.**	**2555.**	**421.8**	**72.04**	**32.33**	**-1.176**
Stddev	1.	3.	10.1	.64	.68	1.928
%RSD	.0082	.1171	2.392	.8856	2.106	164.0
#1	14210.	2556.	413.0	71.62	32.78	-2.644
#2	14220.	2557.	419.6	72.78	32.67	-1.892
#3	14210.	2551.	432.8	71.73	31.55	1.008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41635-e-1-a@4 Acquired: 6/26/2012 17:49:46 Type: Unk
Method: SW84606112012(v14) 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	**2.242**	**-.9710**	**180.9**	**117.3**	**11.96**	**-.3661**
Stddev	1.374	.1927	.8	.1	.46	.1851
%RSD	61.31	19.84	.4419	.1065	3.860	50.57
#1	3.588	-.8596	181.5	117.4	11.64	-.3981
#2	2.296	-1.193	180.0	117.2	12.49	-.5331
#3	.8409	-.8599	181.3	117.4	11.75	-.1670
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	**1.511**	**48.07**	**3055.**	**1210.**
Stddev	.778	.08	4.	25.
%RSD	51.48	.1700	.1392	2.027
#1	2.337	47.99	3059.	1182.
#2	1.402	48.08	3051.	1223.
#3	.7932	48.15	3056.	1226.
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	**2568.3**	**28591.**	**5006.4**
Stddev	3.4	60.	7.0
%RSD	.13068	.21122	.14062
#1	2572.1	28564.	5004.7
#2	2567.2	28660.	5014.1
#3	2565.6	28548.	5000.3

Sample Name: 460-41636-e-1-b@4 Acquired: 6/26/2012 17:53:20 Type: Unk
Method: SW84606112012(v14) 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	**29190.**	**52.10**	**.1989**	**137.6**	**2.029**	**33610.**
Stddev	80.	3.70	.3438	.2	.084	31.
%RSD	.2742	7.101	172.8	.1097	4.155	.0936
#1	29120.	49.96	.0593	137.7	2.101	33610.
#2	29180.	49.96	-.0530	137.5	1.936	33640.
#3	29280.	56.37	.5905	137.4	2.050	33580.
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	**.4068**	**11.33**	**70.40**	**53.59**	**80070.**	**3159.**
Stddev	.0680	.40	.19	2.11	214.	21.
%RSD	16.72	3.555	.2704	3.943	.2669	.6646
#1	.3680	10.93	70.19	55.52	79830.	3151.
#2	.3671	11.74	70.56	53.91	80210.	3183.
#3	.4853	11.32	70.44	51.33	80180.	3143.
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	**4069.**	**472.7**	**172.6**	**21.52**	**67.17**	**-2.335**
Stddev	14.	.5	10.8	.40	.92	2.514
%RSD	.3399	.1073	6.257	1.852	1.365	107.7
#1	4055.	472.2	161.3	21.95	67.02	-1.528
#2	4069.	473.2	173.7	21.16	68.16	-.3243
#3	4083.	472.6	182.9	21.45	66.34	-5.154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41636-e-1-b@4 Acquired: 6/26/2012 17:53:20 Type: Unk
Method: SW84606112012(v14) 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	**4.666**	**-1.825**	**155.5**	**152.0**	**16.64**	**1.589**
Stddev	2.339	1.124	.1	.3	.14	.317
%RSD	50.12	61.60	.0608	.1707	.8568	19.96
#1	2.191	-2.942	155.6	152.2	16.66	1.523
#2	6.840	-1.841	155.6	151.7	16.76	1.310
#3	4.968	-.6934	155.4	152.2	16.48	1.934
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	**8.965**	**58.45**	**482.9**	**1556.**
Stddev	.154	.32	2.6	16.
%RSD	1.716	.5393	.5384	.9989
#1	8.887	58.57	484.2	1539.
#2	9.142	58.69	479.9	1560.
#3	8.865	58.09	484.6	1569.
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	**2607.7**	**28925.**	**5104.2**
Stddev	2.2	120.	16.5
%RSD	.08519	.41361	.32286
#1	2609.6	28974.	5089.2
#2	2605.2	28789.	5121.8
#3	2608.3	29013.	5101.7

Sample Name: 460-41636-e-2-b@4 Acquired: 6/26/2012 17:56:57 Type: Unk
Method: SW84606112012(v14) 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	**27510.**	**46.91**	**-.0618**	**126.7**	**1.854**	**36770.**
Stddev	26.	1.04	.3419	.5	.096	125.
%RSD	.0928	2.216	553.4	.4121	5.162	.3402
#1	27480.	47.90	-.2423	127.1	1.746	36630.
#2	27520.	45.82	-.2755	127.0	1.928	36820.
#3	27530.	47.00	.3326	126.1	1.887	36870.
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	**.3609**	**11.21**	**66.30**	**48.36**	**72400.**	**3092.**
Stddev	.0418	.02	.69	2.13	204.	23.
%RSD	11.59	.1978	1.035	4.415	.2816	.7405
#1	.3436	11.21	66.40	48.09	72420.	3093.
#2	.3306	11.18	66.92	46.37	72590.	3114.
#3	.4087	11.23	65.56	50.62	72190.	3068.
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	**3859.**	**455.6**	**138.0**	**20.22**	**64.04**	**.5838**
Stddev	21.	.7	5.2	.27	.04	1.515
%RSD	.5332	.1534	3.751	1.334	.0602	259.5
#1	3849.	455.5	139.4	20.08	64.02	-.4952
#2	3882.	456.3	142.3	20.05	64.01	2.316
#3	3845.	454.9	132.2	20.53	64.08	-.0689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41636-e-2-b@4 Acquired: 6/26/2012 17:56:57 Type: Unk
Method: SW84606112012(v14) 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	**1.956**	**-1.061**	**136.9**	**155.5**	**15.11**	**1.587**
Stddev	.659	.776	.6	.4	.17	.234
%RSD	33.67	73.12	.4482	.2708	1.123	14.73
#1	2.666	-.7509	137.1	155.1	15.22	1.665
#2	1.366	-1.944	137.4	155.9	14.91	1.772
#3	1.837	-.4881	136.2	155.4	15.19	1.324
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	**7.316**	**57.09**	**467.4**	**1513.**
Stddev	.864	.21	1.0	15.
%RSD	11.82	.3634	.2068	1.004
#1	6.460	57.04	467.2	1501.
#2	7.300	56.91	466.6	1507.
#3	8.188	57.32	468.5	1530.
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	**2592.2**	**28781.**	**5080.7**
Stddev	2.9	164.	27.1
%RSD	.11269	.56818	.53416
#1	2594.6	28743.	5110.8
#2	2588.9	28640.	5058.1
#3	2593.0	28960.	5073.3

Sample Name: 460-41323-d-5-b@4 Acquired: 6/26/2012 18:00:34 Type: Unk
Method: SW84606112012(v14) 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	**18850.**	**3.469**	**-.2564**	**96.60**	**.9494**	**1353.**
Stddev	51.	.657	.5065	.40	.0825	23.
%RSD	.2713	18.95	197.6	.4111	8.686	1.708
#1	18810.	2.819	-.3929	96.71	.9432	1354.
#2	18900.	4.133	.3044	96.92	1.035	1376.
#3	18820.	3.454	-.6806	96.15	.8702	1329.
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	**.1044**	**16.97**	**40.95**	**13.90**	**42700.**	**2242.**
Stddev	.0790	.18	.62	5.32	14.	11.
%RSD	75.65	1.069	1.505	38.27	.0317	.5123
#1	.0458	16.77	41.51	13.01	42710.	2251.
#2	.0732	17.00	41.03	19.61	42700.	2246.
#3	.1943	17.13	40.29	9.081	42690.	2229.
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	**8009.**	**473.7**	**43.16**	**36.09**	**41.47**	**-.9030**
Stddev	11.	.3	19.38	.46	1.12	3.020
%RSD	.1349	.0649	44.90	1.283	2.687	334.4
#1	8018.	473.9	54.75	36.62	42.68	-3.595
#2	8012.	473.4	20.79	35.77	41.25	-1.477
#3	7997.	473.9	53.94	35.88	40.48	2.363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41323-d-5-b@4 Acquired: 6/26/2012 18:00:34 Type: Unk
Method: SW84606112012(v14) 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	**1.020**	**.1565**	**43.28**	**124.4**	**16.92**	**.4656**
Stddev	1.932	1.816	.09	.5	.61	.2510
%RSD	189.5	1160.	.2194	.3830	3.629	53.90
#1	-.9845	-.5318	43.38	124.9	17.35	.3272
#2	2.871	-1.214	43.19	124.4	16.21	.3143
#3	1.173	2.216	43.26	124.0	17.19	.7553
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	**3.191**	**24.77**	**475.6**	**1044.**
Stddev	.621	.18	.2	20.
%RSD	19.45	.7205	.0374	1.941
#1	3.051	24.71	475.5	1059.
#2	2.653	24.97	475.8	1052.
#3	3.870	24.62	475.4	1021.
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	**2532.8**	**28222.**	**4919.9**
Stddev	9.7	153.	13.4
%RSD	.38222	.54232	.27278
#1	2522.4	28045.	4935.4
#2	2541.5	28306.	4912.5
#3	2534.5	28314.	4911.9

Sample Name: CCV Acquired: 6/26/2012 18:04:13 Type: QC
Method: SW84606112012(v14) 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	**124400.**	**2464.**	**1230.**	**10020.**	**997.0**	**126500.**
Stddev	275.	14.	2.	9.	3.3	349.
%RSD	.2212	.5521	.1711	.0897	.3289	.2756
#1	124200.	2450.	1228.	10020.	993.3	126200.
#2	124700.	2477.	1232.	10020.	999.6	126900.
#3	124300.	2466.	1230.	10010.	998.0	126500.
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	**1254.**	**2479.**	**4972.**	**12530.**	**99280.**	**49210.**
Stddev	.	3.	8.	17.	99.	91.
%RSD	.0251	.1010	.1565	.1325	.0993	.1856
#1	1254.	2480.	4975.	12520.	99220.	49100.
#2	1254.	2480.	4977.	12540.	99210.	49270.
#3	1254.	2476.	4963.	12550.	99390.	49240.
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.**	**5073.**	**124900.**	**2505.**	**7539.**	**1001.**
Stddev	72.	7.	225.	2.	2.	1.
%RSD	.0592	.1382	.1800	.0903	.0331	.1192
#1	121800.	5066.	124900.	2507.	7539.	1000.
#2	121900.	5074.	125100.	2505.	7542.	1002.
#3	121800.	5080.	124700.	2502.	7537.	1002.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 18:04:13 Type: QC
Method: SW84606112012(v14) 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	**2414.**	**2539.**	**2463.**	**2476.**	**1003.**	**2508.**
Stddev	9.	9.	1.	2.	1.	3.
%RSD	.3903	.3589	.0575	.0757	.0971	.1145
#1	2407.	2546.	2462.	2477.	1004.	2508.
#2	2411.	2542.	2464.	2477.	1002.	2510.
#3	2425.	2529.	2464.	2474.	1003.	2504.
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	**995.5**	**5044.**	**10010.**	**9964.**
Stddev	2.9	10.	32.	27.
%RSD	.2872	.1888	.3210	.2663
#1	997.5	5034.	9980.	9936.
#2	996.7	5053.	10040.	9988.
#3	992.2	5045.	9995.	9968.
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	**2325.7**	**25961.**	**4694.6**
Stddev	7.7	15.	18.0
%RSD	.33206	.05792	.38252
#1	2326.7	25953.	4699.4
#2	2317.5	25979.	4674.8
#3	2332.9	25952.	4709.8

Sample Name: CCB Acquired: 6/26/2012 18:07:32 Type: QC
Method: SW84606112012(v14) 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	**39.31**	**-1.645**	**-.0564**	**.5867**	**-.0261**	**32.18**
Stddev	35.43	1.264	.6989	.5187	.0916	15.03
%RSD	90.13	76.84	1240.	88.41	350.8	46.70
#1	79.57	-2.567	.2723	1.184	.0516	43.61
#2	25.49	-2.166	-.8590	.3210	-.0029	37.75
#3	12.87	-.2041	.4176	.2546	-.1271	15.16
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	**.0918**	**-.1918**	**.5454**	**2.647**	**14.12**	**100.9**
Stddev	.1082	.2324	.6214	2.248	16.14	45.7
%RSD	117.9	121.1	113.9	84.93	114.3	45.26
#1	.2144	-.3198	1.254	4.005	26.93	150.9
#2	.0098	.0764	.0948	3.884	19.44	61.28
#3	.0511	-.3321	.2871	.0520	-4.007	90.60
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	**13.14**	**.4428**	**-51.75**	**.2699**	**.6018**	**1.489**
Stddev	15.32	.4711	41.27	.1517	.3181	.958
%RSD	116.6	106.4	79.74	56.21	52.86	64.33
#1	30.65	.9867	-4.184	.1804	.9536	2.296
#2	2.194	.1831	-78.00	.4451	.3344	1.740
#3	6.585	.1587	-73.06	.1842	.5173	.4303
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 18:07:32 Type: QC
Method: SW84606112012(v14) 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	**3.793**	**-.8269**	**.1616**	**.2332**	**.2928**	**2.887**
Stddev	2.253	2.325	.3087	.1886	.9693	.528
%RSD	59.39	281.2	191.0	80.88	331.1	18.30
#1	1.861	-3.243	.5043	.4493	1.217	3.496
#2	3.250	1.396	-.0948	.1025	.3778	2.605
#3	6.267	-.6334	.0753	.1476	-.7162	2.559
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	**1.501**	**.6919**	**2.644**	**-6.029**
Stddev	.631	.8627	.990	10.90
%RSD	42.01	124.7	37.43	180.8
#1	1.833	1.657	3.752	6.522
#2	1.898	.4216	1.848	-13.14
#3	.7740	-.0032	2.333	-11.46
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	**2493.5**	**27834.**	**4816.2**
Stddev	10.2	56.	6.0
%RSD	.40749	.19974	.12517
#1	2497.7	27770.	4810.9
#2	2500.8	27865.	4822.8
#3	2481.9	27868.	4815.0

Sample Name: 460-41626-f-1-j@4 Acquired: 6/26/2012 18:11:19 Type: Unk
Method: SW84606112012(v14) 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	**55910.**	**2.156**	**-.3371**	**73.39**	**.1553**	**45930.**
Stddev	170.	1.344	.6304	.46	.1466	265.
%RSD	.3043	62.34	187.0	.6316	94.37	.5763
#1	55720.	.9449	-1.051	73.87	.0534	45630.
#2	56010.	1.921	.1446	72.95	.0893	46100.
#3	56010.	3.602	-.1055	73.35	.3233	46080.
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	**.5638**	**33.05**	**105.8**	**304.8**	**54050.**	**2809.**
Stddev	.1189	.30	.3	3.3	58.	31.
%RSD	21.09	.9173	.3146	1.072	.1066	1.111
#1	.4685	33.35	106.2	301.9	53990.	2819.
#2	.6970	32.74	105.6	308.4	54090.	2834.
#3	.5258	33.06	105.6	304.2	54080.	2774.
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	**24110.**	**536.2**	**6294.**	**77.08**	**94.03**	**.6913**
Stddev	30.	.8	14.	.28	1.99	1.415
%RSD	.1257	.1552	.2280	.3628	2.118	204.7
#1	24080.	535.2	6281.	77.39	92.27	1.580
#2	24110.	536.7	6293.	77.01	96.19	-.9409
#3	24140.	536.7	6309.	76.85	93.64	1.435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41626-f-1-j@4 Acquired: 6/26/2012 18:11:19 Type: Unk
Method: SW84606112012(v14) 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	**-.0549**	**-1.558**	**151.4**	**99.67**	**129.8**	**.4247**
Stddev	1.109	1.764	.3	.44	.9	.1205
%RSD	2018.	113.2	.1779	.4370	.7108	28.37
#1	-1.217	-3.132	151.1	100.1	129.0	.4473
#2	.0610	.3478	151.5	99.20	129.8	.2945
#3	.9912	-1.890	151.6	99.74	130.8	.5322
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	**1.634**	**133.4**	**1917.**	**1129.**
Stddev	.310	.1	6.	30.
%RSD	18.97	.0407	.3114	2.697
#1	1.303	133.4	1912.	1164.
#2	1.683	133.4	1923.	1109.
#3	1.917	133.3	1916.	1114.
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	**2498.1**	**27832.**	**4894.6**
Stddev	5.7	107.	21.8
%RSD	.22918	.38340	.44484
#1	2491.5	27765.	4919.2
#2	2501.9	27955.	4877.9
#3	2501.0	27776.	4886.6

Sample Name: 460-41628-g-1-b@4 Acquired: 6/26/2012 18:14:53 Type: Unk
Method: SW84606112012(v14) 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	**40600.**	**11.69**	**-.5360**	**172.2**	**1.587**	**11770.**
Stddev	18.	.74	.2273	.5	.041	18.
%RSD	.0434	6.294	42.41	.2756	2.597	.1488
#1	40600.	10.88	-.2750	172.5	1.560	11770.
#2	40580.	11.87	-.6905	172.5	1.635	11760.
#3	40620.	12.32	-.6425	171.7	1.567	11790.
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	**.6439**	**27.47**	**72.58**	**74.88**	**63800.**	**1543.**
Stddev	.1017	.10	.10	1.72	138.	107.
%RSD	15.79	.3571	.1385	2.292	.2170	6.949
#1	.5265	27.57	72.58	75.61	63860.	1516.
#2	.7026	27.37	72.48	76.12	63900.	1661.
#3	.7027	27.46	72.69	72.92	63640.	1452.
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	**8428.**	**575.3**	**167.9**	**48.99**	**102.3**	**-.4192**
Stddev	30.	1.6	20.3	.45	1.4	1.109
%RSD	.3555	.2830	12.10	.9213	1.372	264.6
#1	8443.	575.7	179.1	49.26	103.7	-1.666
#2	8448.	576.8	144.5	48.47	100.9	.4599
#3	8394.	573.6	180.1	49.24	102.2	-.0519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-g-1-b@4 Acquired: 6/26/2012 18:14:53 Type: Unk
Method: SW84606112012(v14) 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	**3.893**	**-2.989**	**153.4**	**173.4**	**12.26**	**1.199**
Stddev	1.837	1.298	.2	.5	.37	.187
%RSD	47.19	43.43	.1136	.2905	3.015	15.59
#1	6.006	-4.487	153.6	173.9	12.69	1.034
#2	3.004	-2.193	153.4	173.4	12.06	1.162
#3	2.670	-2.287	153.3	172.9	12.03	1.402
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	**6.386**	**51.02**	**1160.**	**1367.**
Stddev	.965	.18	4.	15.
%RSD	15.11	.3613	.3045	1.100
#1	5.693	51.16	1164.	1382.
#2	7.488	50.81	1159.	1366.
#3	5.977	51.10	1158.	1352.
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	**2594.0**	**28896.**	**5025.3**
Stddev	3.4	116.	13.4
%RSD	.13023	.40070	.26576
#1	2590.2	28766.	5035.2
#2	2594.8	28935.	5030.6
#3	2596.8	28988.	5010.1

Sample Name: 460-41628-f-2-b@4 Acquired: 6/26/2012 18:18:29 Type: Unk
Method: SW84606112012(v14) 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	**42330.**	**30.98**	**.8011**	**237.7**	**1.641**	**24940.**
Stddev	41.	1.64	.4427	.3	.131	15.
%RSD	.0964	5.305	55.27	.1468	7.982	.0607
#1	42380.	30.52	1.310	237.5	1.489	24930.
#2	42310.	29.62	.5883	238.1	1.711	24950.
#3	42310.	32.81	.5050	237.7	1.721	24960.
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	**1.918**	**36.94**	**90.90**	**281.6**	**89410.**	**3347.**
Stddev	.104	.14	.24	3.6	85.	31.
%RSD	5.398	.3923	.2682	1.278	.0947	.9399
#1	1.928	36.83	91.04	283.8	89320.	3350.
#2	1.811	36.89	90.62	283.6	89450.	3377.
#3	2.017	37.11	91.04	277.5	89470.	3314.
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	**18000.**	**1679.**	**337.1**	**77.79**	**361.0**	**-.8822**
Stddev	52.	1.	4.1	.28	2.0	2.474
%RSD	.2886	.0647	1.224	.3656	.5580	280.4
#1	17950.	1679.	332.7	77.96	363.1	1.067
#2	18000.	1680.	337.8	77.93	359.1	-3.665
#3	18050.	1678.	340.8	77.46	360.6	-.0480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-f-2-b@4 Acquired: 6/26/2012 18:18:29 Type: Unk
Method: SW84606112012(v14) 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	**1.436**	**-.3116**	**203.0**	**413.1**	**14.59**	**1.879**
Stddev	3.118	1.340	.7	.2	.46	.148
%RSD	217.2	430.1	.3314	.0536	3.174	7.897
#1	4.440	-1.806	203.7	413.4	14.35	2.041
#2	1.652	.0881	202.7	413.0	15.12	1.749
#3	-1.785	.7832	202.5	413.0	14.29	1.847
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	**16.89**	**97.93**	**1832.**	**1357.**
Stddev	.37	.12	3.	15.
%RSD	2.201	.1257	.1648	1.088
#1	16.87	97.80	1835.	1363.
#2	17.27	97.94	1830.	1367.
#3	16.53	98.04	1830.	1340.
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	**2592.2**	**28963.**	**5075.4**
Stddev	6.9	62.	17.8
%RSD	.26636	.21319	.35130
#1	2586.5	28930.	5062.1
#2	2590.1	29034.	5095.7
#3	2599.9	28924.	5068.5

Sample Name: 460-41628-g-3-b@4 Acquired: 6/26/2012 18:22:02 Type: Unk
Method: SW84606112012(v14) 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	**52760.**	**38.24**	**-1.511**	**316.5**	**3.043**	**14180.**
Stddev	113.	3.24	.323	.7	.029	37.
%RSD	.2145	8.461	21.34	.2187	.9443	.2618
#1	52630.	40.72	-1.332	316.2	3.057	14140.
#2	52800.	39.43	-1.318	317.2	3.062	14180.
#3	52840.	34.58	-1.883	315.9	3.010	14220.
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	**1.225**	**52.52**	**127.1**	**89.15**	**138100.**	**1552.**
Stddev	.067	.28	.2	2.28	114.	63.
%RSD	5.426	.5412	.1206	2.554	.0824	4.037
#1	1.287	52.84	127.2	86.95	138000.	1541.
#2	1.235	52.35	127.1	89.01	138200.	1619.
#3	1.155	52.36	126.9	91.50	138000.	1495.
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	**9772.**	**3235.**	**118.8**	**61.66**	**92.70**	**-1.799**
Stddev	26.	1.	5.1	.11	.04	2.531
%RSD	.2622	.0439	4.273	.1729	.0434	140.7
#1	9761.	3236.	113.0	61.78	92.70	.6369
#2	9802.	3236.	121.0	61.58	92.66	-1.619
#3	9754.	3233.	122.4	61.62	92.74	-4.415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-g-3-b@4 Acquired: 6/26/2012 18:22:02 Type: Unk
Method: SW84606112012(v14) 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	**4.455**	**-3.037**	**334.1**	**208.9**	**11.67**	**3.343**
Stddev	2.431	1.105	.4	.6	.29	.206
%RSD	54.56	36.39	.1084	.2882	2.515	6.153
#1	4.317	-4.142	334.0	208.9	11.96	3.458
#2	6.952	-3.036	333.9	209.5	11.37	3.465
#3	2.096	-1.932	334.5	208.3	11.67	3.106
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	**5.881**	**80.38**	**1332.**	**1507.**
Stddev	1.321	.11	3.	10.
%RSD	22.46	.1409	.2320	.6489
#1	7.114	80.50	1332.	1517.
#2	6.042	80.29	1336.	1498.
#3	4.488	80.34	1330.	1507.
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	**2700.0**	**29879.**	**5280.1**
Stddev	5.0	66.	3.3
%RSD	.18505	.22150	.06266
#1	2695.2	29830.	5278.6
#2	2699.6	29852.	5283.8
#3	2705.2	29954.	5277.7

Sample Name: 460-41628-g-4-b@4 Acquired: 6/26/2012 18:25:35 Type: Unk
Method: SW84606112012(v14) 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	**50400.**	**12.33**	**-.7007**	**185.5**	**1.385**	**11550.**
Stddev	108.	1.05	.1023	.5	.100	14.
%RSD	.2145	8.496	14.60	.2442	7.236	.1178
#1	50320.	13.36	-.6597	185.6	1.466	11530.
#2	50370.	11.26	-.8172	185.9	1.273	11560.
#3	50520.	12.36	-.6252	185.0	1.416	11550.
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	**.6193**	**48.29**	**108.6**	**93.64**	**107600.**	**2069.**
Stddev	.1524	.09	.1	2.12	53.	45.
%RSD	24.60	.1782	.0559	2.265	.0490	2.187
#1	.7334	48.19	108.6	91.31	107600.	2026.
#2	.4463	48.30	108.7	94.17	107600.	2116.
#3	.6783	48.36	108.7	95.45	107500.	2065.
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	**17130.**	**2024.**	**463.5**	**75.81**	**65.49**	**-.3766**
Stddev	34.	.	5.1	.39	1.13	1.617
%RSD	.2010	.0223	1.100	.5153	1.717	429.4
#1	17140.	2025.	463.4	75.36	64.50	-1.061
#2	17160.	2024.	458.5	76.00	65.27	1.470
#3	17100.	2024.	468.7	76.06	66.71	-1.539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-g-4-b@4 Acquired: 6/26/2012 18:25:35 Type: Unk
Method: SW84606112012(v14) 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	**-.0870**	**-3.000**	**230.4**	**180.0**	**13.88**	**.0914**
Stddev	2.250	1.868	.5	.3	.73	.0630
%RSD	2587.	62.26	.2277	.1474	5.234	68.89
#1	-1.378	-4.972	231.0	180.1	14.65	.1585
#2	-1.393	-2.770	230.2	179.6	13.79	.0822
#3	2.511	-1.257	230.1	180.1	13.20	.0335
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	**3.615**	**55.40**	**2916.**	**1227.**
Stddev	.503	.25	2.	7.
%RSD	13.93	.4566	.0668	.5979
#1	3.091	55.54	2914.	1218.
#2	4.095	55.11	2918.	1231.
#3	3.658	55.56	2917.	1231.
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	**2619.8**	**29210.**	**5154.3**
Stddev	5.3	69.	15.9
%RSD	.20205	.23656	.30917
#1	2619.8	29134.	5159.4
#2	2625.1	29225.	5167.0
#3	2614.5	29270.	5136.4

Sample Name: 460-41628-f-5-b@4 Acquired: 6/26/2012 18:29:09 Type: Unk
Method: SW84606112012(v14) 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	**43910.**	**8.445**	**-.3615**	**145.7**	**1.088**	**12900.**
Stddev	91.	2.822	.2878	.3	.057	14.
%RSD	.2078	33.42	79.60	.1897	5.248	.1110
#1	43810.	5.859	-.6392	145.8	1.025	12890.
#2	43940.	8.021	-.3807	145.9	1.104	12920.
#3	43990.	11.45	-.0646	145.4	1.136	12900.
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	**.5293**	**47.16**	**91.46**	**96.67**	**100100.**	**1902.**
Stddev	.0635	.20	.64	1.33	106.	40.
%RSD	11.99	.4273	.6965	1.372	.1057	2.103
#1	.6007	46.93	91.14	95.85	99970.	1858.
#2	.4793	47.26	92.19	98.20	100200.	1936.
#3	.5079	47.30	91.04	95.96	100000.	1911.
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	**16800.**	**1857.**	**613.2**	**65.58**	**40.91**	**1.385**
Stddev	16.	1.	7.3	.51	1.43	1.230
%RSD	.0932	.0680	1.182	.7828	3.505	88.79
#1	16780.	1856.	610.1	65.74	40.15	.4809
#2	16810.	1856.	621.5	65.00	40.02	.8887
#3	16810.	1859.	608.1	65.98	42.57	2.785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-f-5-b@4 Acquired: 6/26/2012 18:29:09 Type: Unk
Method: SW84606112012(v14) 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	**1.452**	**-1.284**	**199.4**	**162.8**	**12.25**	**-.2349**
Stddev	.281	1.161	.6	.2	.14	.1640
%RSD	19.39	90.39	.2910	.0995	1.119	69.83
#1	1.396	-1.185	198.8	162.9	12.10	-.3660
#2	1.757	-.1758	199.9	162.6	12.34	-.0510
#3	1.202	-2.491	199.4	162.9	12.33	-.2877
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	**3.096**	**46.64**	**3023.**	**1125.**
Stddev	.691	.20	8.	20.
%RSD	22.32	.4303	.2677	1.810
#1	2.512	46.83	3019.	1102.
#2	2.917	46.66	3032.	1129.
#3	3.860	46.43	3018.	1142.
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	**2593.3**	**29019.**	**5047.0**
Stddev	2.4	84.	6.1
%RSD	.09434	.29051	.11992
#1	2596.1	29001.	5052.8
#2	2591.9	28945.	5040.7
#3	2591.9	29111.	5047.7

Sample Name: 460-41628-f-6-d@4 Acquired: 6/26/2012 18:32:43 Type: Unk
Method: SW84606112012(v14) 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	**37760.**	**11.79**	**-.2569**	**148.9**	**1.211**	**14430.**
Stddev	296.	1.11	.6195	1.2	.153	127.
%RSD	.7841	9.370	241.1	.7755	12.63	.8813
#1	37550.	10.60	.3525	147.8	1.058	14330.
#2	37640.	12.78	-.2373	148.7	1.210	14390.
#3	38100.	12.01	-.8859	150.1	1.363	14570.
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	**.5580**	**41.73**	**87.95**	**95.22**	**94910.**	**1770.**
Stddev	.0543	.27	1.22	3.61	709.	40.
%RSD	9.728	.6412	1.385	3.789	.7466	2.277
#1	.5087	41.43	87.19	92.31	94390.	1723.
#2	.6161	41.83	87.31	94.11	94630.	1790.
#3	.5491	41.94	89.36	99.26	95720.	1796.
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	**15840.**	**1752.**	**600.8**	**66.17**	**46.47**	**.3510**
Stddev	125.	14.	12.4	.63	.37	1.967
%RSD	.7908	.7812	2.069	.9458	.8032	560.5
#1	15770.	1741.	605.0	65.55	46.22	1.496
#2	15770.	1748.	586.8	66.17	46.29	1.477
#3	15990.	1768.	610.5	66.80	46.90	-1.921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-f-6-d@4 Acquired: 6/26/2012 18:32:43 Type: Unk
Method: SW84606112012(v14) 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	**1.379**	**-2.800**	**203.8**	**156.8**	**13.15**	**.1376**
Stddev	2.274	1.680	2.3	1.5	.28	.1794
%RSD	164.8	59.99	1.111	.9287	2.134	130.4
#1	3.171	-2.536	201.8	155.7	12.90	.3446
#2	-1.179	-4.596	203.2	156.3	13.09	.0265
#3	2.145	-1.268	206.2	158.5	13.45	.0417
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	**2.876**	**53.75**	**2734.**	**1125.**
Stddev	1.487	.27	24.	27.
%RSD	51.71	.5081	.8942	2.442
#1	2.929	53.55	2719.	1095.
#2	4.335	53.65	2722.	1148.
#3	1.363	54.06	2762.	1133.
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	**2600.4**	**29076.**	**5049.0**
Stddev	4.1	82.	22.7
%RSD	.15830	.28295	.44908
#1	2599.1	29005.	5027.9
#2	2605.0	29166.	5072.9
#3	2597.1	29056.	5046.2

Sample Name: 460-41628-f-7-b@4 Acquired: 6/26/2012 18:36:19 Type: Unk
Method: SW84606112012(v14) 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	**29750.**	**6.594**	**-.8269**	**135.3**	**.6491**	**12930.**
Stddev	150.	1.723	.6872	.1	.0838	45.
%RSD	.5034	26.13	83.10	.0598	12.90	.3460
#1	29920.	7.795	-1.604	135.4	.6853	12950.
#2	29670.	4.619	-.2980	135.4	.7088	12960.
#3	29660.	7.367	-.5791	135.2	.5534	12880.
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	**.3022**	**31.65**	**54.60**	**79.09**	**73970.**	**1731.**
Stddev	.0993	.23	.40	.99	114.	33.
%RSD	32.86	.7209	.7262	1.249	.1534	1.926
#1	.3893	31.89	55.03	78.02	73860.	1708.
#2	.3232	31.44	54.52	79.27	73950.	1769.
#3	.1940	31.62	54.24	79.97	74090.	1716.
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	**12880.**	**1184.**	**1281.**	**54.43**	**21.45**	**-.2879**
Stddev	33.	2.	10.	.18	.92	2.010
%RSD	.2575	.1599	.7939	.3383	4.292	698.1
#1	12850.	1182.	1285.	54.57	20.48	.0209
#2	12880.	1185.	1288.	54.22	22.31	-2.434
#3	12920.	1185.	1269.	54.51	21.58	1.549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41628-f-7-b@4 Acquired: 6/26/2012 18:36:19 Type: Unk
Method: SW84606112012(v14) 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	**.8560**	**-.8599**	**146.3**	**113.5**	**12.92**	**.1714**
Stddev	2.198	2.054	.4	.5	.34	.1231
%RSD	256.8	238.9	.2619	.4420	2.615	71.82
#1	-.2042	-1.413	146.0	113.9	12.60	.1175
#2	3.383	1.414	146.1	113.5	13.28	.3123
#3	-.6110	-2.581	146.7	112.9	12.87	.0845
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	**1.529**	**40.72**	**2466.**	**914.4**
Stddev	1.134	.10	10.	3.6
%RSD	74.17	.2449	.3986	.3888
#1	.2197	40.70	2476.	910.4
#2	2.166	40.82	2467.	916.9
#3	2.202	40.63	2456.	916.0
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	**2577.4**	**28836.**	**4995.8**
Stddev	7.9	84.	44.2
%RSD	.30774	.29091	.88377
#1	2568.3	28743.	4945.0
#2	2581.9	28860.	5016.8
#3	2582.1	28905.	5025.4

Sample Name: 460-40659-b-1-d@4 Acquired: 6/26/2012 18:39:56 Type: Unk
Method: SW84606112012(v14) 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	**49780.**	**12.78**	**-1.041**	**138.7**	**1.865**	**6613.**
Stddev	150.	.77	.269	.4	.055	34.
%RSD	.3006	6.004	25.84	.3049	2.949	.5070
#1	49650.	13.65	-.8754	139.2	1.801	6575.
#2	49940.	12.45	-.8959	138.6	1.892	6637.
#3	49760.	12.23	-1.351	138.3	1.901	6627.
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**	**26.11**	**65.24**	**39.06**	**72480.**	**1864.**
Stddev	.0303	.23	.21	1.86	119.	24.
%RSD	20.42	.8811	.3277	4.766	.1645	1.275
#1	.1305	26.13	65.10	40.14	72540.	1850.
#2	.1836	25.87	65.12	40.14	72560.	1850.
#3	.1316	26.33	65.48	36.91	72350.	1891.
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	**7704.**	**814.4**	**1200.**	**44.67**	**51.61**	**-1.431**
Stddev	8.	.1	15.	.28	2.06	1.731
%RSD	.1057	.0141	1.282	.6298	4.001	121.0
#1	7711.	814.4	1186.	44.81	50.85	.3689
#2	7707.	814.3	1217.	44.85	53.95	-3.084
#3	7695.	814.6	1197.	44.35	50.04	-1.578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-40659-b-1-d@4 Acquired: 6/26/2012 18:39:56 Type: Unk
Method: SW84606112012(v14) 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	**.3976**	**-1.797**	**102.9**	**125.2**	**9.485**	**1.097**
Stddev	1.706	1.587	.3	.4	.286	.181
%RSD	429.2	88.31	.3100	.3062	3.020	16.52
#1	2.367	.0319	102.5	125.3	9.780	.9093
#2	-.6374	-2.809	103.0	125.5	9.208	1.271
#3	-.5368	-2.614	103.1	124.8	9.466	1.111
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	**4.701**	**56.45**	**910.8**	**1145.**
Stddev	.637	.20	2.1	8.
%RSD	13.55	.3574	.2281	.6836
#1	4.533	56.56	911.5	1145.
#2	4.164	56.56	912.4	1152.
#3	5.405	56.21	908.5	1137.
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	**2599.5**	**29006.**	**5041.7**
Stddev	3.2	61.	3.2
%RSD	.12441	.20866	.06392
#1	2599.3	28936.	5038.0
#2	2596.4	29042.	5044.1
#3	2602.9	29041.	5042.9

Sample Name: lcssrm 460-117432/2- Acquired: 6/26/2012 18:43:33 Type: QC
Method: SW84606112012(v14) 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	**34100.**	**1180.**	**233.0**	**1294.**	**477.8**	**35240.**
Stddev	16.	7.	.4	2.	.4	37.
%RSD	.0483	.6102	.1800	.1720	.0737	.1049
#1	34120.	1183.	233.5	1295.	478.0	35200.
#2	34090.	1185.	232.7	1295.	477.4	35240.
#3	34090.	1172.	232.8	1291.	478.1	35280.
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	**981.4**	**948.1**	**664.0**	**618.7**	**63380.**	**12170.**
Stddev	1.9	1.4	1.0	4.2	58.	29.
%RSD	.1952	.1480	.1453	.6860	.0908	.2415
#1	982.3	948.7	663.1	613.8	63440.	12140.
#2	982.6	949.0	663.7	621.4	63330.	12200.
#3	979.2	946.5	665.0	620.9	63360.	12170.
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	**13340.**	**1803.**	**2581.**	**626.7**	**547.2**	**921.2**
Stddev	18.	2.	7.	1.6	2.6	4.6
%RSD	.1334	.1300	.2754	.2526	.4768	.5014
#1	13360.	1806.	2573.	627.5	550.1	924.1
#2	13340.	1801.	2588.	627.7	545.0	923.7
#3	13320.	1804.	2581.	624.9	546.5	915.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-117432/2- Acquired: 6/26/2012 18:43:33 Type: QC
Method: SW84606112012(v14) 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	**541.0**	**883.4**	**607.5**	**916.7**	**594.3**	**498.8**
Stddev	3.2	5.5	.9	1.2	1.6	.4
%RSD	.5837	.6256	.1492	.1330	.2732	.0738
#1	541.9	888.3	607.7	917.2	594.0	498.9
#2	543.6	884.4	608.3	917.5	596.1	499.1
#3	537.5	877.4	606.5	915.3	593.0	498.4
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	**575.3**	**649.8**	**1070.**	**2733.**
Stddev	.9	.7	2.	25.
%RSD	.1634	.1086	.1538	.9157
#1	575.6	650.5	1071.	2759.
#2	576.1	649.1	1070.	2709.
#3	574.3	649.8	1068.	2730.
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	**2583.7**	**28754.**	**5057.0**
Stddev	.8	100.	5.5
%RSD	.03288	.34846	.10897
#1	2584.6	28695.	5060.1
#2	2583.5	28869.	5050.6
#3	2582.9	28696.	5060.2

Sample Name: CCV Acquired: 6/26/2012 18:46:59 Type: QC
Method: SW84606112012(v14) 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.**	**2467.**	**1228.**	**10030.**	**991.9**	**125500.**
Stddev	168.	3.	4.	6.	1.1	227.
%RSD	.1349	.1018	.2880	.0623	.1079	.1812
#1	124500.	2464.	1226.	10020.	991.0	125600.
#2	124300.	2469.	1232.	10020.	993.1	125600.
#3	124100.	2468.	1225.	10030.	991.6	125200.
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	**1257.**	**2485.**	**4984.**	**12430.**	**99200.**	**48970.**
Stddev	2.	3.	11.	9.	239.	23.
%RSD	.1674	.1054	.2245	.0739	.2411	.0475
#1	1255.	2484.	4981.	12430.	99210.	48970.
#2	1255.	2483.	4997.	12430.	99430.	48990.
#3	1259.	2488.	4975.	12420.	98950.	48940.
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	**122100.**	**5066.**	**124400.**	**2514.**	**7551.**	**1005.**
Stddev	149.	13.	308.	3.	7.	7.
%RSD	.1221	.2510	.2474	.1071	.0877	.6816
#1	122000.	5058.	124700.	2512.	7546.	1008.
#2	122300.	5081.	124400.	2513.	7548.	997.2
#3	122000.	5060.	124100.	2517.	7559.	1010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 18:46:59 Type: QC
Method: SW84606112012(v14) 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	**2425.**	**2551.**	**2463.**	**2479.**	**1002.**	**2509.**
Stddev	11.	7.	7.	6.	2.	3.
%RSD	.4537	.2684	.2707	.2593	.1506	.1037
#1	2413.	2554.	2465.	2474.	1001.	2506.
#2	2427.	2543.	2469.	2477.	1001.	2509.
#3	2435.	2556.	2456.	2486.	1004.	2512.
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	**996.3**	**5023.**	**9965.**	**9849.**
Stddev	3.0	5.	16.	46.
%RSD	.2970	.1011	.1613	.4710
#1	996.8	5023.	9979.	9801.
#2	993.1	5028.	9969.	9894.
#3	999.0	5018.	9947.	9852.
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	**2322.5**	**25961.**	**4673.3**
Stddev	3.8	47.	26.4
%RSD	.16214	.18164	.56461
#1	2318.8	25983.	4644.7
#2	2326.3	25907.	4696.7
#3	2322.3	25993.	4678.5

Sample Name: CCB Acquired: 6/26/2012 18:50:17 Type: QC
Method: SW84606112012(v14) 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	**26.78**	**-1.629**	**.3825**	**.5499**	**.0298**	**21.58**
Stddev	10.97	.757	.1870	.5205	.0761	26.09
%RSD	40.97	46.49	48.90	94.65	255.1	120.9
#1	37.15	-2.503	.5846	1.148	.0960	49.45
#2	27.89	-1.219	.2155	.2989	-.0534	17.55
#3	15.29	-1.165	.3474	.2025	.0469	-2.265
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	**.0697**	**-.1105**	**.5864**	**2.729**	**8.201**	**95.01**
Stddev	.1316	.1104	.6422	2.505	18.87	58.59
%RSD	188.7	99.94	109.5	91.78	230.1	61.67
#1	.1785	-.1222	1.198	5.620	29.95	146.5
#2	.1072	-.2146	.6436	1.372	-3.776	107.2
#3	-.0765	.0053	-.0825	1.196	-1.575	31.27
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	**12.08**	**.4570**	**-33.72**	**.1424**	**-.4356**	**2.093**
Stddev	10.47	.4728	38.00	.1312	2.007	.790
%RSD	86.69	103.5	112.7	92.15	460.7	37.73
#1	24.03	.9930	10.14	.1501	1.199	1.522
#2	7.767	.2793	-54.82	.0075	-2.675	1.762
#3	4.456	.0989	-56.48	.2695	.1698	2.994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 18:50:17 Type: QC
Method: SW84606112012(v14) 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	**3.377**	**.7077**	**-.0213**	**.3988**	**.3555**	**3.132**
Stddev	2.061	2.110	.0438	.1220	1.145	.354
%RSD	61.03	298.2	205.5	30.58	322.2	11.31
#1	4.351	1.922	-.0575	.5116	1.142	3.494
#2	4.771	1.931	-.0337	.4154	.8833	3.117
#3	1.010	-1.729	.0273	.2694	-.9587	2.785
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	**.9930**	**.6004**	**2.456**	**2.521**
Stddev	.4284	.6790	.263	20.81
%RSD	43.14	113.1	10.71	825.6
#1	1.396	1.384	2.225	-17.85
#2	1.039	.1823	2.399	23.74
#3	.5433	.2351	2.742	1.673
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	**2507.1**	**27957.**	**4800.2**
Stddev	4.0	36.	14.7
%RSD	.16015	.13019	.30674
#1	2503.8	27981.	4795.1
#2	2511.6	27975.	4788.7
#3	2506.1	27916.	4816.8

Sample Name: mb 460-117432/1-a@2 Acquired: 6/26/2012 18:54:03 Type: QC
Method: SW84606112012(v14) 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	**32.66**	**-.6810**	**-.0713**	**.0345**	**-.0470**	**54.52**
Stddev	40.18	2.167	.4752	.0582	.1338	16.73
%RSD	123.0	318.3	666.1	168.6	284.4	30.68
#1	17.54	-3.165	.4772	-.0048	-.1985	66.78
#2	2.225	.8286	-.3322	.0069	.0025	61.33
#3	78.21	.2929	-.3591	.1014	.0549	35.46
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	**-.0841**	**-.3845**	**.3786**	**3.922**	**3.480**	**8.613**
Stddev	.0837	.0461	.2050	.324	14.92	28.07
%RSD	99.46	11.98	54.16	8.249	428.8	325.9
#1	-.1631	-.4212	.1640	3.644	-2.078	4.691
#2	-.0929	-.3328	.5725	4.277	-7.865	38.44
#3	.0036	-.3996	.3991	3.844	20.38	-17.29
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	**2.403**	**.0515**	**-44.22**	**.2681**	**-.0145**	**2.147**
Stddev	4.161	.0826	10.19	.5646	.5574	2.167
%RSD	173.1	160.6	23.04	210.5	3844.	100.9
#1	4.761	.1180	-54.70	.6904	-.0577	3.703
#2	-2.401	.0774	-43.61	-.3731	.5632	3.067
#3	4.849	-.0410	-34.35	.4871	-.5491	-.3279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117432/1-a@2 Acquired: 6/26/2012 18:54:03 Type: QC
Method: SW84606112012(v14) 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	**1.306**	**.2003**	**-.3717**	**.4327**	**5.597**	**.9004**
Stddev	1.840	.5230	.5821	.0399	.795	.0819
%RSD	140.9	261.1	156.6	9.214	14.20	9.091
#1	-.5268	.1218	.2146	.4113	5.491	.8296
#2	1.291	-.2790	-.3800	.4080	6.439	.9900
#3	3.153	.7582	-.9496	.4786	4.860	.8814
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	**1.375**	**.5471**	**.5006**	**25.18**
Stddev	.296	.0860	.5585	25.28
%RSD	21.53	15.71	111.6	100.4
#1	1.688	.6372	1.116	1.687
#2	1.338	.5383	.3613	21.92
#3	1.100	.4659	.0250	51.93
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	**2430.6**	**27344.**	**4677.4**
Stddev	6.0	137.	15.1
%RSD	.24575	.50166	.32217
#1	2425.9	27186.	4663.2
#2	2428.6	27432.	4676.0
#3	2437.3	27414.	4693.2

Sample Name: 460-41678-c-1-b du@4 Acquired: 6/26/2012 18:57:47 Type: Unk
Method: SW84606112012(v14) 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	**63480.**	**19.87**	**-1.589**	**268.7**	**2.599**	**4649.**
Stddev	159.	.73	.110	.7	.110	26.
%RSD	.2504	3.685	6.929	.2770	4.212	.5581
#1	63540.	20.42	-1.462	268.9	2.540	4639.
#2	63600.	20.15	-1.661	269.4	2.725	4628.
#3	63300.	19.04	-1.644	267.9	2.532	4678.
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	**.2848**	**28.83**	**104.2**	**44.70**	**99300.**	**2563.**
Stddev	.0108	.16	.8	4.32	230.	44.
%RSD	3.787	.5585	.8092	9.668	.2312	1.730
#1	.2861	28.64	103.7	40.36	99410.	2535.
#2	.2735	28.90	105.2	44.75	99440.	2614.
#3	.2949	28.94	103.7	49.00	99030.	2540.
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	**8985.**	**1021.**	**1813.**	**50.59**	**63.37**	**.6668**
Stddev	29.	2.	12.	.09	.86	1.034
%RSD	.3182	.1910	.6555	.1694	1.365	155.1
#1	9001.	1021.	1827.	50.69	62.40	1.681
#2	8952.	1023.	1808.	50.52	64.06	-.3862
#3	9001.	1019.	1805.	50.56	63.65	.7058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41678-c-1-b du@4 Acquired: 6/26/2012 18:57:47 Type: Unk
Method: SW84606112012(v14) 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	**4.309**	**-1.938**	**149.0**	**140.1**	**5.526**	**1.891**
Stddev	2.392	.987	.7	.3	.912	.218
%RSD	55.51	50.93	.4414	.2261	16.50	11.53
#1	6.914	-2.405	149.4	140.1	5.881	1.928
#2	3.802	-.8041	149.4	140.3	4.490	2.089
#3	2.211	-2.605	148.2	139.7	6.207	1.658
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	**5.066**	**50.37**	**995.0**	**1507.**
Stddev	1.185	.10	1.5	10.
%RSD	23.39	.1889	.1513	.6464
#1	6.057	50.27	993.7	1516.
#2	5.387	50.46	996.7	1497.
#3	3.753	50.39	994.6	1506.
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	**2630.0**	**29204.**	**5097.7**
Stddev	2.3	97.	10.7
%RSD	.08589	.33104	.21007
#1	2632.6	29314.	5097.3
#2	2628.4	29131.	5087.2
#3	2628.9	29167.	5108.6

Sample Name: 460-41678-c-1-a@4 Acquired: 6/26/2012 19:01:23 Type: Unk
Method: SW84606112012(v14) 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	**60090.**	**21.87**	**-1.462**	**264.6**	**2.398**	**4671.**
Stddev	92.	2.44	.946	.4	.133	3.
%RSD	.1531	11.15	64.71	.1461	5.531	.0655
#1	60070.	19.84	-2.124	264.8	2.270	4669.
#2	60190.	24.57	-.3785	264.8	2.387	4674.
#3	60000.	21.18	-1.883	264.1	2.535	4670.
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	**.2612**	**27.93**	**105.0**	**44.47**	**93060.**	**2561.**
Stddev	.0666	.41	.5	3.28	148.	44.
%RSD	25.50	1.482	.4852	7.365	.1594	1.708
#1	.3286	28.40	104.5	43.78	93090.	2559.
#2	.2594	27.78	105.1	48.04	93180.	2518.
#3	.1954	27.62	105.5	41.60	92890.	2606.
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	**8897.**	**957.5**	**1747.**	**48.89**	**61.37**	**-.9999**
Stddev	5.	1.4	13.	.31	.34	.6231
%RSD	.0615	.1428	.7569	.6404	.5615	62.31
#1	8900.	957.7	1756.	49.05	61.12	-1.699
#2	8901.	958.8	1731.	48.53	61.77	-.7971
#3	8891.	956.0	1752.	49.10	61.23	-.5035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41678-c-1-a@4 Acquired: 6/26/2012 19:01:23 Type: Unk
Method: SW84606112012(v14) 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	**3.264**	**-1.748**	**143.0**	**137.6**	**5.424**	**1.558**
Stddev	2.006	1.004	.8	.3	.835	.395
%RSD	61.48	57.46	.5572	.2435	15.39	25.33
#1	5.127	-2.534	142.8	138.0	4.717	1.967
#2	3.523	-2.094	143.8	137.6	6.344	1.529
#3	1.140	-.6164	142.3	137.3	5.210	1.179
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	**4.581**	**48.63**	**1020.**	**1596.**
Stddev	.396	.06	3.	6.
%RSD	8.649	.1232	.3189	.3568
#1	4.938	48.65	1016.	1596.
#2	4.650	48.68	1019.	1591.
#3	4.154	48.56	1023.	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	**2627.3**	**29152.**	**5090.9**
Stddev	2.4	76.	9.2
%RSD	.09290	.26158	.18110
#1	2627.3	29075.	5095.7
#2	2624.8	29154.	5096.7
#3	2629.7	29228.	5080.2

Sample Name: sd 460-41678-c-1-a@2 Acquired: 6/26/2012 19:04:58 Type: Unk
Method: SW84606112012(v14) 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	**12320.**	**4.496**	**-.0532**	**53.99**	**.5004**	**967.1**
Stddev	29.	1.105	.2641	.07	.0678	16.6
%RSD	.2366	24.59	496.5	.1263	13.55	1.712
#1	12350.	3.556	-.3571	53.96	.4681	983.1
#2	12300.	4.218	.1195	54.07	.4548	968.1
#3	12290.	5.713	.0781	53.95	.5783	950.0
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**	**5.592**	**21.41**	**9.164**	**19180.**	**556.7**
Stddev	.0310	.240	.31	2.655	35.	56.4
%RSD	20.48	4.300	1.429	28.97	.1829	10.13
#1	.1721	5.850	21.76	6.181	19220.	578.1
#2	.1159	5.375	21.27	10.04	19180.	492.7
#3	.1669	5.550	21.21	11.27	19150.	599.2
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	**1851.**	**197.3**	**276.0**	**10.27**	**12.15**	**3.071**
Stddev	6.	.4	8.3	.16	.71	.906
%RSD	.3001	.2021	2.998	1.526	5.820	29.50
#1	1853.	196.9	283.3	10.35	11.50	2.955
#2	1855.	197.7	277.6	10.09	12.06	4.028
#3	1844.	197.2	267.0	10.37	12.90	2.228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41678-c-1-a@2 Acquired: 6/26/2012 19:04:58 Type: Unk
Method: SW84606112012(v14) 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	**3.141**	**-1.637**	**28.81**	**28.71**	**.7321**	**.0704**
Stddev	2.257	1.513	.28	.12	1.081	.2327
%RSD	71.85	92.43	.9734	.4113	147.7	330.7
#1	.5630	.0585	28.54	28.82	1.925	.2597
#2	4.759	-2.850	28.79	28.59	-.1828	.1408
#3	4.102	-2.120	29.10	28.72	.4538	-.1894
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	**2.105**	**9.779**	**206.0**	**323.5**
Stddev	.282	.105	.7	17.3
%RSD	13.41	1.074	.3618	5.337
#1	2.309	9.787	205.8	304.1
#2	1.783	9.879	206.8	337.2
#3	2.223	9.670	205.4	329.3
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	**2568.0**	**28557.**	**4925.5**
Stddev	.7	114.	5.6
%RSD	.02872	.39817	.11437
#1	2567.9	28493.	4925.9
#2	2567.3	28490.	4931.0
#3	2568.8	28689.	4919.7

Sample Name: 460-41678-c-1-c ms@4 Acquired: 6/26/2012 19:08:38 Type: Unk
Method: SW84606112012(v14) 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	**80280.**	**899.1**	**21.34**	**1234.**	**26.27**	**14140.**
Stddev	276.	2.7	.38	2.	.14	11.
%RSD	.3437	.2959	1.763	.1590	.5413	.0789
#1	80500.	902.1	21.73	1233.	26.26	14140.
#2	79970.	896.9	20.98	1236.	26.13	14150.
#3	80380.	898.3	21.30	1232.	26.42	14130.
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	**23.97**	**267.0**	**228.8**	**163.4**	**111500.**	**11950.**
Stddev	.15	1.0	.7	3.1	189.	42.
%RSD	.6302	.3572	.3243	1.901	.1692	.3474
#1	24.11	267.8	229.7	166.7	111500.	11970.
#2	23.81	267.2	228.7	160.5	111700.	11900.
#3	23.98	265.9	228.2	163.1	111300.	11970.
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	**18700.**	**1154.**	**10900.**	**297.1**	**302.8**	**123.9**
Stddev	45.	3.	42.	.7	1.4	1.3
%RSD	.2405	.2572	.3809	.2289	.4491	1.022
#1	18720.	1156.	10900.	297.4	304.1	125.2
#2	18730.	1157.	10850.	297.6	302.9	122.7
#3	18650.	1151.	10940.	296.3	301.4	123.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41678-c-1-c ms@4 Acquired: 6/26/2012 19:08:38 Type: Unk
Method: SW84606112012(v14) 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	**866.4**	**980.4**	**404.8**	**394.4**	**218.4**	**227.5**
Stddev	2.3	4.3	.9	.5	.3	.7
%RSD	.2697	.4425	.2272	.1227	.1490	.3120
#1	868.7	985.0	405.0	395.0	218.1	228.2
#2	864.0	976.4	405.5	394.2	218.8	227.6
#3	866.6	979.6	403.7	394.1	218.4	226.8
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	**234.6**	**283.5**	**1465.**	**2383.**
Stddev	1.3	.4	5.	33.
%RSD	.5703	.1460	.3692	1.367
#1	236.1	283.9	1471.	2347.
#2	233.9	283.2	1463.	2411.
#3	233.7	283.2	1460.	2390.
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	**2596.9**	**28727.**	**5101.5**
Stddev	4.8	80.	25.6
%RSD	.18341	.27951	.50227
#1	2602.3	28634.	5072.2
#2	2595.1	28778.	5119.6
#3	2593.2	28768.	5112.7

Sample Name: pds 460-41678-c-1-a@ Acquired: 6/26/2012 19:12:05 Type: Unk
Method: SW84606112012(v14) 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	**61520.**	**1807.**	**44.20**	**2162.**	**49.11**	**23750.**
Stddev	210.	6.	.15	5.	.36	153.
%RSD	.3420	.3057	.3331	.2432	.7334	.6445
#1	61430.	1810.	44.12	2165.	48.76	23600.
#2	61370.	1811.	44.37	2166.	49.08	23740.
#3	61760.	1801.	44.12	2156.	49.48	23910.
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	**47.60**	**501.4**	**293.2**	**278.8**	**92750.**	**20670.**
Stddev	.18	1.1	.5	3.3	196.	134.
%RSD	.3805	.2183	.1868	1.174	.2109	.6494
#1	47.70	501.8	293.8	278.5	92950.	20600.
#2	47.72	502.1	293.0	275.7	92560.	20580.
#3	47.39	500.1	292.7	282.3	92730.	20820.
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	**26630.**	**1431.**	**20250.**	**525.1**	**541.4**	**437.6**
Stddev	90.	2.	81.	.5	.5	3.1
%RSD	.3366	.1271	.4009	.1007	.0922	.7043
#1	26740.	1430.	20200.	525.2	540.8	440.2
#2	26590.	1429.	20210.	525.6	541.7	438.3
#3	26580.	1433.	20350.	524.6	541.7	434.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41678-c-1-a@ Acquired: 6/26/2012 19:12:05 Type: Unk
Method: SW84606112012(v14) 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	**1753.**	**1954.**	**603.2**	**605.9**	**471.2**	**467.0**
Stddev	4.	4.	1.4	1.1	.3	1.4
%RSD	.2427	.2293	.2290	.1755	.0551	.3018
#1	1756.	1956.	604.0	606.0	471.1	468.0
#2	1755.	1958.	604.0	606.9	471.5	467.6
#3	1748.	1949.	601.6	604.8	471.0	465.4
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	**476.3**	**505.7**	**1498.**	**1674.**
Stddev	2.8	2.1	6.	24.
%RSD	.5882	.4181	.3905	1.422
#1	479.5	504.4	1492.	1653.
#2	474.6	504.5	1498.	1700.
#3	474.7	508.1	1504.	1670.
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	**2576.4**	**28711.**	**5080.2**
Stddev	3.1	101.	34.5
%RSD	.12004	.35071	.67884
#1	2578.8	28674.	5081.0
#2	2577.5	28825.	5114.2
#3	2572.9	28634.	5045.3

Sample Name: 460-41678-a-3-a@4 Acquired: 6/26/2012 19:15:29 Type: Unk
Method: SW84606112012(v14) 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	**72620.**	**20.29**	**-1.808**	**211.7**	**2.355**	**3436.**
Stddev	187.	3.12	.753	.2	.026	8.
%RSD	.2575	15.38	41.66	.1091	1.109	.2430
#1	72820.	22.14	-1.215	212.0	2.328	3439.
#2	72600.	16.69	-1.553	211.6	2.380	3426.
#3	72450.	22.04	-2.655	211.5	2.358	3442.
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	**.0062**	**22.39**	**109.8**	**40.04**	**99610.**	**2127.**
Stddev	.0326	.27	.3	2.05	89.	47.
%RSD	521.2	1.218	.3059	5.116	.0891	2.209
#1	.0081	22.32	110.1	40.40	99610.	2181.
#2	.0379	22.69	109.7	37.83	99700.	2096.
#3	-.0272	22.16	109.5	41.88	99520.	2103.
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	**8367.**	**493.5**	**23.84**	**47.31**	**56.68**	**.3388**
Stddev	5.	.8	15.51	.29	.74	.3088
%RSD	.0644	.1549	65.05	.6046	1.306	91.15
#1	8371.	493.9	41.16	47.63	56.74	-.0047
#2	8369.	494.1	19.10	47.09	55.91	.5936
#3	8361.	492.7	11.25	47.21	57.39	.4276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41678-a-3-a@4 Acquired: 6/26/2012 19:15:29 Type: Unk
Method: SW84606112012(v14) 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	**.7093**	**-1.492**	**157.7**	**122.4**	**7.197**	**2.075**
Stddev	2.752	2.065	.6	.2	.747	.238
%RSD	388.0	138.4	.3520	.1559	10.39	11.47
#1	-1.626	.3549	158.3	122.2	6.930	2.292
#2	3.744	-1.109	157.7	122.3	8.041	1.821
#3	.0100	-3.721	157.2	122.6	6.619	2.111
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	**3.811**	**37.55**	**1066.**	**1384.**
Stddev	.330	.13	4.	18.
%RSD	8.669	.3451	.3283	1.283
#1	3.795	37.70	1071.	1367.
#2	4.149	37.48	1064.	1381.
#3	3.488	37.48	1065.	1403.
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	**2565.0**	**28545.**	**4989.2**
Stddev	6.3	49.	23.6
%RSD	.24602	.17029	.47292
#1	2557.8	28511.	4962.1
#2	2567.5	28601.	5000.2
#3	2569.6	28523.	5005.3

Sample Name: 460-41668-a-1-a@4 Acquired: 6/26/2012 19:19:05 Type: Unk
Method: SW84606112012(v14) 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	**83480.**	**16.96**	**-.9894**	**553.0**	**6.750**	**7844.**
Stddev	207.	.17	.3075	3.2	.048	40.
%RSD	.2475	.9891	31.08	.5857	.7046	.5111
#1	83650.	16.77	-1.056	556.8	6.747	7890.
#2	83540.	17.01	-.6540	551.4	6.800	7827.
#3	83250.	17.10	-1.258	551.0	6.705	7816.
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	**.2334**	**112.1**	**166.3**	**63.78**	**195400.**	**12690.**
Stddev	.1125	.4	.5	2.15	227.	41.
%RSD	48.19	.3480	.3148	3.363	.1160	.3242
#1	.2770	112.5	166.5	65.38	195600.	12730.
#2	.1057	111.7	165.7	64.62	195200.	12690.
#3	.3176	112.2	166.7	61.34	195500.	12650.
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	**34030.**	**2734.**	**742.3**	**197.9**	**119.2**	**-.2814**
Stddev	90.	4.	3.0	.6	.7	5.128
%RSD	.2648	.1322	.4041	.3013	.5525	1822.
#1	34010.	2738.	741.2	198.3	119.7	5.614
#2	33940.	2732.	740.0	197.2	119.3	-2.758
#3	34120.	2732.	745.7	198.3	118.4	-3.700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41668-a-1-a@4 Acquired: 6/26/2012 19:19:05 Type: Unk
Method: SW84606112012(v14) 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	**-.0024**	**.9003**	**149.3**	**447.3**	**38.38**	**3.867**
Stddev	1.162	.2518	1.0	.5	1.50	.096
%RSD	48950.	27.97	.6986	.1229	3.904	2.475
#1	-.4165	.6478	150.3	447.7	38.61	3.952
#2	1.310	.9018	149.3	447.4	36.78	3.763
#3	-.9004	1.151	148.2	446.7	39.74	3.884
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	**10.05**	**203.1**	**1891.**	**1519.**
Stddev	.62	.5	10.	36.
%RSD	6.171	.2403	.5222	2.394
#1	9.453	203.6	1902.	1486.
#2	10.01	202.8	1888.	1514.
#3	10.69	202.8	1883.	1558.
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	**2690.1**	**29941.**	**5264.3**
Stddev	7.3	129.	37.7
%RSD	.27132	.43109	.71678
#1	2681.7	29796.	5237.1
#2	2693.5	30042.	5248.4
#3	2695.0	29986.	5307.4

Sample Name: 460-41668-a-2-a@4 Acquired: 6/26/2012 19:22:36 Type: Unk
Method: SW84606112012(v14) 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	**60550.**	**36.55**	**.4531**	**1210.**	**4.124**	**40000.**
Stddev	158.	.78	.4965	1.	.171	135.
%RSD	.2611	2.121	109.6	.0833	4.148	.3368
#1	60690.	35.77	-.0991	1209.	4.280	40150.
#2	60370.	36.56	.5958	1211.	4.151	39900.
#3	60580.	37.32	.8626	1209.	3.941	39940.
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	**42.33**	**79.67**	**645.2**	**763.1**	**153000.**	**7533.**
Stddev	.10	.31	.1	2.8	113.	21.
%RSD	.2331	.3882	.0148	.3709	.0738	.2813
#1	42.31	79.96	645.2	766.1	153000.	7516.
#2	42.44	79.72	645.3	760.5	153100.	7557.
#3	42.24	79.34	645.1	762.8	152900.	7526.
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	**25840.**	**1596.**	**771.1**	**160.9**	**8365.**	**5.193**
Stddev	35.	1.	.9	.8	4.	1.436
%RSD	.1339	.0551	.1199	.4701	.0481	27.66
#1	25840.	1595.	770.7	161.5	8366.	5.465
#2	25880.	1596.	772.2	160.0	8369.	3.640
#3	25810.	1596.	770.4	161.2	8361.	6.474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41668-a-2-a@4 Acquired: 6/26/2012 19:22:36 Type: Unk
Method: SW84606112012(v14) 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	**3.147**	**-1.540**	**142.1**	**1957.**	**48.81**	**15.96**
Stddev	1.455	2.744	.8	4.	1.62	.35
%RSD	46.24	178.1	.5588	.1831	3.308	2.174
#1	3.016	.4047	141.8	1960.	47.84	16.22
#2	1.761	-4.679	143.0	1957.	50.67	15.57
#3	4.663	-.3470	141.6	1953.	47.92	16.10
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	**102.3**	**274.0**	**1559.**	**1695.**
Stddev	.6	.9	6.	27.
%RSD	.5750	.3167	.3535	1.613
#1	101.7	275.0	1565.	1688.
#2	102.8	273.3	1555.	1725.
#3	102.3	273.7	1556.	1671.
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	**2553.4**	**28553.**	**5024.2**
Stddev	3.3	39.	29.4
%RSD	.12938	.13614	.58475
#1	2555.5	28541.	4990.3
#2	2555.0	28597.	5042.1
#3	2549.5	28522.	5040.1

Sample Name: 460-41668-a-3-a@4 Acquired: 6/26/2012 19:26:08 Type: Unk
Method: SW84606112012(v14) 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	**43060.**	**45.21**	**.7288**	**3108.**	**2.625**	**53740.**
Stddev	131.	1.16	.4769	8.	.095	110.
%RSD	.3050	2.562	65.44	.2446	3.621	.2048
#1	42910.	45.41	.1924	3112.	2.544	53610.
#2	43140.	46.26	1.105	3113.	2.601	53770.
#3	43120.	43.97	.8890	3099.	2.729	53820.
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	**88.83**	**61.19**	**1306.**	**1870.**	**113300.**	**4309.**
Stddev	.23	.72	3.	8.	253.	35.
%RSD	.2546	1.178	.2506	.4014	.2232	.8162
#1	88.97	61.98	1307.	1862.	113400.	4323.
#2	88.95	61.04	1308.	1875.	113500.	4336.
#3	88.57	60.56	1302.	1874.	113000.	4269.
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	**18760.**	**2288.**	**745.6**	**135.9**	F **18710.**	**34.68**
Stddev	68.	3.	12.9	.2	47.	.68
%RSD	.3619	.1276	1.726	.1371	.2503	1.957
#1	18820.	2290.	736.8	135.7	18740.	34.18
#2	18780.	2289.	760.4	135.8	18740.	34.41
#3	18680.	2284.	739.8	136.1	18660.	35.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Sample Name: 460-41668-a-3-a@4 Acquired: 6/26/2012 19:26:08 Type: Unk
Method: SW84606112012(v14) 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	**1.184**	**-.9182**	**119.4**	**4792.**	**86.00**	**37.41**
Stddev	1.395	2.024	.5	11.	.26	.73
%RSD	117.8	220.4	.4539	.2250	.3023	1.956
#1	2.529	-3.019	118.8	4800.	86.26	38.10
#2	1.280	1.019	119.9	4795.	85.74	37.49
#3	-.2567	-.7548	119.5	4780.	85.99	36.64
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	**233.5**	**291.3**	**1107.**	**1723.**
Stddev	.7	.7	6.	37.
%RSD	.3202	.2347	.5265	2.166
#1	233.8	290.5	1105.	1762.
#2	234.0	291.5	1113.	1718.
#3	232.6	291.8	1102.	1688.
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	**2526.2**	**28243.**	**4979.3**
Stddev	4.2	60.	13.2
%RSD	.16767	.21328	.26597
#1	2529.7	28299.	4993.7
#2	2521.5	28179.	4967.6
#3	2527.4	28251.	4976.8

Sample Name: CCV Acquired: 6/26/2012 19:29:41 Type: QC
Method: SW84606112012(v14) 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.**	**2460.**	**1231.**	**10010.**	**991.5**	**125700.**
Stddev	264.	5.	1.	17.	3.5	339.
%RSD	.2122	.1963	.0755	.1723	.3535	.2697
#1	124100.	2465.	1230.	10020.	989.6	125300.
#2	124300.	2459.	1232.	9992.	989.4	125700.
#3	124600.	2456.	1230.	10020.	995.6	126000.
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	**1253.**	**2479.**	**4979.**	**12430.**	**99150.**	**48840.**
Stddev	3.	3.	8.	28.	48.	259.
%RSD	.2238	.1105	.1593	.2252	.0484	.5298
#1	1254.	2481.	4983.	12410.	99150.	48590.
#2	1250.	2476.	4985.	12410.	99190.	48810.
#3	1255.	2479.	4970.	12460.	99100.	49110.
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	**121800.**	**5071.**	**124300.**	**2508.**	**7540.**	**998.5**
Stddev	136.	5.	133.	3.	14.	2.5
%RSD	.1114	.0936	.1071	.1099	.1822	.2536
#1	121800.	5074.	124200.	2511.	7551.	1001.
#2	122000.	5065.	124400.	2506.	7525.	996.3
#3	121700.	5072.	124400.	2509.	7543.	998.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 19:29:41 Type: QC
Method: SW84606112012(v14) 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	**2408.**	**2546.**	**2463.**	**2475.**	**1001.**	**2505.**
Stddev	8.	3.	2.	3.	1.	3.
%RSD	.3173	.1228	.0925	.1407	.1430	.1078
#1	2416.	2550.	2464.	2477.	1003.	2505.
#2	2400.	2544.	2465.	2471.	1000.	2502.
#3	2408.	2544.	2461.	2477.	1001.	2507.
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	**992.1**	**5024.**	**9952.**	**9946.**
Stddev	1.4	14.	30.	111.
%RSD	.1447	.2854	.3008	1.113
#1	992.6	5010.	9928.	9869.
#2	990.5	5022.	9943.	9896.
#3	993.3	5039.	9986.	10070.
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	**2327.8**	**25907.**	**4717.5**
Stddev	3.6	66.	18.8
%RSD	.15348	.25610	.39890
#1	2324.6	25958.	4712.4
#2	2331.7	25832.	4701.7
#3	2327.1	25931.	4738.3

Sample Name: CCB Acquired: 6/26/2012 19:33:01 Type: QC
Method: SW84606112012(v14) 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	**33.77**	**.4235**	**.6750**	**.5932**	**.1992**	**27.93**
Stddev	17.66	.5861	.2322	.5351	.1483	17.99
%RSD	52.29	138.4	34.39	90.20	74.44	64.40
#1	52.30	1.066	.5021	1.169	.3653	45.57
#2	31.85	.2852	.9389	.4992	.0800	28.62
#3	17.15	-.0810	.5841	.1114	.1524	9.612
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	**.0564**	**.0658**	**.7416**	**4.792**	**16.40**	**57.39**
Stddev	.0697	.2307	.3771	5.838	12.12	7.73
%RSD	123.6	350.9	50.85	121.8	73.89	13.48
#1	.1213	.2941	1.177	11.25	27.73	62.67
#2	.0651	-.1673	.5103	-.1085	17.85	60.99
#3	-.0172	.0705	.5377	3.235	3.622	48.51
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	**14.74**	**.4623**	**-35.35**	**.1685**	**.2186**	**1.634**
Stddev	9.91	.5124	25.83	.2044	.9418	.510
%RSD	67.25	110.9	73.08	121.3	430.9	31.18
#1	26.16	1.034	-6.043	.4037	.9733	2.181
#2	8.344	.3084	-54.82	.0337	-.8369	1.548
#3	9.714	.0444	-45.17	.0681	.5192	1.173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 19:33:01 Type: QC
Method: SW84606112012(v14) 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	**3.993**	**-.0011**	**.0922**	**.3586**	**.3199**	**3.130**
Stddev	.293	.6797	.2378	.2090	.4564	.171
%RSD	7.350	62760.	257.9	58.27	142.7	5.467
#1	3.679	.7582	.2341	.5820	.3364	3.322
#2	4.260	-.5527	-.1823	.3261	-.1445	3.071
#3	4.042	-.2087	.2249	.1678	.7679	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	**2.057**	**.6278**	**1.129**	**10.53**
Stddev	.096	.6213	2.389	8.94
%RSD	4.661	98.96	211.5	84.95
#1	2.130	1.330	3.803	.2472
#2	2.093	.4023	-.7958	14.82
#3	1.948	.1507	.3810	16.52
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	**2507.0**	**28000.**	**4782.5**
Stddev	6.4	115.	4.6
%RSD	.25499	.41104	.09593
#1	2504.7	27867.	4779.9
#2	2514.2	28062.	4787.8
#3	2502.1	28070.	4779.8

Sample Name: 460-41639-e-1-a@4 Acquired: 6/26/2012 19:36:48 Type: Unk
Method: SW84606112012(v14) 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	**32050.**	**8.573**	**-.3872**	**230.8**	**1.023**	F **309900.**
Stddev	97.	1.447	.5859	.4	.132	586.
%RSD	.3028	16.88	151.3	.1946	12.88	.1891
#1	31980.	6.978	-1.013	231.3	1.082	309600.
#2	32020.	8.939	.1487	230.6	.8722	309500.
#3	32160.	9.802	-.2976	230.4	1.115	310500.
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	**.4249**	**16.63**	**50.02**	**45.12**	**37820.**	**16250.**
Stddev	.0997	.21	.17	.88	98.	4.
%RSD	23.47	1.266	.3402	1.941	.2604	.0246
#1	.5399	16.56	49.94	44.22	37860.	16250.
#2	.3727	16.86	50.21	45.16	37880.	16250.
#3	.3621	16.46	49.90	45.97	37700.	16250.
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	**17110.**	**736.4**	**9827.**	**28.58**	**9.515**	**2.078**
Stddev	41.	1.2	46.	.13	1.504	2.065
%RSD	.2392	.1612	.4714	.4403	15.80	99.35
#1	17140.	737.4	9775.	28.49	11.13	-.2617
#2	17130.	736.6	9844.	28.52	9.257	2.853
#3	17060.	735.1	9863.	28.72	8.157	3.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-1-a@4 Acquired: 6/26/2012 19:36:48 Type: Unk
Method: SW84606112012(v14) 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	**.5282**	**.3214**	**58.15**	**103.3**	**60.02**	**2.011**
Stddev	4.445	2.370	.60	.6	.74	.142
%RSD	841.5	737.6	1.038	.5753	1.236	7.073
#1	3.852	1.211	58.26	103.6	60.87	2.103
#2	-4.520	2.118	58.69	103.7	59.47	2.083
#3	2.253	-2.365	57.50	102.6	59.73	1.847
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	**6.956**	**1593.**	**1329.**	**1395.**
Stddev	.300	1.	.	5.
%RSD	4.313	.0777	.0341	.3375
#1	7.227	1593.	1329.	1399.
#2	6.634	1592.	1329.	1389.
#3	7.007	1595.	1330.	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	**2414.2**	**26872.**	**4870.1**
Stddev	8.1	149.	17.7
%RSD	.33724	.55624	.36256
#1	2404.8	26744.	4864.4
#2	2418.2	26835.	4890.0
#3	2419.5	27036.	4856.1

Sample Name: 460-41639-e-2-a@4 Acquired: 6/26/2012 19:40:26 Type: Unk
Method: SW84606112012(v14) 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	**26010.**	**6.071**	**-.1112**	**199.6**	**.8264**	F **309500.**
Stddev	24.	2.530	.4452	.6	.1013	488.
%RSD	.0932	41.67	400.4	.2784	12.26	.1577
#1	26030.	5.366	-.3898	200.0	.7451	309900.
#2	25990.	3.968	.4023	199.8	.7943	309600.
#3	26020.	8.878	-.3460	198.9	.9399	308900.
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	**.2876**	**11.45**	**950.5**	**34.01**	**29080.**	**6135.**
Stddev	.1169	.22	2.6	2.46	38.	80.
%RSD	40.66	1.951	.2786	7.231	.1299	1.299
#1	.2246	11.57	947.5	32.45	29060.	6184.
#2	.4226	11.58	951.4	32.74	29120.	6177.
#3	.2157	11.19	952.5	36.84	29060.	6043.
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	**19000.**	**612.3**	**2621.**	**23.01**	**7.480**	**2.254**
Stddev	29.	1.6	18.	.26	1.034	1.248
%RSD	.1519	.2613	.6846	1.151	13.82	55.36
#1	18960.	611.5	2633.	22.77	8.432	1.719
#2	19020.	614.1	2629.	23.29	7.628	3.680
#3	19010.	611.2	2600.	22.95	6.381	1.363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-2-a@4 Acquired: 6/26/2012 19:40:26 Type: Unk
Method: SW84606112012(v14) 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	**-.5388**	**-.9896**	**53.73**	**81.14**	**45.82**	**.5882**
Stddev	2.543	.3155	.57	.29	.85	.1054
%RSD	472.1	31.88	1.065	.3535	1.845	17.92
#1	2.140	-1.333	53.15	81.47	45.19	.5438
#2	-.8350	-.9239	54.29	81.01	45.49	.7086
#3	-2.921	-.7122	53.76	80.95	46.78	.5122
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	**5.276**	**3152.**	**1183.**	**1348.**
Stddev	.717	6.	5.	29.
%RSD	13.59	.1825	.3961	2.129
#1	5.338	3159.	1181.	1325.
#2	5.960	3151.	1188.	1381.
#3	4.530	3147.	1179.	1339.
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	**2403.5**	**26894.**	**4820.3**
Stddev	3.7	100.	10.4
%RSD	.15576	.37156	.21513
#1	2405.3	26996.	4811.4
#2	2399.2	26889.	4817.8
#3	2406.0	26796.	4831.7

Sample Name: 460-41639-e-3-a@4 Acquired: 6/26/2012 19:44:04 Type: Unk
Method: SW84606112012(v14) 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	**29510.**	**14.82**	**-.5148**	**232.8**	**.9687**	F **308400.**
Stddev	56.	.84	.3464	.8	.1003	230.
%RSD	.1896	5.684	67.28	.3400	10.36	.0746
#1	29580.	14.63	-.7516	232.5	.8661	308200.
#2	29500.	15.73	-.6755	233.7	1.067	308500.
#3	29470.	14.08	-.1173	232.3	.9735	308600.
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	**.0917**	**23.05**	**50.66**	**147.1**	**31980.**	**16690.**
Stddev	.0526	.21	.26	4.3	87.	55.
%RSD	57.34	.9173	.5156	2.954	.2723	.3287
#1	.0826	23.16	50.96	149.4	32010.	16630.
#2	.1481	23.19	50.57	149.8	32040.	16700.
#3	.0442	22.81	50.46	142.1	31880.	16740.
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	**15630.**	**878.3**	**11060.**	**31.82**	**45.99**	**2.251**
Stddev	22.	.9	8.	.48	.19	.721
%RSD	.1408	.1060	.0717	1.509	.4239	32.04
#1	15640.	877.7	11050.	31.73	45.81	1.909
#2	15650.	879.4	11060.	31.39	46.19	1.765
#3	15610.	877.9	11060.	32.34	45.97	3.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-3-a@4 Acquired: 6/26/2012 19:44:04 Type: Unk
Method: SW84606112012(v14) 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	.2796	-3.148	44.24	285.7	64.70	12.80
Stddev	1.490	1.436	.12	.8	.32	.20
%RSD	532.9	45.60	.2696	.2896	.4882	1.588
#1	-1.411	-4.334	44.14	284.9	64.94	13.03
#2	.8492	-3.558	44.20	286.5	64.34	12.65
#3	1.401	-1.552	44.37	285.7	64.81	12.71
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	22.80	1861.	1311.	1447.
Stddev	.22	1.	2.	14.
%RSD	.9835	.0310	.1665	.9577
#1	22.86	1860.	1312.	1432.
#2	22.55	1861.	1313.	1459.
#3	22.99	1861.	1308.	1449.
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	2398.1	26713.	4807.9
Stddev	6.3	35.	16.2
%RSD	.26395	.13241	.33733
#1	2401.2	26734.	4803.8
#2	2390.8	26672.	4825.8
#3	2402.3	26734.	4794.1

Sample Name: 460-41639-e-4-a@4 Acquired: 6/26/2012 19:47:42 Type: Unk
Method: SW84606112012(v14) 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	**34050.**	**6.784**	**-.4778**	**232.4**	**1.035**	F **290700.**
Stddev	116.	1.585	.0792	1.3	.038	1068.
%RSD	.3392	23.37	16.58	.5447	3.687	.3672
#1	34180.	8.561	-.5635	232.6	1.063	291900.
#2	33990.	5.516	-.4627	233.6	.9913	290400.
#3	33970.	6.275	-.4073	231.1	1.049	289900.
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	**.1606**	**19.98**	**45.47**	**55.66**	**39730.**	**12640.**
Stddev	.1180	.06	.55	3.47	37.	33.
%RSD	73.48	.2995	1.213	6.243	.0936	.2576
#1	.1046	20.04	45.35	59.37	39770.	12650.
#2	.2961	19.92	46.07	55.13	39710.	12610.
#3	.0809	19.98	44.99	52.49	39710.	12670.
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	**17530.**	**911.4**	**7817.**	**33.92**	**13.56**	**-.9933**
Stddev	14.	1.3	41.	.18	.20	.7352
%RSD	.0808	.1470	.5241	.5428	1.482	74.02
#1	17510.	911.5	7860.	33.72	13.33	-1.675
#2	17540.	912.7	7812.	34.09	13.69	-1.090
#3	17530.	910.0	7779.	33.95	13.65	-.2145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-4-a@4 Acquired: 6/26/2012 19:47:42 Type: Unk
Method: SW84606112012(v14) 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	**1.881**	**-1.209**	**57.84**	**115.1**	**54.95**	**2.908**
Stddev	3.385	.516	.52	.6	.90	.432
%RSD	180.0	42.69	.9055	.4906	1.631	14.86
#1	5.680	-1.805	58.02	115.0	53.98	2.795
#2	-.8130	-.9276	58.25	115.6	55.76	2.543
#3	.7755	-.8954	57.25	114.5	55.12	3.386
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	**5.747**	**1989.**	**1573.**	**1172.**
Stddev	.440	7.	6.	15.
%RSD	7.652	.3498	.3579	1.260
#1	6.074	1997.	1578.	1155.
#2	5.920	1984.	1573.	1177.
#3	5.247	1986.	1567.	1183.
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	**2432.8**	**27176.**	**4868.2**
Stddev	5.7	71.	18.7
%RSD	.23480	.26210	.38499
#1	2429.8	27109.	4849.1
#2	2429.2	27168.	4869.0
#3	2439.4	27250.	4886.6

Sample Name: 460-41639-e-5-a@4 Acquired: 6/26/2012 19:51:19 Type: Unk
Method: SW84606112012(v14) 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	**42300.**	**12.21**	**.0258**	**257.2**	**1.367**	F **320400.**
Stddev	71.	.13	.2166	.9	.055	646.
%RSD	.1670	1.047	838.0	.3629	4.048	.2015
#1	42270.	12.08	-.1594	258.1	1.378	319600.
#2	42250.	12.21	.2639	257.2	1.306	320700.
#3	42380.	12.34	-.0270	256.2	1.415	320800.
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	**.1751**	**22.86**	**48.32**	**55.94**	**57080.**	**17690.**
Stddev	.0594	.18	.66	4.55	151.	36.
%RSD	33.96	.8027	1.372	8.137	.2637	.2032
#1	.1999	23.07	49.05	61.11	57250.	17730.
#2	.1072	22.77	48.15	54.20	57050.	17690.
#3	.2181	22.74	47.76	52.52	56950.	17660.
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	**22820.**	**1226.**	**8578.**	**36.86**	**17.60**	**.0631**
Stddev	21.	2.	34.	.29	.41	1.801
%RSD	.0926	.1416	.3969	.7810	2.332	2854.
#1	22810.	1228.	8582.	36.57	17.29	-1.995
#2	22840.	1226.	8543.	37.15	17.44	1.352
#3	22800.	1225.	8610.	36.86	18.06	.8316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-5-a@4 Acquired: 6/26/2012 19:51:19 Type: Unk
Method: SW84606112012(v14) 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	**2.833**	**-1.154**	**81.71**	**160.0**	**57.69**	**2.801**
Stddev	1.859	2.044	.98	.7	.73	.059
%RSD	65.64	177.1	1.202	.4248	1.262	2.097
#1	2.277	.1675	82.52	160.7	58.00	2.844
#2	4.907	-3.508	82.00	160.0	58.22	2.734
#3	1.315	-.1210	80.62	159.3	56.86	2.824
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	**9.054**	**2525.**	**1571.**	**1287.**
Stddev	1.209	3.	1.	14.
%RSD	13.35	.1131	.0363	1.104
#1	9.584	2523.	1570.	1271.
#2	9.907	2523.	1570.	1298.
#3	7.671	2528.	1571.	1292.
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	**2437.0**	**27120.**	**4903.4**
Stddev	10.0	83.	19.6
%RSD	.41193	.30690	.40062
#1	2429.8	27189.	4923.8
#2	2432.6	27027.	4884.6
#3	2448.4	27144.	4901.8

Sample Name: 460-41639-e-6-a@4 Acquired: 6/26/2012 19:54:55 Type: Unk
Method: SW84606112012(v14) 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	**26410.**	**7.381**	**-.3120**	**220.3**	**.8598**	F **303000.**
Stddev	80.	2.021	.4463	.4	.0885	1050.
%RSD	.3032	27.38	143.0	.1718	10.30	.3464
#1	26480.	6.736	-.3953	220.7	.7885	304200.
#2	26420.	5.761	.1700	220.2	.8320	302700.
#3	26320.	9.646	-.7108	220.0	.9589	302200.
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	**.1536**	**14.50**	**39.35**	**28.04**	**26990.**	**8804.**
Stddev	.0487	.19	.56	2.21	14.	29.
%RSD	31.71	1.301	1.431	7.899	.0516	.3349
#1	.1924	14.61	39.34	26.57	27000.	8800.
#2	.0989	14.28	38.79	26.97	26990.	8835.
#3	.1695	14.61	39.92	30.59	26970.	8776.
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	**17670.**	**712.6**	**2938.**	**21.56**	**14.62**	**-.5051**
Stddev	16.	1.9	25.	.36	.96	.7526
%RSD	.0930	.2630	.8517	1.684	6.564	149.0
#1	17680.	712.4	2967.	21.16	13.52	-1.259
#2	17680.	714.6	2925.	21.66	15.10	-.5035
#3	17650.	710.8	2922.	21.87	15.25	.2466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-6-a@4 Acquired: 6/26/2012 19:54:55 Type: Unk
Method: SW84606112012(v14) 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	**1.477**	**-1.687**	**36.16**	**65.12**	**47.77**	**.3952**
Stddev	3.368	2.731	.32	.10	.29	.1123
%RSD	227.9	161.9	.8753	.1564	.6014	28.42
#1	4.395	-4.751	36.49	65.23	47.72	.5248
#2	2.245	.4906	35.87	65.03	48.08	.3271
#3	-2.208	-.8003	36.11	65.11	47.52	.3336
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	**4.742**	**3475.**	**1168.**	**1269.**
Stddev	.686	11.	6.	14.
%RSD	14.47	.3261	.5442	1.069
#1	4.113	3486.	1174.	1259.
#2	4.638	3476.	1168.	1285.
#3	5.474	3464.	1161.	1265.
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	**2415.2**	**26945.**	**4846.9**
Stddev	1.9	71.	28.4
%RSD	.07768	.26165	.58626
#1	2414.7	26997.	4816.1
#2	2417.3	26865.	4852.5
#3	2413.7	26973.	4872.0

Sample Name: 460-41639-e-7-a@4 Acquired: 6/26/2012 19:58:34 Type: Unk
Method: SW84606112012(v14) 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	**29900.**	**6.998**	**-.2060**	**175.7**	**1.185**	F **284100.**
Stddev	37.	1.281	.2983	.6	.216	608.
%RSD	.1236	18.30	144.8	.3398	18.23	.2140
#1	29940.	5.527	.0286	175.3	1.153	283900.
#2	29880.	7.862	-.1050	176.4	.9873	283700.
#3	29880.	7.604	-.5418	175.5	1.416	284800.
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	**.2518**	**20.50**	**60.68**	**92.49**	**34690.**	**13850.**
Stddev	.0646	.07	.38	.15	83.	96.
%RSD	25.67	.3623	.6249	.1632	.2406	.6913
#1	.1772	20.43	61.12	92.60	34770.	13800.
#2	.2871	20.58	60.48	92.32	34710.	13790.
#3	.2911	20.49	60.44	92.54	34600.	13960.
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	**17750.**	**722.9**	**6829.**	**35.45**	**36.65**	**-.2463**
Stddev	28.	.5	33.	.28	1.16	2.006
%RSD	.1605	.0756	.4778	.7884	3.163	814.5
#1	17740.	723.0	6801.	35.74	35.97	-2.025
#2	17790.	723.3	6821.	35.18	35.99	1.928
#3	17730.	722.3	6865.	35.45	37.99	-.6415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-7-a@4 Acquired: 6/26/2012 19:58:34 Type: Unk
Method: SW84606112012(v14) 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	.7563	-.1909	53.24	240.6	43.90	1.552
Stddev	.8013	.4440	.37	1.0	.52	.106
%RSD	106.0	232.6	.6875	.4291	1.179	6.846
#1	.1659	.3217	53.66	239.4	44.29	1.579
#2	1.668	-.4399	52.99	241.2	43.31	1.642
#3	.4345	-.4545	53.06	241.2	44.10	1.435
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	18.92	1328.	1153.	1280.
Stddev	.09	2.	1.	18.
%RSD	.4672	.1839	.1039	1.413
#1	18.88	1329.	1152.	1293.
#2	19.02	1325.	1155.	1287.
#3	18.86	1330.	1153.	1259.
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	2411.2	26845.	4820.0
Stddev	1.7	37.	21.0
%RSD	.06849	.13853	.43516
#1	2410.5	26802.	4814.4
#2	2410.1	26862.	4843.3
#3	2413.1	26871.	4802.5

Sample Name: 460-41639-e-8-a@4 Acquired: 6/26/2012 20:02:12 Type: Unk
Method: SW84606112012(v14) 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	**34350.**	**11.49**	**-.2944**	**215.9**	**1.049**	F **339100.**
Stddev	107.	3.76	.7717	.6	.093	918.
%RSD	.3108	32.75	262.1	.2549	8.902	.2706
#1	34340.	15.80	.4068	216.4	1.142	339300.
#2	34460.	9.822	-1.121	215.9	.9549	339900.
#3	34250.	8.855	-.1689	215.3	1.050	338100.
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	**.2352**	**18.92**	**34.45**	**40.00**	**41130.**	**17730.**
Stddev	.0824	.05	.07	3.59	57.	19.
%RSD	35.04	.2837	.1925	8.971	.1385	.1063
#1	.3206	18.91	34.41	36.23	41100.	17740.
#2	.1561	18.86	34.42	40.40	41190.	17750.
#3	.2290	18.97	34.53	43.37	41090.	17710.
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	**20770.**	**970.6**	**11950.**	**29.38**	**17.51**	**-.1853**
Stddev	43.	.9	21.	.17	1.27	1.394
%RSD	.2087	.0974	.1751	.5656	7.280	752.4
#1	20730.	970.8	11950.	29.41	16.80	1.389
#2	20820.	971.3	11970.	29.21	16.74	-1.263
#3	20760.	969.5	11930.	29.54	18.98	-.6818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41639-e-8-a@4 Acquired: 6/26/2012 20:02:12 Type: Unk
Method: SW84606112012(v14) 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	**2.327**	**-.4807**	**56.09**	**98.53**	**63.14**	**.9074**
Stddev	2.987	1.720	.20	.44	.81	.2714
%RSD	128.4	357.8	.3509	.4515	1.291	29.91
#1	2.294	-2.232	56.31	98.55	63.79	.8026
#2	5.330	1.207	55.97	98.96	63.40	1.216
#3	-.6437	-.4172	55.97	98.07	62.22	.7040
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	**7.767**	**2242.**	**1321.**	**1268.**
Stddev	.316	5.	5.	16.
%RSD	4.070	.2313	.3433	1.294
#1	7.450	2244.	1322.	1268.
#2	8.082	2246.	1325.	1284.
#3	7.767	2236.	1316.	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	**2417.4**	**26774.**	**4855.0**
Stddev	10.2	79.	8.7
%RSD	.42053	.29434	.17998
#1	2406.6	26699.	4853.1
#2	2418.8	26767.	4847.4
#3	2426.7	26856.	4864.6

Sample Name: 460-41645-a-1-h@4 Acquired: 6/26/2012 20:05:49 Type: Unk
Method: SW84606112012(v14) 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	**14290.**	**135.5**	**-1.567**	**73.46**	**1.909**	**7719.**
Stddev	38.	2.1	.424	.24	.090	30.
%RSD	.2659	1.582	27.03	.3221	4.706	.3871
#1	14270.	137.6	-1.602	73.65	1.994	7753.
#2	14270.	135.6	-1.127	73.53	1.918	7704.
#3	14330.	133.3	-1.972	73.19	1.815	7700.
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	**.3380**	**40.43**	**61.48**	**18.64**	**178400.**	**2148.**
Stddev	.0497	.24	.34	1.71	322.	14.
%RSD	14.69	.6034	.5494	9.180	.1804	.6423
#1	.3066	40.63	61.77	16.68	178700.	2142.
#2	.3952	40.16	61.56	19.40	178400.	2139.
#3	.3121	40.49	61.11	19.85	178100.	2164.
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	**1849.**	**196.2**	**358.3**	**45.45**	**67.28**	**-5.114**
Stddev	9.	.4	15.4	.22	1.24	.633
%RSD	.4706	.2173	4.295	.4731	1.841	12.39
#1	1859.	196.6	374.7	45.70	68.29	-5.527
#2	1846.	195.8	344.1	45.37	67.67	-4.384
#3	1842.	196.4	356.0	45.29	65.90	-5.430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41645-a-1-h@4 Acquired: 6/26/2012 20:05:49 Type: Unk
Method: SW84606112012(v14) 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	**3.161**	**-1.343**	**80.22**	**78.31**	**12.31**	**2.796**
Stddev	1.123	1.170	.35	.26	.67	.018
%RSD	35.52	87.13	.4327	.3356	5.454	.6522
#1	4.451	-2.659	80.13	78.40	13.08	2.794
#2	2.627	-.4188	80.60	78.02	11.99	2.815
#3	2.405	-.9514	79.92	78.52	11.86	2.779
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	**7.504**	**78.23**	**375.9**	**1581.**
Stddev	.743	.22	1.1	9.
%RSD	9.898	.2830	.2851	.5376
#1	6.893	78.49	375.0	1590.
#2	7.288	78.10	375.6	1574.
#3	8.331	78.10	377.1	1580.
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	**2556.6**	**28385.**	**4967.5**
Stddev	7.6	53.	33.1
%RSD	.29690	.18592	.66601
#1	2552.8	28329.	4990.0
#2	2565.3	28433.	4982.9
#3	2551.6	28395.	4929.5

Sample Name: 460-41645-a-2-h@4 Acquired: 6/26/2012 20:09:26 Type: Unk
Method: SW84606112012(v14) 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	**14250.**	**25.86**	**-1.033**	**68.72**	**2.673**	**3882.**
Stddev	55.	.78	.616	.21	.215	23.
%RSD	.3849	3.035	59.63	.3110	8.042	.5875
#1	14190.	26.00	-.4021	68.77	2.673	3856.
#2	14290.	26.57	-1.633	68.91	2.457	3893.
#3	14270.	25.02	-1.064	68.49	2.887	3898.
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	**.3171**	**22.83**	**86.59**	**27.24**	**67070.**	**2327.**
Stddev	.0300	.18	.25	1.77	241.	23.
%RSD	9.457	.7721	.2886	6.501	.3592	.9697
#1	.3116	22.67	86.63	25.61	67330.	2310.
#2	.3494	23.02	86.81	26.97	67030.	2352.
#3	.2902	22.82	86.32	29.13	66850.	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	**1829.**	**201.1**	**632.2**	**37.31**	**48.53**	**-1.048**
Stddev	12.	.3	.9	.47	.58	1.187
%RSD	.6608	.1595	.1408	1.270	1.193	113.3
#1	1839.	201.2	631.2	37.75	48.14	-.9086
#2	1832.	201.3	632.6	37.37	49.19	.0631
#3	1815.	200.7	632.8	36.80	48.25	-2.298
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41645-a-2-h@4 Acquired: 6/26/2012 20:09:26 Type: Unk
Method: SW84606112012(v14) 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	**1.250**	**-1.797**	**129.9**	**115.6**	**8.717**	**.6823**
Stddev	2.932	.528	.1	.5	.538	.2691
%RSD	234.5	29.39	.0395	.4625	6.169	39.45
#1	.8475	-1.207	129.9	115.4	9.087	.5409
#2	-1.459	-2.227	129.8	116.2	8.100	.5133
#3	4.362	-1.956	129.9	115.2	8.964	.9926
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	**5.316**	**47.25**	**339.5**	**1361.**
Stddev	.638	.23	.9	20.
%RSD	12.01	.4898	.2717	1.456
#1	6.046	46.98	340.5	1340.
#2	5.040	47.35	338.8	1379.
#3	4.863	47.41	339.1	1363.
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	**2630.5**	**29441.**	**5066.1**
Stddev	3.8	64.	28.3
%RSD	.14518	.21685	.55900
#1	2632.9	29368.	5078.8
#2	2626.1	29474.	5085.9
#3	2632.4	29482.	5033.7

Sample Name: CCV Acquired: 6/26/2012 20:13:03 Type: QC
Method: SW84606112012(v14) 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	**123700.**	**2435.**	**1224.**	**9939.**	**991.9**	**125500.**
Stddev	208.	8.	1.	14.	.8	82.
%RSD	.1681	.3391	.1014	.1448	.0820	.0655
#1	123600.	2427.	1223.	9922.	991.7	125600.
#2	123900.	2436.	1225.	9947.	992.8	125600.
#3	123500.	2443.	1223.	9947.	991.2	125400.
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	**1245.**	**2463.**	**4962.**	**12440.**	**98930.**	**48850.**
Stddev	2.	2.	10.	14.	219.	35.
%RSD	.1796	.0937	.2029	.1093	.2216	.0708
#1	1243.	2460.	4951.	12440.	98680.	48810.
#2	1247.	2465.	4970.	12430.	99100.	48870.
#3	1247.	2464.	4966.	12460.	99000.	48870.
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	**121600.**	**5072.**	**123500.**	**2495.**	**7497.**	**989.3**
Stddev	422.	10.	245.	5.	3.	3.4
%RSD	.3471	.1884	.1980	.1852	.0455	.3468
#1	121100.	5061.	123700.	2490.	7493.	986.7
#2	121900.	5079.	123600.	2496.	7500.	993.2
#3	121800.	5075.	123200.	2499.	7497.	988.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 20:13:03 Type: QC
Method: SW84606112012(v14) 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	**2389.**	**2525.**	**2456.**	**2463.**	**987.8**	**2485.**
Stddev	9.	3.	5.	3.	2.5	3.
%RSD	.3761	.1105	.2237	.1373	.2581	.1247
#1	2379.	2522.	2450.	2460.	985.0	2482.
#2	2397.	2526.	2460.	2466.	988.3	2486.
#3	2391.	2527.	2459.	2465.	990.1	2488.
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	**987.9**	**5020.**	**9869.**	**9745.**
Stddev	2.6	4.	26.	161.
%RSD	.2582	.0791	.2614	1.651
#1	985.0	5024.	9853.	9573.
#2	989.2	5020.	9899.	9772.
#3	989.5	5016.	9855.	9891.
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	**2353.5**	**26044.**	**4702.2**
Stddev	12.2	26.	14.2
%RSD	.52014	.09897	.30228
#1	2367.1	26053.	4686.4
#2	2350.0	26015.	4706.3
#3	2343.4	26065.	4713.9

Sample Name: CCB Acquired: 6/26/2012 20:16:23 Type: QC
Method: SW84606112012(v14) 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	**25.13**	**.3648**	**.0864**	**.5399**	**-.0086**	**24.97**
Stddev	27.82	.5186	.5603	.2495	.0351	10.92
%RSD	110.7	142.2	648.3	46.21	406.3	43.74
#1	42.78	.6378	-.2013	.8273	.0145	37.53
#2	39.55	-.2333	-.2715	.4130	.0086	17.70
#3	-6.931	.6898	.7321	.3794	-.0490	19.69
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	**.0846**	**-.0238**	**.4132**	**1.222**	**17.81**	**89.27**
Stddev	.0108	.0584	.2091	.201	9.78	24.33
%RSD	12.75	245.8	50.60	16.47	54.92	27.26
#1	.0731	-.0136	.6342	1.014	28.88	76.57
#2	.0945	.0289	.2184	1.236	10.34	117.3
#3	.0862	-.0866	.3871	1.416	14.21	73.91
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	**9.323**	**.3779**	**-41.10**	**.2528**	**-.8207**	**1.721**
Stddev	8.369	.4301	34.14	.2380	1.142	.522
%RSD	89.77	113.8	83.06	94.14	139.1	30.35
#1	18.51	.8558	-6.962	.3175	-1.631	2.093
#2	7.323	.2558	-41.10	.4518	-1.316	1.124
#3	2.134	.0220	-75.24	-.0108	.4851	1.946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 20:16:23 Type: QC
Method: SW84606112012(v14) 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	**1.092**	**1.122**	**-.0451**	**.2617**	**-.9305**	**3.258**
Stddev	1.227	2.297	.0937	.1254	.2882	.464
%RSD	112.4	204.7	207.7	47.91	30.98	14.25
#1	1.255	-1.494	-.0141	.3430	-.5981	3.761
#2	2.230	2.053	-.1504	.3249	-1.111	3.167
#3	-.2086	2.807	.0291	.1173	-1.083	2.846
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	**1.451**	**.5073**	**2.625**	**5.544**
Stddev	.673	.6613	1.871	14.57
%RSD	46.35	130.4	71.28	262.8
#1	1.160	1.267	4.134	-6.024
#2	.9730	.1975	3.208	.7456
#3	2.220	.0578	.5316	21.91
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	**2504.4**	**27951.**	**4758.2**
Stddev	23.1	204.	33.8
%RSD	.92189	.73011	.71137
#1	2517.4	28074.	4753.5
#2	2518.0	28062.	4794.2
#3	2477.7	27715.	4727.0

Sample Name: 460-41534-e-1-c@4 Acquired: 6/26/2012 20:20:09 Type: Unk
Method: SW84606112012(v14) 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	**54680.**	**89.16**	**2.039**	**1543.**	**5.340**	**11220.**
Stddev	142.	1.53	.372	1.	.134	17.
%RSD	.2601	1.716	18.25	.0657	2.510	.1547
#1	54630.	87.52	1.995	1542.	5.295	11240.
#2	54840.	90.54	1.691	1543.	5.235	11210.
#3	54580.	89.43	2.431	1544.	5.491	11210.
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	**8.268**	**73.02**	**311.9**	**412.3**	**105300.**	**4713.**
Stddev	.058	.22	.4	2.2	96.	49.
%RSD	.7002	.3021	.1144	.5426	.0912	1.035
#1	8.217	72.99	311.6	413.2	105200.	4662.
#2	8.331	72.81	312.3	413.9	105300.	4759.
#3	8.255	73.25	311.9	409.7	105400.	4716.
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	**12200.**	**4156.**	**911.3**	**138.3**	**1179.**	**-.2866**
Stddev	23.	6.	16.7	.8	4.	.9028
%RSD	.1891	.1389	1.832	.5544	.3180	315.0
#1	12180.	4154.	909.3	138.6	1183.	-1.259
#2	12210.	4152.	895.8	137.5	1176.	-.1250
#3	12220.	4163.	929.0	139.0	1179.	.5245
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41534-e-1-c@4 Acquired: 6/26/2012 20:20:09 Type: Unk
Method: SW84606112012(v14) 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	**7.066**	**.8065**	**103.8**	**2156.**	**16.12**	**1.625**
Stddev	.067	1.336	.4	1.	.44	.096
%RSD	.9532	165.7	.3510	.0688	2.736	5.925
#1	7.044	2.036	103.4	2157.	16.24	1.736
#2	7.012	.9988	104.1	2154.	15.63	1.565
#3	7.141	-.6152	103.9	2156.	16.49	1.573
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	**53.68**	**135.9**	**1312.**	**1715.**
Stddev	.47	.5	4.	12.
%RSD	.8702	.3641	.2838	.6938
#1	53.86	136.4	1310.	1701.
#2	54.03	135.4	1316.	1721.
#3	53.15	135.9	1309.	1723.
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	**2664.0**	**29494.**	**5145.3**
Stddev	8.9	66.	13.9
%RSD	.33274	.22496	.26920
#1	2658.2	29513.	5138.3
#2	2674.2	29548.	5136.4
#3	2659.6	29420.	5161.3

Sample Name: 460-41534-e-2-e@4 Acquired: 6/26/2012 20:23:39 Type: Unk
Method: SW84606112012(v14) 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	**19430.**	**41.91**	**-.4811**	**249.6**	**1.206**	**6063.**
Stddev	49.	2.36	.4000	.4	.069	21.
%RSD	.2544	5.633	83.14	.1699	5.749	.3431
#1	19450.	44.64	-.1377	250.1	1.198	6085.
#2	19380.	40.52	-.9203	249.5	1.142	6060.
#3	19470.	40.58	-.3853	249.3	1.280	6044.
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	**1.498**	**23.83**	**64.34**	**127.9**	**49030.**	**4903.**
Stddev	.049	.08	.50	3.5	109.	10.
%RSD	3.299	.3375	.7703	2.773	.2213	.2049
#1	1.530	23.74	64.53	125.2	49110.	4901.
#2	1.522	23.88	64.71	131.9	49080.	4914.
#3	1.441	23.88	63.78	126.6	48910.	4894.
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	**6483.**	**563.6**	**1657.**	**58.71**	**173.2**	**4.021**
Stddev	2.	1.5	20.	.29	1.1	1.889
%RSD	.0357	.2636	1.229	.4916	.6181	46.97
#1	6481.	563.4	1679.	58.38	172.7	5.048
#2	6483.	565.2	1651.	58.91	172.4	1.842
#3	6485.	562.2	1640.	58.83	174.4	5.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41534-e-2-e@4 Acquired: 6/26/2012 20:23:39 Type: Unk
Method: SW84606112012(v14) 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	**2.858**	**-.7493**	**94.75**	**347.5**	**8.215**	**3.747**
Stddev	1.705	1.477	.37	.6	.588	.128
%RSD	59.66	197.2	.3875	.1838	7.152	3.403
#1	1.109	-1.880	94.78	346.9	8.882	3.649
#2	2.949	.9223	95.09	348.1	7.988	3.891
#3	4.516	-1.290	94.36	347.6	7.775	3.702
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	**25.79**	**109.1**	**1429.**	**1470.**
Stddev	.83	.3	5.	21.
%RSD	3.206	.3097	.3456	1.453
#1	25.16	109.2	1434.	1475.
#2	26.73	109.3	1428.	1489.
#3	25.48	108.7	1424.	1447.
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	**2518.5**	**28184.**	**4816.2**
Stddev	3.7	98.	16.5
%RSD	.14565	.34607	.34313
#1	2522.3	28087.	4814.5
#2	2515.0	28183.	4833.5
#3	2518.1	28282.	4800.5

Sample Name: 460-41534-e-3-c@4 Acquired: 6/26/2012 20:27:15 Type: Unk
Method: SW84606112012(v14) 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	**66950.**	**72.14**	**-.0494**	**529.0**	**4.172**	**10040.**
Stddev	169.	.95	.2401	1.3	.088	34.
%RSD	.2529	1.315	486.4	.2470	2.102	.3429
#1	66880.	71.92	-.1084	529.4	4.212	10020.
#2	67140.	71.33	.2148	530.0	4.233	10080.
#3	66820.	73.18	-.2544	527.5	4.072	10030.
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	**4.970**	**67.79**	**289.9**	**182.9**	**111800.**	**7296.**
Stddev	.116	.37	.5	2.9	58.	34.
%RSD	2.332	.5435	.1820	1.578	.0521	.4628
#1	4.904	67.94	289.4	182.5	111800.	7334.
#2	5.104	68.06	289.9	185.9	111700.	7286.
#3	4.903	67.37	290.5	180.2	111800.	7269.
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	**19830.**	**1867.**	**3342.**	**124.0**	**323.6**	**-1.808**
Stddev	14.	1.	32.	.6	1.1	3.678
%RSD	.0722	.0511	.9645	.4983	.3346	203.4
#1	19820.	1866.	3370.	124.5	323.4	-3.111
#2	19840.	1866.	3351.	124.1	324.7	2.344
#3	19840.	1868.	3307.	123.3	322.6	-4.658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41534-e-3-c@4 Acquired: 6/26/2012 20:27:15 Type: Unk
Method: SW84606112012(v14) 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	**5.323**	**-1.336**	**146.1**	**1162.**	**25.91**	**.9747**
Stddev	2.299	1.319	.3	1.	.58	.1121
%RSD	43.19	98.76	.2029	.1032	2.251	11.50
#1	7.964	-1.562	146.4	1162.	25.30	.9540
#2	3.766	-2.527	146.0	1163.	25.97	1.096
#3	4.240	.0819	145.9	1161.	26.46	.8744
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	**27.40**	**96.18**	**2392.**	**1674.**
Stddev	.85	.35	4.	15.
%RSD	3.119	.3653	.1572	.8707
#1	28.34	96.36	2395.	1674.
#2	27.17	96.39	2393.	1688.
#3	26.68	95.77	2388.	1659.
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	**2685.4**	**29739.**	**5200.0**
Stddev	9.1	96.	25.9
%RSD	.33795	.32370	.49761
#1	2676.6	29635.	5184.0
#2	2684.7	29757.	5186.2
#3	2694.7	29825.	5229.9

Sample Name: 460-41534-e-4-c@4 Acquired: 6/26/2012 20:30:47 Type: Unk
Method: SW84606112012(v14) 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	**10160.**	**8.602**	**-.4622**	**50.13**	**.8211**	**1171.**
Stddev	42.	1.551	.3772	.14	.1865	17.
%RSD	.4172	18.03	81.60	.2779	22.71	1.419
#1	10170.	9.547	-.3010	50.22	.9002	1189.
#2	10190.	6.812	-.8932	50.20	.6081	1158.
#3	10110.	9.446	-.1924	49.97	.9551	1165.
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	**.2967**	**13.34**	**50.52**	**35.48**	**29000.**	**1336.**
Stddev	.0686	.27	.47	1.60	100.	13.
%RSD	23.12	2.001	.9352	4.504	.3449	.9423
#1	.3614	13.32	51.06	37.16	29120.	1338.
#2	.2248	13.62	50.29	33.97	28980.	1348.
#3	.3037	13.08	50.21	35.32	28920.	1323.
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	**3236.**	**163.7**	**-58.12**	**20.70**	**38.91**	**-.4547**
Stddev	17.	.5	3.59	.49	.42	2.068
%RSD	.5287	.2938	6.183	2.363	1.088	454.8
#1	3256.	163.8	-56.69	20.35	38.69	-2.834
#2	3224.	164.0	-62.21	21.26	38.64	.5663
#3	3229.	163.1	-55.47	20.48	39.40	.9041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41534-e-4-c@4 Acquired: 6/26/2012 20:30:47 Type: Unk
Method: SW84606112012(v14) 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	**3.978**	**.0274**	**36.41**	**163.1**	**7.160**	**.4031**
Stddev	1.072	1.725	.59	.4	.405	.2058
%RSD	26.96	6306.	1.608	.2749	5.654	51.07
#1	5.185	2.019	37.01	162.8	7.583	.5485
#2	3.611	-.9984	36.36	163.6	7.123	.1676
#3	3.137	-.9383	35.84	162.9	6.776	.4931
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	**8.924**	**12.73**	**229.5**	**1074.**
Stddev	.959	.19	.5	8.
%RSD	10.75	1.510	.2223	.7546
#1	8.889	12.95	230.1	1082.
#2	9.900	12.62	229.2	1074.
#3	7.983	12.62	229.2	1066.
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	**2521.7**	**28019.**	**4831.7**
Stddev	6.9	79.	18.5
%RSD	.27406	.28280	.38237
#1	2528.0	27933.	4851.9
#2	2522.7	28088.	4827.4
#3	2514.3	28038.	4815.7

Sample Name: 460-41534-e-5-c@4 Acquired: 6/26/2012 20:34:25 Type: Unk
Method: SW84606112012(v14) 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	**73440.**	**168.2**	**.4324**	**909.0**	**4.933**	**13270.**
Stddev	146.	1.8	.8172	1.8	.122	33.
%RSD	.1983	1.083	189.0	.2010	2.468	.2487
#1	73400.	169.6	.9429	911.0	4.806	13250.
#2	73600.	168.7	-.5102	907.4	4.943	13310.
#3	73320.	166.1	.8645	908.7	5.049	13260.
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	**4.142**	**74.34**	**460.7**	**280.5**	**123600.**	**7227.**
Stddev	.117	.28	.8	1.8	162.	37.
%RSD	2.819	.3780	.1807	.6414	.1313	.5185
#1	4.103	74.45	461.1	279.8	123800.	7239.
#2	4.273	74.02	461.3	282.5	123500.	7256.
#3	4.049	74.54	459.8	279.1	123600.	7184.
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	**20080.**	**1573.**	**508.7**	**134.7**	**609.6**	**.9949**
Stddev	23.	1.	12.6	.3	1.5	1.282
%RSD	.1132	.0738	2.473	.1982	.2474	128.9
#1	20090.	1574.	495.0	135.0	611.3	2.295
#2	20080.	1572.	511.5	134.5	608.9	-.2687
#3	20050.	1573.	519.7	134.5	608.6	.9582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41534-e-5-c@4 Acquired: 6/26/2012 20:34:25 Type: Unk
Method: SW84606112012(v14) 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	**3.528**	**-.9111**	**135.0**	**2377.**	**20.05**	**-.1252**
Stddev	1.609	2.729	.4	1.	.46	.1891
%RSD	45.60	299.6	.2670	.0399	2.277	151.1
#1	4.396	-3.876	135.1	2378.	20.27	.0832
#2	4.516	1.497	135.2	2376.	19.53	-.2860
#3	1.672	-.3541	134.5	2376.	20.36	-.1727
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	**68.78**	**131.3**	**2054.**	**1445.**
Stddev	.68	.3	3.	7.
%RSD	.9882	.1929	.1371	.4722
#1	68.02	131.5	2052.	1447.
#2	69.34	131.1	2057.	1450.
#3	68.97	131.5	2053.	1437.
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	**2679.5**	**29635.**	**5204.1**
Stddev	6.6	54.	19.3
%RSD	.24751	.18119	.37110
#1	2672.5	29579.	5202.4
#2	2685.7	29686.	5185.7
#3	2680.3	29640.	5224.2

Sample Name: 460-41529-d-2-c du Acquired: 6/26/2012 20:37:56 Type: Unk
Method: SW84606112012(v14) 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	**102.7**	**.0492**	**.2152**	**99.06**	**-.1452**	**67820.**
Stddev	9.8	2.383	.2126	.28	.0875	162.
%RSD	9.530	4842.	98.78	.2817	60.26	.2384
#1	106.7	.4516	.2400	99.38	-.0693	68010.
#2	109.9	2.205	-.0087	98.93	-.2409	67730.
#3	91.59	-2.509	.4144	98.87	-.1254	67720.
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	**.1568**	**.2029**	**1.208**	**15.27**	**3110.**	**2924.**
Stddev	.0445	.1779	.316	.81	26.	32.
%RSD	28.38	87.68	26.14	5.330	.8351	1.089
#1	.1334	.0283	1.546	14.54	3133.	2888.
#2	.1289	.1965	.9205	15.12	3114.	2948.
#3	.2081	.3840	1.158	16.15	3082.	2935.
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	**13560.**	**336.2**	**62780.**	**1.152**	**.4173**	**-.6061**
Stddev	22.	.3	228.	.389	.7263	1.893
%RSD	.1594	.0797	.3637	33.79	174.1	312.4
#1	13570.	336.3	63050.	1.215	.6152	-.6522
#2	13580.	336.4	62670.	.7354	-.3875	1.310
#3	13540.	335.9	62630.	1.507	1.024	-2.476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-2-c du Acquired: 6/26/2012 20:37:56 Type: Unk
Method: SW84606112012(v14) 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	**2.422**	**-.1199**	**.4750**	**352.6**	**44.33**	**-.5310**
Stddev	4.375	1.312	.1557	1.0	.07	.1904
%RSD	180.6	1094.	32.79	.2850	.1646	35.86
#1	-2.186	.0490	.5256	353.8	44.34	-.6766
#2	6.518	1.100	.3002	352.0	44.41	-.3155
#3	2.933	-1.508	.5991	352.1	44.26	-.6008
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	**1.552**	**84.23**	**3.913**	**4968.**
Stddev	.782	.22	.490	26.
%RSD	50.38	.2587	12.52	.5174
#1	2.423	84.45	4.205	4970.
#2	.9094	84.01	4.186	4942.
#3	1.325	84.24	3.347	4993.
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	**2498.7**	**27631.**	**4904.3**
Stddev	3.5	166.	19.5
%RSD	.14043	.60023	.39696
#1	2502.6	27756.	4882.8
#2	2497.6	27443.	4909.4
#3	2495.8	27694.	4920.7

Sample Name: 460-41529-d-2-b Acquired: 6/26/2012 20:41:35 Type: Unk
Method: SW84606112012(v14) 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	**83.98**	**-.1556**	**.1364**	**99.78**	**-.0496**	**67820.**
Stddev	18.12	2.563	.2700	.33	.0187	183.
%RSD	21.57	1647.	197.9	.3279	37.76	.2694
#1	104.5	2.654	.2040	99.85	-.0675	67930.
#2	70.26	-2.367	-.1609	100.1	-.0512	67610.
#3	77.16	-.7534	.3661	99.42	-.0301	67920.
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	**.0448**	**.0273**	**1.276**	**13.65**	**3122.**	**2979.**
Stddev	.1483	.0423	.181	3.41	8.	13.
%RSD	330.9	155.0	14.17	24.97	.2561	.4396
#1	.1792	.0256	1.147	14.82	3130.	2993.
#2	.0695	.0704	1.199	16.32	3114.	2967.
#3	-.1143	-.0142	1.483	9.813	3121.	2978.
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	**13650.**	**338.9**	**62710.**	**1.922**	**.2247**	**-.7109**
Stddev	14.	.3	92.	.237	.8202	1.260
%RSD	.0992	.0966	.1462	12.34	365.1	177.3
#1	13640.	339.3	62810.	1.892	1.164	-2.108
#2	13660.	338.6	62630.	2.173	-.3463	-.3648
#3	13640.	338.9	62680.	1.702	-.1442	.3401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-2-b Acquired: 6/26/2012 20:41:35 Type: Unk
Method: SW84606112012(v14) 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	**1.994**	**-.1260**	**.3167**	**355.6**	**45.02**	**-.2318**
Stddev	3.051	1.449	.5492	.9	1.03	.1400
%RSD	153.0	1150.	173.4	.2424	2.279	60.39
#1	2.489	-.1208	-.2265	355.0	44.97	-.1403
#2	-1.274	1.320	.8718	356.6	46.07	-.3929
#3	4.768	-1.578	.3048	355.4	44.02	-.1621
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	**.5910**	**84.65**	**3.812**	**5036.**
Stddev	.4141	.35	1.023	9.
%RSD	70.07	.4155	26.82	.1691
#1	.9377	84.65	4.990	5036.
#2	.1325	84.29	3.298	5027.
#3	.7029	85.00	3.149	5044.
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	**2514.3**	**27807.**	**4983.3**
Stddev	10.0	42.	9.3
%RSD	.39628	.15016	.18721
#1	2522.9	27837.	4974.9
#2	2516.5	27825.	4993.4
#3	2503.4	27759.	4981.7

Sample Name: sd 460-41529-d-2-b@5 Acquired: 6/26/2012 20:45:14 Type: Unk
Method: SW84606112012(v14) 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	**29.14**	**-1.802**	**.1122**	**20.00**	**-.0441**	**13570.**
Stddev	7.32	.274	.1911	.20	.0714	23.
%RSD	25.10	15.23	170.3	.9986	161.8	.1681
#1	21.22	-1.984	-.0567	20.14	-.0733	13590.
#2	35.65	-1.936	.0738	20.09	.0373	13540.
#3	30.55	-1.487	.3197	19.78	-.0963	13570.
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	**.0786**	**-.0661**	**.2517**	**3.909**	**613.2**	**607.7**
Stddev	.1003	.1217	.1939	4.885	13.6	17.7
%RSD	127.6	184.1	77.02	125.0	2.216	2.910
#1	.1942	.0493	.4338	5.911	606.0	593.5
#2	.0258	-.0543	.0479	7.475	604.7	627.5
#3	.0157	-.1932	.2734	-1.658	628.9	602.0
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	**2700.**	**67.86**	**12470.**	**.3449**	**-.9931**	**-.3223**
Stddev	11.	.27	30.	.1200	1.256	.3978
%RSD	.4005	.3960	.2424	34.78	126.4	123.4
#1	2702.	68.07	12510.	.2604	-.0968	-.1237
#2	2709.	67.95	12460.	.2921	-2.428	-.7803
#3	2688.	67.56	12450.	.4822	-.4542	-.0629
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-41529-d-2-b@5 Acquired: 6/26/2012 20:45:14 Type: Unk
Method: SW84606112012(v14) 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	**1.408**	**.4023**	**-.1987**	**69.47**	**8.417**	**-.4173**
Stddev	2.359	2.890	.5033	.21	.723	.1959
%RSD	167.6	718.4	253.3	.3050	8.594	46.94
#1	-1.288	3.719	.3796	69.66	9.248	-.6144
#2	3.098	-1.574	-.5376	69.50	7.928	-.2226
#3	2.413	-.9383	-.4382	69.24	8.075	-.4148
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	**1.415**	**16.82**	**.7834**	**959.9**
Stddev	.232	.31	1.006	22.1
%RSD	16.41	1.822	128.4	2.300
#1	1.314	16.87	1.277	935.1
#2	1.680	17.10	1.448	977.6
#3	1.250	16.49	-.3741	966.8
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	**2538.0**	**28198.**	**4951.5**
Stddev	2.3	83.	10.4
%RSD	.09076	.29278	.20916
#1	2539.6	28168.	4946.7
#2	2535.3	28134.	4944.4
#3	2539.0	28291.	4963.4

Sample Name: 460-41529-d-2-d ms Acquired: 6/26/2012 20:48:57 Type: Unk
Method: SW84606112012(v14) 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	**2014.**	**1962.**	**47.98**	**2098.**	**49.59**	**88200.**
Stddev	15.	2.	.95	3.	.11	227.
%RSD	.7294	.1149	1.977	.1661	.2263	.2573
#1	2031.	1960.	49.00	2102.	49.53	88340.
#2	2005.	1964.	47.82	2095.	49.72	87940.
#3	2007.	1961.	47.12	2098.	49.52	88320.
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	**50.86**	**503.0**	**201.6**	**262.6**	**4141.**	**22000.**
Stddev	.12	.3	1.1	1.2	18.	104.
%RSD	.2434	.0510	.5224	.4379	.4387	.4706
#1	50.81	502.7	202.2	261.3	4124.	21980.
#2	50.77	503.1	202.2	263.4	4139.	21910.
#3	51.00	503.2	200.4	263.1	4160.	22110.
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	**32910.**	**857.7**	**82600.**	**511.7**	**514.2**	**481.7**
Stddev	91.	1.8	232.	.4	1.0	3.1
%RSD	.2757	.2086	.2811	.0800	.2022	.6537
#1	32980.	856.4	82840.	511.8	513.7	484.6
#2	32940.	859.7	82380.	511.3	515.4	482.2
#3	32810.	856.9	82580.	512.1	513.5	478.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-2-d ms Acquired: 6/26/2012 20:48:57 Type: Unk
Method: SW84606112012(v14) 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	**1952.**	**2101.**	**495.1**	**861.6**	**560.5**	**490.8**
Stddev	4.	.	1.7	.7	.9	.8
%RSD	.2095	.0232	.3509	.0766	.1540	.1547
#1	1949.	2101.	495.2	861.1	559.5	491.4
#2	1951.	2100.	496.8	861.3	561.2	491.1
#3	1957.	2101.	493.4	862.4	560.9	490.0
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	**507.3**	**563.9**	**499.6**	**5222.**
Stddev	.3	1.5	3.1	35.
%RSD	.0516	.2619	.6208	.6673
#1	507.2	564.4	501.8	5209.
#2	507.6	562.2	500.9	5261.
#3	507.2	565.0	496.0	5195.
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	**2481.0**	**27426.**	**4954.3**
Stddev	7.3	112.	16.1
%RSD	.29486	.40734	.32511
#1	2488.8	27550.	4946.3
#2	2479.7	27395.	4972.8
#3	2474.4	27334.	4943.7

Sample Name: lcs 460-117481/2-a Acquired: 6/26/2012 20:52:19 Type: QC
Method: SW84606112012(v14) 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	**1961.**	**1959.**	**48.84**	**2035.**	**49.68**	**20200.**
Stddev	4.	3.	.20	3.	.06	32.
%RSD	.1799	.1607	.4015	.1666	.1267	.1579
#1	1965.	1956.	49.07	2031.	49.61	20190.
#2	1961.	1958.	48.73	2036.	49.72	20230.
#3	1958.	1962.	48.73	2038.	49.72	20170.
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	**52.41**	**515.6**	**203.2**	**248.2**	**1034.**	**19280.**
Stddev	.03	1.1	.5	1.1	17.	22.
%RSD	.0651	.2221	.2285	.4351	1.661	.1153
#1	52.40	514.4	203.7	247.2	1051.	19280.
#2	52.45	516.6	202.8	249.3	1017.	19270.
#3	52.39	515.8	203.2	248.1	1035.	19310.
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	**19600.**	**523.5**	**19510.**	**525.4**	**532.2**	**482.2**
Stddev	3.	.7	18.	1.7	.4	3.3
%RSD	.0143	.1313	.0898	.3245	.0784	.6792
#1	19600.	524.2	19520.	524.6	532.7	482.5
#2	19600.	522.8	19520.	524.3	532.0	485.3
#3	19610.	523.6	19490.	527.4	532.0	478.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-117481/2-a Acquired: 6/26/2012 20:52:19 Type: QC
Method: SW84606112012(v14) 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	**1978.**	**2210.**	**493.8**	**517.3**	**522.8**	**496.3**
Stddev	3.	9.	.8	.8	2.2	.9
%RSD	.1725	.3989	.1692	.1529	.4254	.1860
#1	1975.	2201.	494.7	516.6	520.5	495.8
#2	1977.	2218.	493.3	517.0	523.1	497.4
#3	1982.	2211.	493.3	518.1	524.9	495.8
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	**517.7**	**484.8**	**495.5**	F **61.19**
Stddev	.6	1.2	1.5	22.35
%RSD	.1255	.2456	.3052	36.53
#1	518.0	483.5	493.8	37.38
#2	518.1	485.8	496.1	81.73
#3	516.9	485.0	496.7	64.45
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	**2532.9**	**28070.**	**4973.4**
Stddev	9.8	70.	10.9
%RSD	.38581	.24880	.21880
#1	2542.2	28120.	4960.9
#2	2533.7	28099.	4981.0
#3	2522.7	27990.	4978.3

Sample Name: CCV Acquired: 6/26/2012 20:55:46 Type: QC
Method: SW84606112012(v14) 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.**	**2466.**	**1226.**	**9964.**	**983.3**	**123900.**
Stddev	197.	5.	2.	9.	1.4	235.
%RSD	.1598	.2225	.1229	.0888	.1419	.1895
#1	122800.	2466.	1227.	9972.	984.8	123700.
#2	122900.	2472.	1224.	9964.	982.8	123800.
#3	123100.	2461.	1227.	9955.	982.2	124200.
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	**1252.**	**2476.**	**4977.**	**12300.**	**99010.**	**48370.**
Stddev	2.	3.	4.	36.	63.	86.
%RSD	.1487	.1023	.0797	.2893	.0637	.1769
#1	1253.	2479.	4981.	12320.	99050.	48270.
#2	1252.	2474.	4974.	12260.	99040.	48420.
#3	1250.	2476.	4976.	12310.	98940.	48420.
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.**	**5062.**	**122000.**	**2509.**	**7515.**	**995.4**
Stddev	143.	6.	157.	3.	7.	2.9
%RSD	.1173	.1204	.1284	.1323	.0865	.2923
#1	121900.	5069.	121900.	2512.	7521.	996.7
#2	121800.	5057.	121900.	2511.	7515.	997.5
#3	122100.	5060.	122200.	2505.	7508.	992.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 20:55:46 Type: QC
Method: SW84606112012(v14) 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	**2421.**	**2532.**	**2461.**	**2463.**	**994.3**	**2491.**
Stddev	12.	6.	2.	2.	1.0	2.
%RSD	.4757	.2372	.0930	.0803	.0963	.0876
#1	2433.	2537.	2464.	2464.	993.3	2493.
#2	2418.	2533.	2461.	2464.	995.3	2490.
#3	2410.	2526.	2459.	2461.	994.3	2489.
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**	**4995.**	**9828.**	**9837.**
Stddev	1.7	3.	13.	44.
%RSD	.1753	.0635	.1370	.4506
#1	992.5	4994.	9812.	9827.
#2	989.0	4993.	9837.	9799.
#3	991.1	4999.	9834.	9886.
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	**2363.7**	**26235.**	**4819.7**
Stddev	7.5	69.	13.3
%RSD	.31534	.26179	.27677
#1	2357.2	26155.	4804.3
#2	2362.1	26277.	4828.5
#3	2371.9	26272.	4826.2

Sample Name: CCB Acquired: 6/26/2012 20:59:05 Type: QC
Method: SW84606112012(v14) 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	**31.84**	**-.4935**	**-.3042**	**.5310**	**.0614**	**24.19**
Stddev	34.17	1.930	.3039	.5730	.0619	13.57
%RSD	107.3	391.1	99.91	107.9	100.8	56.09
#1	70.40	-2.713	.0458	1.172	.0146	39.05
#2	19.86	.4407	-.4567	.3529	.1315	21.04
#3	5.275	.7915	-.5017	.0682	.0380	12.47
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	**-.0327**	**.0502**	**.4560**	**.5857**	**8.681**	**153.1**
Stddev	.1335	.1130	.5321	3.417	3.240	89.3
%RSD	408.3	225.0	116.7	583.4	37.32	58.34
#1	.0446	.0152	1.067	3.514	10.01	252.8
#2	.0441	.1766	.0949	1.411	11.05	80.64
#3	-.1868	-.0411	.2060	-3.168	4.989	125.7
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	**10.93**	**.5412**	**-38.11**	**.4299**	**-.5470**	**.7278**
Stddev	9.72	.5119	17.22	.2713	1.308	.7895
%RSD	88.90	94.60	45.18	63.12	239.2	108.5
#1	21.81	1.093	-18.51	.7058	.5966	-.1286
#2	7.867	.4485	-45.00	.1634	-.2635	1.427
#3	3.114	.0819	-50.80	.4205	-1.974	.8854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 20:59:05 Type: QC
Method: SW84606112012(v14) 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	**2.472**	**1.882**	**.1630**	**.3062**	**.3022**	**3.376**
Stddev	1.562	1.187	.4614	.1720	.2661	.290
%RSD	63.17	63.08	283.0	56.15	88.03	8.581
#1	2.933	2.959	.6642	.4858	.1883	3.616
#2	.7322	.6087	-.2443	.2898	.1121	3.457
#3	3.752	2.079	.0692	.1431	.6063	3.054
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	**.9652**	**.7413**	**2.967**	**-7.707**
Stddev	.5468	.6987	.358	16.01
%RSD	56.65	94.25	12.07	207.7
#1	1.081	1.530	3.338	-1.423
#2	.3699	.4922	2.942	4.203
#3	1.445	.2013	2.623	-25.90
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	**2525.6**	**27978.**	**4841.1**
Stddev	10.3	129.	55.8
%RSD	.40901	.46023	1.1520
#1	2528.0	28039.	4902.1
#2	2534.5	28066.	4828.4
#3	2514.3	27831.	4792.7

Sample Name: mb 460-117481/1-a Acquired: 6/26/2012 21:02:51 Type: QC
Method: SW84606112012(v14) 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	**2.625**	**-.6195**	**-.1508**	**.0251**	**-.0606**	**26.48**
Stddev	9.833	.0522	.3761	.1155	.1696	7.97
%RSD	374.6	8.434	249.4	460.5	279.8	30.12
#1	13.61	-.5594	-.3257	.0849	.0949	32.79
#2	-5.356	-.6543	.2809	.0984	-.2414	17.51
#3	-.3779	-.6448	-.4076	-.1081	-.0353	29.13
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	**.0401**	**-.0115**	**.2029**	**2.336**	**-8.671**	**35.00**
Stddev	.0190	.3719	.3339	.774	7.590	50.95
%RSD	47.49	3237.	164.6	33.15	87.53	145.5
#1	.0484	-.4409	.1426	1.452	-9.750	47.20
#2	.0183	.2003	-.0968	2.663	-15.66	78.75
#3	.0536	.2061	.5629	2.893	-.5990	-20.93
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	**-4.703**	**.0963**	**-77.75**	**.1859**	**-1.187**	**1.431**
Stddev	2.789	.0912	6.00	.2521	.944	.527
%RSD	59.30	94.68	7.713	135.6	79.53	36.85
#1	-2.004	.1325	-76.69	.1938	-.3016	1.103
#2	-4.531	.1639	-72.36	.4339	-2.180	1.150
#3	-7.573	-.0074	-84.21	-.0700	-1.078	2.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-117481/1-a Acquired: 6/26/2012 21:02:51 Type: QC
Method: SW84606112012(v14) 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	**-.1589**	**.9828**	**-.1357**	**.1734**	**.0509**	**.3116**
Stddev	2.090	.5570	.2001	.0287	.7773	.2227
%RSD	1315.	56.67	147.5	16.56	1528.	71.46
#1	.9586	.8403	-.3432	.1551	-.8206	.0696
#2	-2.570	.5109	-.1200	.1585	.6727	.5078
#3	1.135	1.597	.0561	.2065	.3005	.3574
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	**1.433**	**.0360**	**-.0489**	**1.638**
Stddev	.338	.0114	.4566	2.417
%RSD	23.60	31.67	934.5	147.5
#1	1.697	.0324	.4612	.7164
#2	1.052	.0269	-.4195	-.1822
#3	1.551	.0488	-.1883	4.380
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	**2544.7**	**28004.**	**4845.9**
Stddev	7.5	87.	17.3
%RSD	.29470	.30943	.35782
#1	2551.6	28082.	4858.9
#2	2545.9	27911.	4826.2
#3	2536.7	28020.	4852.6

Sample Name: pds 460-41529-d-2-b Acquired: 6/26/2012 21:06:35 Type: Unk
Method: SW84606112012(v14) 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	**2015.**	**1956.**	**48.36**	**2086.**	**49.10**	**86130.**
Stddev	17.	9.	.30	2.	.18	157.
%RSD	.8317	.4491	.6135	.1044	.3756	.1827
#1	2032.	1956.	48.65	2087.	48.99	86210.
#2	2014.	1948.	48.38	2083.	49.01	86240.
#3	1998.	1966.	48.05	2087.	49.32	85950.
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	**50.89**	**500.2**	**201.1**	**257.3**	**4048.**	**21900.**
Stddev	.14	1.1	.2	1.3	6.	51.
%RSD	.2690	.2161	.0918	.5187	.1557	.2332
#1	50.86	499.3	200.9	256.0	4041.	21850.
#2	50.77	499.8	201.0	257.4	4050.	21950.
#3	51.04	501.4	201.3	258.6	4053.	21910.
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	**32490.**	**844.6**	**80650.**	**511.5**	**513.0**	**480.9**
Stddev	32.	1.0	237.	.7	1.6	4.9
%RSD	.0988	.1140	.2940	.1313	.3036	1.014
#1	32520.	844.0	80900.	512.3	511.7	484.9
#2	32500.	845.7	80600.	511.0	512.5	475.5
#3	32460.	844.0	80430.	511.3	514.7	482.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-41529-d-2-b Acquired: 6/26/2012 21:06:35 Type: Unk
Method: SW84606112012(v14) 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	**1948.**	**2100.**	**490.8**	**851.8**	**554.3**	**489.0**
Stddev	7.	5.	.7	.7	.7	.4
%RSD	.3726	.2616	.1366	.0769	.1346	.0899
#1	1940.	2104.	490.6	852.6	553.9	489.0
#2	1950.	2094.	491.5	851.5	553.9	489.4
#3	1955.	2102.	490.2	851.4	555.2	488.5
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**	**558.4**	**492.7**	**5046.**
Stddev	2.3	.6	1.1	45.
%RSD	.4493	.1053	.2212	.8917
#1	504.8	558.8	493.9	5019.
#2	508.2	557.7	491.7	5020.
#3	503.9	558.6	492.5	5097.
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	**2452.7**	**27044.**	**4853.4**
Stddev	1.5	77.	23.1
%RSD	.05938	.28362	.47629
#1	2451.5	26982.	4835.6
#2	2452.3	27130.	4845.1
#3	2454.3	27019.	4879.6

Sample Name: 460-41529-d-1-b Acquired: 6/26/2012 21:09:57 Type: Unk
Method: SW84606112012(v14) 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	**474.2**	**3.836**	**.2004**	**103.2**	**-.0596**	**67520.**
Stddev	27.5	1.968	.3659	.1	.0646	100.
%RSD	5.807	51.30	182.5	.0821	108.4	.1478
#1	450.7	4.824	.2803	103.3	.0066	67410.
#2	504.5	5.113	-.1988	103.1	-.1224	67600.
#3	467.2	1.569	.5198	103.1	-.0629	67550.
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	**.3392**	**2.708**	**.6765**	**5.825**	**18050.**	**2797.**
Stddev	.0440	.427	.1391	1.162	50.	60.
%RSD	12.97	15.78	20.56	19.94	.2757	2.131
#1	.2995	3.179	.7255	6.893	18110.	2789.
#2	.3865	2.346	.5195	4.588	18040.	2742.
#3	.3316	2.599	.7845	5.994	18010.	2860.
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	**12370.**	**4904.**	**72120.**	**2.574**	**5.648**	**3.987**
Stddev	18.	4.	113.	.288	1.762	.670
%RSD	.1464	.0888	.1562	11.19	31.21	16.81
#1	12390.	4907.	72010.	2.733	3.724	3.547
#2	12360.	4904.	72230.	2.747	6.036	4.758
#3	12350.	4899.	72140.	2.241	7.184	3.655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-1-b Acquired: 6/26/2012 21:09:57 Type: Unk
Method: SW84606112012(v14) 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	**2.139**	**-1.095**	**.5977**	**19.77**	**81.04**	**2.144**
Stddev	1.554	1.368	.2934	.13	.77	.243
%RSD	72.66	125.0	49.09	.6821	.9476	11.35
#1	3.929	.1083	.8558	19.92	81.08	2.139
#2	1.132	-2.582	.6587	19.70	81.78	2.389
#3	1.356	-.8097	.2785	19.68	80.25	1.903
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	**1.697**	**202.4**	**16.19**	**7116.**
Stddev	.229	.5	.55	43.
%RSD	13.52	.2536	3.404	.6072
#1	1.947	201.8	16.57	7156.
#2	1.647	202.7	16.44	7070.
#3	1.496	202.8	15.56	7123.
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	**2498.6**	**27470.**	**4947.3**
Stddev	5.9	63.	8.6
%RSD	.23763	.23040	.17365
#1	2498.9	27417.	4956.1
#2	2504.4	27452.	4938.9
#3	2492.5	27540.	4946.9

Sample Name: 460-41529-d-3-b Acquired: 6/26/2012 21:13:36 Type: Unk
Method: SW84606112012(v14) 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	**75.46**	**6.417**	**.7719**	**110.6**	**-.0554**	**50370.**
Stddev	6.30	1.433	.1697	.1	.1109	146.
%RSD	8.345	22.33	21.98	.0824	200.0	.2906
#1	78.39	6.421	.7850	110.7	-.0595	50530.
#2	79.76	7.849	.5961	110.5	.0574	50230.
#3	68.23	4.982	.9347	110.6	-.1642	50360.
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	**.1799**	**1.237**	**-.8436**	**-.5352**	**26290.**	**1374.**
Stddev	.0449	.292	.1428	3.049	102.	23.
%RSD	24.97	23.61	16.92	569.7	.3895	1.669
#1	.1869	1.527	-.9270	2.863	26380.	1395.
#2	.2209	1.242	-.9250	-1.437	26310.	1379.
#3	.1319	.9430	-.6787	-3.032	26180.	1350.
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	**6363.**	**7660.**	**65560.**	**.5278**	**3.792**	**.9083**
Stddev	29.	31.	167.	.0437	.522	1.846
%RSD	.4632	.4054	.2544	8.272	13.77	203.2
#1	6380.	7676.	65690.	.5076	3.283	-1.201
#2	6381.	7681.	65370.	.5779	4.326	1.694
#3	6329.	7625.	65620.	.4979	3.766	2.231
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-3-b Acquired: 6/26/2012 21:13:36 Type: Unk
Method: SW84606112012(v14) 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	**.9601**	**.5204**	**-.4084**	**9.495**	**68.49**	**.9134**
Stddev	1.179	1.353	.1634	.249	1.08	.0700
%RSD	122.8	260.0	40.01	2.620	1.583	7.662
#1	-.0944	1.098	-.5944	9.276	68.68	.8915
#2	.7419	-1.025	-.2876	9.765	69.47	.8570
#3	2.233	1.489	-.3433	9.445	67.33	.9917
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	**.9839**	**221.2**	**2.636**	**6682.**
Stddev	.1564	.8	1.822	54.
%RSD	15.89	.3832	69.10	.8055
#1	.8423	221.9	.8481	6739.
#2	.9577	220.3	4.490	6673.
#3	1.152	221.5	2.571	6633.
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	**2498.5**	**27618.**	**4952.1**
Stddev	6.1	74.	35.1
%RSD	.24348	.26780	.70873
#1	2505.1	27565.	4966.3
#2	2493.2	27702.	4977.9
#3	2497.1	27585.	4912.1

Sample Name: 460-41529-d-4-b Acquired: 6/26/2012 21:17:24 Type: Unk
Method: SW84606112012(v14) 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	**28.31**	**1.354**	**-.4001**	**269.0**	**-.0821**	**59480.**
Stddev	3.23	1.505	.3433	.2	.0730	241.
%RSD	11.41	111.2	85.79	.0690	88.94	.4050
#1	29.70	-.0591	-.0155	268.9	-.1663	59200.
#2	30.61	2.937	-.6754	269.2	-.0404	59620.
#3	24.62	1.184	-.5096	268.9	-.0395	59620.
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	**.0492**	**.1464**	**.3441**	**1.450**	**5738.**	**2215.**
Stddev	.0318	.1742	.1338	3.377	13.	54.
%RSD	64.55	119.0	38.89	232.8	.2290	2.454
#1	.0795	.2540	.4970	4.501	5741.	2246.
#2	.0162	-.0546	.2482	-2.178	5723.	2246.
#3	.0520	.2398	.2871	2.027	5749.	2152.
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	**24820.**	**858.5**	**69990.**	**14.40**	**.3663**	**-.3446**
Stddev	36.	.4	137.	.30	1.089	.5609
%RSD	.1433	.0472	.1952	2.066	297.3	162.8
#1	24840.	858.1	69840.	14.42	1.450	.1896
#2	24840.	858.5	70100.	14.68	-.7274	-.2945
#3	24780.	858.9	70040.	14.09	.3761	-.9289
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-4-b Acquired: 6/26/2012 21:17:24 Type: Unk
Method: SW84606112012(v14) 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	**4.127**	**.6225**	**-.0910**	**244.9**	**56.40**	**.1121**
Stddev	1.672	1.084	.2022	.1	1.01	.1594
%RSD	40.52	174.2	222.2	.0585	1.788	142.2
#1	3.102	1.873	-.1913	244.9	57.42	.1712
#2	6.056	-.0544	.1418	245.1	55.41	.2335
#3	3.222	.0488	-.2235	244.8	56.38	-.0684
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	**.9626**	**130.1**	**3.046**	**4268.**
Stddev	.5872	.3	.632	29.
%RSD	61.00	.2037	20.74	.6901
#1	1.590	129.8	2.716	4288.
#2	.8715	130.2	3.775	4282.
#3	.4263	130.3	2.649	4234.
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	**2479.0**	**27518.**	**4915.4**
Stddev	3.8	77.	18.6
%RSD	.15191	.27971	.37852
#1	2483.3	27602.	4936.1
#2	2477.7	27452.	4900.1
#3	2476.1	27500.	4910.1

Sample Name: 460-41529-d-5-b Acquired: 6/26/2012 21:21:03 Type: Unk
Method: SW84606112012(v14) 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	**5654.**	**6.760**	**-.3029**	**51.31**	**.1510**	**63760.**
Stddev	55.	2.706	.2250	.03	.0862	491.
%RSD	.9668	40.03	74.28	.0637	57.12	.7701
#1	5652.	9.049	-.2245	51.30	.0571	64210.
#2	5709.	7.456	-.1277	51.28	.1691	63830.
#3	5600.	3.774	-.5567	51.34	.2267	63230.
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	**.1550**	**2.682**	**8.232**	**16.16**	**11290.**	**1491.**
Stddev	.0301	.269	.423	1.31	26.	40.
%RSD	19.39	10.02	5.138	8.130	.2284	2.698
#1	.1493	2.382	7.958	15.06	11300.	1511.
#2	.1282	2.763	8.018	17.61	11310.	1517.
#3	.1875	2.902	8.719	15.80	11260.	1445.
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	**5686.**	**721.8**	**40200.**	**5.794**	**13.98**	**.1317**
Stddev	9.	2.9	221.	.118	1.11	1.885
%RSD	.1530	.3962	.5496	2.031	7.952	1432.
#1	5696.	723.5	40380.	5.909	12.86	-.7521
#2	5683.	723.5	40260.	5.799	15.08	2.297
#3	5680.	718.5	39950.	5.674	13.99	-1.150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-5-b Acquired: 6/26/2012 21:21:03 Type: Unk
Method: SW84606112012(v14) 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	**-.5930**	**.5829**	**48.31**	**28.35**	**105.5**	**2.724**
Stddev	1.720	1.400	.72	.07	1.0	.282
%RSD	290.1	240.1	1.482	.2533	.9436	10.36
#1	-.7952	2.139	48.89	28.42	105.8	2.847
#2	-2.203	.1837	48.52	28.28	104.4	2.401
#3	1.220	-.5737	47.51	28.33	106.3	2.924
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	**.9543**	**252.8**	**140.9**	**14450.**
Stddev	.2304	1.3	.5	25.
%RSD	24.14	.5200	.3812	.1707
#1	1.106	254.0	141.5	14450.
#2	.6892	253.0	140.4	14430.
#3	1.067	251.4	140.9	14480.
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	**2542.8**	**27950.**	**5056.4**
Stddev	2.5	90.	15.1
%RSD	.09920	.32071	.29860
#1	2545.7	28029.	5056.2
#2	2541.2	27969.	5041.4
#3	2541.5	27853.	5071.6

Sample Name: 460-41529-d-6-b Acquired: 6/26/2012 21:24:42 Type: Unk
Method: SW84606112012(v14) 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	**229.1**	**3.337**	**.3598**	**56.64**	**-.0935**	**185200.**
Stddev	4.2	1.000	.4886	.24	.0687	673.
%RSD	1.838	29.97	135.8	.4182	73.52	.3634
#1	228.5	2.182	.6045	56.83	-.0342	184400.
#2	225.2	3.914	.6777	56.71	-.1688	185600.
#3	233.6	3.914	-.2028	56.37	-.0774	185600.
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**	**-.3451**	**-2.236**	**1.222**	**7721.**	**2183.**
Stddev	.0605	.3031	.333	.908	10.	50.
%RSD	9381.	87.81	14.89	74.27	.1277	2.297
#1	.0494	-.1611	-2.363	2.236	7711.	2142.
#2	.0166	-.6949	-2.487	.9441	7730.	2168.
#3	-.0679	-.1794	-1.859	.4861	7724.	2239.
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	**24680.**	**8933.**	F **266700.**	**-.4426**	**1.671**	**.7441**
Stddev	93.	30.	575.	.2668	.687	.7903
%RSD	.3774	.3403	.2154	60.27	41.13	106.2
#1	24780.	8934.	267200.	-.6131	2.208	1.555
#2	24630.	8902.	266900.	-.1352	.8964	-.0237
#3	24610.	8963.	266100.	-.5795	1.907	.7008
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41529-d-6-b Acquired: 6/26/2012 21:24:42 Type: Unk
Method: SW84606112012(v14) 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	**.2149**	**1.308**	**1.653**	**3.802**	F **5135.**	**2.628**
Stddev	2.059	1.274	.142	.178	7.	.114
%RSD	958.1	97.41	8.605	4.687	.1380	4.331
#1	-.3727	2.711	1.705	4.006	5133.	2.550
#2	-1.486	.9923	1.762	3.676	5143.	2.574
#3	2.504	.2216	1.492	3.724	5129.	2.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**1.572**	**1053.**	**13.82**	F **24820.**
Stddev	1.167	4.	.27	32.
%RSD	74.24	.3959	1.938	.1300
#1	1.928	1049.	13.51	24850.
#2	.2686	1056.	13.98	24810.
#3	2.520	1056.	13.98	24780.
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	**2415.5**	**26771.**	**4988.8**
Stddev	5.5	59.	19.8
%RSD	.22679	.22090	.39678
#1	2420.5	26759.	5011.1
#2	2416.5	26835.	4981.9
#3	2409.6	26718.	4973.4

Sample Name: 460-41529-d-7-b Acquired: 6/26/2012 21:28:27 Type: Unk
Method: SW84606112012(v14) 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	**1876.**	**2.834**	**.9238**	**107.6**	**.1056**	**66830.**
Stddev	10.	1.191	.4023	.1	.0511	172.
%RSD	.5275	42.04	43.54	.0509	48.37	.2569
#1	1873.	4.151	1.360	107.6	.1623	67030.
#2	1868.	1.832	.5676	107.5	.0633	66730.
#3	1887.	2.518	.8438	107.6	.0911	66740.
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	**.1029**	**1.696**	**1.319**	**4.007**	**18540.**	**2411.**
Stddev	.1219	.252	.430	2.564	22.	32.
%RSD	118.5	14.87	32.63	63.97	.1162	1.328
#1	-.0180	1.972	1.250	6.701	18550.	2377.
#2	.1010	1.639	.9269	1.597	18540.	2441.
#3	.2258	1.477	1.779	3.724	18510.	2416.
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	**9603.**	**5139.**	**114100.**	**2.508**	**7.442**	**2.521**
Stddev	5.	4.	336.	.207	.927	1.610
%RSD	.0471	.0872	.2941	8.266	12.46	63.85
#1	9602.	5136.	114500.	2.686	6.486	1.069
#2	9608.	5144.	113800.	2.556	7.503	4.252
#3	9599.	5137.	114000.	2.280	8.337	2.242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41529-d-7-b Acquired: 6/26/2012 21:28:27 Type: Unk
Method: SW84606112012(v14) 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	**-.4556**	**.3453**	**5.534**	**9.172**	**97.06**	**.6471**
Stddev	.3237	1.002	.445	.142	1.75	.3048
%RSD	71.06	290.2	8.044	1.551	1.806	47.10
#1	-.2108	.1060	5.115	9.276	98.56	.5134
#2	-.3333	1.445	6.001	9.230	97.50	.4320
#3	-.8227	-.5154	5.484	9.010	95.13	.9958
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	**1.035**	**255.2**	**60.30**	**9347.**
Stddev	.859	.3	2.47	61.
%RSD	82.98	.1224	4.102	.6567
#1	.4680	255.5	61.42	9409.
#2	2.023	254.9	57.46	9345.
#3	.6139	255.2	62.02	9287.
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	**2508.0**	**27619.**	**5031.2**
Stddev	7.5	99.	13.3
%RSD	.29760	.35859	.26357
#1	2505.4	27716.	5019.3
#2	2516.5	27518.	5045.5
#3	2502.3	27622.	5028.9

Sample Name: 460-41685-d-7-a Acquired: 6/26/2012 21:32:06 Type: Unk
Method: SW84606112012(v14) 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	**37.87**	**-.6970**	**-.2456**	**231.7**	**.0465**	**55300.**
Stddev	17.89	.6982	.4506	.1	.1164	294.
%RSD	47.25	100.2	183.5	.0380	250.5	.5320
#1	57.18	.0795	.2536	231.8	.0336	55490.
#2	21.86	-1.273	-.3680	231.7	-.0630	55450.
#3	34.56	-.8977	-.6223	231.6	.1688	54960.
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	**.8051**	**-.2367**	**.2278**	**3.901**	**771.8**	**3563.**
Stddev	.1091	.0937	.1817	1.166	8.2	13.
%RSD	13.55	39.57	79.75	29.89	1.064	.3704
#1	.9058	-.1701	.2749	5.214	763.8	3579.
#2	.8205	-.3438	.0272	3.503	780.2	3556.
#3	.6892	-.1963	.3813	2.986	771.5	3555.
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	**22740.**	**395.3**	**51520.**	**25.59**	**.0559**	**.6533**
Stddev	14.	.8	233.	.36	.7646	2.195
%RSD	.0612	.1914	.4529	1.414	1367.	336.0
#1	22740.	395.9	51700.	25.34	-.6688	.7193
#2	22730.	395.5	51600.	26.01	.8549	2.815
#3	22750.	394.4	51260.	25.44	-.0183	-1.574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41685-d-7-a Acquired: 6/26/2012 21:32:06 Type: Unk
Method: SW84606112012(v14) 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	**2.525**	**1.614**	**.0987**	**3.347**	**516.6**	**2.189**
Stddev	1.955	1.242	.2167	.096	.9	.482
%RSD	77.42	76.95	219.6	2.873	.1689	22.02
#1	.3230	.3051	-.1012	3.445	516.5	1.636
#2	4.056	1.761	.0683	3.253	515.8	2.518
#3	3.197	2.776	.3291	3.344	517.5	2.413
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	**.5390**	**740.1**	**2.779**	**15680.**
Stddev	.1004	2.3	.339	51.
%RSD	18.62	.3086	12.22	.3278
#1	.6224	740.9	2.963	15740.
#2	.4276	741.8	2.387	15640.
#3	.5670	737.5	2.986	15650.
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	**2524.8**	**27944.**	**5033.0**
Stddev	6.2	54.	28.7
%RSD	.24704	.19245	.56938
#1	2518.5	28001.	5026.0
#2	2524.8	27936.	5008.5
#3	2531.0	27894.	5064.5

Sample Name: 460-41685-d-8-a Acquired: 6/26/2012 21:35:45 Type: Unk
Method: SW84606112012(v14) 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	**38.32**	**2.189**	**.2113**	**316.6**	**.0261**	**39270.**
Stddev	13.17	1.000	.5102	.4	.0561	214.
%RSD	34.36	45.66	241.4	.1112	215.5	.5455
#1	23.95	2.743	-.0437	316.8	.0704	39390.
#2	41.21	1.035	-.1211	316.8	.0448	39020.
#3	49.80	2.789	.7988	316.2	-.0371	39390.
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	**1.210**	**14.87**	**.3217**	**5.345**	**1830.**	**2681.**
Stddev	.063	.27	.1977	2.434	30.	19.
%RSD	5.239	1.814	61.46	45.54	1.620	.6968
#1	1.186	14.90	.2399	2.698	1849.	2701.
#2	1.162	15.12	.1780	7.487	1844.	2665.
#3	1.282	14.58	.5472	5.848	1796.	2677.
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	**16420.**	**1187.**	**93440.**	**49.08**	**2.389**	**1.446**
Stddev	32.	1.	425.	.22	.518	.623
%RSD	.1920	.1137	.4544	.4535	21.69	43.04
#1	16440.	1188.	93640.	49.20	1.831	2.084
#2	16430.	1188.	92950.	49.21	2.481	.8406
#3	16380.	1186.	93730.	48.82	2.856	1.414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41685-d-8-a Acquired: 6/26/2012 21:35:45 Type: Unk
Method: SW84606112012(v14) 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	**.6245**	**1.396**	**1.674**	**6.198**	**1091.**	**15.09**
Stddev	.1637	.919	.254	.187	1.	.13
%RSD	26.21	65.86	15.16	3.021	.0959	.8420
#1	.5171	2.455	1.386	6.036	1090.	14.95
#2	.8129	.9379	1.774	6.154	1092.	15.19
#3	.5436	.7957	1.864	6.403	1091.	15.13
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	**1.148**	**486.1**	**3.054**	**14660.**
Stddev	.140	1.7	.908	38.
%RSD	12.20	.3582	29.73	.2609
#1	1.017	486.1	3.510	14640.
#2	1.132	484.3	2.008	14710.
#3	1.296	487.8	3.643	14640.
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	**2530.2**	**27870.**	**5100.8**
Stddev	8.7	51.	31.1
%RSD	.34294	.18378	.60933
#1	2537.5	27882.	5096.1
#2	2532.6	27914.	5134.0
#3	2520.6	27814.	5072.3

Sample Name: CCV Acquired: 6/26/2012 21:39:26 Type: QC
Method: SW84606112012(v14) 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.**	**2458.**	**1222.**	**9955.**	**980.8**	**124000.**
Stddev	249.	5.	2.	16.	3.0	477.
%RSD	.2026	.2106	.1401	.1646	.3090	.3843
#1	122600.	2462.	1221.	9971.	977.3	123500.
#2	122900.	2458.	1221.	9953.	982.4	124200.
#3	123100.	2452.	1224.	9939.	982.7	124300.
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	**1248.**	**2468.**	**4955.**	**12310.**	**98570.**	**48320.**
Stddev	2.	3.	3.	76.	163.	237.
%RSD	.1879	.1411	.0523	.6188	.1656	.4914
#1	1250.	2471.	4952.	12220.	98400.	48040.
#2	1248.	2470.	4955.	12360.	98600.	48410.
#3	1245.	2464.	4957.	12350.	98720.	48490.
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	**121200.**	**5044.**	**121900.**	**2501.**	**7493.**	**996.2**
Stddev	101.	9.	201.	3.	16.	2.3
%RSD	.0836	.1778	.1645	.1396	.2152	.2264
#1	121200.	5034.	121700.	2504.	7511.	995.3
#2	121300.	5052.	121900.	2503.	7486.	998.8
#3	121100.	5045.	122100.	2497.	7481.	994.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 21:39:26 Type: QC
Method: SW84606112012(v14) 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	**2417.**	**2529.**	**2453.**	**2455.**	**995.9**	**2486.**
Stddev	5.	9.	5.	2.	3.1	5.
%RSD	.2123	.3627	.1855	.0887	.3112	.1946
#1	2420.	2533.	2448.	2458.	995.1	2491.
#2	2411.	2536.	2455.	2454.	993.3	2484.
#3	2419.	2519.	2456.	2454.	999.3	2482.
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	**988.1**	**4989.**	**9842.**	**9901.**
Stddev	1.8	16.	17.	37.
%RSD	.1868	.3243	.1685	.3714
#1	989.0	4971.	9824.	9911.
#2	989.3	4995.	9857.	9860.
#3	986.0	5001.	9845.	9932.
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	**2371.5**	**26384.**	**4853.9**
Stddev	8.7	99.	13.4
%RSD	.36540	.37481	.27604
#1	2362.3	26281.	4853.7
#2	2372.6	26392.	4840.6
#3	2379.6	26478.	4867.4

Sample Name: CCB Acquired: 6/26/2012 21:42:45 Type: QC
Method: SW84606112012(v14) 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	**33.60**	**-.5635**	**.1667**	**.4399**	**.0310**	**11.00**
Stddev	21.34	.6902	.4792	.3913	.0483	22.19
%RSD	63.49	122.5	287.5	88.97	156.0	201.8
#1	58.19	-.8923	.4095	.8917	.0711	33.57
#2	22.71	.2297	.4759	.2188	-.0226	10.21
#3	19.91	-1.028	-.3854	.2090	.0444	-10.79
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	**.0252**	**.0121**	**.4333**	**2.200**	**9.565**	**105.7**
Stddev	.0897	.2900	.2574	1.704	12.41	85.8
%RSD	356.0	2399.	59.42	77.44	129.7	81.18
#1	.1052	.3266	.6111	3.449	15.38	174.9
#2	.0422	-.0456	.5507	.2591	18.00	132.6
#3	-.0718	-.2448	.1381	2.892	-4.683	9.671
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	**7.583**	**.3863**	**-28.41**	**.0724**	**-.9590**	**.6492**
Stddev	9.423	.3216	26.96	.2162	1.890	1.927
%RSD	124.3	83.26	94.88	298.5	197.1	296.8
#1	18.32	.7576	1.198	.0203	1.168	-1.088
#2	.6688	.2022	-34.91	.3100	-1.595	2.721
#3	3.763	.1990	-51.53	-.1129	-2.449	.3150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 21:42:45 Type: QC
Method: SW84606112012(v14) 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	.4898	.8149	.1793	.3286	2.131	3.283
Stddev	1.729	1.443	.1834	.0804	.649	.169
%RSD	353.0	177.1	102.3	24.48	30.44	5.147
#1	2.163	-.5449	.3656	.4096	2.724	3.324
#2	.5956	.6609	.1736	.3274	2.232	3.428
#3	-1.289	2.329	-.0011	.2487	1.438	3.098
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	1.525	.3608	2.110	-10.84
Stddev	.665	.4010	1.131	12.52
%RSD	43.61	111.1	53.58	115.5
#1	1.630	.8165	2.164	-17.78
#2	2.132	.2040	3.213	-18.36
#3	.8140	.0619	.9534	3.618
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	2556.7	28363.	4919.5
Stddev	5.5	42.	12.4
%RSD	.21621	.14838	.25110
#1	2556.0	28409.	4910.6
#2	2551.6	28355.	4933.6
#3	2562.6	28325.	4914.2

Sample Name: 460-41685-a-9-a Acquired: 6/26/2012 21:46:32 Type: Unk
Method: SW84606112012(v14) 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	**218.1**	**14.46**	**.1539**	**79.46**	**-.0846**	**97000.**
Stddev	3.7	.60	.2915	.20	.0434	257.
%RSD	1.683	4.121	189.4	.2487	51.32	.2644
#1	214.9	14.89	-.1800	79.58	-.1324	97250.
#2	222.1	14.70	.3577	79.56	-.0739	96740.
#3	217.2	13.78	.2840	79.23	-.0475	97030.
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	**.2801**	**1.345**	**28.18**	**8.171**	**2447.**	**21700.**
Stddev	.1032	.186	.46	.874	11.	139.
%RSD	36.84	13.82	1.626	10.69	.4558	.6391
#1	.2500	1.426	28.19	8.973	2456.	21570.
#2	.3951	1.133	28.64	8.300	2452.	21680.
#3	.1953	1.478	27.72	7.240	2435.	21850.
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	**15510.**	**2132.**	F **310300.**	**50.39**	**.1193**	**4.264**
Stddev	41.	5.	1781.	.33	.9482	.581
%RSD	.2672	.2203	.5740	.6559	795.1	13.63
#1	15520.	2135.	312400.	50.77	1.202	3.992
#2	15540.	2135.	309300.	50.20	-.5651	3.868
#3	15460.	2127.	309300.	50.20	-.2787	4.931
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41685-a-9-a Acquired: 6/26/2012 21:46:32 Type: Unk
Method: SW84606112012(v14) 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	**1.484**	**-1.133**	**18.63**	**16.60**	F **2144.**	**152.2**
Stddev	.894	1.787	.31	.10	1.	.5
%RSD	60.23	157.7	1.677	.6266	.0476	.3575
#1	2.180	-.1528	18.95	16.61	2144.	152.8
#2	.4760	-.0504	18.62	16.69	2143.	151.7
#3	1.796	-3.195	18.32	16.49	2145.	152.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**.3576**	**875.6**	**9.248**	**13610.**
Stddev	.3702	.9	.046	30.
%RSD	103.5	.1023	.4929	.2186
#1	.0111	876.3	9.293	13640.
#2	.3139	874.6	9.202	13590.
#3	.7477	875.9	9.250	13590.
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	**2472.9**	**27155.**	**5107.2**
Stddev	6.1	115.	32.2
%RSD	.24816	.42195	.62984
#1	2477.5	27288.	5128.2
#2	2475.3	27090.	5123.3
#3	2465.9	27088.	5070.2

Sample Name: 460-41685-c-10-a Acquired: 6/26/2012 21:50:08 Type: Unk
Method: SW84606112012(v14) 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	**25.95**	**-.2067**	**.2514**	**.0714**	**-.0139**	**43.03**
Stddev	8.56	1.555	.6187	.0805	.0700	10.90
%RSD	32.98	752.0	246.1	112.7	503.1	25.34
#1	29.33	.8489	.9256	.1079	-.0913	52.81
#2	32.31	-1.992	-.2903	-.0209	.0044	31.28
#3	16.22	.5228	.1190	.1273	.0451	45.01
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	**.0652**	**.0466**	**.0250**	**2.920**	**-13.72**	**87.83**
Stddev	.0960	.0947	.4335	2.365	4.61	51.69
%RSD	147.1	203.2	1736.	81.00	33.59	58.86
#1	.1254	-.0542	.5079	5.514	-19.02	124.9
#2	-.0455	.1337	-.1026	2.365	-10.61	109.8
#3	.1157	.0604	-.3305	.8817	-11.54	28.78
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	**2.374**	**.3236**	**37.70**	**.1265**	**-.8591**	**.8327**
Stddev	2.034	.1820	63.61	.1754	.8193	1.235
%RSD	85.67	56.24	168.7	138.7	95.37	148.3
#1	1.322	.5327	111.1	.2021	-1.787	1.861
#2	1.082	.2363	4.005	-.0740	-.2373	1.174
#3	4.718	.2016	-1.972	.2514	-.5525	-.5369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41685-c-10-a Acquired: 6/26/2012 21:50:08 Type: Unk
Method: SW84606112012(v14) 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	**1.954**	**.4034**	**-.0689**	**.3202**	**4.043**	**.5075**
Stddev	1.386	.6508	.3410	.0693	1.333	.1438
%RSD	70.95	161.3	494.6	21.65	32.97	28.33
#1	.3772	.1090	.2718	.3165	5.545	.3782
#2	2.982	-.0481	-.4102	.3913	3.000	.4819
#3	2.503	1.149	-.0684	.2528	3.584	.6623
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	**.4565**	**.0998**	**-.2935**	**14.33**
Stddev	.5747	.1382	.7999	12.65
%RSD	125.9	138.5	272.5	88.30
#1	.6386	.2456	.2675	5.673
#2	-.1872	.0833	.0615	28.85
#3	.9181	-.0294	-1.209	8.463
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	**2637.4**	**29201.**	**5146.6**
Stddev	9.8	270.	26.7
%RSD	.36991	.92331	.51838
#1	2648.1	29512.	5167.6
#2	2629.1	29067.	5116.6
#3	2634.9	29025.	5155.5

Sample Name: 460-41704-j-3-a Acquired: 6/26/2012 21:53:52 Type: Unk
Method: SW84606112012(v14) 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	**12370.**	**132.4**	**1.393**	**584.1**	**.6185**	**207700.**
Stddev	17.	1.8	.100	1.0	.1170	540.
%RSD	.1351	1.372	7.197	.1728	18.92	.2601
#1	12390.	131.9	1.468	583.3	.7083	208300.
#2	12350.	131.0	1.279	585.3	.4861	207300.
#3	12370.	134.5	1.431	583.9	.6610	207500.
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	**.2457**	**14.19**	**22.48**	**32.81**	**39420.**	**4905.**
Stddev	.0529	.22	.09	1.12	50.	139.
%RSD	21.55	1.552	.4052	3.412	.1258	2.830
#1	.1849	14.38	22.50	31.73	39470.	4779.
#2	.2821	14.25	22.38	33.96	39370.	4883.
#3	.2700	13.95	22.56	32.74	39430.	5054.
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	**17050.**	**5338.**	**238800.**	**42.41**	**14.63**	**-.9540**
Stddev	11.	9.	1255.	.44	1.10	2.021
%RSD	.0623	.1687	.5257	1.036	7.542	211.8
#1	17050.	5339.	240200.	42.69	15.48	-2.980
#2	17050.	5328.	238100.	41.91	13.38	1.061
#3	17070.	5346.	237900.	42.65	15.02	-.9427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41704-j-3-a Acquired: 6/26/2012 21:53:52 Type: Unk
Method: SW84606112012(v14) 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	**1.366**	**-.3366**	**37.34**	**92.19**	**1376.**	**24.57**
Stddev	.890	.8204	.10	.32	3.	.19
%RSD	65.18	243.8	.2728	.3425	.1886	.7743
#1	2.372	-.7276	37.22	92.35	1374.	24.59
#2	.6833	.6062	37.41	92.39	1376.	24.38
#3	1.041	-.8883	37.38	91.83	1379.	24.75
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	**1.808**	**1128.**	**453.9**	F **29730.**
Stddev	.406	1.	5.0	249.
%RSD	22.43	.0936	1.096	.8377
#1	1.983	1128.	454.2	29450.
#2	2.096	1126.	458.6	29820.
#3	1.344	1128.	448.7	29920.
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	**2558.7**	**28273.**	**5294.8**
Stddev	2.7	41.	49.8
%RSD	.10605	.14627	.94040
#1	2561.0	28232.	5238.5
#2	2555.7	28274.	5312.7
#3	2559.4	28314.	5333.1

Sample Name: 460-41704-j-4-a Acquired: 6/26/2012 21:57:29 Type: Unk
Method: SW84606112012(v14) 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	**122.7**	**8.279**	**.9950**	**445.2**	**.0342**	**52140.**
Stddev	10.9	1.282	.1833	1.0	.0263	221.
%RSD	8.919	15.49	18.42	.2228	76.84	.4230
#1	116.8	7.108	1.089	446.0	.0039	52380.
#2	116.1	9.649	1.112	444.1	.0506	52070.
#3	135.4	8.080	.7838	445.6	.0483	51950.
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	**.6020**	**7.070**	**3.204**	**22.30**	**398.7**	**6877.**
Stddev	.0141	.188	.167	3.06	6.7	86.
%RSD	2.343	2.652	5.206	13.71	1.685	1.246
#1	.6148	7.110	3.372	25.70	400.0	6784.
#2	.5869	7.234	3.038	19.78	391.5	6895.
#3	.6041	6.866	3.203	21.43	404.8	6952.
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	**15930.**	**2893.**	F **494300.**	**26.64**	**-.0646**	**-.8463**
Stddev	40.	3.	9540.	.26	1.123	1.148
%RSD	.2504	.1031	1.930	.9851	1737.	135.7
#1	15900.	2893.	505400.	26.78	-.5608	.2342
#2	15910.	2890.	488800.	26.81	-.8539	-2.052
#3	15970.	2896.	488900.	26.34	1.221	-.7210
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-41704-j-4-a Acquired: 6/26/2012 21:57:29 Type: Unk
Method: SW84606112012(v14) 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	**1.860**	**.6876**	**2.542**	**34.42**	**282.2**	**10.30**
Stddev	1.731	1.104	.044	.25	1.4	.18
%RSD	93.07	160.5	1.716	.7322	.4919	1.780
#1	3.845	1.958	2.592	34.54	283.8	10.11
#2	1.070	.1394	2.523	34.13	281.1	10.48
#3	.6649	-.0345	2.511	34.59	281.8	10.33
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	**.3976**	**139.8**	**7.348**	**9335.**
Stddev	.4547	.4	.895	42.
%RSD	114.4	.2964	12.18	.4503
#1	-.0659	140.2	6.555	9299.
#2	.8431	139.7	8.318	9326.
#3	.4157	139.4	7.170	9381.
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	**2480.2**	**27180.**	**5214.8**
Stddev	18.6	145.	52.1
%RSD	.74906	.53265	.99884
#1	2484.9	27197.	5175.2
#2	2496.0	27316.	5273.8
#3	2459.7	27028.	5195.4

Sample Name: 460-41704-j-5-a Acquired: 6/26/2012 22:01:18 Type: Unk
Method: SW84606112012(v14) 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	**7640.**	**135.7**	**2.407**	**146.6**	**.2077**	F **351800.**
Stddev	16.	1.5	.502	.3	.0666	1592.
%RSD	.2032	1.126	20.84	.2184	32.07	.4526
#1	7656.	134.6	2.776	146.8	.2817	351500.
#2	7640.	135.1	1.836	146.2	.1524	350500.
#3	7625.	137.5	2.610	146.8	.1891	353600.
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	**.7752**	**22.68**	**15.45**	**28.68**	**80620.**	**2454.**
Stddev	.0266	.44	.40	2.66	298.	11.
%RSD	3.438	1.929	2.583	9.268	.3695	.4466
#1	.7550	22.91	15.57	27.54	80880.	2467.
#2	.8054	22.96	15.77	26.79	80300.	2448.
#3	.7652	22.18	15.00	31.72	80700.	2447.
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	**33370.**	F **12840.**	F **526100.**	**153.6**	**25.44**	**-.1790**
Stddev	96.	66.	3982.	.5	1.08	.3445
%RSD	.2868	.5157	.7569	.3433	4.260	192.5
#1	33430.	12920.	529300.	153.6	25.15	.1934
#2	33260.	12790.	521600.	153.0	24.54	-.2441
#3	33430.	12830.	527300.	154.1	26.64	-.4862
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Sample Name: 460-41704-j-5-a Acquired: 6/26/2012 22:01:18 Type: Unk
Method: SW84606112012(v14) 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	**-3.026**	**-1.363**	**41.07**	**86.78**	F **2015.**	**32.01**
Stddev	1.591	.981	.42	.34	6.	.34
%RSD	52.57	71.98	1.032	.3897	.2895	1.065
#1	-1.491	-2.098	41.56	87.10	2009.	32.29
#2	-4.668	-1.742	40.86	86.43	2021.	32.12
#3	-2.919	-.2489	40.79	86.80	2015.	31.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
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	**1.710**	**1267.**	**296.0**	F **21570.**
Stddev	.933	3.	2.9	151.
%RSD	54.57	.2677	.9914	.7014
#1	1.178	1268.	298.2	21550.
#2	2.788	1263.	292.6	21440.
#3	1.165	1270.	297.1	21740.
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	**2767.1**	**30655.**	**6016.9**
Stddev	25.8	246.	19.9
%RSD	.93065	.80200	.33092
#1	2776.1	30769.	6009.8
#2	2787.2	30823.	6039.4
#3	2738.1	30372.	6001.5

Sample Name: 460-41704-j-6-a Acquired: 6/26/2012 22:05:10 Type: Unk
Method: SW84606112012(v14) 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	**169.4**	**50.02**	**1.731**	**31.22**	**-.1740**	F **332800.**
Stddev	2.7	2.11	.550	.06	.1273	2555.
%RSD	1.607	4.208	31.76	.1971	73.15	.7677
#1	169.9	50.29	2.361	31.23	-.1922	330100.
#2	166.5	51.98	1.490	31.28	-.0386	333200.
#3	171.9	47.79	1.343	31.16	-.2912	335200.
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	**.4601**	**2.380**	**-1.141**	**-3.176**	**104600.**	**5875.**
Stddev	.0810	.286	.082	1.136	415.	235.
%RSD	17.60	12.04	7.138	35.76	.3967	3.993
#1	.3672	2.545	-1.070	-2.751	104400.	5608.
#2	.4966	2.049	-1.230	-4.462	104200.	6050.
#3	.5163	2.545	-1.123	-2.313	105000.	5966.
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	**100100.**	F **15500.**	F **1328000.**	**205.1**	**6.722**	**-.4380**
Stddev	508.	63.	29360.	.9	1.370	.5941
%RSD	.5075	.4089	2.211	.4188	20.38	135.6
#1	100200.	15480.	1356000.	204.6	5.313	-.1065
#2	99590.	15460.	1298000.	204.5	8.048	-1.124
#3	100600.	15580.	1329000.	206.1	6.805	-.0836
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Sample Name: 460-41704-j-6-a Acquired: 6/26/2012 22:05:10 Type: Unk
Method: SW84606112012(v14) 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	**-1.899**	**-2.112**	**31.68**	**8.467**	**1676.**	**3.035**
Stddev	1.329	1.051	.25	.186	8.	.184
%RSD	69.99	49.77	.7806	2.195	.4586	6.075
#1	-.3847	-1.014	31.62	8.405	1668.	2.822
#2	-2.873	-2.213	31.47	8.320	1678.	3.144
#3	-2.440	-3.109	31.95	8.676	1683.	3.139
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	**.1190**	**1761.**	**5.290**	**11230.**
Stddev	.6689	13.	1.067	102.
%RSD	562.2	.7540	20.17	.9114
#1	-.3189	1747.	4.086	11140.
#2	-.2130	1764.	5.662	11340.
#3	.8889	1773.	6.121	11220.
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	**2403.7**	**26466.**	**5365.5**
Stddev	20.4	281.	68.4
%RSD	.84728	1.0607	1.2754
#1	2420.2	26473.	5385.3
#2	2410.0	26743.	5421.9
#3	2381.0	26181.	5289.4

Sample Name: 460-41705-a-1-a Acquired: 6/26/2012 22:09:05 Type: Unk
Method: SW84606112012(v14) 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	**58.93**	**13.29**	**-.1403**	**67.39**	**-.0988**	**35400.**
Stddev	13.10	1.53	.2882	.10	.1379	134.
%RSD	22.23	11.56	205.5	.1480	139.6	.3773
#1	56.65	11.77	.0882	67.49	-.2055	35550.
#2	73.02	13.25	-.4641	67.37	-.1478	35290.
#3	47.12	14.84	-.0449	67.30	.0569	35360.
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	**.0789**	**-.3606**	**1.657**	**88.31**	**93.63**	**6571.**
Stddev	.0577	.2883	.160	.40	12.76	68.
%RSD	73.18	79.94	9.661	.4547	13.63	1.030
#1	.0270	-.5763	1.833	88.08	98.81	6645.
#2	.0686	-.0332	1.520	88.08	103.0	6513.
#3	.1410	-.4722	1.617	88.78	79.10	6554.
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	**8379.**	**9.909**	**47670.**	**2.893**	**.5648**	**2.495**
Stddev	25.	1.832	236.	.168	.7471	1.102
%RSD	.2941	18.49	.4947	5.805	132.3	44.17
#1	8365.	12.02	47950.	2.995	.1787	3.095
#2	8364.	8.987	47520.	2.699	.0897	1.223
#3	8407.	8.721	47560.	2.985	1.426	3.167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41705-a-1-a Acquired: 6/26/2012 22:09:05 Type: Unk
Method: SW84606112012(v14) 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	**1.085**	**-2.101**	**-.4401**	**5.381**	**49.44**	**340.9**
Stddev	1.910	.440	.3338	.083	.59	1.3
%RSD	175.9	20.94	75.85	1.545	1.189	.3906
#1	2.047	-1.752	-.6136	5.399	49.98	341.1
#2	2.323	-2.595	-.0552	5.290	49.53	342.1
#3	-1.114	-1.956	-.6514	5.453	48.82	339.4
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	**.6632**	**119.5**	**1.872**	**6749.**
Stddev	.5012	.8	1.360	8.
%RSD	75.57	.6995	72.64	.1212
#1	.0871	120.4	.8742	6742.
#2	.9988	118.8	3.421	6748.
#3	.9037	119.2	1.321	6758.
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	**2499.3**	**27546.**	**4938.7**
Stddev	10.9	176.	16.7
%RSD	.43701	.64000	.33887
#1	2506.4	27662.	4922.8
#2	2504.7	27633.	4956.2
#3	2486.7	27343.	4937.2

Sample Name: 460-41705-a-2-a Acquired: 6/26/2012 22:12:44 Type: Unk
Method: SW84606112012(v14) 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	**53.74**	**14.87**	**-.5588**	**66.08**	**-.0547**	**34500.**
Stddev	21.08	1.85	.6399	.17	.0566	130.
%RSD	39.23	12.43	114.5	.2556	103.5	.3768
#1	37.32	15.96	-.2308	65.89	-.0140	34570.
#2	77.51	15.92	-.1495	66.20	-.1193	34350.
#3	46.39	12.74	-1.296	66.15	-.0308	34570.
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	**.0388**	**-.3430**	**4.068**	**82.10**	**81.09**	**6399.**
Stddev	.0316	.1621	.164	2.69	10.48	10.
%RSD	81.48	47.27	4.027	3.280	12.93	.1605
#1	.0628	-.3408	4.147	81.92	85.90	6405.
#2	.0030	-.5062	3.879	79.49	69.07	6405.
#3	.0504	-.1819	4.177	84.87	88.32	6387.
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	**8255.**	**11.68**	**46810.**	**2.681**	**-1.013**	**3.209**
Stddev	23.	.16	241.	.091	.444	3.522
%RSD	.2776	1.397	.5150	3.411	43.81	109.8
#1	8231.	11.71	46760.	2.706	-1.061	3.954
#2	8259.	11.82	46590.	2.758	-.5466	-.6258
#3	8276.	11.50	47070.	2.580	-1.430	6.299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-41705-a-2-a Acquired: 6/26/2012 22:12:44 Type: Unk
Method: SW84606112012(v14) 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	**2.147**	**-1.477**	**-.6011**	**4.783**	**45.35**	**335.1**
Stddev	1.655	.995	.3495	.086	.15	.8
%RSD	77.10	67.40	58.14	1.787	.3278	.2357
#1	3.080	-.5569	-.7523	4.755	45.41	334.4
#2	.2358	-1.340	-.2015	4.879	45.46	335.1
#3	3.126	-2.533	-.8495	4.715	45.18	335.9
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	**1.083**	**116.9**	**2.986**	**6627.**
Stddev	.676	.7	.330	53.
%RSD	62.44	.5993	11.05	.7983
#1	.3772	117.0	3.190	6574.
#2	1.146	116.1	3.162	6680.
#3	1.725	117.5	2.605	6626.
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	**2465.3**	**27054.**	**4833.5**
Stddev	20.4	249.	58.6
%RSD	.82779	.92090	1.2129
#1	2483.2	27310.	4843.6
#2	2469.6	27041.	4886.3
#3	2443.1	26812.	4770.4

Sample Name: CCV Acquired: 6/26/2012 22:16:25 Type: QC
Method: SW84606112012(v14) 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	**123700.**	**2449.**	**1229.**	**9996.**	**981.9**	**124300.**
Stddev	513.	1.	1.	18.	3.5	702.
%RSD	.4147	.0306	.0872	.1780	.3560	.5643
#1	123200.	2449.	1229.	9991.	977.9	123600.
#2	123800.	2450.	1230.	10020.	983.2	124400.
#3	124200.	2448.	1228.	9982.	984.5	125000.
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	**1253.**	**2484.**	**5023.**	**12230.**	**99590.**	**48410.**
Stddev	1.	4.	2.	75.	140.	337.
%RSD	.1129	.1559	.0396	.6137	.1402	.6967
#1	1253.	2484.	5024.	12160.	99580.	48060.
#2	1255.	2488.	5024.	12230.	99740.	48460.
#3	1252.	2480.	5020.	12310.	99460.	48720.
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	**122900.**	**5085.**	**121400.**	**2522.**	**7545.**	**988.3**
Stddev	132.	6.	517.	2.	12.	5.5
%RSD	.1076	.1206	.4260	.0902	.1551	.5537
#1	123100.	5079.	120900.	2523.	7541.	994.3
#2	123000.	5085.	121500.	2523.	7558.	987.0
#3	122800.	5091.	121900.	2519.	7536.	983.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/26/2012 22:16:25 Type: QC
Method: SW84606112012(v14) 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	**2399.**	**2547.**	**2475.**	**2472.**	**987.9**	**2490.**
Stddev	9.	3.	2.	3.	2.4	3.
%RSD	.3714	.0987	.0837	.1320	.2468	.1067
#1	2409.	2549.	2476.	2473.	985.6	2488.
#2	2393.	2547.	2472.	2474.	990.5	2493.
#3	2395.	2544.	2476.	2468.	987.5	2489.
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**	**5001.**	**9789.**	**9622.**
Stddev	.9	24.	34.	48.
%RSD	.0870	.4738	.3486	.5019
#1	992.5	4977.	9750.	9576.
#2	991.6	5001.	9802.	9673.
#3	990.8	5024.	9814.	9617.
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	**2284.4**	**25224.**	**4570.3**
Stddev	5.9	83.	4.2
%RSD	.25964	.32915	.09269
#1	2285.6	25134.	4574.5
#2	2278.0	25243.	4570.4
#3	2289.7	25297.	4566.0

Sample Name: CCB Acquired: 6/26/2012 22:19:45 Type: QC
Method: SW84606112012(v14) 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	**23.85**	**.6922**	**-.2222**	**.5908**	**.0132**	**14.14**
Stddev	37.49	1.465	.4814	.6287	.2333	12.49
%RSD	157.2	211.6	216.7	106.4	1767.	88.34
#1	67.07	-.9872	-.3174	1.286	.2466	25.89
#2	4.307	1.705	.2997	.4240	.0130	15.50
#3	.1710	1.359	-.6488	.0622	-.2200	1.022
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**	**.0457**	**.5203**	**4.276**	**20.73**	**163.5**
Stddev	.1166	.2787	.9884	3.009	16.04	70.4
%RSD	107.4	609.2	190.0	70.37	77.37	43.06
#1	.2431	.2134	1.516	5.923	38.98	192.2
#2	.0383	-.2760	.5053	6.101	8.893	215.0
#3	.0443	.1998	-.4606	.8028	14.31	83.25
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	**14.65**	**.6346**	**77.38**	**.2517**	**-.5220**	**.0145**
Stddev	10.49	.5929	39.15	.1262	.5023	2.080
%RSD	71.64	93.43	50.60	50.12	96.22	14360.
#1	26.09	1.310	118.1	.2698	-.4469	-1.309
#2	12.36	.3953	73.96	.1175	-1.058	2.411
#3	5.485	.1988	40.05	.3679	-.0615	-1.059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/26/2012 22:19:45 Type: QC
Method: SW84606112012(v14) 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	**3.772**	**-.1882**	**.1423**	**.3138**	**3.915**	**3.575**
Stddev	1.508	3.153	.2931	.1634	.775	.362
%RSD	39.97	1675.	206.0	52.08	19.81	10.12
#1	3.510	.1555	.3982	.3654	4.786	3.970
#2	5.393	2.779	-.1775	.4452	3.301	3.260
#3	2.412	-3.499	.2063	.1308	3.657	3.496
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	**.8362**	**.5913**	**2.319**	**7.350**
Stddev	.9531	.6738	1.839	6.104
%RSD	114.0	113.9	79.32	83.05
#1	1.840	1.365	3.768	.6560
#2	.7237	.2763	2.939	8.786
#3	-.0558	.1327	.2497	12.61
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	**2461.6**	**27274.**	**4676.3**
Stddev	4.6	36.	27.0
%RSD	.18661	.13113	.57763
#1	2456.6	27315.	4672.0
#2	2462.4	27249.	4651.7
#3	2465.7	27258.	4705.2

POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Standard: 1 Rep: 1              Seq:  1       12:50:20 21 Jun 12   HG

Hg    .000    ppb      1518                                                  =
*** Standard: 1 Rep: 1              Seq:  2       12:55:06 21 Jun 12   HG

Hg    .000    ppb      3145                                                  =
*** Standard: 2 Rep: 1              Seq:  3       12:57:02 21 Jun 12   HG

Hg    .100    ppb      6552                                                  =
*** Standard: 3 Rep: 1              Seq:  4       12:58:59 21 Jun 12   HG

Hg    1.00    ppb      42947                                                 =
*** Standard: 4 Rep: 1              Seq:  5       13:00:55 21 Jun 12   HG

Hg    2.00    ppb      82438                                                 =
*** Standard: 5 Rep: 1              Seq:  6       13:02:53 21 Jun 12   HG

Hg    5.00    ppb      202873                                                =
*** Standard: 6 Rep: 1              Seq:  7       13:04:48 21 Jun 12   HG

Hg    10.0    ppb      393275                                                =
*** Check Standard: 3  Ck3AICV      Seq:  8       13:06:36 21 Jun 12   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     5.08    5.00   ppb         .000                         =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  9       13:08:31 21 Jun 12   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.087     .200     ppb         .000                               =
*** Sample ID:                       Seq:  10      13:10:27 21 Jun 12   HG
                            MB 460-116950/1-A
Hg   -.069    ppb       .000     -.069                                       =
===============================================================================
*** Sample ID: LCSSRM 460           Seq:  11      13:12:25 21 Jun 12   HG
                           -116950/2-a@20
Hg    3.35    ppb       .000      3.35                                        =
===============================================================================
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12	13:14:10 21 Jun 12	HG			
				460-41545-A-15-C					
Hg	.087	ppb	.000	.087					=
*** Sample ID:				Seq: 13	13:16:26 21 Jun 12	HG			
				460-41545-A-15-D DU					
Hg	.077	ppb	.000	.077					=
*** Sample ID:				Seq: 14	13:18:12 21 Jun 12	HG			
				460-41545-A-15-E MS					
Hg	1.20	ppb	.000	1.20					=
*** Sample ID:				Seq: 15	13:19:57 21 Jun 12	HG			
				460-41545-A-1-C					
Hg	4.01	ppb	.000	4.01					=
*** Sample ID:				Seq: 16	13:21:51 21 Jun 12	HG			
				460-41545-A-2-C					
Hg	3.63	ppb	.000	3.63					=
*** Sample ID:				Seq: 17	13:23:49 21 Jun 12	HG			
				460-41545-A-3-C					
Hg	1.23	ppb	.000	1.23					=

*** Check Standard: 2 Ck2ACCV			Seq: 18	13:25:47 21 Jun 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	5.45	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB			Seq: 19	13:27:31 21 Jun 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.103	.200	ppb	.000	

*** Sample ID:				Seq: 20	13:29:39 21 Jun 12	HG			
				460-41545-A-4-C					
Hg	3.77	ppb	.000	3.77					=
*** Sample ID:				Seq: 21	13:31:38 21 Jun 12	HG			
				460-41545-A-5-C					
Hg	4.96	ppb	.000	4.96					=
*** Sample ID:				Seq: 22	13:33:23 21 Jun 12	HG			
				460-41545-A-6-C					
Hg	23.4	ppb	.000	23.4					=
*** Sample ID:				Seq: 23	13:35:17 21 Jun 12	HG			
				460-41545-A-7-C					
Hg	.367	ppb	.000	.367					=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 24		13:37:21 21 Jun 12		HG	
				460-41545-A-8-C					
Hg	.495	ppb	.000	.495					=
*** Sample ID:				Seq: 25		13:39:05 21 Jun 12		HG	
				460-41545-A-9-C					
Hg	1.28	ppb	.000	1.28					=
*** Sample ID:				Seq: 26		13:41:03 21 Jun 12		HG	
				460-41545-A-10-C					
Hg	3.15	ppb	.000	3.15					=
*** Sample ID:				Seq: 27		13:42:49 21 Jun 12		HG	
				460-41545-A-11-C					
Hg	.553	ppb	.000	.553					=

*** Check Standard: 2 Ck2ACCV				Seq: 28		13:44:34 21 Jun 12		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		109.	5.47	5.00	ppb	.000			=

*** Check Standard: 1 Ck1ICB/CCB				Seq: 29		13:46:20 21 Jun 12		HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.095	.200	ppb		.000			=
*** Sample ID:				Seq: 30		13:48:15 21 Jun 12		HG	
				460-41545-A-12-C					
Hg	6.49	ppb	.000	6.49					=
*** Sample ID:				Seq: 31		13:50:00 21 Jun 12		HG	
				460-41545-A-13-C					
Hg	.563	ppb	.000	.563					=
*** Sample ID:				Seq: 32		13:51:46 21 Jun 12		HG	
				460-41545-A-14-C					
Hg	3.92	ppb	.000	3.92					=
*** Sample ID:				Seq: 33		13:53:33 21 Jun 12		HG	
				460-41534-E-1-A					
Hg	11.5	ppb	.000	11.5					=
*** Sample ID:				Seq: 34		13:55:40 21 Jun 12		HG	
				460-41534-E-2-A					
Hg	.856	ppb	.000	.856					=
*** Sample ID:				Seq: 35		13:57:26 21 Jun 12		HG	
				460-41534-E-3-A					
Hg	3.00	ppb	.000	3.00					=

POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID:                        Seq:  36     13:59:23 21 Jun 12   HG
                           460-41534-E-4-A
Hg    .213    ppb       .000      .213
                                                                              =
*** Sample ID:                        Seq:  37     14:01:08 21 Jun 12   HG
                           460-41534-E-5-A
Hg    8.85    ppb       .000      8.85
                                                                              =
===============================================================================
*** Sample ID: sd 460-415              Seq:  38     14:02:55 21 Jun 12   HG
                           45-A-15-C@5
Hg   -.072    ppb       .000     -.072
                                                                              =
*** Check Standard: 2  Ck2ACCV        Seq:  39     14:04:49 21 Jun 12   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          109.     5.44    5.00   ppb        .000
                                                                              =
*** Check Standard: 1  Ck1ICB/CCB     Seq:  40     14:06:38 21 Jun 12   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.088     .200     ppb        .000
                                                                              =
*** Sample ID:                        Seq:  41     14:08:28 21 Jun 12   HG
                           MB 460-116968/1-A
Hg   -.053    ppb       .000     -.053
                                                                              =
===============================================================================
*** Sample ID: LCSSRM 460              Seq:  42     14:10:34 21 Jun 12   HG
                           -116968/2-a@20
Hg    3.77    ppb       .000      3.77
                                                                              =
===============================================================================
*** Sample ID:                        Seq:  43     14:12:22 21 Jun 12   HG
                           460-41492-D-21-J
Hg   -.014    ppb       .000     -.014
                                                                              =
*** Sample ID:                        Seq:  44     14:14:18 21 Jun 12   HG
                           460-41492-D-21-K DU
Hg    .007    ppb       .000      .007
                                                                              =
*** Sample ID:                        Seq:  45     14:16:28 21 Jun 12   HG
                           460-41492-D-21-L MS
Hg    1.09    ppb       .000      1.09
                                                                              =
*** Sample ID:                        Seq:  46     14:18:29 21 Jun 12   HG
                           460-41534-E-6-B
Hg    1.15    ppb       .000      1.15
                                                                              =
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 47	14:20:15 21 Jun 12	HG			
				460-41534-E-7-B					
Hg	4.77	ppb	.000	4.77					=
*** Sample ID:				Seq: 48	14:22:31 21 Jun 12	HG			
				460-41492-D-11-D					
Hg	.038	ppb	.000	.038					=
*** Sample ID:				Seq: 49	14:24:20 21 Jun 12	HG			
				460-41492-D-12-D					
Hg	.183	ppb	.000	.183					=

*** Check Standard: 2 Ck2ACCV Seq: 50 14:26:20 21 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		109.	5.46	5.00	ppb	.000	=

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 14:28:03 21 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.097	.200	ppb	.000	=

*** Sample ID:				Seq: 52	14:29:50 21 Jun 12	HG			
				460-41492-D-13-D					
Hg	.081	ppb	.000	.081					=
*** Sample ID:				Seq: 53	14:31:37 21 Jun 12	HG			
				460-41492-D-14-D					
Hg	.257	ppb	.000	.257					=
*** Sample ID:				Seq: 54	14:33:23 21 Jun 12	HG			
				460-41492-D-15-D					
Hg	.801	ppb	.000	.801					=
*** Sample ID:				Seq: 55	14:35:12 21 Jun 12	HG			
				460-41492-D-16-D					
Hg	.223	ppb	.000	.223					=
*** Sample ID:				Seq: 56	14:36:59 21 Jun 12	HG			
				460-41492-D-17-D					
Hg	8.61	ppb	.000	8.61					=
*** Sample ID:				Seq: 57	14:39:15 21 Jun 12	HG			
				460-41492-D-18-A					
Hg	9.50	ppb	.000	9.50					=
*** Sample ID:				Seq: 58	14:42:18 21 Jun 12	HG			
				460-41492-D-19-D					
Hg	3.71	ppb	.000	3.71					=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 59	14:44:08 21 Jun 12	HG		
				460-41492-D-20-D				
Hg	.027	ppb	.000	.027				
*** Sample ID: sd 460-414				Seq: 60	14:46:35 21 Jun 12	HG		
				92-D-21-J@5				
Hg	-.039	ppb	.000	-.039				

*** Check Standard: 2 Ck2ACCV Seq: 61 14:48:21 21 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	5.43	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 62 14:50:05 21 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.095	.200	ppb	.000

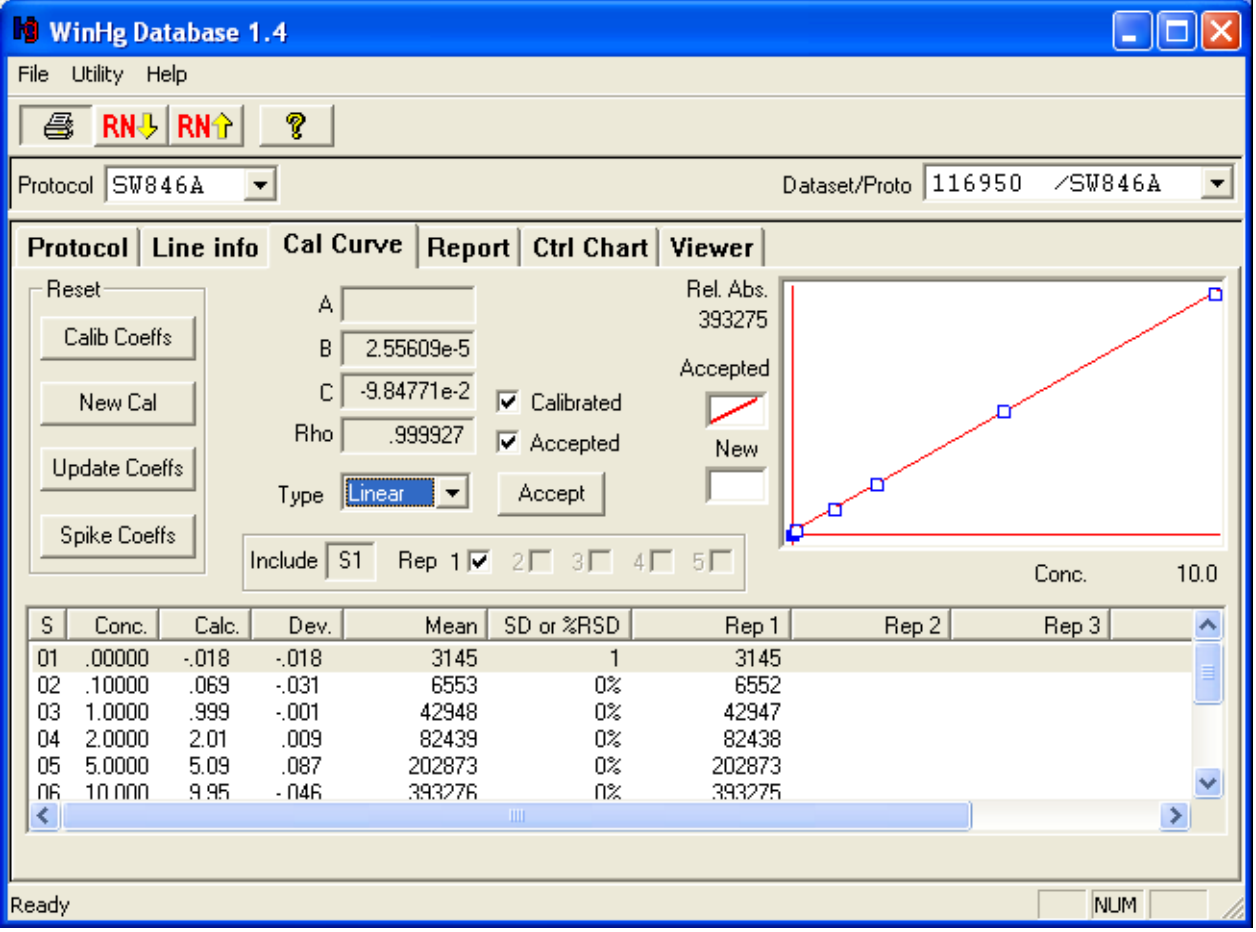
*** Sample ID:				Seq: 63	14:56:09 21 Jun 12	HG		
				460-41545-A-6-C@5				
Hg	5.00	ppb	.000	5.00				
*** Sample ID:				Seq: 64	14:57:54 21 Jun 12	HG		
				460-41545-A-7-C				
Hg	.422	ppb	.000	.422				
*** Sample ID:				Seq: 65	14:59:42 21 Jun 12	HG		
				460-41534-E-1-A@2				
Hg	5.86	ppb	.000	5.86				
*** Sample ID:				Seq: 66	15:01:30 21 Jun 12	HG		
				460-41534-E-2-A				
Hg	.914	ppb	.000	.914				

*** Check Standard: 2 Ck2ACCV Seq: 67 15:03:18 21 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		111.	5.55	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 68 15:05:04 21 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.031	.200	ppb	.000


WinHg Database 1.4
File Utility Help
RN RN
Protocol SW846A
Dataset/Proto 116950 /SW846A
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.55609e-5
C -9.84771e-2
Rho .999927
Type Linear
Calibrated
Accepted
Accept
Rel. Abs. 393275
Accepted
New
Include S1 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 -.018 -.018 3145 1 3145
02 .10000 .069 -.031 6553 0% 6552
03 1.0000 .999 -.001 42948 0% 42947
04 2.0000 2.01 .009 82439 0% 82438
05 5.0000 5.09 .087 202873 0% 202873
06 10.000 9.95 -.046 393276 0% 393275
Ready
NUM

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		12:50:20 21 Jun 12			HG
Hg	.000	ppb	1518						
		Bkgd 1	6224535						
*** Standard: 1 Rep: 1				Seq: 2		12:55:06 21 Jun 12			HG
Hg	.000	ppb	3145						
		Bkgd 1	6235401						
*** Standard: 2 Rep: 1				Seq: 3		12:57:02 21 Jun 12			HG
Hg	.100	ppb	6552						
		Bkgd 1	6232017						
*** Standard: 3 Rep: 1				Seq: 4		12:58:59 21 Jun 12			HG
Hg	1.00	ppb	42947						
		Bkgd 1	6230663						
*** Standard: 4 Rep: 1				Seq: 5		13:00:55 21 Jun 12			HG
Hg	2.00	ppb	82438						
		Bkgd 1	6228943						
*** Standard: 5 Rep: 1				Seq: 6		13:02:53 21 Jun 12			HG
Hg	5.00	ppb	202873						
		Bkgd 1	6228818						
*** Standard: 6 Rep: 1				Seq: 7		13:04:48 21 Jun 12			HG
Hg	10.0	ppb	393275						
		Bkgd 1	6227547						
*** Check Standard: 3			Ck3AICV	Seq: 8		13:06:36 21 Jun 12			HG
Line	Flag		Intensities						
Hg			202443						
		Bkgd 1	6224147						
*** Check Standard: 1			Ck1ICB/CCB	Seq: 9		13:08:31 21 Jun 12			HG
Line	Flag		Intensities						
Hg			456						
		Bkgd 1	6226185						

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 10	13:10:27 21 Jun 12	HG			
				MB 460-116950/1-A					
Hg	-.069	ppb	1151						
		Bkgd 1	6228240						
==========									
*** Sample ID: LCSSRM 460				Seq: 11	13:12:25 21 Jun 12	HG			
				-116950/2-a@20					
Hg	3.35	ppb	135090						
		Bkgd 1	6229021						=
									=
==========									
*** Sample ID:				Seq: 12	13:14:10 21 Jun 12	HG			
				460-41545-A-15-C					
Hg	.087	ppb	7267						
		Bkgd 1	6226875						=
									=
*** Sample ID:				Seq: 13	13:16:26 21 Jun 12	HG			
				460-41545-A-15-D DU					
Hg	.077	ppb	6865						
		Bkgd 1	6226764						=
									=
*** Sample ID:				Seq: 14	13:18:12 21 Jun 12	HG			
				460-41545-A-15-E MS					
Hg	1.20	ppb	50855						
		Bkgd 1	6225945						=
									=
*** Sample ID:				Seq: 15	13:19:57 21 Jun 12	HG			
				460-41545-A-1-C					
Hg	4.01	ppb	160716						
		Bkgd 1	6224001						=
									=
*** Sample ID:				Seq: 16	13:21:51 21 Jun 12	HG			
				460-41545-A-2-C					
Hg	3.63	ppb	145704						
		Bkgd 1	6222331						=
									=
*** Sample ID:				Seq: 17	13:23:49 21 Jun 12	HG			
				460-41545-A-3-C					
Hg	1.23	ppb	51944						
		Bkgd 1	6222063						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 18	13:25:47 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			216925						
		Bkgd 1	6222170						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 1			Ck1ICB/CCB	Seq: 19		13:27:31 21 Jun 12		HG	
Line Flag			Intensities						
Hg			-169						
		Bkgd 1	6219539						=
									=
*** Sample ID:				Seq: 20		13:29:39 21 Jun 12		HG	
			460-41545-A-4-C						
Hg	3.77	ppb	151532						
		Bkgd 1	6220711						=
									=
*** Sample ID:				Seq: 21		13:31:38 21 Jun 12		HG	
			460-41545-A-5-C						
Hg	4.96	ppb	197955						
		Bkgd 1	6221247						=
									=
*** Sample ID:				Seq: 22		13:33:23 21 Jun 12		HG	
			460-41545-A-6-C						
Hg	23.4	ppb	919304						
		Bkgd 1	6219456						=
									=
*** Sample ID:				Seq: 23		13:35:17 21 Jun 12		HG	
			460-41545-A-7-C						
Hg	.367	ppb	18224						
		Bkgd 1	6215941						=
									=
*** Sample ID:				Seq: 24		13:37:21 21 Jun 12		HG	
			460-41545-A-8-C						
Hg	.495	ppb	23200						
		Bkgd 1	6221673						=
									=
*** Sample ID:				Seq: 25		13:39:05 21 Jun 12		HG	
			460-41545-A-9-C						
Hg	1.28	ppb	53736						
		Bkgd 1	6220365						=
									=
*** Sample ID:				Seq: 26		13:41:03 21 Jun 12		HG	
			460-41545-A-10-C						
Hg	3.15	ppb	127085						
		Bkgd 1	6220838						=
									=
*** Sample ID:				Seq: 27		13:42:49 21 Jun 12		HG	
			460-41545-A-11-C						
Hg	.553	ppb	25500						
		Bkgd 1	6220306						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 2			Ck2ACCV	Seq: 28		13:44:34 21 Jun 12		HG	
Line	Flag		Intensities						
Hg			217660						
		Bkgd 1	6221000						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 29		13:46:20 21 Jun 12		HG	
Line	Flag		Intensities						
Hg			150						
		Bkgd 1	6219505						=
									=
*** Sample ID:				Seq: 30		13:48:15 21 Jun 12		HG	
			460-41545-A-12-C						
Hg	6.49	ppb	257771						
		Bkgd 1	6221363						=
									=
*** Sample ID:				Seq: 31		13:50:00 21 Jun 12		HG	
			460-41545-A-13-C						
Hg	.563	ppb	25864						
		Bkgd 1	6219069						=
									=
*** Sample ID:				Seq: 32		13:51:46 21 Jun 12		HG	
			460-41545-A-14-C						
Hg	3.92	ppb	157213						
		Bkgd 1	6221706						=
									=
*** Sample ID:				Seq: 33		13:53:33 21 Jun 12		HG	
			460-41534-E-1-A						
Hg	11.5	ppb	452795						
		Bkgd 1	6219796						=
									=
*** Sample ID:				Seq: 34		13:55:40 21 Jun 12		HG	
			460-41534-E-2-A						
Hg	.856	ppb	37347						
		Bkgd 1	6219470						=
									=
*** Sample ID:				Seq: 35		13:57:26 21 Jun 12		HG	
			460-41534-E-3-A						
Hg	3.00	ppb	121089						
		Bkgd 1	6220392						=
									=
*** Sample ID:				Seq: 36		13:59:23 21 Jun 12		HG	
			460-41534-E-4-A						
Hg	.213	ppb	12203						
		Bkgd 1	6220738						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 37	14:01:08 21 Jun 12	HG		
				460-41534-E-5-A				
Hg	8.85	ppb	350079					
		Bkgd 1	6220373					=
								=
*** Sample ID: sd 460-415				Seq: 38	14:02:55 21 Jun 12	HG		
				45-A-15-C@5				
Hg	-.072	ppb	1030					
		Bkgd 1	6217020					=
								=
*** Check Standard: 2		Ck2ACCV		Seq: 39	14:04:49 21 Jun 12	HG		
Line	Flag		Intensities					
Hg			216843					
		Bkgd 1	6219904					=
								=
*** Check Standard: 1		Ck1ICB/CCB		Seq: 40	14:06:38 21 Jun 12	HG		
Line	Flag		Intensities					
Hg			400					
		Bkgd 1	6218623					=
								=
*** Sample ID:				Seq: 41	14:08:28 21 Jun 12	HG		
				MB 460-116968/1-A				
Hg	-.053	ppb	1793					
		Bkgd 1	6220531					=
								=
*** Sample ID: LCSSRM 460				Seq: 42	14:10:34 21 Jun 12	HG		
				-116968/2-a@20				
Hg	3.77	ppb	151293					
		Bkgd 1	6220217					=
								=
*** Sample ID:				Seq: 43	14:12:22 21 Jun 12	HG		
				460-41492-D-21-J				
Hg	-.014	ppb	3289					
		Bkgd 1	6218580					=
								=
*** Sample ID:				Seq: 44	14:14:18 21 Jun 12	HG		
				460-41492-D-21-K DU				
Hg	.007	ppb	4138					
		Bkgd 1	6219638					=
								=
*** Sample ID:				Seq: 45	14:16:28 21 Jun 12	HG		
				460-41492-D-21-L MS				
Hg	1.09	ppb	46394					
		Bkgd 1	6219367					=
								=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 46	14:18:29 21 Jun 12	HG			
			460-41534-E-6-B						
Hg	1.15	ppb	48652						
		Bkgd 1	6219083						=
									=
*** Sample ID:				Seq: 47	14:20:15 21 Jun 12	HG			
			460-41534-E-7-B						
Hg	4.77	ppb	190282						
		Bkgd 1	6218634						=
									=
*** Sample ID:				Seq: 48	14:22:31 21 Jun 12	HG			
			460-41492-D-11-D						
Hg	.038	ppb	5357						
		Bkgd 1	6218229						=
									=
*** Sample ID:				Seq: 49	14:24:20 21 Jun 12	HG			
			460-41492-D-12-D						
Hg	.183	ppb	11029						
		Bkgd 1	6218559						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 50	14:26:20 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			217345						
		Bkgd 1	6218547						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 51	14:28:03 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			72						
		Bkgd 1	6215665						=
									=
*** Sample ID:				Seq: 52	14:29:50 21 Jun 12	HG			
			460-41492-D-13-D						
Hg	.081	ppb	7016						
		Bkgd 1	6218264						=
									=
*** Sample ID:				Seq: 53	14:31:37 21 Jun 12	HG			
			460-41492-D-14-D						
Hg	.257	ppb	13905						
		Bkgd 1	6216700						=
									=
*** Sample ID:				Seq: 54	14:33:23 21 Jun 12	HG			
			460-41492-D-15-D						
Hg	.801	ppb	35185						
		Bkgd 1	6216901						=
									=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 55	14:35:12 21 Jun 12	HG			
				460-41492-D-16-D					
Hg	.223	ppb	12588						
		Bkgd 1	6216374						=
									=
*** Sample ID:				Seq: 56	14:36:59 21 Jun 12	HG			
				460-41492-D-17-D					
Hg	8.61	ppb	340550						
		Bkgd 1	6215206						=
									=
*** Sample ID:				Seq: 57	14:39:15 21 Jun 12	HG			
				460-41492-D-18-A					
Hg	9.50	ppb	375338						
		Bkgd 1	6214298						=
									=
*** Sample ID:				Seq: 58	14:42:18 21 Jun 12	HG			
				460-41492-D-19-D					
Hg	3.71	ppb	148874						
		Bkgd 1	6212263						=
									=
*** Sample ID:				Seq: 59	14:44:08 21 Jun 12	HG			
				460-41492-D-20-D					
Hg	.027	ppb	4915						
		Bkgd 1	6212668						=
									=
*** Sample ID: sd 460-414				Seq: 60	14:46:35 21 Jun 12	HG			
				92-D-21-J@5					
Hg	-.039	ppb	2313						
		Bkgd 1	6214872						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 61	14:48:21 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			216131						
		Bkgd 1	6214216						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 62	14:50:05 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			142						
		Bkgd 1	6211292						=
									=
*** Sample ID:				Seq: 63	14:56:09 21 Jun 12	HG			
				460-41545-A-6-C@5					
Hg	5.00	ppb	199281						
		Bkgd 1	6213253						=
									=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 64	14:57:54 21 Jun 12	HG			
				460-41545-A-7-C					
Hg	.422	ppb	20352						
		Bkgd 1	6210794						=
									=
*** Sample ID:				Seq: 65	14:59:42 21 Jun 12	HG			
				460-41534-E-1-A@2					
Hg	5.86	ppb	233230						
		Bkgd 1	6212719						=
									=
*** Sample ID:				Seq: 66	15:01:30 21 Jun 12	HG			
				460-41534-E-2-A					
Hg	.914	ppb	39613						
		Bkgd 1	6209985						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 67	15:03:18 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			220900						
		Bkgd 1	6204720						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 68	15:05:04 21 Jun 12	HG			
Line	Flag		Intensities						
Hg			2642						
		Bkgd 1	6196185						=
									=

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Standard: 1 Rep: 1             Seq:  1       14:37:36 22 Jun 12   HG

Hg    .000    ppb      3583                                                  =
*** Standard: 2 Rep: 1             Seq:  2       14:39:26 22 Jun 12   HG

Hg    .100    ppb      6038                                                  =
*** Standard: 3 Rep: 1             Seq:  3       14:41:31 22 Jun 12   HG

Hg    1.00    ppb      49711                                                 =
*** Standard: 4 Rep: 1             Seq:  4       14:43:36 22 Jun 12   HG

Hg    2.00    ppb      95647                                                 =
*** Standard: 5 Rep: 1             Seq:  5       14:45:22 22 Jun 12   HG

Hg    5.00    ppb      238075                                                =
*** Standard: 6 Rep: 1             Seq:  6       14:47:20 22 Jun 12   HG

Hg    10.0    ppb      452763                                                =
*** Check Standard: 3  Ck3AICV     Seq:  7       14:49:06 22 Jun 12   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.1     4.86    5.00   ppb         .000                         =
*** Check Standard: 1  Ck1ICB/CCB  Seq:  8       14:51:05 22 Jun 12   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.063     .200     ppb         .000                              =
*** Sample ID:                     Seq:  9       14:53:04 22 Jun 12   HG
                          MB 460-117140/1-A
Hg   -.065    ppb       .000     -.065                                       =
===============================================================================
*** Sample ID: LCSSRM 460          Seq:  10      14:55:03 22 Jun 12   HG
                          -117140/2-a@20
Hg    3.67    ppb       .000      3.67                                       =
===============================================================================
*** Sample ID:                     Seq:  11      14:57:20 22 Jun 12   HG
                          460-41546-A-5-A
Hg   -.014    ppb       .000     -.014                                       =
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12	14:59:04 22 Jun 12	HG			
				460-41546-A-5-B DU					
Hg	-.011	ppb	.000	-.011					=
*** Sample ID:				Seq: 13	15:01:02 22 Jun 12	HG			
				460-41546-A-5-C MS					
Hg	.978	ppb	.000	.978					=
*** Sample ID:				Seq: 14	15:02:49 22 Jun 12	HG			
				460-41447-A-1-P					
Hg	-.025	ppb	.000	-.025					=
*** Sample ID:				Seq: 15	15:04:37 22 Jun 12	HG			
				460-41567-C-4-B					
Hg	.168	ppb	.000	.168					=
*** Sample ID:				Seq: 16	15:06:23 22 Jun 12	HG			
				460-41577-A-3-B					
Hg	.173	ppb	.000	.173					=
*** Sample ID:				Seq: 17	15:08:28 22 Jun 12	HG			
				460-41552-F-1-A					
Hg	8.48	ppb	.000	8.48					=
*** Sample ID:				Seq: 18	15:10:33 22 Jun 12	HG			
				460-41482-G-1-A					
Hg	-.065	ppb	.000	-.065					=
*** Check Standard: 2 Ck2ACCV				Seq: 19	15:12:39 22 Jun 12	HG			
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		98.8	4.94	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 20	15:14:24 22 Jun 12	HG			
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.099	.200	ppb	.000				=
*** Sample ID:				Seq: 21	15:16:39 22 Jun 12	HG			
				460-41492-D-22-D					
Hg	.139	ppb	.000	.139					=
*** Sample ID:				Seq: 22	15:18:27 22 Jun 12	HG			
				460-41492-D-23-D					
Hg	.044	ppb	.000	.044					=
*** Sample ID:				Seq: 23	15:20:21 22 Jun 12	HG			
				460-41546-A-1-A					
Hg	.041	ppb	.000	.041					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 24	15:23:35 22 Jun 12	HG			
				460-41546-A-2-A					
Hg	15.5	ppb	.000	15.5					=
*** Sample ID:				Seq: 25	15:25:30 22 Jun 12	HG			
				460-41546-A-3-A					
Hg	1.02	ppb	.000	1.02					=
*** Sample ID:				Seq: 26	15:27:49 22 Jun 12	HG			
				460-41546-A-4-A					
Hg	-.086	ppb	.000	-.086					=
*** Sample ID:				Seq: 27	15:29:49 22 Jun 12	HG			
				460-41546-A-6-A					
Hg	.088	ppb	.000	.088					=
*** Sample ID:				Seq: 28	15:31:49 22 Jun 12	HG			
				460-41546-A-7-A					
Hg	.178	ppb	.000	.178					=
*** Sample ID:				Seq: 29	15:33:36 22 Jun 12	HG			
				460-41546-A-8-A					
Hg	.003	ppb	.000	.003					=
*** Sample ID:				Seq: 30	15:35:24 22 Jun 12	HG			
				sd 460-41546-A-5-A@5					
Hg	-.047	ppb	.000	-.047					=
*** Check Standard: 2 Ck2ACCV				Seq: 31	15:37:13 22 Jun 12	HG			
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		104.	5.18	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 32	15:39:18 22 Jun 12	HG			
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.008	.200	ppb	.000				=
*** Sample ID:				Seq: 33	15:42:41 22 Jun 12	HG			
				460-41546-A-2-A@3					
Hg	5.56	ppb	.000	5.56					=
*** Sample ID:				Seq: 34	15:44:26 22 Jun 12	HG			
				460-41546-A-3-A					
Hg	1.08	ppb	.000	1.08					=
*** Check Standard: 2 Ck2ACCV				Seq: 35	15:46:11 22 Jun 12	HG			
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.	5.02	5.00	ppb	.000			=

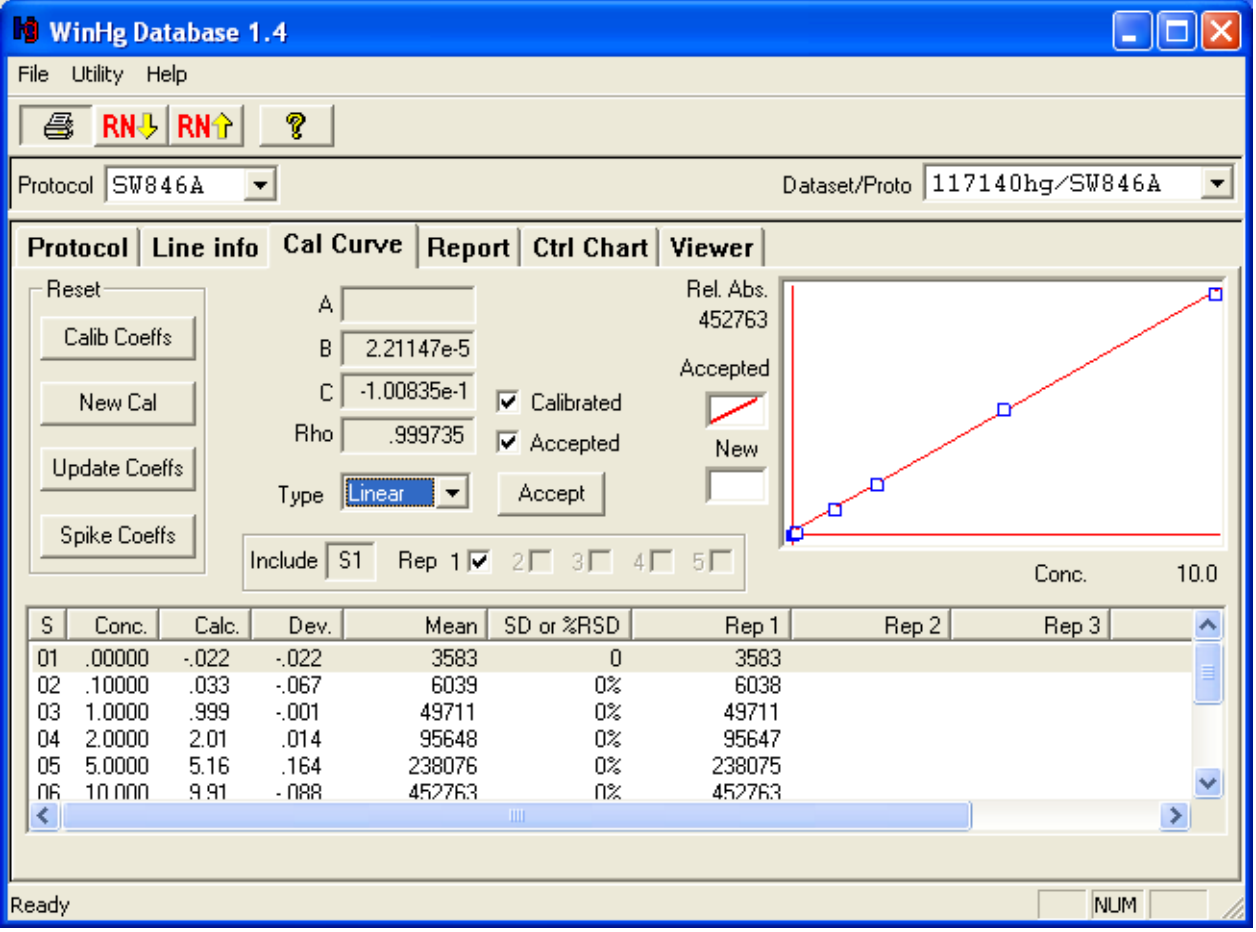
Protocol: SW846
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 36 15:47:54 22 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.066	.200	ppb	.000

=


WinHg Database 1.4
File Utility Help
RN RN
Protocol SW846A
Dataset/Proto 117140hg/SW846A
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.21147e-5
C -1.00835e-1
Rho .999735
Type Linear
Calibrated
Accepted
Accept
Rel. Abs. 452763
Accepted
New
Include S1 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 -.022 -.022 3583 0 3583
02 .10000 .033 -.067 6039 0% 6038
03 1.0000 .999 -.001 49711 0% 49711
04 2.0000 2.01 .014 95648 0% 95647
05 5.0000 5.16 .164 238076 0% 238075
06 10.000 9.91 -.088 452763 0% 452763
Ready
NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		14:37:36 22 Jun 12		HG	
Hg	.000	ppb	3583						
		Bkgd 1	6263620						=
									=
*** Standard: 2 Rep: 1				Seq: 2		14:39:26 22 Jun 12		HG	
Hg	.100	ppb	6038						
		Bkgd 1	6258793						=
									=
*** Standard: 3 Rep: 1				Seq: 3		14:41:31 22 Jun 12		HG	
Hg	1.00	ppb	49711						
		Bkgd 1	6258858						=
									=
*** Standard: 4 Rep: 1				Seq: 4		14:43:36 22 Jun 12		HG	
Hg	2.00	ppb	95647						
		Bkgd 1	6257719						=
									=
*** Standard: 5 Rep: 1				Seq: 5		14:45:22 22 Jun 12		HG	
Hg	5.00	ppb	238075						
		Bkgd 1	6256766						=
									=
*** Standard: 6 Rep: 1				Seq: 6		14:47:20 22 Jun 12		HG	
Hg	10.0	ppb	452763						
		Bkgd 1	6255589						=
									=
*** Check Standard: 3		Ck3AICV		Seq: 7		14:49:06 22 Jun 12		HG	
Line	Flag		Intensities						
Hg			224158						
		Bkgd 1	6253425						=
									=
*** Check Standard: 1		Ck1ICB/CCB		Seq: 8		14:51:05 22 Jun 12		HG	
Line	Flag		Intensities						
Hg			1714						
		Bkgd 1	6255197						=
									=
*** Sample ID:				Seq: 9		14:53:04 22 Jun 12		HG	
			MB 460-117140/1-A						
Hg	-.065	ppb	1610						
		Bkgd 1	6253459						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: LCSSRM 460				Seq: 10	14:55:03 22 Jun 12				HG
				-117140/2-a@20					
Hg	3.67	ppb	170299						
		Bkgd 1	6251698						=
									=
*** Sample ID:				Seq: 11	14:57:20 22 Jun 12				HG
				460-41546-A-5-A					
Hg	-.014	ppb	3937						
		Bkgd 1	6248751						=
									=
*** Sample ID:				Seq: 12	14:59:04 22 Jun 12				HG
				460-41546-A-5-B DU					
Hg	-.011	ppb	4069						
		Bkgd 1	6246560						=
									=
*** Sample ID:				Seq: 13	15:01:02 22 Jun 12				HG
				460-41546-A-5-C MS					
Hg	.978	ppb	48789						
		Bkgd 1	6245010						=
									=
*** Sample ID:				Seq: 14	15:02:49 22 Jun 12				HG
				460-41447-A-1-P					
Hg	-.025	ppb	3451						
		Bkgd 1	6246472						=
									=
*** Sample ID:				Seq: 15	15:04:37 22 Jun 12				HG
				460-41567-C-4-B					
Hg	.168	ppb	12175						
		Bkgd 1	6244253						=
									=
*** Sample ID:				Seq: 16	15:06:23 22 Jun 12				HG
				460-41577-A-3-B					
Hg	.173	ppb	12377						
		Bkgd 1	6243873						=
									=
*** Sample ID:				Seq: 17	15:08:28 22 Jun 12				HG
				460-41552-F-1-A					
Hg	8.48	ppb	388101						
		Bkgd 1	6245323						=
									=
*** Sample ID:				Seq: 18	15:10:33 22 Jun 12				HG
				460-41482-G-1-A					
Hg	-.065	ppb	1621						
		Bkgd 1	6244603						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 2			Ck2ACCV	Seq: 19		15:12:39 22 Jun 12		HG	
Line	Flag		Intensities						
Hg			227829						
		Bkgd 1	6246374						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 20		15:14:24 22 Jun 12		HG	
Line	Flag		Intensities						
Hg			76						
		Bkgd 1	6246480						=
									=
*** Sample ID:				Seq: 21		15:16:39 22 Jun 12		HG	
			460-41492-D-22-D						
Hg	.139	ppb	10850						
		Bkgd 1	6250256						=
									=
*** Sample ID:				Seq: 22		15:18:27 22 Jun 12		HG	
			460-41492-D-23-D						
Hg	.044	ppb	6567						
		Bkgd 1	6249210						=
									=
*** Sample ID:				Seq: 23		15:20:21 22 Jun 12		HG	
			460-41546-A-1-A						
Hg	.041	ppb	6427						
		Bkgd 1	6250748						=
									=
*** Sample ID:				Seq: 24		15:23:35 22 Jun 12		HG	
			460-41546-A-2-A						
Hg	15.5	ppb	707566						
		Bkgd 1	6250472						=
									=
*** Sample ID:				Seq: 25		15:25:30 22 Jun 12		HG	
			460-41546-A-3-A						
Hg	1.02	ppb	50514						
		Bkgd 1	6247883						=
									=
*** Sample ID:				Seq: 26		15:27:49 22 Jun 12		HG	
			460-41546-A-4-A						
Hg	-.086	ppb	674						
		Bkgd 1	6249392						=
									=
*** Sample ID:				Seq: 27		15:29:49 22 Jun 12		HG	
			460-41546-A-6-A						
Hg	.088	ppb	8543						
		Bkgd 1	6251737						=
									=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 28	15:31:49 22 Jun 12	HG			
				460-41546-A-7-A					
Hg	.178	ppb	12609						
		Bkgd 1	6254724						=
									=
*** Sample ID:				Seq: 29	15:33:36 22 Jun 12	HG			
				460-41546-A-8-A					
Hg	.003	ppb	4676						
		Bkgd 1	6253198						=
									=
*** Sample ID:				Seq: 30	15:35:24 22 Jun 12	HG			
				sd 460-41546-A-5-A@5					
Hg	-.047	ppb	2443						
		Bkgd 1	6253561						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 31	15:37:13 22 Jun 12	HG			
Line	Flag		Intensities						
Hg			238991						
		Bkgd 1	6254625						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 32	15:39:18 22 Jun 12	HG			
Line	Flag		Intensities						
Hg			4937						
		Bkgd 1	6253563						=
									=
*** Sample ID:				Seq: 33	15:42:41 22 Jun 12	HG			
				460-41546-A-2-A@3					
Hg	5.56	ppb	256029						
		Bkgd 1	6254293						=
									=
*** Sample ID:				Seq: 34	15:44:26 22 Jun 12	HG			
				460-41546-A-3-A					
Hg	1.08	ppb	53482						
		Bkgd 1	6252127						=
									=
*** Check Standard: 2			Ck2ACCV	Seq: 35	15:46:11 22 Jun 12	HG			
Line	Flag		Intensities						
Hg			231620						
		Bkgd 1	6250356						=
									=
*** Check Standard: 1			Ck1ICB/CCB	Seq: 36	15:47:54 22 Jun 12	HG			
Line	Flag		Intensities						
Hg			1597						
		Bkgd 1	6250448						=
									=

Thomas Staib
Leeman 5
Method 7471
6-20-2012

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 Seq: 1 19:22:03 20 Jun 12 HG

Hg .000 ppb 139

*** Standard: 2 Rep: 1 Seq: 2 19:23:57 20 Jun 12 HG

Hg .100 ppb 431

*** Standard: 3 Rep: 1 Seq: 3 19:25:47 20 Jun 12 HG

Hg 1.00 ppb 3505

*** Standard: 4 Rep: 1 Seq: 4 19:27:58 20 Jun 12 HG

Hg 2.00 ppb 7108

*** Standard: 5 Rep: 1 Seq: 5 19:30:22 20 Jun 12 HG

Hg 5.00 ppb 17718

*** Standard: 6 Rep: 1 Seq: 6 19:32:18 20 Jun 12 HG

Hg 10.0 ppb 34300

*** Check Standard: 3 Ck3AICV Seq: 7 19:34:20 20 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 100. 5.01 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:36:19 20 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.016 .200 ppb .000

*** Sample ID: Seq: 9 19:38:12 20 Jun 12 HG
mb 460-116853/10-a
Hg -.031 ppb .000 -.031

==========

*** Sample ID: lcssrm 460 Seq: 10 19:40:11 20 Jun 12 HG
-116853/11-a@10
Hg 6.80 ppb .000 6.80
=

==========

*** Sample ID: Seq: 11 19:42:13 20 Jun 12 HG
460-41498-b-1-a
Hg .056 ppb .000 .056
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 12 19:44:15 20 Jun 12 HG
460-41498-b-1-b du
Hg .047 ppb .000 .047
=

*** Sample ID: Seq: 13 19:46:14 20 Jun 12 HG
460-41498-b-1-c ms
Hg .988 ppb .000 .988
=

*** Sample ID: Seq: 14 19:48:24 20 Jun 12 HG
460-41498-b-2-a
Hg .044 ppb .000 .044
=

*** Sample ID: Seq: 15 19:50:22 20 Jun 12 HG
460-41498-b-3-a
Hg .062 ppb .000 .062
=

*** Sample ID: Seq: 16 19:52:17 20 Jun 12 HG
460-41498-b-4-a
Hg .108 ppb .000 .108
=

*** Sample ID: Seq: 17 19:54:20 20 Jun 12 HG
460-41486-e-1-b
Hg .542 ppb .000 .542
=

*** Sample ID: Seq: 18 19:56:39 20 Jun 12 HG
460-41486-e-2-b
Hg .878 ppb .000 .878
=

*** Check Standard: 2 Ck2ACCV Seq: 19 19:58:53 20 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.11 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:00:47 20 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.049 .200 ppb .000
=

*** Sample ID: Seq: 21 20:02:39 20 Jun 12 HG
460-41486-e-3-b
Hg 3.81 ppb .000 3.81
=

*** Sample ID: Seq: 22 20:04:51 20 Jun 12 HG
460-41486-e-4-b
Hg 1.24 ppb .000 1.24
=

*** Sample ID: Seq: 23 20:06:51 20 Jun 12 HG
460-41486-e-5-b
Hg .731 ppb .000 .731
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 24 20:08:50 20 Jun 12 HG
460-41486-e-6-b
Hg 29.2 ppb .000 29.2
=

*** Sample ID: Seq: 25 20:11:00 20 Jun 12 HG
460-41486-e-7-b
Hg .325 ppb .000 .325
=

*** Sample ID: Seq: 26 20:12:50 20 Jun 12 HG
460-41486-e-8-a
Hg .045 ppb .000 .045
=

*** Sample ID: Seq: 27 20:14:53 20 Jun 12 HG
460-41486-e-9-a
Hg .006 ppb .000 .006
=

*** Sample ID: Seq: 28 20:17:24 20 Jun 12 HG
460-41486-e-10-a
Hg .013 ppb .000 .013
=

*** Sample ID: Seq: 29 20:19:33 20 Jun 12 HG
460-41486-e-11-a
Hg .364 ppb .000 .364
=

*** Sample ID: Seq: 30 20:21:44 20 Jun 12 HG
460-41486-e-12-a
Hg 1.28 ppb .000 1.28
=

*** Check Standard: 2 Ck2ACCV Seq: 31 20:23:43 20 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 103. 5.15 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:25:31 20 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.058 .200 ppb .000
=

*** Sample ID: Seq: 33 20:27:20 20 Jun 12 HG
460-41486-e-13-a
Hg 7.83 ppb .000 7.83
=

*** Sample ID: Seq: 34 20:29:15 20 Jun 12 HG
460-41486-e-14-a
Hg 9.35 ppb .000 9.35
=

*** Sample ID: Seq: 35 20:31:49 20 Jun 12 HG
460-41486-e-15-a
Hg .716 ppb .000 .716
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 36 20:33:49 20 Jun 12 HG
460-41486-e-16-a
Hg .537 ppb .000 .537
=

*** Sample ID: Seq: 37 20:35:52 20 Jun 12 HG
460-41486-e-6-b@5
Hg 5.74 ppb .000 5.74
=

*** Sample ID: Seq: 38 20:38:23 20 Jun 12 HG
460-41486-e-7-b
Hg .436 ppb .000 .436
=

*** Sample ID: Seq: 39 20:41:38 20 Jun 12 HG
SD 460-41498-b-1-a@5
Hg -.016 ppb .000 -.016
=

*** Check Standard: 2 Ck2ACCV Seq: 40 20:43:42 20 Jun 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 103. 5.15 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 20:46:11 20 Jun 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.029 .200 ppb .000
=

*** Sample ID: Seq: 42 20:48:12 20 Jun 12 HG
mb 460-116861/10-a
Hg -.036 ppb .000 -.036
=

==========

*** Sample ID: lcssrm 460 Seq: 43 20:50:35 20 Jun 12 HG
-116861/11-a@10
Hg 6.97 ppb .000 6.97
=

==========

*** Sample ID: Seq: 44 20:52:34 20 Jun 12 HG
460-41492-d-8-a
Hg .026 ppb .000 .026
=

*** Sample ID: Seq: 45 20:55:35 20 Jun 12 HG
460-41492-d-8-b du
Hg .031 ppb .000 .031
=

*** Sample ID: Seq: 46 20:58:10 20 Jun 12 HG
460-41492-d-8-c ms
Hg .968 ppb .000 .968
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 21:00:10 20 Jun 12 HG
460-41486-e-17-a
Hg .043 ppb .000 .043
=

*** Sample ID: Seq: 48 21:02:25 20 Jun 12 HG
460-41489-h-1-a
Hg .032 ppb .000 .032
=

*** Sample ID: Seq: 49 21:04:15 20 Jun 12 HG
460-41489-h-2-a
Hg .060 ppb .000 .060
=

*** Sample ID: Seq: 50 21:06:27 20 Jun 12 HG
460-41489-h-3-a
Hg .022 ppb .000 .022
=

*** Sample ID: Seq: 51 21:08:27 20 Jun 12 HG
460-41489-h-4-a
Hg .052 ppb .000 .052
=

*** Check Standard: 2 Ck2ACCV Seq: 52 21:10:31 20 Jun 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.4	4.97	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 53 21:12:30 20 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.075	.200	ppb	.000

=

*** Sample ID: Seq: 54 21:14:55 20 Jun 12 HG
460-41492-d-1-a
Hg .431 ppb .000 .431
=

*** Sample ID: Seq: 55 21:16:45 20 Jun 12 HG
460-41492-d-2-a
Hg .123 ppb .000 .123
=

*** Sample ID: Seq: 56 21:19:09 20 Jun 12 HG
460-41492-d-3-a
Hg .171 ppb .000 .171
=

*** Sample ID: Seq: 57 21:21:10 20 Jun 12 HG
460-41492-d-4-a
Hg .099 ppb .000 .099
=

*** Sample ID: Seq: 58 21:23:11 20 Jun 12 HG
460-41492-d-5-a
Hg .954 ppb .000 .954
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 59 21:25:01 20 Jun 12 HG
460-41492-d-6-a
Hg .099 ppb .000 .099
=

*** Sample ID: Seq: 60 21:26:51 20 Jun 12 HG
460-41492-d-7-a
Hg .056 ppb .000 .056
=

*** Sample ID: Seq: 61 21:28:52 20 Jun 12 HG
460-41492-d-9-a
Hg .220 ppb .000 .220
=

*** Sample ID: Seq: 62 21:30:42 20 Jun 12 HG
460-41492-d-10-a
Hg .053 ppb .000 .053
=

*** Sample ID: Seq: 63 21:33:04 20 Jun 12 HG
SD 460-41492-d-8-a@5
Hg .033 ppb .000 .033
=

*** Check Standard: 2 Ck2ACCV Seq: 64 21:35:06 20 Jun 12 HG

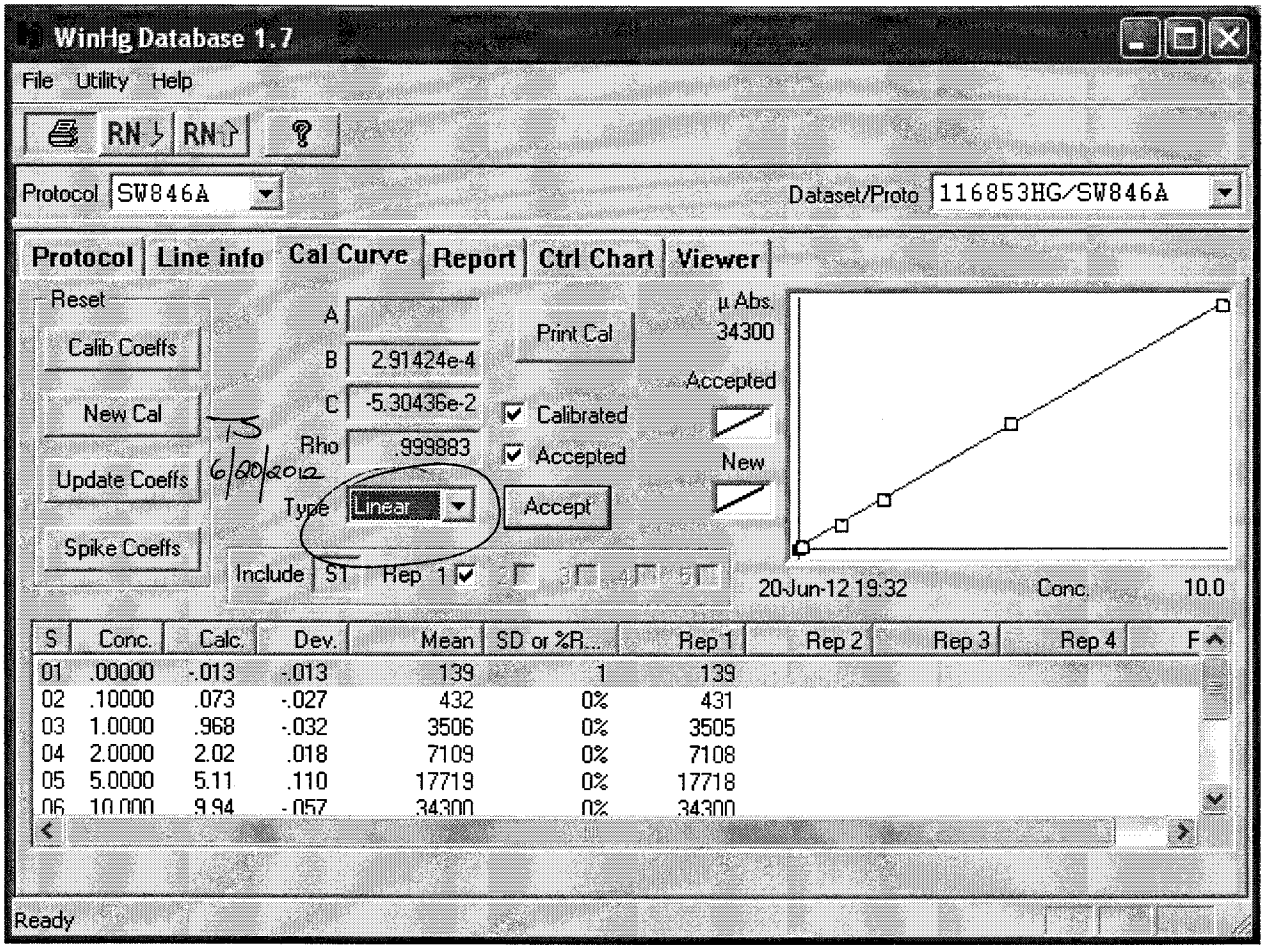
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.10	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 65 21:36:54 20 Jun 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.077	.200	ppb	.000

=


WinHg Database 1.7
File Utility Help
RN
RN
Protocol SW846A
Dataset/Proto 116853HG/SW846A
Protocol
Line info
Cal Curve
Report
Ctrl Chart
Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.91424e-4
C -5.30436e-2
Rho .999883
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
34300
Accepted
New
TS
6/20/2012
Include S1 Rep 1
20-Jun-12 19:32
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 -.013 -.013 139 1 139
02 .10000 .073 -.027 432 0% 431
03 1.0000 .968 -.032 3506 0% 3505
04 2.0000 2.02 .018 7109 0% 7108
05 5.0000 5.11 .110 17719 0% 17718
06 10.000 9.94 -.057 34300 0% 34300
Ready

Thomas Stalb
Leeman 5
Method 7471
6-20-2012

(INTENSITIES)

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 Seq: 1 19:22:03 20 Jun 12 HG

Hg .000 ppb 139

=

*** Standard: 2 Rep: 1 Seq: 2 19:23:57 20 Jun 12 HG

Hg .100 ppb 431

=

*** Standard: 3 Rep: 1 Seq: 3 19:25:47 20 Jun 12 HG

Hg 1.00 ppb 3505

=

*** Standard: 4 Rep: 1 Seq: 4 19:27:58 20 Jun 12 HG

Hg 2.00 ppb 7108

=

*** Standard: 5 Rep: 1 Seq: 5 19:30:22 20 Jun 12 HG

Hg 5.00 ppb 17718

=

*** Standard: 6 Rep: 1 Seq: 6 19:32:18 20 Jun 12 HG

Hg 10.0 ppb 34300

=

*** Check Standard: 3 Ck3AICV Seq: 7 19:34:20 20 Jun 12 HG
Line Flag Intensities
Hg 17362

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:36:19 20 Jun 12 HG
Line Flag Intensities
Hg 126

=

*** Sample ID: Seq: 9 19:38:12 20 Jun 12 HG
mb 460-116853/10-a
Hg -.031 ppb 77

=

==========

*** Sample ID: lcssrm 460 Seq: 10 19:40:11 20 Jun 12 HG
-116853/11-a@10
Hg 6.80 ppb 23507

=

==========

*** Sample ID: Seq: 11 19:42:13 20 Jun 12 HG
460-41498-b-1-a
Hg .056 ppb 373

=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 12 19:44:15 20 Jun 12 HG
460-41498-b-1-b du
Hg .047 ppb 343
=

*** Sample ID: Seq: 13 19:46:14 20 Jun 12 HG
460-41498-b-1-c ms
Hg .988 ppb 3571
=

*** Sample ID: Seq: 14 19:48:24 20 Jun 12 HG
460-41498-b-2-a
Hg .044 ppb 332
=

*** Sample ID: Seq: 15 19:50:22 20 Jun 12 HG
460-41498-b-3-a
Hg .062 ppb 394
=

*** Sample ID: Seq: 16 19:52:17 20 Jun 12 HG
460-41498-b-4-a
Hg .108 ppb 553
=

*** Sample ID: Seq: 17 19:54:20 20 Jun 12 HG
460-41486-e-1-b
Hg .542 ppb 2042
=

*** Sample ID: Seq: 18 19:56:39 20 Jun 12 HG
460-41486-e-2-b
Hg .878 ppb 3194
=

*** Check Standard: 2 Ck2ACCV Seq: 19 19:58:53 20 Jun 12 HG
Line Flag Intensities
Hg 17718
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:00:47 20 Jun 12 HG
Line Flag Intensities
Hg 13
=

*** Sample ID: Seq: 21 20:02:39 20 Jun 12 HG
460-41486-e-3-b
Hg 3.81 ppb 13252
=

*** Sample ID: Seq: 22 20:04:51 20 Jun 12 HG
460-41486-e-4-b
Hg 1.24 ppb 4445
=

*** Sample ID: Seq: 23 20:06:51 20 Jun 12 HG
460-41486-e-5-b
Hg .731 ppb 2692
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 24 20:08:50 20 Jun 12 HG
460-41486-e-6-b
Hg 29.2 ppb 100549
=

*** Sample ID: Seq: 25 20:11:00 20 Jun 12 HG
460-41486-e-7-b
Hg .325 ppb 1296
=

*** Sample ID: Seq: 26 20:12:50 20 Jun 12 HG
460-41486-e-8-a
Hg .045 ppb 336
=

*** Sample ID: Seq: 27 20:14:53 20 Jun 12 HG
460-41486-e-9-a
Hg .006 ppb 201
=

*** Sample ID: Seq: 28 20:17:24 20 Jun 12 HG
460-41486-e-10-a
Hg .013 ppb 228
=

*** Sample ID: Seq: 29 20:19:33 20 Jun 12 HG
460-41486-e-11-a
Hg .364 ppb 1430
=

*** Sample ID: Seq: 30 20:21:44 20 Jun 12 HG
460-41486-e-12-a
Hg 1.28 ppb 4562
=

*** Check Standard: 2 Ck2ACCV Seq: 31 20:23:43 20 Jun 12 HG
Line Flag Intensities
Hg 17839
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:25:31 20 Jun 12 HG
Line Flag Intensities
Hg -17
=

*** Sample ID: Seq: 33 20:27:20 20 Jun 12 HG
460-41486-e-13-a
Hg 7.83 ppb 27043
=

*** Sample ID: Seq: 34 20:29:15 20 Jun 12 HG
460-41486-e-14-a
Hg 9.35 ppb 32274
=

*** Sample ID: Seq: 35 20:31:49 20 Jun 12 HG
460-41486-e-15-a
Hg .716 ppb 2640
=

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 36 20:33:49 20 Jun 12 HG
460-41486-e-16-a
Hg .537 ppb 2026
=

*** Sample ID: Seq: 37 20:35:52 20 Jun 12 HG
460-41486-e-6-b@5
Hg 5.74 ppb 19893
=

*** Sample ID: Seq: 38 20:38:23 20 Jun 12 HG
460-41486-e-7-b
Hg .436 ppb 1679
=

*** Sample ID: Seq: 39 20:41:38 20 Jun 12 HG
SD 460-41498-b-1-a@5
Hg -.016 ppb 128
=

*** Check Standard: 2 Ck2ACCV Seq: 40 20:43:42 20 Jun 12 HG
Line Flag Intensities
Hg 17852
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 20:46:11 20 Jun 12 HG
Line Flag Intensities
Hg 82
=

*** Sample ID: Seq: 42 20:48:12 20 Jun 12 HG
mb 460-116861/10-a
Hg -.036 ppb 59
=

==========

*** Sample ID: lcssrm 460 Seq: 43 20:50:35 20 Jun 12 HG
-116861/11-a@10
Hg 6.97 ppb 24095
=

==========

*** Sample ID: Seq: 44 20:52:34 20 Jun 12 HG
460-41492-d-8-a
Hg .026 ppb 270
=

*** Sample ID: Seq: 45 20:55:35 20 Jun 12 HG
460-41492-d-8-b du
Hg .031 ppb 288
=

*** Sample ID: Seq: 46 20:58:10 20 Jun 12 HG
460-41492-d-8-c ms
Hg .968 ppb 3505
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 21:00:10 20 Jun 12 HG
460-41486-e-17-a
Hg .043 ppb 329
=

*** Sample ID: Seq: 48 21:02:25 20 Jun 12 HG
460-41489-h-1-a
Hg .032 ppb 292
=

*** Sample ID: Seq: 49 21:04:15 20 Jun 12 HG
460-41489-h-2-a
Hg .060 ppb 388
=

*** Sample ID: Seq: 50 21:06:27 20 Jun 12 HG
460-41489-h-3-a
Hg .022 ppb 259
=

*** Sample ID: Seq: 51 21:08:27 20 Jun 12 HG
460-41489-h-4-a
Hg .052 ppb 360
=

*** Check Standard: 2 Ck2ACCV Seq: 52 21:10:31 20 Jun 12 HG
Line Flag Intensities
Hg 17241
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 53 21:12:30 20 Jun 12 HG
Line Flag Intensities
Hg -75
=

*** Sample ID: Seq: 54 21:14:55 20 Jun 12 HG
460-41492-d-1-a
Hg .431 ppb 1660
=

*** Sample ID: Seq: 55 21:16:45 20 Jun 12 HG
460-41492-d-2-a
Hg .123 ppb 604
=

*** Sample ID: Seq: 56 21:19:09 20 Jun 12 HG
460-41492-d-3-a
Hg .171 ppb 768
=

*** Sample ID: Seq: 57 21:21:10 20 Jun 12 HG
460-41492-d-4-a
Hg .099 ppb 523
=

*** Sample ID: Seq: 58 21:23:11 20 Jun 12 HG
460-41492-d-5-a
Hg .954 ppb 3456
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 59 21:25:01 20 Jun 12 HG
460-41492-d-6-a
Hg .099 ppb 523
=

*** Sample ID: Seq: 60 21:26:51 20 Jun 12 HG
460-41492-d-7-a
Hg .056 ppb 375
=

*** Sample ID: Seq: 61 21:28:52 20 Jun 12 HG
460-41492-d-9-a
Hg .220 ppb 937
=

*** Sample ID: Seq: 62 21:30:42 20 Jun 12 HG
460-41492-d-10-a
Hg .053 ppb 363
=

*** Sample ID: Seq: 63 21:33:04 20 Jun 12 HG
SD 460-41492-d-8-a@5
Hg .033 ppb 294
=

*** Check Standard: 2 Ck2ACCV Seq: 64 21:35:06 20 Jun 12 HG

Line	Flag	Intensities
Hg		17689

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 65 21:36:54 20 Jun 12 HG

Line	Flag	Intensities
Hg		-82

=

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 117307 Batch Start Date: 06/25/12 08:30 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/25/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
MB 460-117307/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-117307/2		3050B, 6010B		CALC NOT SET TO RUN	1.02 g	50 mL		1 g	
460-41492-D-8	SF-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-41492-D-8 DU	SF-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			
460-41492-D-8 MS	SF-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	2 mL		
460-41492-D-19	F-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-41492-D-2	SF-2	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41492-D-3	SF-3	3050B, 6010B	T	CALC NOT SET TO RUN	1.00 g	50 mL			
460-41492-D-4	SF-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-41492-D-5	SF-5	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41492-D-6	SF-6	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41492-D-7	SF-7	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-41492-D-1	SF-1	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-41492-D-9	SF-9	3050B, 6010B	T	CALC NOT SET TO RUN	1.13 g	50 mL			
460-41492-D-10	SF-10	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-41492-D-11	SF-11	3050B, 6010B	T	CALC NOT SET TO RUN	1.09 g	50 mL			
460-41492-D-12	SF-12	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL			
460-41492-D-13	SF-13	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-41492-D-14	SF-14	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-41492-D-15	FD-C	3050B, 6010B	T	CALC NOT SET TO RUN	1.08 g	50 mL			
460-41492-D-16	F-1	3050B, 6010B	T	CALC NOT SET TO RUN	1.11 g	50 mL			
460-41492-D-17	F-2	3050B, 6010B	T	CALC NOT SET TO RUN	1.08 g	50 mL			

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 117307 Batch Start Date: 06/25/12 08:30 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/25/12 14:00

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.: 460-41492-1

SDG No.:

Batch Number: 117425 Batch Start Date: 06/26/12 06:55 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/26/12 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00031	ME_LCSS_75 00003	
MB 460-117425/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-117425/2		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		1 g	
460-41492-D-21	F-6	3050B, 6010B	T	CALC NOT SET TO RUN	1.07 g	50 mL			
460-41492-D-21 DU	F-6	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL			
460-41492-D-21 MS	F-6	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	2 mL		
460-41492-D-18	F-3	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-41492-D-20	F-5	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL			
460-41492-D-22	F-7	3050B, 6010B	T	CALC NOT SET TO RUN	1.10 g	50 mL			
460-41492-D-23	FD-D	3050B, 6010B	T	CALC NOT SET TO RUN	1.14 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.: 460-41492-1

SDG No.:

Batch Number: 116853 Batch Start Date: 06/20/12 16:05 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 06/20/12 17:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DQCS-INT 00544			
ICV 460-116853/7		7471A, 7471A		0.60 g	100 mL	5 mL			
CCV 460-116853/8		7471A, 7471A		0.60 g	100 mL	5 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

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116861 Batch Start Date: 06/20/12 16:47 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 06/20/12 18:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00827	ME_LCSS_75 00003		
MB 460-116861/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-116861/11		7471A, 7471A		0.60 g	100 mL		0.6 g		
460-41492-D-8	SF-8	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-8 DU	SF-8	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-8 MS	SF-8	7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-41492-D-1	SF-1	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-2	SF-2	7471A, 7471A	T	0.67 g	100 mL				
460-41492-D-3	SF-3	7471A, 7471A	T	0.65 g	100 mL				
460-41492-D-4	SF-4	7471A, 7471A	T	0.65 g	100 mL				
460-41492-D-5	SF-5	7471A, 7471A	T	0.66 g	100 mL				
460-41492-D-6	SF-6	7471A, 7471A	T	0.67 g	100 mL				
460-41492-D-7	SF-7	7471A, 7471A	T	0.67 g	100 mL				
460-41492-D-9	SF-9	7471A, 7471A	T	0.61 g	100 mL				
460-41492-D-10	SF-10	7471A, 7471A	T	0.66 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.: 460-41492-1

SDG No.:

Batch Number: 116861 Batch Start Date: 06/20/12 16:47 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 06/20/12 18:32

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116950 Batch Start Date: 06/21/12 10:08 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/21/12 10:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DQCS-INT 00545			
ICV 460-116950/31		7471A, 7471A		0.60 g	100 mL	5 mL			
CCV 460-116950/32		7471A, 7471A		0.60 g	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01452
Balance ID	33
Sulfuric Acid Lot Number	k20042
Lot # of hydrochloric acid	hgr01454
Lot # of Nitric Acid	k44022
Hood ID or number	1
Potassium Permanganate Lot Number	hgr01451
NaCL Lot #	hgr01452
Oven, Bath or Block Temperature 1	121c
Pipette ID	3
Stannous Chloride Lot Number	hgr01453

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116968 Batch Start Date: 06/21/12 11:20 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/21/12 11:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00829	ME_LCSS_75 00003		
MB 460-116968/1		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-116968/2		7471A, 7471A		0.60 g	100 mL		0.6 g		
460-41492-D-21	F-6	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-21 DU	F-6	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-21 MS	F-6	7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-41492-D-11	SF-11	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-12	SF-12	7471A, 7471A	T	0.71 g	100 mL				
460-41492-D-13	SF-13	7471A, 7471A	T	0.67 g	100 mL				
460-41492-D-14	SF-14	7471A, 7471A	T	0.67 g	100 mL				
460-41492-D-15	FD-C	7471A, 7471A	T	0.68 g	100 mL				
460-41492-D-16	F-1	7471A, 7471A	T	0.60 g	100 mL				
460-41492-D-17	F-2	7471A, 7471A	T	0.70 g	100 mL				
460-41492-D-18	F-3	7471A, 7471A	T	0.64 g	100 mL				
460-41492-D-19	F-4	7471A, 7471A	T	0.68 g	100 mL				
460-41492-D-20	F-5	7471A, 7471A	T	0.62 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01452
Balance ID	33
Sulfuric Acid Lot Number	k20042
Lot # of hydrochloric acid	hgr01454
Lot # of Nitric Acid	k44022
Hood ID or number	1
Potassium Permanganate Lot Number	hgr01451
NaCL Lot #	hgr01452
Oven, Bath or Block Temperature 1	121c
Pipette ID	3
Stannous Chloride Lot Number	hgr01453

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116968 Batch Start Date: 06/21/12 11:20 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/21/12 11:35

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 117140 Batch Start Date: 06/22/12 10:41 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 06/22/12 11:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00830	ME_DQCS-INT 00546	ME_LCSS_75 00003	
MB 460-117140/1		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-117140/2		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-41546-A-5 DU		7471A, 7471A	T	0.60 g	100 mL				
460-41546-A-5 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-41492-D-22	F-7	7471A, 7471A	T	0.68 g	100 mL				
460-41492-D-23	FD-D	7471A, 7471A	T	0.68 g	100 mL				
ICV 460-117140/26		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-117140/27		7471A, 7471A		0.60 g	100 mL		5 mL		

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01463
Balance ID	33
Sulfuric Acid Lot Number	k20042
Lot # of hydrochloric acid	hgr01465
Lot # of Nitric Acid	k44022
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

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-41492-1

SDG No.:

Project: C360112. Mt. Kisco, NY

Client Sample ID	Lab Sample ID
SF-1	460-41492-1
SF-2	460-41492-2
SF-3	460-41492-3
SF-4	460-41492-4
SF-5	460-41492-5
SF-6	460-41492-6
SF-7	460-41492-7
SF-8	460-41492-8
SF-9	460-41492-9
SF-10	460-41492-10
SF-11	460-41492-11
SF-12	460-41492-12
SF-13	460-41492-13
SF-14	460-41492-14
FD-C	460-41492-15
F-1	460-41492-16
F-2	460-41492-17
F-3	460-41492-18
F-4	460-41492-19
F-5	460-41492-20
F-6	460-41492-21
F-7	460-41492-22
FD-D	460-41492-23

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-1 | Lab Sample ID: 460-41492-1

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 09:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 85.9

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-2 | Lab Sample ID: 460-41492-2

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 10:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 90.4

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: SF-3 | Lab Sample ID: 460-41492-3

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 12:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.062	0.58	0.062	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-4 | Lab Sample ID: 460-41492-4

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 13:10

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.061	0.56	0.061	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-5
Lab Sample ID: 460-41492-5
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/18/2012 14:25
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.063	0.59	0.063	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-6 | Lab Sample ID: 460-41492-6

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 19:00

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 80.8

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-7 | Lab Sample ID: 460-41492-7

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 08:50

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.066	0.61	0.066	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-8
Lab Sample ID: 460-41492-8
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/19/2012 09:35
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% Solids: 85.6

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-9
Lab Sample ID: 460-41492-9
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/19/2012 10:45
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% Solids: 78.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.068	0.63	0.068	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SF-10 | Lab Sample ID: 460-41492-10

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 11:58

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 84.3

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-11 | Lab Sample ID: 460-41492-11

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 12:45

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 91.2

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: SF-12 | Lab Sample ID: 460-41492-12

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 13:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% 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-13 | Lab Sample ID: 460-41492-13

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 14:40

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 90.3

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: SF-14 | Lab Sample ID: 460-41492-14

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 15:37

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 88.2

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-C
Lab Sample ID: 460-41492-15
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/18/2012 00:00
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% 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-1 | Lab Sample ID: 460-41492-16

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 11:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 93.3

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-2 | Lab Sample ID: 460-41492-17

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 11:38

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% 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-3 | Lab Sample ID: 460-41492-18

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 11:43

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 92.9

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-4 | Lab Sample ID: 460-41492-19

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2012 14:15

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 76.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.070	0.65	0.070	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-5 | Lab Sample ID: 460-41492-20

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 10:30

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% 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-6 | Lab Sample ID: 460-41492-21

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 14:25

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 87.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.19	0.57	0.062	mg/Kg	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: F-7 | Lab Sample ID: 460-41492-22

Lab Name: TestAmerica Edison | Job No.: 460-41492-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/19/2012 15:30

Reporting Basis: DRY | Date Received: 06/19/2012 17:55

% Solids: 91.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.059	0.54	0.059	mg/Kg	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FD-D
Lab Sample ID: 460-41492-23
Lab Name: TestAmerica Edison
Job No.: 460-41492-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/19/2012 00:00
Reporting Basis: DRY
Date Received: 06/19/2012 17:55
% 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

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Analyst: HV Batch Start Date: 06/29/2012

Reporting Units: mg/L Analytical Batch No.: 118081

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	14:57	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00727
9	CCB	14:58	Cyanide, Total	0.0014				U	
10	CCV	15:00	Cyanide, Total	0.200	0.200	100	90-110		WTcnIM3_00727
18	CCV	15:09	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00727
19	CCB	15:10	Cyanide, Total	0.0014				U	
30	CCV	15:22	Cyanide, Total	0.205	0.200	103	90-110		WTcnIM3_00727
31	CCB	15:23	Cyanide, Total	0.00444				J	
42	CCV	15:36	Cyanide, Total	0.199	0.200	100	90-110		WTcnIM3_00727
43	CCB	15:37	Cyanide, Total	0.0014				U	
54	CCV	15:50	Cyanide, Total	0.201	0.200	101	90-110		WTcnIM3_00727
55	CCB	15:51	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.: 460-41492-1

SDG No.:

Analyst: HV Batch Start Date: 06/30/2012

Reporting Units: mg/L Analytical Batch No.: 118146

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	13:35	Cyanide, Total	0.214	0.200	107	90-110		WTcnIM3_00728
9	CCB	13:36	Cyanide, Total	0.0014				U	
10	CCV	13:37	Cyanide, Total	0.214	0.200	107	90-110		WTcnIM3_00728
18	CCV	13:46	Cyanide, Total	0.202	0.200	101	90-110		WTcnIM3_00728
19	CCB	13:47	Cyanide, Total	0.0014				U	
30	CCV	14:00	Cyanide, Total	0.201	0.200	101	90-110		WTcnIM3_00728
31	CCB	14:01	Cyanide, Total	0.0014				U	
38	CCV	14:09	Cyanide, Total	0.202	0.200	101	90-110		WTcnIM3_00728
39	CCB	14:10	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.: 460-41492-1

SDG No.:

Analyst: HV Batch Start Date: 06/30/2012

Reporting Units: mg/L Analytical Batch No.: 118149

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	14:35	Cyanide, Total	0.210	0.200	105	90-110		WTcnIM3_00728
9	CCB	14:37	Cyanide, Total	0.0014				U	
10	CCV	14:38	Cyanide, Total	0.210	0.200	105	90-110		WTcnIM3_00728
18	CCV	14:47	Cyanide, Total	0.197	0.200	98	90-110		WTcnIM3_00728
19	CCB	14:48	Cyanide, Total	0.0014				U	
30	CCV	15:00	Cyanide, Total	0.198	0.200	99	90-110		WTcnIM3_00728
31	CCB	15:02	Cyanide, Total	0.0014				U	
38	CCV	15:10	Cyanide, Total	0.199	0.200	99	90-110		WTcnIM3_00728
39	CCB	15:11	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.: 460-41492-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 118081	Date: 06/29/2012 15:12	Prep Batch: 118019	Date: 06/29/2012 09:30				
9012A	MB 460-118019/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 118146	Date: 06/30/2012 13:38	Prep Batch: 118127	Date: 06/30/2012 06:30				
9012A	MB 460-118127/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 118146	Date: 06/30/2012 13:50	Prep Batch: 118125	Date: 06/30/2012 06:30				
9012A	MB 460-118125/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 118149	Date: 06/30/2012 14:39	Prep Batch: 118142	Date: 06/30/2012 12:15				
9012A	MB 460-118142/1-A	Cyanide, Total	0.054	U	mg/Kg	0.50	1
Batch ID: 118149	Date: 06/30/2012 14:58	Prep Batch: 118143	Date: 06/30/2012 12:15				
9012A	MB 460-118143/1-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.: 460-41492-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118081	Date: 06/29/2012 15:15		Prep Batch: 118019		Date: 06/29/2012 09:30						
9012A	200-11382-A-2-D	Cyanide, Total	0.71		mg/Kg						
9012A	200-11382-A-2-D MS	Cyanide, Total	12.11		mg/Kg	11.4	100	85-115			
Batch ID: 118146	Date: 06/30/2012 13:42		Prep Batch: 118127		Date: 06/30/2012 06:30						
9012A	460-41492-16	Cyanide, Total	0.058	U	mg/Kg						
9012A	460-41492-16 MS	Cyanide, Total	11.13		mg/Kg	10.7	104	85-115			
Batch ID: 118146	Date: 06/30/2012 13:53		Prep Batch: 118125		Date: 06/30/2012 06:30						
9012A	460-41469-G-1-E	Cyanide, Total	0.057	U	mg/Kg						
9012A	460-41469-G-1-E MS	Cyanide, Total	11.77		mg/Kg	10.6	111	85-115			
Batch ID: 118149	Date: 06/30/2012 14:42		Prep Batch: 118142		Date: 06/30/2012 12:15						
9012A	460-41492-8	Cyanide, Total	0.063	U	mg/Kg						
9012A	460-41492-8 MS	Cyanide, Total	11.94		mg/Kg	11.7	102	85-115			
Batch ID: 118149	Date: 06/30/2012 15:04		Prep Batch: 118143		Date: 06/30/2012 12:15						
9012A	460-41492-21	Cyanide, Total	0.19	J	mg/Kg						
9012A	460-41492-21 MS	Cyanide, Total	11.57		mg/Kg	11.5	99	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.: 460-41492-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118081	Date: 06/29/2012 15:17		Prep Batch: 118019		Date: 06/29/2012 09:30						
9012A	200-11382-A-2-E MSD	Cyanide, Total	11.89		mg/Kg	11.4	98	85-115	2	10	
Batch ID: 118146	Date: 06/30/2012 13:43		Prep Batch: 118127		Date: 06/30/2012 06:30						
9012A	460-41492-16 MSD	Cyanide, Total	11.03		mg/Kg	10.7	103	85-115	1	10	
Batch ID: 118146	Date: 06/30/2012 13:54		Prep Batch: 118125		Date: 06/30/2012 06:30						
9012A	460-41469-G-1-F MSD	Cyanide, Total	11.12		mg/Kg	10.6	105	85-115	6	10	
Batch ID: 118149	Date: 06/30/2012 14:43		Prep Batch: 118142		Date: 06/30/2012 12:15						
9012A	460-41492-8 MSD	Cyanide, Total	12.14		mg/Kg	11.7	104	85-115	2	10	
Batch ID: 118149	Date: 06/30/2012 15:05		Prep Batch: 118143		Date: 06/30/2012 12:15						
9012A	460-41492-21 MSD	Cyanide, Total	11.72		mg/Kg	11.5	100	85-115	1	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.: 460-41492-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118081	Date: 06/29/2012 15:13		Prep Batch: 118019		Date: 06/29/2012 09:30						
					LCS Source: WTcnIM2_00866						
9012A	LLCS 460-118019/2-A	Cyanide, Total	1.35		mg/Kg	1.25	108	90-110			
Batch ID: 118146	Date: 06/30/2012 13:39		Prep Batch: 118127		Date: 06/30/2012 06:30						
					LCS Source: WTcnIM2_00867						
9012A	LLCS 460-118127/2-A	Cyanide, Total	1.34		mg/Kg	1.25	107	90-110			
Batch ID: 118146	Date: 06/30/2012 13:51		Prep Batch: 118125		Date: 06/30/2012 06:30						
					LCS Source: WTcnIM2_00867						
9012A	LLCS 460-118125/2-A	Cyanide, Total	1.35		mg/Kg	1.25	108	90-110			
Batch ID: 118149	Date: 06/30/2012 14:40		Prep Batch: 118142		Date: 06/30/2012 12:15						
					LCS Source: WTcnIM2_00867						
9012A	LLCS 460-118142/2-A	Cyanide, Total	1.25		mg/Kg	1.25	100	90-110			
Batch ID: 118149	Date: 06/30/2012 14:59		Prep Batch: 118143		Date: 06/30/2012 12:15						
					LCS Source: WTcnIM2_00867						
9012A	LLCS 460-118143/2-A	Cyanide, Total	1.27		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.: 460-41492-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 118081	Date: 06/29/2012 15:14		Prep Batch: 118019			Date: 06/29/2012 09:30					
						LCS Source: WTcnIM1_00709					
9012A	HLCS 460-118019/3-A	Cyanide, Total	10.11		mg/Kg	10.0	101	90-110			
Batch ID: 118146	Date: 06/30/2012 13:41		Prep Batch: 118127			Date: 06/30/2012 06:30					
						LCS Source: WTcnIM1_00710					
9012A	HLCS 460-118127/3-A	Cyanide, Total	9.78		mg/Kg	10.0	98	90-110			
Batch ID: 118146	Date: 06/30/2012 13:52		Prep Batch: 118125			Date: 06/30/2012 06:30					
						LCS Source: WTcnIM1_00710					
9012A	HLCS 460-118125/3-A	Cyanide, Total	9.87		mg/Kg	10.0	99	90-110			
Batch ID: 118149	Date: 06/30/2012 14:41		Prep Batch: 118142			Date: 06/30/2012 12:15					
						LCS Source: WTcnIM1_00710					
9012A	HLCS 460-118142/3-A	Cyanide, Total	9.72		mg/Kg	10.0	97	90-110			
Batch ID: 118149	Date: 06/30/2012 15:03		Prep Batch: 118143			Date: 06/30/2012 12:15					
						LCS Source: WTcnIM1_00710					
9012A	HLCS 460-118143/3-A	Cyanide, Total	9.70		mg/Kg	10.0	97	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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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: 460-41492-1

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.: 460-41492-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118019/1-A	06/29/2012 09:30	118019	1.0		50.0
LLCS 460-118019/2-A	06/29/2012 09:30	118019	1.0		50.0
HLCS 460-118019/3-A	06/29/2012 09:30	118019	1.0		50.0
200-11382-A-2-D MS	06/29/2012 09:30	118019	1.0		50.0
200-11382-A-2-E MSD	06/29/2012 09:30	118019	1.0		50.0
460-41492-1	06/29/2012 09:30	118019	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118125/1-A	06/30/2012 06:30	118125	1.0		50.0
LLCS 460-118125/2-A	06/30/2012 06:30	118125	1.0		50.0
HLCS 460-118125/3-A	06/30/2012 06:30	118125	1.0		50.0
460-41469-G-1-E MS	06/30/2012 06:30	118125	1.0		50.0
460-41469-G-1-F MSD	06/30/2012 06:30	118125	1.0		50.0
460-41492-2	06/30/2012 06:30	118125	1.0		50.0
460-41492-3	06/30/2012 06:30	118125	1.0		50.0
460-41492-4	06/30/2012 06:30	118125	1.0		50.0
460-41492-5	06/30/2012 06:30	118125	1.0		50.0
460-41492-6	06/30/2012 06:30	118125	1.0		50.0
460-41492-15	06/30/2012 06:30	118125	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118127/1-A	06/30/2012 06:30	118127	1.0		50.0
LLCS 460-118127/2-A	06/30/2012 06:30	118127	1.0		50.0
HLCS 460-118127/3-A	06/30/2012 06:30	118127	1.0		50.0
460-41492-16 MS	06/30/2012 06:30	118127	1.0		50.0
460-41492-16 MSD	06/30/2012 06:30	118127	1.0		50.0
460-41492-16	06/30/2012 06:30	118127	1.0		50.0
460-41492-17	06/30/2012 06:30	118127	1.0		50.0
460-41492-18	06/30/2012 06:30	118127	1.0		50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118142/1-A	06/30/2012 12:15	118142	1		50
LLCS 460-118142/2-A	06/30/2012 12:15	118142	1		50
HLCS 460-118142/3-A	06/30/2012 12:15	118142	1		50
460-41492-8	06/30/2012 12:15	118142	1		50
460-41492-8 MS	06/30/2012 12:15	118142	1		50
460-41492-8 MSD	06/30/2012 12:15	118142	1		50
460-41492-7	06/30/2012 12:15	118142	1		50
460-41492-9	06/30/2012 12:15	118142	1		50
460-41492-10	06/30/2012 12:15	118142	1		50
460-41492-11	06/30/2012 12:15	118142	1		50
460-41492-12	06/30/2012 12:15	118142	1		50
460-41492-13	06/30/2012 12:15	118142	1		50
460-41492-14	06/30/2012 12:15	118142	1		50
460-41492-19	06/30/2012 12:15	118142	1		50
460-41492-20	06/30/2012 12:15	118142	1		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-118143/1-A	06/30/2012 12:15	118143	1		50
LLCS 460-118143/2-A	06/30/2012 12:15	118143	1		50
HLCS 460-118143/3-A	06/30/2012 12:15	118143	1		50
460-41492-21	06/30/2012 12:15	118143	1		50
460-41492-21 MS	06/30/2012 12:15	118143	1		50
460-41492-21 MSD	06/30/2012 12:15	118143	1		50
460-41492-22	06/30/2012 12:15	118143	1		50
460-41492-23	06/30/2012 12:15	118143	1		50

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 06/29/2012 14:48 End Date: 06/29/2012 16:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			14:48																				
ZZZZZZ			14:49																				
ZZZZZZ			14:50																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:54																				
ZZZZZZ			14:55																				
ICV 460-118081/8	1		14:57	X																			
CCB 460-118081/9	1		14:58	X																			
CCV 460-118081/10	1		15:00	X																			
ZZZZZZ			15:01																				
ZZZZZZ			15:02																				
ZZZZZZ			15:03																				
ZZZZZZ			15:04																				
ZZZZZZ			15:05																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
CCV 460-118081/18	1		15:09	X																			
CCB 460-118081/19	1		15:10	X																			
ZZZZZZ			15:11																				
MB 460-118019/1-A	1	T	15:12	X																			
LLCS 460-118019/2-A	1	T	15:13	X																			
HLCS 460-118019/3-A	1	T	15:14	X																			
200-11382-A-2-D MS	1	T	15:15	X																			
200-11382-A-2-E MSD	1	T	15:17	X																			
ZZZZZZ			15:18																				
ZZZZZZ			15:19																				
ZZZZZZ			15:20																				
ZZZZZZ			15:21																				
CCV 460-118081/30	1		15:22	X																			
CCB 460-118081/31	1		15:23	X																			
ZZZZZZ			15:25																				
ZZZZZZ			15:26																				
ZZZZZZ			15:27																				
ZZZZZZ			15:28																				
ZZZZZZ			15:29																				
ZZZZZZ			15:30																				
ZZZZZZ			15:31																				
ZZZZZZ			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:35																				
CCV 460-118081/42	1		15:36	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 06/29/2012 14:48 End Date: 06/29/2012 16:17

Lab Sample ID	D / F	Type	Time	Analytes																				
				CN																				
CCB 460-118081/43	1		15:37	X																				
ZZZZZZ			15:38																					
460-41492-1	1	T	15:39	X																				
ZZZZZZ			15:40																					
ZZZZZZ			15:42																					
ZZZZZZ			15:43																					
ZZZZZZ			15:44																					
ZZZZZZ			15:45																					
ZZZZZZ			15:46																					
ZZZZZZ			15:47																					
ZZZZZZ			15:48																					
CCV 460-118081/54	1		15:50	X																				
CCB 460-118081/55	1		15:51	X																				
ZZZZZZ			15:52																					
ZZZZZZ			15:54																					
ZZZZZZ			15:55																					
ZZZZZZ			15:56																					
ZZZZZZ			15:57																					
ZZZZZZ			15:58																					
ZZZZZZ			15:59																					
ZZZZZZ			16:00																					
ZZZZZZ			16:01																					
ZZZZZZ			16:03																					
CCV 460-118081/66			16:04																					
CCB 460-118081/67			16:05																					
ZZZZZZ			16:06																					
ZZZZZZ			16:07																					
ZZZZZZ			16:08																					
ZZZZZZ			16:09																					
ZZZZZZ			16:11																					
ZZZZZZ			16:12																					
ZZZZZZ			16:13																					
ZZZZZZ			16:14																					
ZZZZZZ			16:15																					
CCV 460-118081/77			16:16																					
CCB 460-118081/78			16:17																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 06/30/2012 13:26 End Date: 06/30/2012 14:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			13:26																				
ZZZZZZ			13:27																				
ZZZZZZ			13:28																				
ZZZZZZ			13:29																				
ZZZZZZ			13:30																				
ZZZZZZ			13:31																				
ZZZZZZ			13:32																				
ICV 460-118146/8	1		13:35	X																			
CCB 460-118146/9	1		13:36	X																			
CCV 460-118146/10	1		13:37	X																			
MB 460-118127/1-A	1	T	13:38	X																			
LLCS 460-118127/2-A	1	T	13:39	X																			
HLCS 460-118127/3-A	1	T	13:41	X																			
460-41492-16 MS	1	T	13:42	X																			
460-41492-16 MSD	1	T	13:43	X																			
460-41492-16	1	T	13:44	X																			
460-41492-17	1	T	13:45	X																			
CCV 460-118146/18	1		13:46	X																			
CCB 460-118146/19	1		13:47	X																			
460-41492-18	1	T	13:48	X																			
MB 460-118125/1-A	1	T	13:50	X																			
LLCS 460-118125/2-A	1	T	13:51	X																			
HLCS 460-118125/3-A	1	T	13:52	X																			
460-41469-G-1-E MS	1	T	13:53	X																			
460-41469-G-1-F MSD	1	T	13:54	X																			
ZZZZZZ			13:55																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			13:59																				
CCV 460-118146/30	1		14:00	X																			
CCB 460-118146/31	1		14:01	X																			
460-41492-2	1	T	14:02	X																			
460-41492-3	1	T	14:03	X																			
460-41492-4	1	T	14:04	X																			
460-41492-5	1	T	14:06	X																			
460-41492-6	1	T	14:07	X																			
460-41492-15	1	T	14:08	X																			
CCV 460-118146/38	1		14:09	X																			
CCB 460-118146/39	1		14:10	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 06/30/2012 14:26 End Date: 06/30/2012 15:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			14:26																				
ZZZZZZ			14:27																				
ZZZZZZ			14:28																				
ZZZZZZ			14:30																				
ZZZZZZ			14:31																				
ZZZZZZ			14:32																				
ZZZZZZ			14:33																				
ICV 460-118149/8	1		14:35	X																			
CCB 460-118149/9	1		14:37	X																			
CCV 460-118149/10	1		14:38	X																			
MB 460-118142/1-A	1	T	14:39	X																			
LLCS 460-118142/2-A	1	T	14:40	X																			
HLCS 460-118142/3-A	1	T	14:41	X																			
460-41492-8 MS	1	T	14:42	X																			
460-41492-8 MSD	1	T	14:43	X																			
460-41492-8	1	T	14:44	X																			
460-41492-7	1	T	14:46	X																			
CCV 460-118149/18	1		14:47	X																			
CCB 460-118149/19	1		14:48	X																			
460-41492-9	1	T	14:49	X																			
460-41492-10	1	T	14:50	X																			
460-41492-11	1	T	14:51	X																			
460-41492-12	1	T	14:52	X																			
460-41492-13	1	T	14:54	X																			
460-41492-14	1	T	14:55	X																			
460-41492-19	1	T	14:56	X																			
460-41492-20	1	T	14:57	X																			
MB 460-118143/1-A	1	T	14:58	X																			
LLCS 460-118143/2-A	1	T	14:59	X																			
CCV 460-118149/30	1		15:00	X																			
CCB 460-118149/31	1		15:02	X																			
HLCS 460-118143/3-A	1	T	15:03	X																			
460-41492-21 MS	1	T	15:04	X																			
460-41492-21 MSD	1	T	15:05	X																			
460-41492-21	1	T	15:06	X																			
460-41492-22	1	T	15:07	X																			
460-41492-23	1	T	15:08	X																			
CCV 460-118149/38	1		15:10	X																			
CCB 460-118149/39	1		15:11	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/21/2012 13:29 End Date: 06/21/2012 13:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-41492-23	1	T	13:29	X	X																		
460-41492-15	1	T	13:29	X	X																		
460-41492-1	1	T	13:29	X	X																		
460-41492-5	1	T	13:29	X	X																		
460-41492-14	1	T	13:29	X	X																		
460-41492-4	1	T	13:29	X	X																		
460-41492-21	1	T	13:29	X	X																		
460-41492-21 DU	1	T	13:29	X	X																		
460-41492-21 MS	1	T	13:29	X	X																		
460-41492-21 MSD	1	T	13:29	X	X																		
460-41492-8	1	T	13:29	X	X																		
460-41492-8DU	1	T	13:29	X	X																		
460-41492-8MS	1	T	13:29	X	X																		
460-41492-8MSD	1	T	13:29	X	X																		
460-41492-13	1	T	13:29	X	X																		
460-41492-19	1	T	13:29	X	X																		
460-41492-17	1	T	13:29	X	X																		
460-41492-12	1	T	13:29	X	X																		
460-41492-3	1	T	13:29	X	X																		
460-41492-9	1	T	13:29	X	X																		
460-41492-22	1	T	13:29	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/21/2012 14:37 End Date: 06/21/2012 14:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-41492-2	1	T	14:37	X	X																		
460-41492-6	1	T	14:37	X	X																		
460-41492-7	1	T	14:37	X	X																		
460-41492-10	1	T	14:37	X	X																		
460-41492-11	1	T	14:37	X	X																		
460-41492-16	1	T	14:37	X	X																		
460-41492-20	1	T	14:37	X	X																		
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
ZZZZZZ			14:37																				
460-41495-A-9 DU	1	T	14:37	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/27/2012 14:29 End Date: 06/27/2012 14:29

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
460-41492-18	1	T	14:29	X	X																			
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
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ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
ZZZZZZ			14:29																					
460-41642-A-2 DU	1	T	14:29	X	X																			

Prep Types

T = Total/NA

Dilution Form
Wet Chemistry

Method No.: 335.4 Analyst: LW

Prep Batch: _____ Analysis Date: 05/29/12

Analytical Batch: 118081

Job/Sample Number	Dilution Factor	Sample Volume (ml)	Final Volume (ml)	Diluent
11382-3 g	50	1	50	0.25 N NaOH
" "	100	0.5	50	
11382-8 g	50	1	50	
" "	100	0.5	50	

OPERATOR: huan
ACQ. TIME: Jun 29, 2012 14:48:36
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120629A.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jun 29, 2012 15:54:02
cyanide
DATA DESCRIPTION:
Created: Jun 29, 2012 14:48:36
Modified: Jun 29, 2012 14:48:36

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jun 27, 2012 12:32:24
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 ***

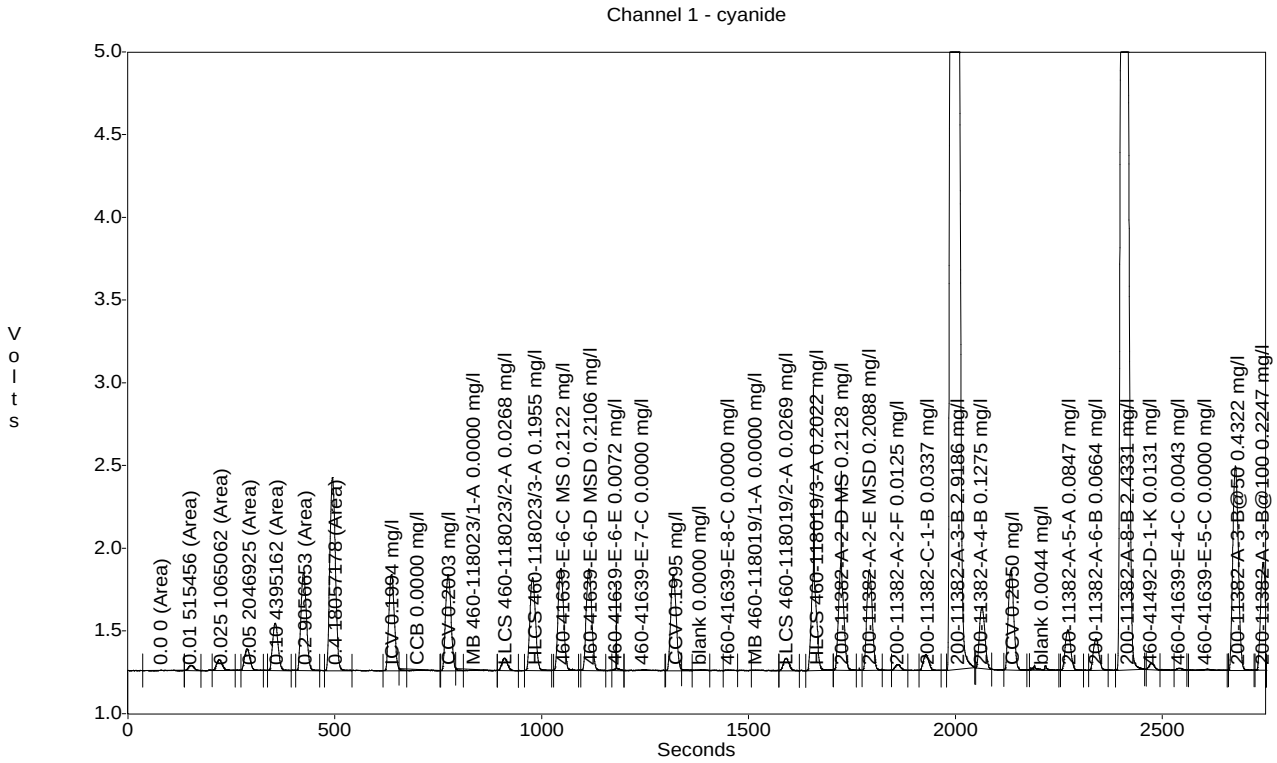
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

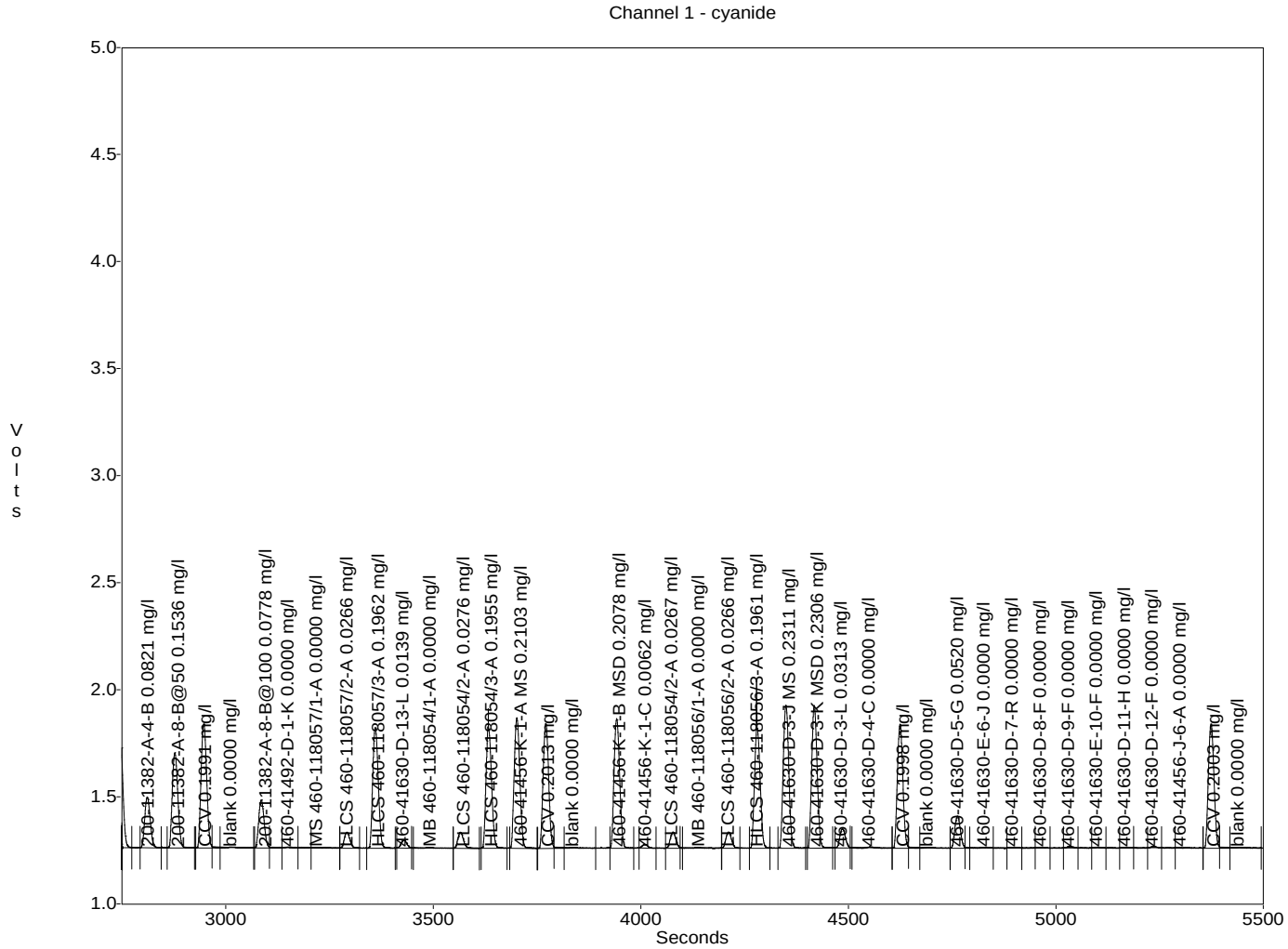
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	29 Jun 2012	14:48:37	1	0.00	1.0	1.00	1.00000	g
2	0.01	29 Jun 2012	14:49:44	1	515456.00	1.0	1.00	1.00000	g
3	0.025	29 Jun 2012	14:50:52	1	1065062.00	1.0	1.00	1.00000	g
4	0.05	29 Jun 2012	14:51:59	1	2046925.00	1.0	1.00	1.00000	g
5	0.10	29 Jun 2012	14:53:07	1	4395162.00	1.0	1.00	1.00000	g
6	0.2	29 Jun 2012	14:54:16	1	9056653.00	1.0	1.00	1.00000	g
7	0.4	29 Jun 2012	14:55:26	1	18057178.00	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	29 Jun 2012	14:57:48	1	0.1994	1.0	1.00	1.00000	g
2	CCB	29 Jun 2012	14:58:57	1	0.0000	1.0	1.00	1.00000	g
3	CCV	29 Jun 2012	15:00:05	1	0.2003	1.0	1.00	1.00000	g
4	MB 460-118023/1-A	29 Jun 2012	15:01:14	1	0.0000	1.0	1.00	1.00000	g
5	LLCS 460-118023/2-A	29 Jun 2012	15:02:21	1	0.0268	1.0	1.00	1.00000	g
6	HLCS 460-118023/3-A	29 Jun 2012	15:03:30	1	0.1955	1.0	1.00	1.00000	g
7	460-41639-E-6-C MS	29 Jun 2012	15:04:37	1	0.2122	1.0	1.00	1.00000	g
8	460-41639-E-6-D MSD	29 Jun 2012	15:05:45	1	0.2106	1.0	1.00	1.00000	g
9	460-41639-E-6-E	29 Jun 2012	15:06:53	1	0.0072	1.0	1.00	1.00000	g
10	460-41639-E-7-C	29 Jun 2012	15:08:00	1	0.0000	1.0	1.00	1.00000	g
11	460-41639-E-8-C	29 Jun 2012	15:11:27	1	0.0000	1.0	1.00	1.00000	g
12	MB 460-118019/1-A	29 Jun 2012	15:12:34	1	0.0000	1.0	1.00	1.00000	g
13	LLCS 460-118019/2-A	29 Jun 2012	15:13:42	1	0.0269	1.0	1.00	1.00000	g
14	HLCS 460-118019/3-A	29 Jun 2012	15:14:49	1	0.2022	1.0	1.00	1.00000	g
15	200-11382-A-2-D MS	29 Jun 2012	15:15:55	1	0.2128	1.0	1.00	1.00000	g
16	200-11382-A-2-E MSD	29 Jun 2012	15:17:03	1	0.2088	1.0	1.00	1.00000	g
17	200-11382-A-2-F	29 Jun 2012	15:18:12	1	0.0125	1.0	1.00	1.00000	g
18	200-11382-C-1-B	29 Jun 2012	15:19:20	1	0.0337	1.0	1.00	1.00000	g
19	200-11382-A-3-B	29 Jun 2012	15:20:28	1	2.9186	1.0	1.00	1.00000	g
20	200-11382-A-4-B	29 Jun 2012	15:21:36	1	0.1275	1.0	1.00	1.00000	g
21	200-11382-A-5-A	29 Jun 2012	15:25:03	1	0.0847	1.0	1.00	1.00000	g
22	200-11382-A-6-B	29 Jun 2012	15:26:11	1	0.0664	1.0	1.00	1.00000	g
23	200-11382-A-8-B	29 Jun 2012	15:27:19	1	2.4331	1.0	1.00	1.00000	g
24	460-41492-D-1-K	29 Jun 2012	15:28:26	1	0.0131	1.0	1.00	1.00000	g
25	460-41639-E-4-C	29 Jun 2012	15:29:34	1	0.0043	1.0	1.00	1.00000	g
26	460-41639-E-5-C	29 Jun 2012	15:30:41	1	0.0000	1.0	1.00	1.00000	g
27	200-11382-A-3-B@50	29 Jun 2012	15:31:48	1	0.4322	1.0	1.00	1.00000	g
28	200-11382-A-3-B@100	29 Jun 2012	15:32:55	1	0.2247	1.0	1.00	1.00000	g
29	200-11382-A-4-B	29 Jun 2012	15:34:02	1	0.0821	1.0	1.00	1.00000	g
30	200-11382-A-8-B@50	29 Jun 2012	15:35:09	1	0.1536	1.0	1.00	1.00000	g
31	200-11382-A-8-B@100	29 Jun 2012	15:38:37	1	0.0778	1.0	1.00	1.00000	g
32	460-41492-D-1-K	29 Jun 2012	15:39:46	1	0.0000	1.0	1.00	1.00000	g
33	MS 460-118057/1-A	29 Jun 2012	15:40:55	1	0.0000	1.0	1.00	1.00000	g
34	LLCS 460-118057/2-A	29 Jun 2012	15:42:03	1	0.0266	1.0	1.00	1.00000	g
35	HLCS 460-118057/3-A	29 Jun 2012	15:43:12	1	0.1962	1.0	1.00	1.00000	g
36	460-41630-D-13-L	29 Jun 2012	15:44:20	1	0.0139	1.0	1.00	1.00000	g
37	MB 460-118054/1-A	29 Jun 2012	15:45:28	1	0.0000	1.0	1.00	1.00000	g
38	LLCS 460-118054/2-A	29 Jun 2012	15:46:37	1	0.0276	1.0	1.00	1.00000	g
39	HLCS 460-118054/3-A	29 Jun 2012	15:47:45	1	0.1955	1.0	1.00	1.00000	g
40	460-41456-K-1-A MS	29 Jun 2012	15:48:53	1	0.2103	1.0	1.00	1.00000	g
41	460-41456-K-1-B MSD	29 Jun 2012	15:52:53	1	0.2078	1.0	1.00	1.00000	g
42	460-41456-K-1-C	29 Jun 2012	15:54:01	1	0.0062	1.0	1.00	1.00000	g
43	LLCS 460-118054/2-A	29 Jun 2012	15:55:09	1	0.0267	1.0	1.00	1.00000	g
44	MB 460-118056/1-A	29 Jun 2012	15:56:16	1	0.0000	1.0	1.00	1.00000	g
45	LLCS 460-118056/2-A	29 Jun 2012	15:57:23	1	0.0266	1.0	1.00	1.00000	g
46	HLCS 460-118056/3-A	29 Jun 2012	15:58:32	1	0.1961	1.0	1.00	1.00000	g
47	460-41630-D-3-J MS	29 Jun 2012	15:59:41	1	0.2311	1.0	1.00	1.00000	g
48	460-41630-D-3-K MSD	29 Jun 2012	16:00:49	1	0.2306	1.0	1.00	1.00000	g
49	460-41630-D-3-L	29 Jun 2012	16:01:57	1	0.0313	1.0	1.00	1.00000	g
50	460-41630-D-4-C	29 Jun 2012	16:03:06	1	0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
Seconds
0.0 0 (Area)
0.01 515456 (Area)
0.025 1065062 (Area)
0.05 2046925 (Area)
0.10 4395162 (Area)
0.2 9056653 (Area)
0.4 18057178 (Area)
ICV 0.1994 mg/l
CCB 0.0000 mg/l
CCV 0.2003 mg/l
MB 460-118023/1-A 0.0000 mg/l
LCS 460-118023/2-A 0.0268 mg/l
HLCS 460-118023/3-A 0.1955 mg/l
460-41639-E-6-C MS 0.2122 mg/l
460-41639-E-6-D MSD 0.2106 mg/l
460-41639-E-6-E 0.0072 mg/l
460-41639-E-7-C 0.0000 mg/l
CCV 0.1995 mg/l
blank 0.0000 mg/l
460-41639-E-8-C 0.0000 mg/l
MB 460-118019/1-A 0.0000 mg/l
LCS 460-118019/2-A 0.0269 mg/l
HLCS 460-118019/3-A 0.2022 mg/l
200-11382-A-2-D MS 0.2128 mg/l
200-11382-A-2-E MSD 0.2088 mg/l
200-11382-A-2-F 0.0125 mg/l
200-11382-C-1-B 0.0337 mg/l
200-11382-A-3-B 2.9186 mg/l
200-11382-A-4-B 0.1275 mg/l
CCV 0.2050 mg/l
blank 0.0044 mg/l
200-11382-A-5-A 0.0847 mg/l
200-11382-A-6-B 0.0664 mg/l
200-11382-A-8-B 2.4331 mg/l
460-41492-D-1-K 0.0131 mg/l
460-41639-E-4-C 0.0043 mg/l
460-41639-E-5-C 0.0000 mg/l
200-11382-A-3-B@50 0.4322 mg/l
200-11382-A-3-B@100 0.2247 mg/l


Channel 1 - cyanide
Volts
Seconds
200-11382-A-4-B 0.0821 mg/l
200-11382-A-8-B@50 0.1536 mg/l
CCV 0.1991 mg/l
blank 0.0000 mg/l
200-11382-A-8-B@100 0.0778 mg/l
460-41492-D-1-K 0.0000 mg/l
MS 460-118057/1-A 0.0000 mg/l
LCS 460-118057/2-A 0.0266 mg/l
HLCS 460-118057/3-A 0.1962 mg/l
460-41630-D-13-L 0.0139 mg/l
MB 460-118054/1-A 0.0000 mg/l
LCS 460-118054/2-A 0.0276 mg/l
HLCS 460-118054/3-A 0.1955 mg/l
460-41456-K-1-A MS 0.2103 mg/l
CCV 0.2013 mg/l
blank 0.0000 mg/l
460-41456-K-1-B MSD 0.2078 mg/l
460-41456-K-1-C 0.0062 mg/l
LCS 460-118054/2-A 0.0267 mg/l
MB 460-118056/1-A 0.0000 mg/l
LCS 460-118056/2-A 0.0266 mg/l
HLCS 460-118056/3-A 0.1961 mg/l
460-41630-D-3-J MS 0.2311 mg/l
460-41630-D-3-K MSD 0.2306 mg/l
460-41630-D-3-L 0.0313 mg/l
460-41630-D-4-C 0.0000 mg/l
CCV 0.1998 mg/l
blank 0.0000 mg/l
460-41630-D-5-G 0.0520 mg/l
460-41630-E-6-J 0.0000 mg/l
460-41630-D-7-R 0.0000 mg/l
460-41630-D-8-F 0.0000 mg/l
460-41630-D-9-F 0.0000 mg/l
460-41630-E-10-F 0.0000 mg/l
460-41630-D-11-H 0.0000 mg/l
460-41630-D-12-F 0.0000 mg/l
460-41456-J-6-A 0.0000 mg/l
CCV 0.2003 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	460-41630-D-5-G	29 Jun 2012	16:06:34	1	0.0520	1.0	1.00	1.00000	g
52	460-41630-E-6-J	29 Jun 2012	16:07:43	1	0.0000	1.0	1.00	1.00000	g
53	460-41630-D-7-R	29 Jun 2012	16:08:51	1	0.0000	1.0	1.00	1.00000	g
54	460-41630-D-8-F	29 Jun 2012	16:09:59	1	0.0000	1.0	1.00	1.00000	g
55	460-41630-D-9-F	29 Jun 2012	16:11:07	1	0.0000	1.0	1.00	1.00000	g
56	460-41630-E-10-F	29 Jun 2012	16:12:14	1	0.0000	1.0	1.00	1.00000	g
57	460-41630-D-11-H	29 Jun 2012	16:13:21	1	0.0000	1.0	1.00	1.00000	g
58	460-41630-D-12-F	29 Jun 2012	16:14:28	1	0.0000	1.0	1.00	1.00000	g
59	460-41456-J-6-A	29 Jun 2012	16:15:36	1	0.0000	1.0	1.00	1.00000	g

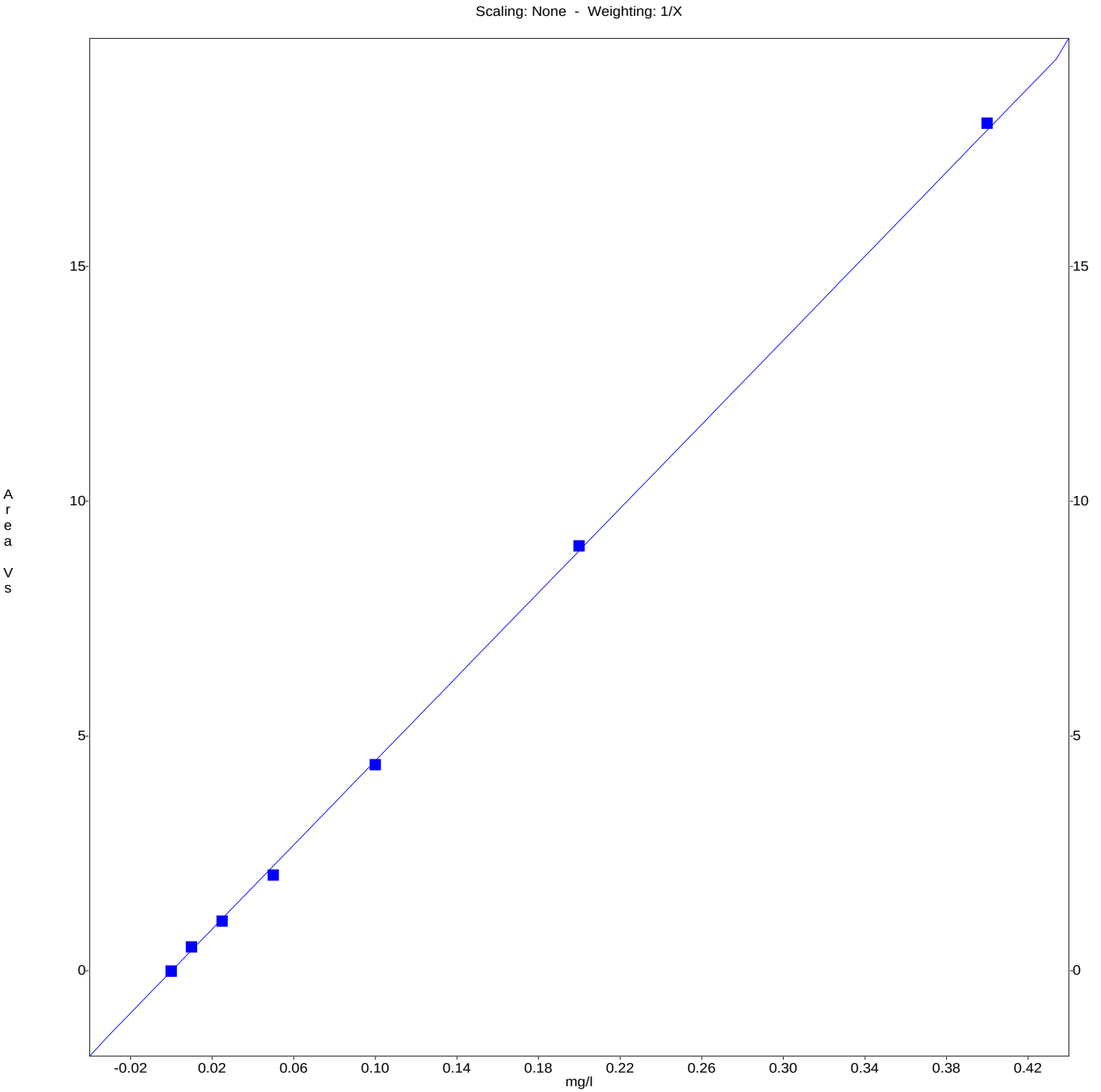
Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	29 Jun 2012	15:09:10	1	0.1995	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.2694				
15	CCV	RelChkStd	29 Jun 2012	15:22:45	1	0.2050	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	2.5232				
15	CCV	RelChkStd	29 Jun 2012	15:36:18	1	0.1991	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.4389				
15	CCV	RelChkStd	29 Jun 2012	15:50:02	1	0.2013	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.6747				
15	CCV	RelChkStd	29 Jun 2012	16:04:16	1	0.1998	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.0900				
15	CCV	RelChkStd	29 Jun 2012	16:16:45	1	0.2003	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	0.1664				
16	blank	Blank	29 Jun 2012	15:10:20	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	29 Jun 2012	15:23:55	1	0.0044	1.0	1.00	1.00000	g
16	blank	Blank	29 Jun 2012	15:37:28	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	29 Jun 2012	15:51:12	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	29 Jun 2012	16:05:26	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	29 Jun 2012	16:17:55	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	515456	0.010	515456					0.0	0.0	-15.2
3	1065062	0.025	1065062					0.0	0.0	4.8
4	2046925	0.050	2046925					0.0	0.0	8.5
5	4395162	0.100	4395162					0.0	0.0	1.8
6	9056653	0.200	9056653					0.0	0.0	-1.2
7	18057178	0.400	18057178					0.0	0.0	-0.9

1st Order Poly
Conc = 2.234e-008 Area + 2.385e-010
r = 0.9998



OPERATOR: huan
ACQ. TIME: Jun 30, 2012 13:26:07
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120630.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jun 30, 2012 14:01:57
cyanide
DATA DESCRIPTION:
Created: Jun 30, 2012 13:26:07
Modified: Jun 30, 2012 13:26:07

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jun 27, 2012 12:32:24
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 ***

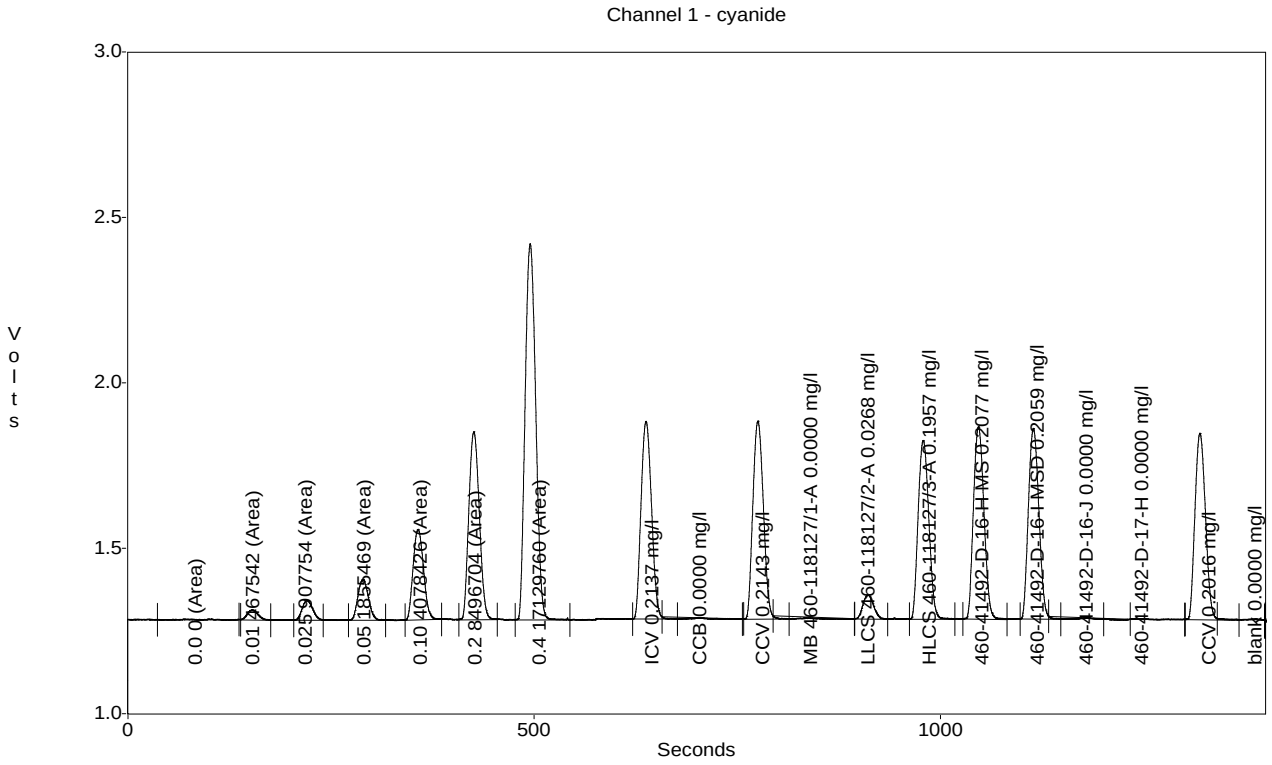
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

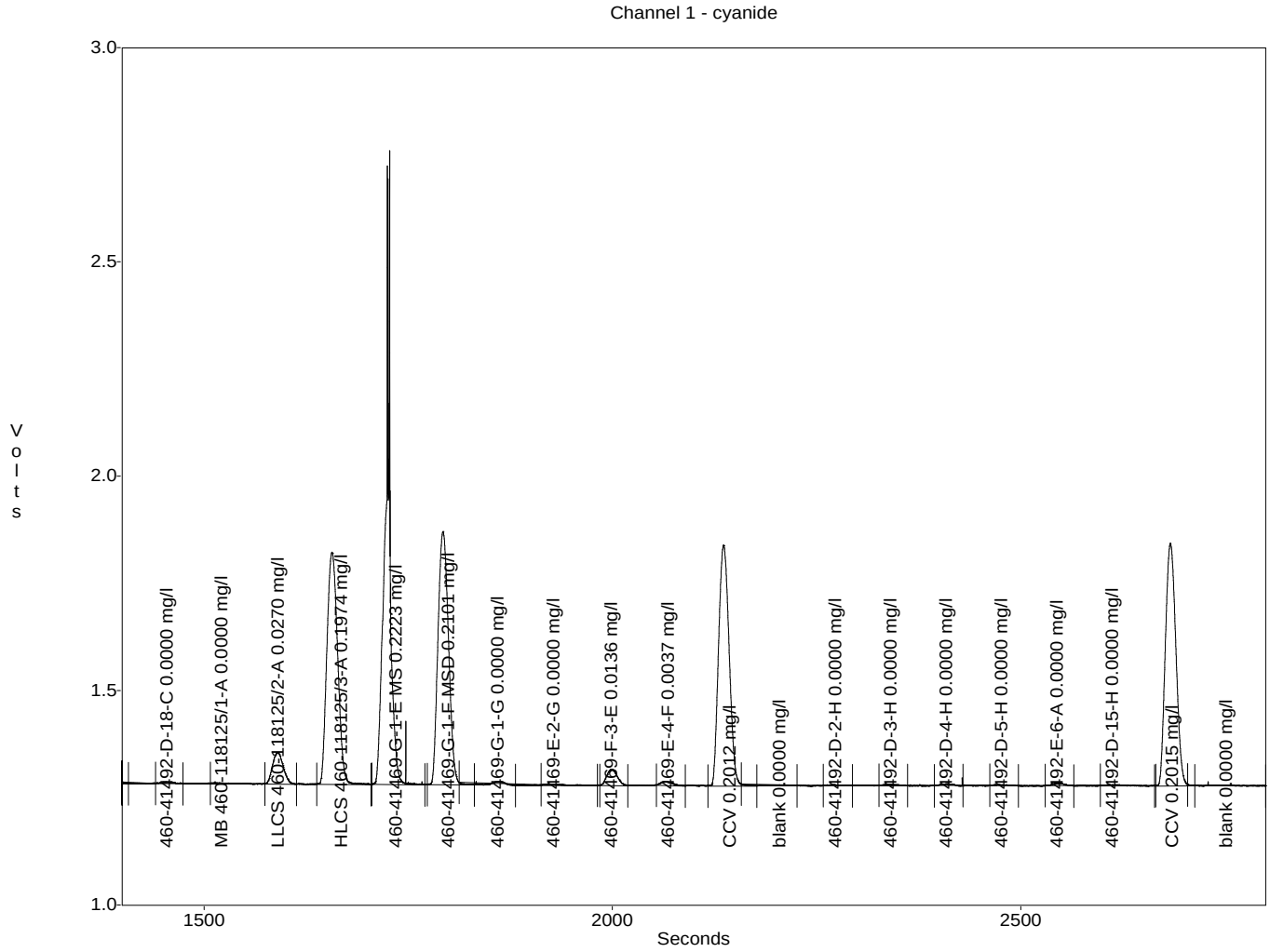
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	30 Jun 2012	13:26:08	1	0.00	1.0	1.00	1.00000	g
2	0.01	30 Jun 2012	13:27:16	1	467542.00	1.0	1.00	1.00000	g
3	0.025	30 Jun 2012	13:28:23	1	907754.00	1.0	1.00	1.00000	g
4	0.05	30 Jun 2012	13:29:32	1	1855469.00	1.0	1.00	1.00000	g
5	0.10	30 Jun 2012	13:30:40	1	4078426.00	1.0	1.00	1.00000	g
6	0.2	30 Jun 2012	13:31:48	1	8496704.00	1.0	1.00	1.00000	g
7	0.4	30 Jun 2012	13:32:58	1	17129760.00	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	30 Jun 2012	13:35:20	1	0.2137	1.0	1.00	1.00000	g
2	CCB	30 Jun 2012	13:36:29	1	0.0000	1.0	1.00	1.00000	g
3	CCV	30 Jun 2012	13:37:38	1	0.2143	1.0	1.00	1.00000	g
4	MB 460-118127/1-A	30 Jun 2012	13:38:46	1	0.0000	1.0	1.00	1.00000	g
5	LLCS 460-118127/2-A	30 Jun 2012	13:39:53	1	0.0268	1.0	1.00	1.00000	g
6	HLCS 460-118127/3-A	30 Jun 2012	13:41:01	1	0.1957	1.0	1.00	1.00000	g
7	460-41492-D-16-H MS	30 Jun 2012	13:42:09	1	0.2077	1.0	1.00	1.00000	g
8	460-41492-D-16-I MSD	30 Jun 2012	13:43:17	1	0.2059	1.0	1.00	1.00000	g
9	460-41492-D-16-J	30 Jun 2012	13:44:25	1	0.0000	1.0	1.00	1.00000	g
10	460-41492-D-17-H	30 Jun 2012	13:45:33	1	0.0000	1.0	1.00	1.00000	g
11	460-41492-D-18-C	30 Jun 2012	13:48:59	1	0.0000	1.0	1.00	1.00000	g
12	MB 460-118125/1-A	30 Jun 2012	13:50:06	1	0.0000	1.0	1.00	1.00000	g
13	LLCS 460-118125/2-A	30 Jun 2012	13:51:13	1	0.0270	1.0	1.00	1.00000	g
14	HLCS 460-118125/3-A	30 Jun 2012	13:52:20	1	0.1974	1.0	1.00	1.00000	g
15	460-41469-G-1-E MS	30 Jun 2012	13:53:26	1	0.2223	1.0	1.00	1.00000	g
16	460-41469-G-1-F MSD	30 Jun 2012	13:54:35	1	0.2101	1.0	1.00	1.00000	g
17	460-41469-G-1-G	30 Jun 2012	13:55:44	1	0.0000	1.0	1.00	1.00000	g
18	460-41469-E-2-G	30 Jun 2012	13:56:53	1	0.0000	1.0	1.00	1.00000	g
19	460-41469-F-3-E	30 Jun 2012	13:58:02	1	0.0136	1.0	1.00	1.00000	g
20	460-41469-E-4-F	30 Jun 2012	13:59:10	1	0.0037	1.0	1.00	1.00000	g
21	460-41492-D-2-H	30 Jun 2012	14:02:38	1	0.0000	1.0	1.00	1.00000	g
22	460-41492-D-3-H	30 Jun 2012	14:03:46	1	0.0000	1.0	1.00	1.00000	g
23	460-41492-D-4-H	30 Jun 2012	14:04:53	1	0.0000	1.0	1.00	1.00000	g
24	460-41492-D-5-H	30 Jun 2012	14:06:01	1	0.0000	1.0	1.00	1.00000	g
25	460-41492-E-6-A	30 Jun 2012	14:07:09	1	0.0000	1.0	1.00	1.00000	g
26	460-41492-D-15-H	30 Jun 2012	14:08:17	1	0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
3.0
2.5
2.0
1.5
1.0
0
500
1000
Seconds
0.0 0 (Area)
0.01 267542 (Area)
0.025 907754 (Area)
0.05 1855469 (Area)
0.10 4078426 (Area)
0.2 8496704 (Area)
0.4 17129760 (Area)
ICV 0.2137 mg/l
CCB 0.0000 mg/l
CCV 0.2143 mg/l
MB 460-118127/1-A 0.0000 mg/l
LLCS 460-118127/2-A 0.0268 mg/l
HLCS 460-118127/3-A 0.1957 mg/l
460-41492-D-16-H MS 0.2077 mg/l
460-41492-D-16-I MSD 0.2059 mg/l
460-41492-D-16-J 0.0000 mg/l
460-41492-D-17-H 0.0000 mg/l
CCV 0.2016 mg/l
blank 0.0000 mg/l


Channel 1 - cyanide
Volts
3.0
2.5
2.0
1.5
1.0
1500
2000
2500
Seconds
460-41492-D-18-C 0.0000 mg/l
MB 460-118125/1-A 0.0000 mg/l
LLCS 460-118125/2-A 0.0270 mg/l
HLCS 460-118125/3-A 0.1974 mg/l
460-41469-G-1-E MS 0.2223 mg/l
460-41469-G-1-F MSD 0.2101 mg/l
460-41469-G-1-G 0.0000 mg/l
460-41469-E-2-G 0.0000 mg/l
460-41469-F-3-E 0.0136 mg/l
460-41469-E-4-F 0.0037 mg/l
CCV 0.2012 mg/l
blank 0.0000 mg/l
460-41492-D-2-H 0.0000 mg/l
460-41492-D-3-H 0.0000 mg/l
460-41492-D-4-H 0.0000 mg/l
460-41492-D-5-H 0.0000 mg/l
460-41492-E-6-A 0.0000 mg/l
460-41492-D-15-H 0.0000 mg/l
CCV 0.2015 mg/l
blank 0.0000 mg/l

Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

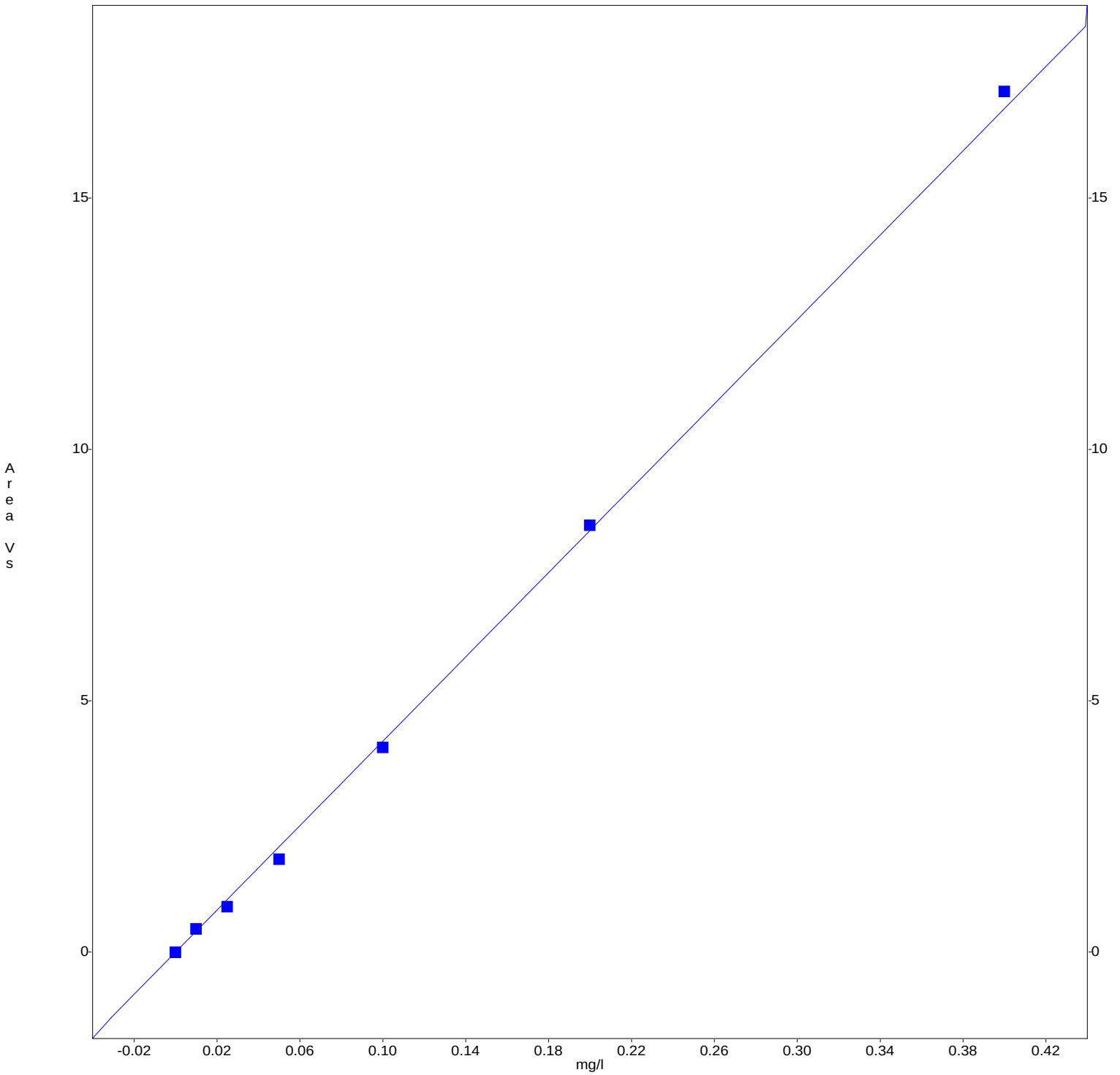
Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	30 Jun 2012	13:46:42	1	0.2016	1.0	1.00	1.00000	g
				Known Concentration:		0.2000				
				% Difference:		0.7776				
15	CCV	RelChkStd	30 Jun 2012	14:00:19	1	0.2012	1.0	1.00	1.00000	g
				Known Concentration:		0.2000				
				% Difference:		0.5993				
15	CCV	RelChkStd	30 Jun 2012	14:09:26	1	0.2015	1.0	1.00	1.00000	g
				Known Concentration:		0.2000				
				% Difference:		0.7628				
16	blank	Blank	30 Jun 2012	13:47:52	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	30 Jun 2012	14:01:29	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	30 Jun 2012	14:10:36	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	467542	0.010	467542					0.0	0.0	-11.4
3	907754	0.025	907754					0.0	0.0	13.5
4	1855469	0.050	1855469					0.0	0.0	11.6
5	4078426	0.100	4078426					0.0	0.0	2.8
6	8496704	0.200	8496704					0.0	0.0	-1.3
7	17129760	0.400	17129760					0.0	0.0	-2.1

1st Order Poly
Conc = 2.383e-008 Area + 4.279e-009
r = 0.9995

Scaling: None - Weighting: 1/X



OPERATOR: huan
ACQ. TIME: Jun 30, 2012 14:26:42
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2012DA~1\C120630A.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: Jun 29, 2012 12:27:00
Modified: Jun 30, 2012 14:27:59
cyanide
DATA DESCRIPTION:
Created: Jun 30, 2012 14:26:42
Modified: Jun 30, 2012 14:26:42

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jun 27, 2012 12:32:24
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 ***

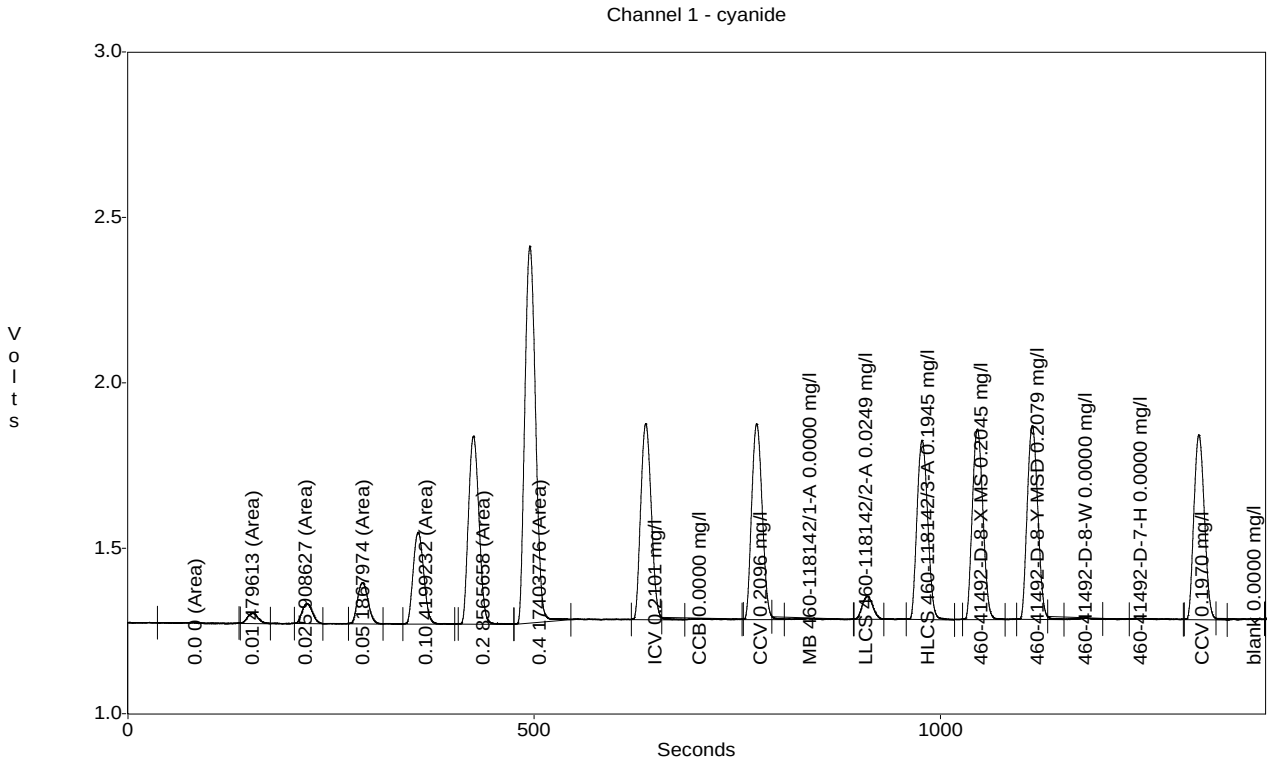
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

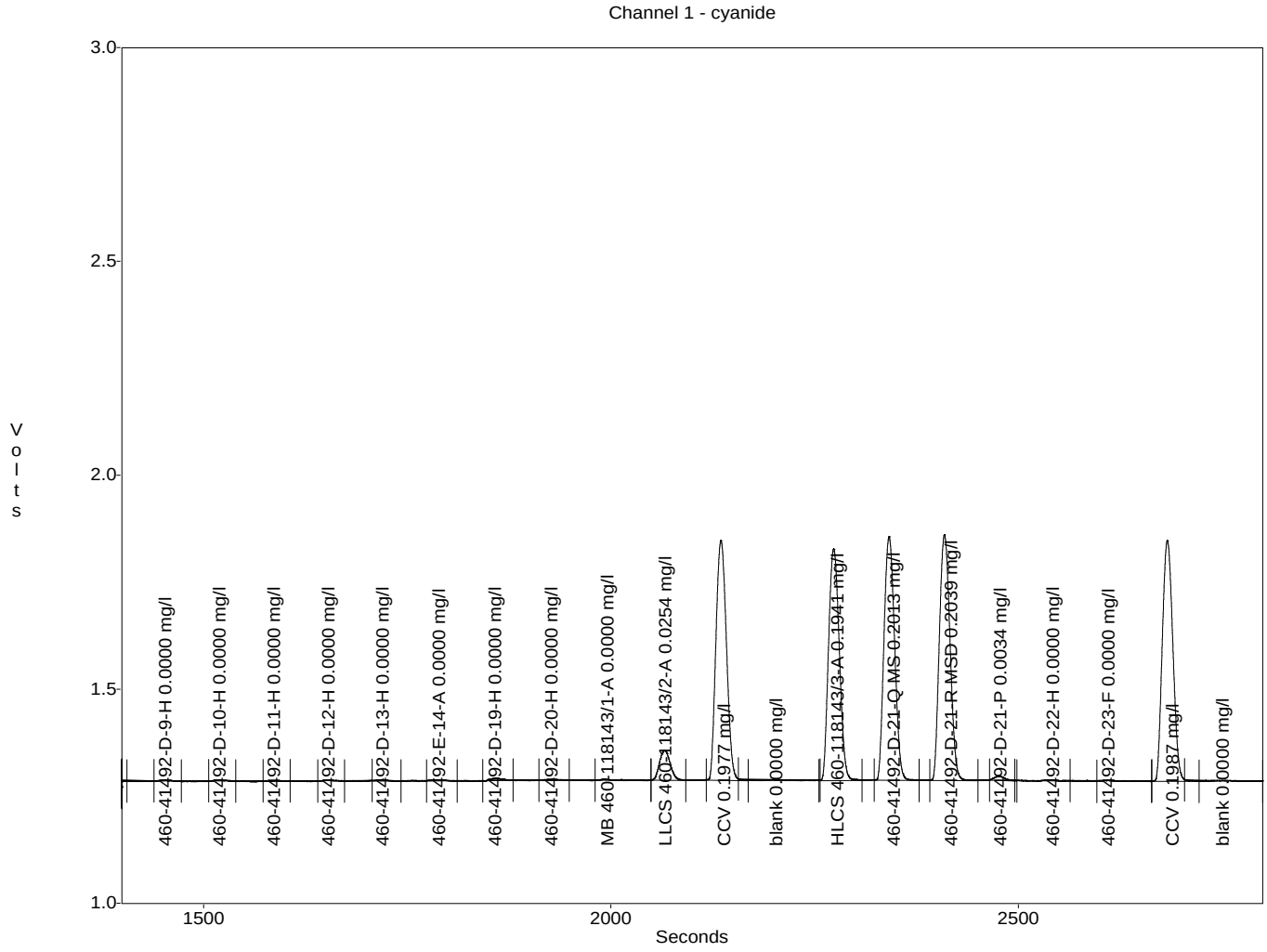
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (uv-s)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	0.0	30 Jun 2012	14:26:43	1	0.00	1.0	1.00	1.00000	g
2	0.01	30 Jun 2012	14:27:51	1	479613.00	1.0	1.00	1.00000	g
3	0.025	30 Jun 2012	14:28:58	1	908627.00	1.0	1.00	1.00000	g
4	0.05	30 Jun 2012	14:30:06	1	1867974.00	1.0	1.00	1.00000	g
5	0.10	30 Jun 2012	14:31:15	1	4199232.00	1.0	1.00	1.00000	g
6	0.2	30 Jun 2012	14:32:23	1	8565658.00	1.0	1.00	1.00000	g
7	0.4	30 Jun 2012	14:33:32	1	17403776.00	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	30 Jun 2012	14:35:55	1	0.2101	1.0	1.00	1.00000	g
2	CCB	30 Jun 2012	14:37:04	1	0.0000	1.0	1.00	1.00000	g
3	CCV	30 Jun 2012	14:38:12	1	0.2096	1.0	1.00	1.00000	g
4	MB 460-118142/1-A	30 Jun 2012	14:39:19	1	0.0000	1.0	1.00	1.00000	g
5	LLCS 460-118142/2-A	30 Jun 2012	14:40:27	1	0.0249	1.0	1.00	1.00000	g
6	HLCS 460-118142/3-A	30 Jun 2012	14:41:35	1	0.1945	1.0	1.00	1.00000	g
7	460-41492-D-8-X MS	30 Jun 2012	14:42:43	1	0.2045	1.0	1.00	1.00000	g
8	460-41492-D-8-Y MSD	30 Jun 2012	14:43:51	1	0.2079	1.0	1.00	1.00000	g
9	460-41492-D-8-W	30 Jun 2012	14:44:58	1	0.0000	1.0	1.00	1.00000	g
10	460-41492-D-7-H	30 Jun 2012	14:46:06	1	0.0000	1.0	1.00	1.00000	g
11	460-41492-D-9-H	30 Jun 2012	14:49:33	1	0.0000	1.0	1.00	1.00000	g
12	460-41492-D-10-H	30 Jun 2012	14:50:40	1	0.0000	1.0	1.00	1.00000	g
13	460-41492-D-11-H	30 Jun 2012	14:51:46	1	0.0000	1.0	1.00	1.00000	g
14	460-41492-D-12-H	30 Jun 2012	14:52:53	1	0.0000	1.0	1.00	1.00000	g
15	460-41492-D-13-H	30 Jun 2012	14:54:00	1	0.0000	1.0	1.00	1.00000	g
16	460-41492-E-14-A	30 Jun 2012	14:55:09	1	0.0000	1.0	1.00	1.00000	g
17	460-41492-D-19-H	30 Jun 2012	14:56:18	1	0.0000	1.0	1.00	1.00000	g
18	460-41492-D-20-H	30 Jun 2012	14:57:27	1	0.0000	1.0	1.00	1.00000	g
19	MB 460-118143/1-A	30 Jun 2012	14:58:36	1	0.0000	1.0	1.00	1.00000	g
20	LLCS 460-118143/2-A	30 Jun 2012	14:59:43	1	0.0254	1.0	1.00	1.00000	g
21	HLCS 460-118143/3-A	30 Jun 2012	15:03:11	1	0.1941	1.0	1.00	1.00000	g
22	460-41492-D-21-Q MS	30 Jun 2012	15:04:19	1	0.2013	1.0	1.00	1.00000	g
23	460-41492-D-21-R MSD	30 Jun 2012	15:05:27	1	0.2039	1.0	1.00	1.00000	g
24	460-41492-D-21-P	30 Jun 2012	15:06:35	1	0.0034	1.0	1.00	1.00000	g
25	460-41492-D-22-H	30 Jun 2012	15:07:43	1	0.0000	1.0	1.00	1.00000	g
26	460-41492-D-23-F	30 Jun 2012	15:08:50	1	0.0000	1.0	1.00	1.00000	g


Channel 1 - cyanide
Volts
3.0
2.5
2.0
1.5
1.0
0
500
1000
Seconds
0.0 0 (Area)
0.01 479613 (Area)
0.025 908627 (Area)
0.05 1867974 (Area)
0.10 4199232 (Area)
0.2 8565658 (Area)
0.4 17403776 (Area)
ICV 0.2101 mg/l
CCB 0.0000 mg/l
CCV 0.2096 mg/l
MB 460-118142/1-A 0.0000 mg/l
LLCS 460-118142/2-A 0.0249 mg/l
HLCS 460-118142/3-A 0.1945 mg/l
460-41492-D-8-X MS 0.2045 mg/l
460-41492-D-8-Y MSD 0.2079 mg/l
460-41492-D-8-W 0.0000 mg/l
460-41492-D-7-H 0.0000 mg/l
CCV 0.1970 mg/l
blank 0.0000 mg/l


Channel 1 - cyanide
Volts
3.0
2.5
2.0
1.5
1.0
1500
2000
2500
Seconds
460-41492-D-9-H 0.0000 mg/l
460-41492-D-10-H 0.0000 mg/l
460-41492-D-11-H 0.0000 mg/l
460-41492-D-12-H 0.0000 mg/l
460-41492-D-13-H 0.0000 mg/l
460-41492-E-14-A 0.0000 mg/l
460-41492-D-19-H 0.0000 mg/l
460-41492-D-20-H 0.0000 mg/l
MB 460-118143/1-A 0.0000 mg/l
LLCS 460-118143/2-A 0.0254 mg/l
CCV 0.1977 mg/l
blank 0.0000 mg/l
HLCS 460-118143/3-A 0.1941 mg/l
460-41492-D-21-Q MS 0.2013 mg/l
460-41492-D-21-R MSD 0.2039 mg/l
460-41492-D-21-P 0.0034 mg/l
460-41492-D-22-H 0.0000 mg/l
460-41492-D-23-F 0.0000 mg/l
CCV 0.1987 mg/l
blank 0.0000 mg/l

Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

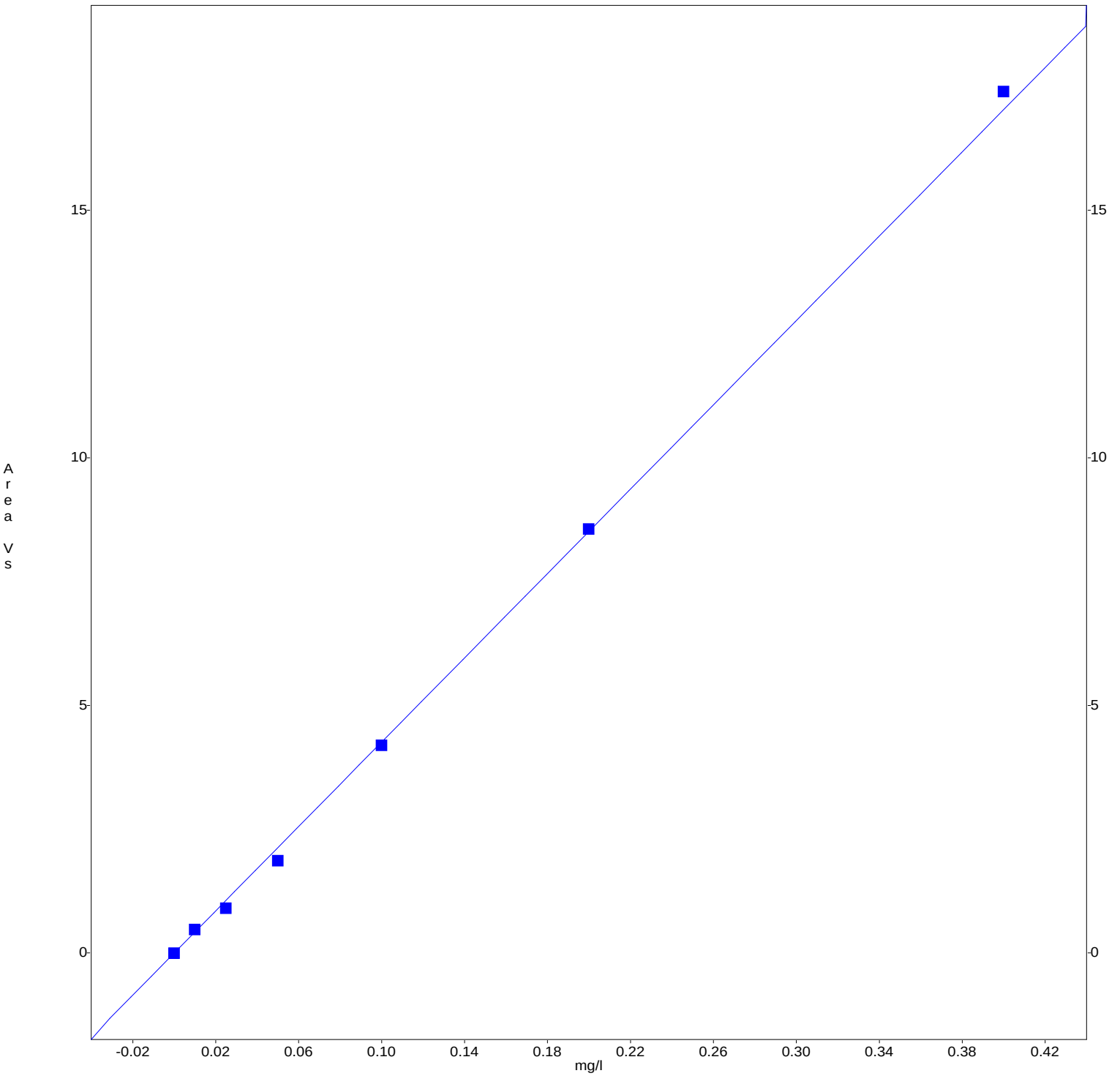
Cup	Sample ID	Sample Type	Sampling Date	Sampling Time	Rep #	cyanide (mg/l)	Man Dil Factor	Auto Dil Factor	Weight	Unit
15	CCV	RelChkStd	30 Jun 2012	14:47:15	1	0.1970	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.5089				
15	CCV	RelChkStd	30 Jun 2012	15:00:53	1	0.1977	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-1.1401				
15	CCV	RelChkStd	30 Jun 2012	15:10:00	1	0.1987	1.0	1.00	1.00000	g
					Known Concentration:	0.2000				
					% Difference:	-0.6493				
16	blank	Blank	30 Jun 2012	14:48:26	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	30 Jun 2012	15:02:03	1	0.0000	1.0	1.00	1.00000	g
16	blank	Blank	30 Jun 2012	15:11:11	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	479613	0.010	479613					0.0	0.0	-12.6
3	908627	0.025	908627					0.0	0.0	14.6
4	1867974	0.050	1867974					0.0	0.0	12.3
5	4199232	0.100	4199232					0.0	0.0	1.4
6	8565658	0.200	8565658					0.0	0.0	-0.6
7	17403776	0.400	17403776					0.0	0.0	-2.2

1st Order Poly
Conc = 2.349e-008 Area + 4.365e-009
r = 0.9995

Scaling: None - Weighting: 1/X



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118019 Batch Start Date: 06/29/12 09:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 06/29/12 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00709	WTcnIM2 00866		
MB 460-118019/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-118019/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-118019/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
200-11382-A-2 MS		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
200-11382-A-2 MSD		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41492-D-1	SF-1	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	AMRESCO/2832C159
Sodium Hydroxide Reagent ID Number	# C - 8341-12 exp.12/27/12
Sulfamic Acid Reagent ID Number	# C - 8284-12 exp.12/11/12
Sulfuric Acid Reagent ID Number	# C - 8283-12 exp.12/11/12

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118081 Batch Start Date: 06/29/12 14:48 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 06/29/12 16:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00727				
ICV 460-118081/8		9012A		100 mL	2 mL				
CCV 460-118081/10		9012A		100 mL	2 mL				
CCV 460-118081/18		9012A		100 mL	2 mL				
CCV 460-118081/30		9012A		100 mL	2 mL				
CCV 460-118081/42		9012A		100 mL	2 mL				
CCV 460-118081/54		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03524-03530)-12 CAL exp;06/29/12
Buffer Reagent ID Number	C-8359-12 exp:07/28/12
Chloramine-T Reagent ID Number	C-8362-12 exp;06/29/12
First End time	B(03531)-12 : CCV exp:06/29/12
NaOH Lot #	C-8345-12 exp;12/27/12
Pyridine-Barbituric Acid Reagent ID	C-8358-12 exp;07/05/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118125 Batch Start Date: 06/30/12 06:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 06/30/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00710	WTcnIM2 00867		
MB 460-118125/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-118125/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-118125/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41469-G-1 MS		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41469-G-1 MSD		9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41492-D-2	SF-2	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-3	SF-3	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-4	SF-4	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-5	SF-5	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-E-6	SF-6	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-15	FD-C	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	AMRESCO/2832C159
Sodium Hydroxide Reagent ID Number	# C - 8341-12 exp.12/27/12
Sulfamic Acid Reagent ID Number	# C - /284-12 exp.12/11/12
Sulfuric Acid Reagent ID Number	# C - 8283-12 exp.12/11/12

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118127 Batch Start Date: 06/30/12 06:30 Batch Analyst: Afremova, Izabella

Batch Method: 9012A Batch End Date: 06/30/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00710	WTcnIM2 00867		
MB 460-118127/1		9012A, 9012A		1.0 g	50.0 mL				
LLCS 460-118127/2		9012A, 9012A		1.0 g	50.0 mL		0.25 mL		
HLCS 460-118127/3		9012A, 9012A		1.0 g	50.0 mL	1 mL			
460-41492-D-16 MS	F-1	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41492-D-16 MSD	F-1	9012A, 9012A	T	1.0 g	50.0 mL	1 mL			
460-41492-D-16	F-1	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-17	F-2	9012A, 9012A	T	1.0 g	50.0 mL				
460-41492-D-18	F-3	9012A, 9012A	T	1.0 g	50.0 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	AMRESCO/2832C159
Sodium Hydroxide Reagent ID Number	# C - 8341-12 exp.12/27/12
Sulfamic Acid Reagent ID Number	# C - 8284-12 exp.12/11/12
Sulfuric Acid Reagent ID Number	# C - 8283-12 exp.12/11/12

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118142 Batch Start Date: 06/30/12 12:15 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00710	WTcnIM2 00867		
MB 460-118142/1		9012A, 9012A		1 g	50 mL				
LLCS 460-118142/2		9012A, 9012A		1 g	50 mL		0.25 mL		
HLCS 460-118142/3		9012A, 9012A		1 g	50 mL	1 mL			
460-41492-D-8	SF-8	9012A, 9012A	T	1 g	50 mL				
460-41492-D-8 MS	SF-8	9012A, 9012A	T	1 g	50 mL	1 mL			
460-41492-D-8 MSD	SF-8	9012A, 9012A	T	1 g	50 mL	1 mL			
460-41492-D-7	SF-7	9012A, 9012A	T	1 g	50 mL				
460-41492-D-9	SF-9	9012A, 9012A	T	1 g	50 mL				
460-41492-D-10	SF-10	9012A, 9012A	T	1 g	50 mL				
460-41492-D-11	SF-11	9012A, 9012A	T	1 g	50 mL				
460-41492-D-12	SF-12	9012A, 9012A	T	1 g	50 mL				
460-41492-D-13	SF-13	9012A, 9012A	T	1 g	50 mL				
460-41492-E-14	SF-14	9012A, 9012A	T	1 g	50 mL				
460-41492-D-19	F-4	9012A, 9012A	T	1 g	50 mL				
460-41492-D-20	F-5	9012A, 9012A	T	1 g	50 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	C-8285-12 exp;12/11/12
Sodium Hydroxide Reagent ID Number	C-8341-12 exp:12/27/12
Sulfamic Acid Reagent ID Number	C-8284-12 exp;12/11/12
Sulfuric Acid Reagent ID Number	C-8283-12 exp;12/11/12

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118143 Batch Start Date: 06/30/12 12:15 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00710	WTcnIM2 00867		
MB 460-118143/1		9012A, 9012A		1 g	50 mL				
LLCS 460-118143/2		9012A, 9012A		1 g	50 mL		0.25 mL		
HLCS 460-118143/3		9012A, 9012A		1 g	50 mL	1 mL			
460-41492-D-21	F-6	9012A, 9012A	T	1 g	50 mL				
460-41492-D-21 MS	F-6	9012A, 9012A	T	1 g	50 mL	1 mL			
460-41492-D-21 MSD	F-6	9012A, 9012A	T	1 g	50 mL	1 mL			
460-41492-D-22	F-7	9012A, 9012A	T	1 g	50 mL				
460-41492-D-23	FD-D	9012A, 9012A	T	1 g	50 mL				

Batch Notes	
Distillation Temperature	125 Degrees C
Magnesium Chloride Lot Number	C-8285-12 exp:12/11/12
Sodium Hydroxide Reagent ID Number	C-8341-12 exp;12/27/12
Sulfamic Acid Reagent ID Number	C-8284-12 exp;12/11/12
Sulfuric Acid Reagent ID Number	C-8283-12 exp;12/11/12

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118146 Batch Start Date: 06/30/12 13:26 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 06/30/12 15:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00728				
ICV 460-118146/8		9012A		100 mL	2 mL				
CCV 460-118146/10		9012A		100 mL	2 mL				
CCV 460-118146/18		9012A		100 mL	2 mL				
CCV 460-118146/30		9012A		100 mL	2 mL				
CCV 460-118146/38		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03534-03540)-12 CAL exp:06/30/12
Buffer Reagent ID Number	C-8359-12 exp;07/28/12
Chloramine-T Reagent ID Number	C-8366-12 exp;06/30/12
First End time	B(03541)-12 : CCV exp;06/30/12
NaOH Lot #	C-8345-12 exp;12/27/12
Pyridine-Barbituric Acid Reagent ID	C-8358-12 exp;07/05/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 118149 Batch Start Date: 06/30/12 14:26 Batch Analyst: Vu, Huan

Batch Method: 9012A Batch End Date: 06/30/12 15:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00728				
ICV 460-118149/8		9012A		100 mL	2 mL				
CCV 460-118149/10		9012A		100 mL	2 mL				
CCV 460-118149/18		9012A		100 mL	2 mL				
CCV 460-118149/30		9012A		100 mL	2 mL				
CCV 460-118149/38		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	B(03534-03540)-12 CAL exp:06/30/12
Buffer Reagent ID Number	C-8359-12 exp;07/28/12
Chloramine-T Reagent ID Number	C-8366-12 exp;06/30/12
First End time	B(03541)-12 : CCV exp;06/30/12
NaOH Lot #	C-8345-12 exp;12/27/12
Pyridine-Barbituric Acid Reagent ID	C-8358-12 exp:07/05/12

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116996 Batch Start Date: 06/21/12 13:29 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41492-E-23	FD-D	Moisture	T	1	1.00 g	6.20 g	5.66 g		
460-41492-E-15	FD-C	Moisture	T	2	1.03 g	6.40 g	5.78 g		
460-41492-E-1	SF-1	Moisture	T	3	0.98 g	6.95 g	6.11 g		
460-41492-E-5	SF-5	Moisture	T	4	0.98 g	6.16 g	5.39 g		
460-41492-E-14	SF-14	Moisture	T	5	1.03 g	6.38 g	5.75 g		
460-41492-E-4	SF-4	Moisture	T	6	1.06 g	6.21 g	5.63 g		
460-41492-E-21	F-6	Moisture	T	7	1.08 g	6.46 g	5.76 g		
460-41492-E-21 DU	F-6	Moisture	T	8	1.08 g	6.46 g	5.76 g		
460-41492-E-21 MS	F-6	Moisture	T	9	1.08 g	6.46 g	5.76 g		
460-41492-E-21 MSD	F-6	Moisture	T	10	1.08 g	6.46 g	5.76 g		
460-41492-D-8	SF-8	Moisture	T	11	1.04 g	6.54 g	5.75 g		
460-41492-D-8 DU	SF-8	Moisture	T	12	1.04 g	6.54 g	5.75 g		
460-41492-D-8 MS	SF-8MS	Moisture	T	13	1.04 g	6.54 g	5.75 g		
460-41492-D-8 MSD	SF-8MSD	Moisture	T	14	1.04 g	6.54 g	5.75 g		
460-41492-E-13	SF-13	Moisture	T	15	1.00 g	6.37 g	5.85 g		
460-41492-E-19	F-4	Moisture	T	16	1.02 g	6.63 g	5.33 g		
460-41492-E-17	F-2	Moisture	T	17	1.02 g	6.24 g	5.63 g		
460-41492-E-12	SF-12	Moisture	T	18	1.05 g	6.72 g	5.93 g		
460-41492-E-3	SF-3	Moisture	T	19	1.01 g	6.85 g	6.06 g		
460-41492-E-9	SF-9	Moisture	T	20	0.99 g	6.31 g	5.19 g		
460-41492-E-22	F-7	Moisture	T	21	0.94 g	6.76 g	6.28 g		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 116996 Batch Start Date: 06/21/12 13:29 Batch Analyst: Chang, Ryan

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	06/21/12
Oven Temp when samples are put in oven	Oven-1 105, Oven-2 104 Degrees C
Time samples were place in the oven	14:10
Date samples were removed from oven	06/22/12
Oven Temp when samples removed from oven	Oven-1 103, Oven-2 103 Degrees C
Time Samples were removed from oven	09:35
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

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 117016 Batch Start Date: 06/21/12 14:37 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41492-E-2	SF-2	Moisture	T	22	1.02 g	6.44 g	5.92 g		
460-41492-E-6	SF-6	Moisture	T	23	1.03 g	6.66 g	5.58 g		
460-41492-E-7	SF-7	Moisture	T	24	1.04 g	6.20 g	5.28 g		
460-41492-E-10	SF-10	Moisture	T	25	1.04 g	6.52 g	5.66 g		
460-41492-E-11	SF-11	Moisture	T	26	1.05 g	6.87 g	6.36 g		
460-41492-E-16	F-1	Moisture	T	27	0.99 g	6.52 g	6.15 g		
460-41492-E-20	F-5	Moisture	T	28	1.07 g	6.79 g	6.12 g		
460-41495-A-9 DU		Moisture	T	42	1.06 g	6.93 g	6.41 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	06/21/12
Oven Temp when samples are put in oven	Oven-1 105, Oven-2 104 Degrees C
Time samples were place in the oven	16:12
Date samples were removed from oven	06/22/12
Oven Temp when samples removed from oven	Oven-1 103, Oven-2 103 Degrees C
Time Samples were removed from oven	09:35
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

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-41492-1

SDG No.:

Batch Number: 117685 Batch Start Date: 06/27/12 14:29 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-41492-D-18	F-3	Moisture	T	192	1.02 g	6.09 g	5.73 g		
460-41642-A-2 DU		Moisture	T	212	0.99 g	6.38 g	2.81 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	06/27/12
Oven Temp when samples are put in oven	Oven-1 105, Oven-2 105 Degrees C
Time samples were place in the oven	15:41
Date samples were removed from oven	6/28/12
Oven Temp when samples removed from oven	Oven-1 103, Oven-2 104 Degrees C
Time Samples were removed from oven	14:24
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

07/05/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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 61 Main Street	Analysis Turnaround Time: Standard ☒	
City Sayreville State NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 732-432-5757 Fax 732-432-5717		

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOA TICs	TCL SVOA TICs	TCL Pesticides	TCL PCBs	TAL Metals	Mercury	Cyanide					LAB USE ONLY Sample Numbers
SF-1	6/18/12	0940	S	4	X	X	X	X	X	X	X					1
SF-2		1040	S	4	X	X	X	X	X	X	X					2
SF-3		1225	S	4	X	X	X	X	X	X	X					3
SF-4		1310	S	4	X	X	X	X	X	X	X					4
SF-5		1425	S	4	X	X	X	X	X	X	X					5
SF-6		1500	S	4	X	X	X	X	X	X	X					6
SF-7	6/19/12	0850	S	4	X	X	X	X	X	X	X					7
SF-8		0935	S	4	X	X	X	X	X	X	X					8
SF-8MS		0940	S	4	X	X	X	X	X	X	X					8
SF-8MSD		0942	S	4	X	X	X	X	X	X	X					8
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:																

Job No: 41492

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Special Instructions NYSDEC Category B / NYSDEC EQuIS EDD

Water Metals Filtered (Yes/No)? _____

SHORT HOLD

Relinquished by	Company	Date / Time	Received by	Company
M. Anke	CSA	6/19/12 5:55	1)	6-19-12 17:55
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

1.4
4.4

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)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

07/05/2012

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	C360122 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:	
Somerville / 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	Cyanide	Mercury					LAB USE ONLY Sample Numbers
SF-9	6/18/12	1045	S	4	X	X	X	X	X	X	X					9
SF-10		1158	S	4	X	X	X	X	X	X	X					10
SF-11		1245	S	4	X	X	X	X	X	X	X					11
SF-12		1340	S	4	X	X	X	X	X	X	X					12
SF-13		1440	S	4	X	X	X	X	X	X	X					13
SF-14		1537	S	4	X	X	X	X	X	X	X					14
FD-C	6/18/12	—	S	4	X	X	X	X	X	X	X					15
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: 41492

SHORT HOLD

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
M. Anke	CSA	6/19/12 5:55	1)	6-19-12 17:55
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

1.4
4.4

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)

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

07/05/2012

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Meredith Anke	Meredith Anke	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		

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+TICs	TCL SVOA+TICs	TCL Pesticides	TCL PCBs	TAL Metals	Cyanide	Mercury	LAB USE ONLY Sample Numbers
F-1	6/18/12	1125	S	4	X	X	X	X	X	X	X	16
F-2		1138	S	4	X	X	X	X	X	X	X	17
F-3		1143	S	1					X	X	X	18
F-4		1415	S	4	X	X	X	X	X	X	X	19
F-5	6/19/12	1030	S	4	X	X	X	X	X	X	X	20
F-6		1425	S	4	X	X	X	X	X	X	X	21
F-6MS		1430	S	4	X	X	X	X	X	X	X	21
F-6MSD		1433	S	4	X	X	X	X	X	X	X	21
F-7		1530	S	4	X	X	X	X	X	X	X	22
FD-D		—	S	4	X	X	X	X	X	X	X	23
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:									

SHORT HOLD

Special Instructions: _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
M. Anke	CSA	6/19/12 15:55	1)	6-19-12 17:55
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

1.4
4.9
F30

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)

Login Sample Receipt Checklist

Client: Carlin, Simpson and Associates

Job Number: 460-41492-1

Login Number: 41492

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

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.	N/A	Not present
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	1.4C 4.4C 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.